

MISSION SUPPORT ALLIANCE

"WE WILL MEASURE OUR SUCCESS BY OUR CUSTOMERS' SUCCESS"



Monthly Performance Report November 2013

F. Armijo
President and General Manager

U.S. Department of Energy
Contract DE-AC06-09RL14728



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TERMS

BCR	Baseline Change Request
CHPRC	CH2M HILL Plateau Remediation Company
CPB	Contract Period Budget
DOE	U.S. Department of Energy
EPA	U.S. Environmental Protection Agency
FY	Fiscal Year
FYTD	Fiscal Year to-date
HLAN	Hanford Local Area Network
ISAP	Infrastructure and Services Alignment Plan
ISMS	Integrated Safety Management System
MSA	Mission Support Alliance, LLC
OCCB	Operational Change Control Board
ORP	U.S. Department of Energy, Office of River Protection
PMB	Performance Measurement Baseline
POSP	Parent Organization Support Plan
RHP	Risk Handling Plan
RL	U.S. Department of Energy, Richland Operations Office
SAS	Safeguards & Security
SI&L	Site Infrastructure and Logistics
VoIP	Voice over Internet Protocol
WBS	Work Breakdown Structure
WRPS	Washington River Protection Solutions, LLC



1.0 INTRODUCTION

This section is intended to provide an executive-level performance overview. Included herein are descriptions of the Mission Support Alliance, LLC (MSA) significant accomplishments considered to have made the greatest contribution toward safe, environmentally sound, and cost-effective, mission-oriented services; progress against the contract with U.S. Department of Energy (DOE), Richland Operations Office (RL); project cost summary analysis; and overviews of safety.

1.1 KEY ACCOMPLISHMENTS

Hanford Atomic Metal Trades Council (HAMTC) 2013 Contract – Disbursements
Accounting processed the salary increase for MSA and CH2M Hill Plateau Remediation Company (CHPRC) Hanford Atomic Metal Trades Council (HAMTC) personnel from the new 2013 contract agreement, and implemented Time Information System (TIS) changes for the new contract, which involved coding specifically to the company/contract a series of new edits to help in the enforcement of new double-time overtime rules.

'RUSH' Analysis Requests Completed for CHPRC – The Waste Sampling and Characterization Facility (WSCF) received a 'RUSH' analysis request from the Occupational Safety & Industrial Hygiene (OS&IH) Organization of CHPRC. A leaking container was reported at the Central Waste Complex (CWC) in the 200 West Area and WSCF was challenged with identifying the leaking material that had collected on the pallet holding the container. Analysis was conducted on the sample and preliminary results were submitted back to OS&IH personnel on the same day.

Organic Chemistry Department Scores 100% on Quarterly Accreditation Samples – For the most recent quarterly accreditation samples submitted to the State of Washington, Department of Ecology (Ecology), the Organic Chemistry Department scored a perfect 100% for Semi-Volatile analysis. Results were submitted for 54 requested analyses in soil, and 60 requested analyses in water.

Special External Dosimetry Investigation – Radiological Site Services (RSS) completed planned support to a special dosimetry investigation by CHPRC. The investigation involved a failed Strontium/Yttrium-90 ion chamber check source that was directly handled by CHPRC personnel without extension tools. A measurement jig was manufactured and delivered to RSS personnel to conduct measurements; these measurements were used to complete a report for CHPRC management.



Hanford Fire Department (HFD) Station 4 Closure Status – HFD ceased emergency response and operations from the 400 Area Fire Station effective November 11, 2013. The facility was placed into a safe configuration and will be maintained in a minimum safe status in the event that site conditions require reopening the facility. This temporary closure supports a DOE fiscal year (FY) 2013 Key Performance Goal to right-size the infrastructure. Official notification of the closure was provided to the DOE Richland Operations Office (RL) on November 20, 2013.

Approval of Termination of Safeguards on Bulk Sludge at K West Basin – MSA Safeguards and Security (SAS) staff worked with CHPRC K-Basin Closure Project personnel to request DOE authorization to terminate safeguards on the bulk sludge at K-West Basin. Termination of this material will greatly simplify CHPRC work to remove the sludge from K-W Basin. DOE approval for this termination was received in November.

Revised Annual Forecast of Services Completed – MSA Interface Management completed the revised *Annual Forecast of Services and Infrastructure for FY 2014, Rev. 2*, on November 27, 2013. The Annual Forecast represents MSA and the Hanford Site prime contractors' revised FY 2014 projections for MSA-provided usage-based services. The purpose of the Annual Forecast is to align MSA resources to its customers' requirements, and develop service rates that minimize fluctuations throughout the fiscal year.

Cyber Security Training Completed – MSA Cyber Security hosted cyber security awareness training that was provided by DOE Environmental Management (EM). Four two-hour sessions and a one-hour session were conducted. Attendees of the training included numerous Hanford employees from various work scopes and contractors, including DOE personnel.

Lifecycle Scope, Schedule & Cost Report (Lifecycle Report) – The Lifecycle Report enables RL to fulfill the requirements of Tri-Party Agreement Milestone M-036-01, *Lifecycle Scope, Schedule, & Cost Report*. MSA's Portfolio Management (PFM) organization is responsible for preparing this annual document, both as a draft and then as a final, and both are contract deliverables. PFM facilitated the Project Manager Meeting (PMM) between RL, the U.S. Environmental Protection Agency (EPA) and Ecology. PFM supported RL in requesting that the regulators agree to forgo the cost estimate alternatives analyses in the 2015 Lifecycle Report and discussed the reasons at the PMM. EPA and Ecology were in agreement, and a documented cost savings of \$151,400 resulted from this decision.



Maintenance Management Program (MMP) – This activity implements the FY 2014 Enhanced Maintenance Management Program for Electrical and Water Utilities. As this report goes to print, the inventory of electrical system components and systems continues, nearing 85% complete. The prioritization of Water Utilities components and systems is 75% complete. All program procedures were drafted and are being routed for review and approval. A Computerized Maintenance Management System (CMMS) transition plan was completed. Additionally, a Statement of Work and Request for Proposal were drafted for a third-party Reliability Maintenance and CMMS consulting service.

HAMMER Cohosts International Workshop – The Volpentest HAMMER Training and Education Center (HAMMER) and Pacific Northwest National Laboratory (PNNL) hosted an International Atomic Energy Agency (IAEA) international workshop on nuclear forensic methodologies sponsored by the National Nuclear Security Administration (NNSA). The IAEA was able to use HAMMER's unique facility to train participants against a simulated seizure of nuclear material. The event was featured in local news media and was attended by the Deputy Administrator for Defense Nuclear Nonproliferation for NNSA.

Health, Safety and Security Beryllium Review – The DOE Headquarters (HQ) Health, Safety and Security (HSS) team was at Hanford for a week at the beginning of November. The visit was positive overall, especially in regards to MSA's coordination of site wide beryllium corrective action plan efforts. The team was impressed with the level of worker involvement and said that they have not seen anything at other sites that parallels the participation of workers found at Hanford. They also found MSA to be well ahead of the curve regarding progress in the assessment and characterization process.

WRPS Support: 135 Ton Crane Training – Crane & Rigging Services, in conjunction with Washington River Protection Solutions LLC (WRPS), is conducting training of additional personnel on the 135-ton crane to ensure continuity of operations of the Mobile Arm Retrieval System (MARS) single shell tank waste retrieval project at C-Farm. The crane was purchased specifically for this project due to reach and capacity requirements.

Long-Term Stewardship (LTS) – MSA LTS delivered the Draft Rev 0 of the Interim Safe Storage (ISS) Reactors Transition and Turnover Package (TTP) to DOE Richland Operations Office (RL) in October. RL comments were due back to MSA LTS by November 21, 2013. On November 14, 2013, LTS facilitated a real time review/



resolution meeting that allowed RL subject matter experts to ask questions of the LTS team and to develop agreeable resolutions. Delivery of the final version of the ISS TTP is anticipated in early January 2014.



2.0 ANALYSIS OF FUNDS

Table 2-1. Mission Support Alliance, LLC Funds Management (dollars in millions).

Funds Source PBS	Title	DOE Expected Funds	* Funds Received	FYTD Actuals	Remaining Available Funds from Funds Received
RL-0020	Safeguards & Security	\$68.8	\$22.0	\$10.0	\$12.0
RL-0040**	Reliability Projects/ HAMMER/ Inventory	\$6.7	\$2.8	\$0.7	2.1
RL-0041	B Reactor	\$7.0	\$4.8	\$0.3	\$4.5
SWS	Site-Wide Services	\$175.0	\$57.4	\$26.2	\$31.1
Total		\$257.5	\$87.0	\$37.2	\$49.7

FYTD = Fiscal Year to Date. PMTO = Portfolio Management Task Order.
 HAMMER = Volpentest HAMMER Training and Education Center. SWS = Site-Wide Services.
 PBS = Project Baseline Summary. EAC = Estimate at Completion.
 PD = Project Development.

* Funds received through Mod 337 dated November 18, 2014

Notes: Total burn rate for remaining available funds would fund the next 46.8 working days or through February 10, 2014.

SWS - 41.6 working days or through February 3, 2014 and RL20 - 42 working days or through February 4, 2014.



3.0 SAFETY PERFORMANCE

Due to two reportable injuries in November 2013, MSA's total recordable case (TRC) rate is slightly above the EM goal, and the Days Away, Restricted or Transferred (DART) rate is more significantly above the EM goal. MSA Safety, Health, Quality & Training organization will develop data on previous accidents in the winter, and lead discussions with Senior Staff on potential, more aggressive means to address the prevention of these accidents in these risk areas in coming months.



Table 3-1. Total Recordable Case Rate.

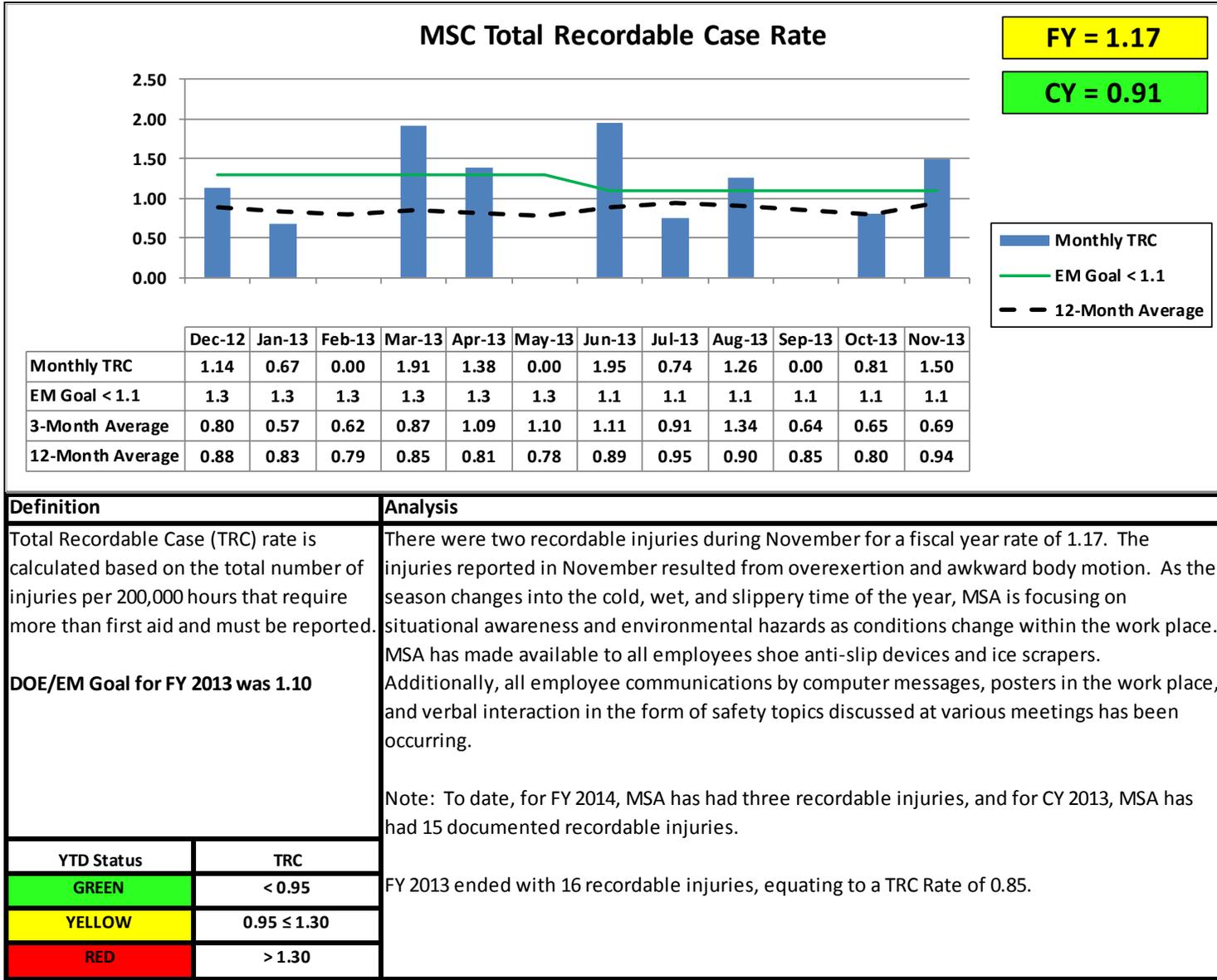
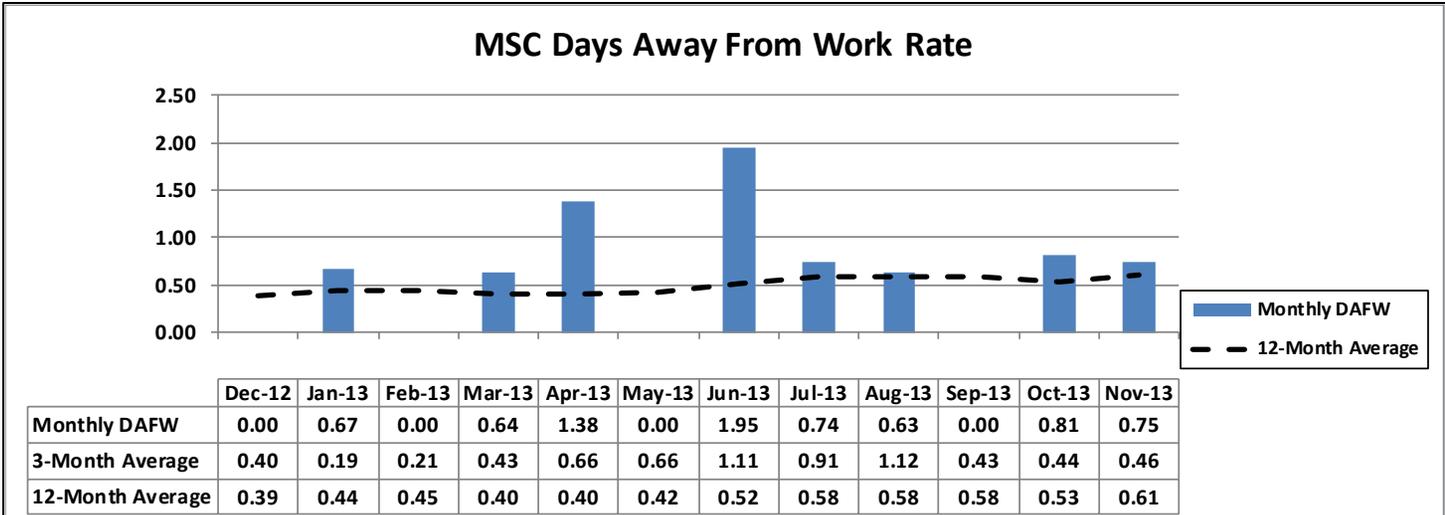




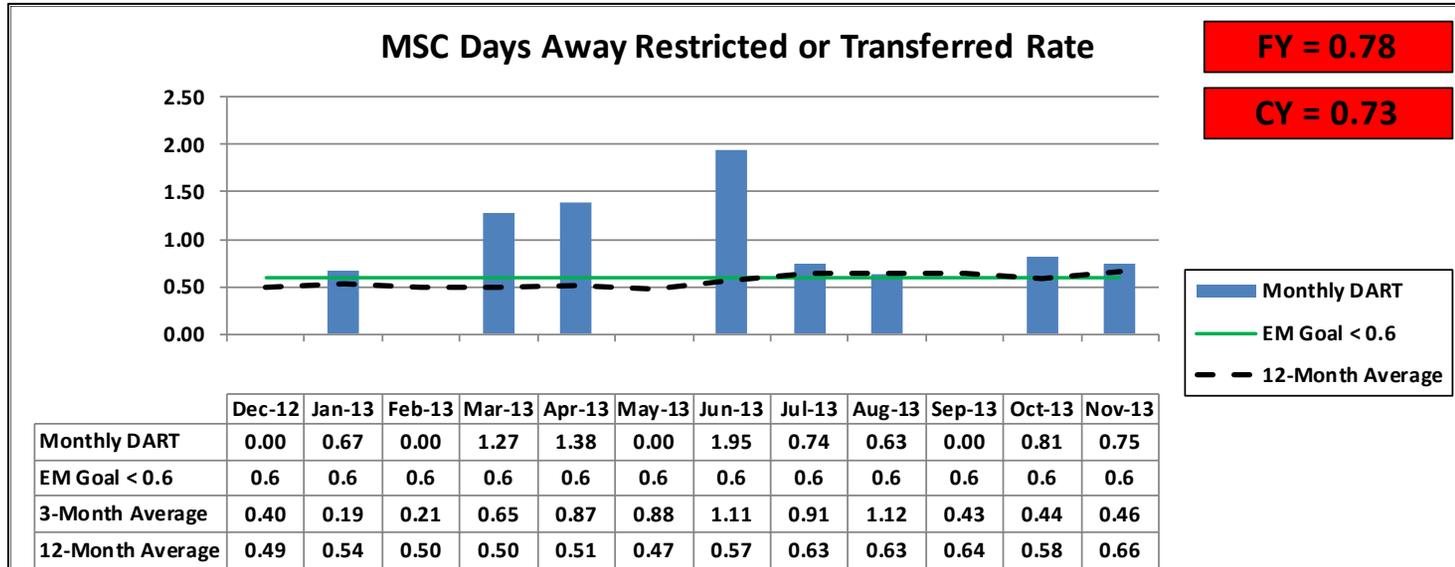
Table 3-2. Days Away From Work.



Definition	Analysis
<p>Days Away From Work (DAFW) - The number of OSHA recordable injuries and illnesses which involved days away from work, multiplied by 200,000 and divided by the total number of work hours.</p> <p>No DOE/EM Goal established for FY 2014</p>	<p>There was one Days Away case reported during November. The injury in November resulted from overexertion while attempting to scale a wall during required qualification testing. With the change in weather to cold, wet, and slippery conditions, MSA continues to focus on situational awareness, and issue safety communications that emphasize both the need to recognize hidden and seasonal hazards.</p> <p>In order to help MSA employees avoid injuries over the next months, injury targeted 'Safety Starts' will be issued, the injury rate increases will be discussed with Senior Management, the Line Organizations will be asked to press a stronger safety message, and MSA will analyze past data to target further messages in the near future.</p>



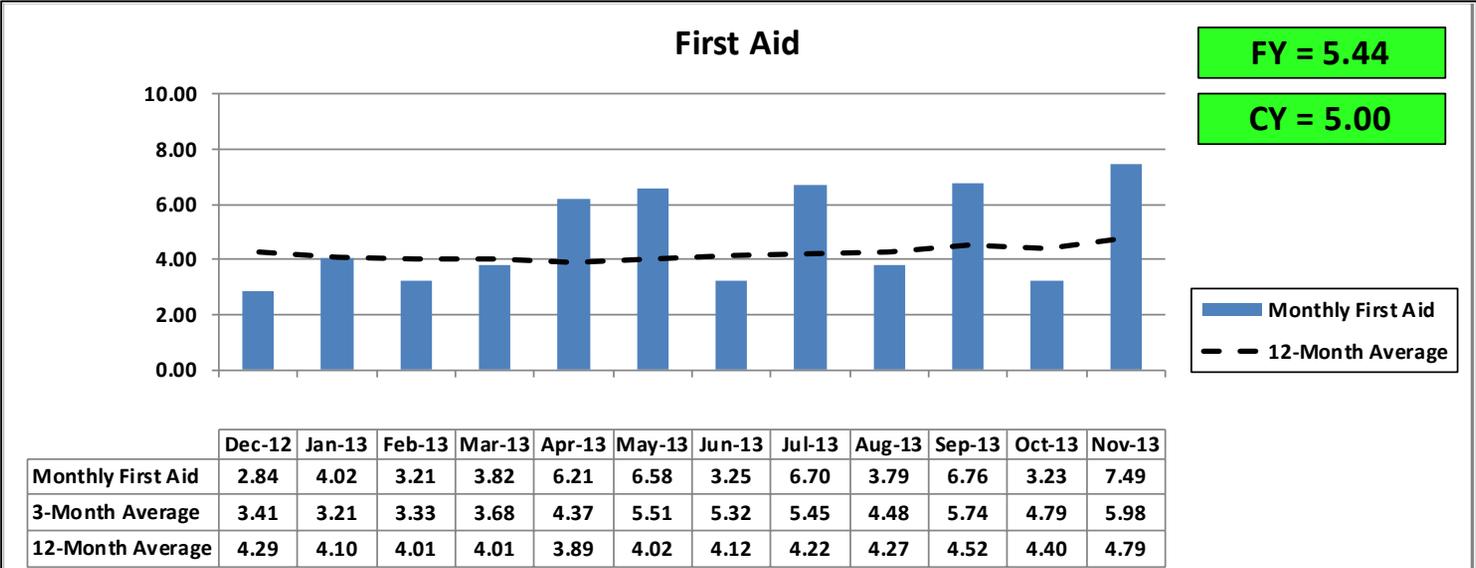
Table 3-3. Days Away, Restricted, Transferred.



Definition	Analysis								
<p>Days Away Restricted Transferred (DART) - The number of OSHA recordable injuries and illnesses which involved days away from work, required a transfer, or a job restriction, multiplied by 200,000 and divided by the total number of work hours.</p> <p>The DOE/EM goal for a DART rate for FY 2013 was 0.60.</p>	<p>There was one <i>Days Away, Restricted or Transferred</i> (DART) case during November. Combined with the DART injury in October, the MSA DART 'rate' is above the EM Goal of 0.60 for FY 2014, and CY 2013. The injury in November resulted from overexertion while attempting to scale a wall during required qualification testing. With the change in weather to cold, wet, and slippery conditions, MSA continues to focus on situational awareness, and issue safety communications that emphasize both the need to recognize hidden and seasonal hazards.</p> <p>In order to help MSA employees avoid injuries over the next months, injury targeted 'Safety Starts' will be issued, the injury rate increases will be discussed with Senior Management, the Line Organizations will be asked to press a stronger safety message, and MSA will analyze past data to target further messages in the near future.</p> <p>Note: To date, MSA has had two DART injuries in FY 2014 and 12 DART injuries in CY 2013.</p> <p>FY 2013 ended with 12 DART injuries, equating to a DART Rate of 0.64</p>								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>YTD Status</th> <th>DART Rate</th> </tr> </thead> <tbody> <tr> <td style="background-color: green; color: white;">GREEN</td> <td>< 0.55</td> </tr> <tr> <td style="background-color: yellow;">YELLOW</td> <td>0.55 ≤ 0.70</td> </tr> <tr> <td style="background-color: red; color: white;">RED</td> <td>> 0.70</td> </tr> </tbody> </table>	YTD Status	DART Rate	GREEN	< 0.55	YELLOW	0.55 ≤ 0.70	RED	> 0.70	
YTD Status	DART Rate								
GREEN	< 0.55								
YELLOW	0.55 ≤ 0.70								
RED	> 0.70								



Table 3-4. First Aid Case Rate



Definition
 First Aid rate is calculated based on the total number of first aid injuries per 200,000 hours.

Analysis
 During October, four First Aid injury cases were reported; this was the fewest number of first aids reported during a given month since June 2012. However, during November there were 10 first aid injuries reported. This is a high number of injuries for MSA, where the average number of First Aids per month for the last two years has been seven. MSA continues to review all first aid injuries for emerging trends and sharing lessons learned at the President's Zero Accident Council (ZAC) and Employee ZAC meetings. The ratio of first aid to OSHA recordable injuries appears to be stable and reasonable.

Note: To date, Calendar Year 2013 has experienced 81 first aid cases.

FY 2013 ended with 84 first aid cases, equating to a first aid case rate of 4.46

YTD Status	1st Aid Rate
GREEN	< 5.50
YELLOW	5.50 ≤ 7.50
RED	> 7.50



4.0 FORMAT 1, DD FORM 2734/1, WORK BREAKDOWN STRUCTURE

Table 4-1. Format 1, DD Form 2734/1, Work Breakdown Structure

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE										DOLLARS IN Thousands			FORM APPROVED OMB No. 0704-0188	
1. Contractor		2. Contract			3. Program			4. Report Period						
a. Name Mission Support Alliance		a. Name Mission Support Contract			a. Name Mission Support Contract			a. From (2013/10/28)						
b. Location (Address and Zip Code) Richland, WA 99352		b. Number RL14728	c. TYPE CPAF	d. Share Ratio		b. Phase Operations		b. To (2013/11/24)						
						c. EVMS ACCEPTANCE No X Yes								
5. CONTRACT DATA														
a. QUANTITY N/A		b. NEGOTIATED COST \$3,132,316		c. ESTIMATED COST OF AUTHORIZED UNPRICED WORK \$507	d. TARGET PROFIT/FEE \$209,418	e. TARGET PRICE \$3,341,733	f. ESTIMATED PRICE \$3,593,487	g. CONTRACT CEILING N/A	h. ESTIMATED CONTRACT CEILING N/A		i. DATE OF OTB/OTS N/A			
6. ESTIMATED COST AT COMPLETION						7. AUTHORIZED CONTRACTOR REPRESENTATIVE								
				CONTRACT BUDGET BASE (2)		VARIANCE (3)		a. NAME (Last, First, Middle Initial) <i>D. RUSCITTO</i> Armijo, Jorge F		b. TITLE <i>MSA COO</i> MSC Project Manager				
a. BEST CASE		\$3,132,801						c. SIGNATURE <i>D. Ruscitto</i>		d. DATE SIGNED <i>12/10/13</i>				
b. WORST CASE		\$3,553,272												
c. MOST LIKELY		\$3,384,069		3,132,801		(251,268)								
8. PERFORMANCE DATA														
Item (1)	Current Period					Cumulative to Date					At Completion			
	Budgeted Cost		Actual Cost Work Performed (4)	Variance		Budgeted Cost		Actual Cost Work Performed (9)	Variance		Budgeted (12)	Estimated (13)	Variance (14)	
	Work Scheduled (2)	Work Performed (3)		Schedule (5)	Cost (6)	Work Scheduled (7)	Work Performed (8)		Schedule (10)	Cost (11)				
a. WORK BREAKDOWN STRUCTURE ELEMENT														
3001.01.01 - Safeguards and Security	4,271	4,271	4,542	-	(271)	235,974	235,974	256,920	0	(20,945)	507,578	539,315	(31,737)	
3001.01.02 - Fire and Emergency Response	1,606	1,606	1,757	-	(152)	78,321	78,321	88,903	(0)	(10,583)	175,579	189,969	(14,390)	
3001.01.03 - Emergency Management	474	474	346	-	129	22,813	22,813	20,205	0	2,608	52,903	49,686	3,217	
3001.01.04 - HAMMER	350	350	469	-	(119)	22,633	22,633	33,838	0	(11,205)	40,008	53,160	(13,152)	
3001.01.05 - Emergency Services & Training Management	47	47	58	-	(11)	9,645	9,645	3,798	(0)	5,847	12,748	7,043	5,705	
3001.02.01 - Site-Wide Safety Standards	29	29	41	-	(13)	1,652	1,652	3,811	(0)	(2,159)	3,506	5,751	(2,245)	
3001.02.02 - Environmental Integration	488	488	347	-	141	36,791	36,692	29,448	(98)	7,245	68,299	60,877	7,422	
3001.02.03 - Public Safety & Resource Protection	938	938	710	-	228	38,971	38,971	24,213	(0)	14,758	103,448	85,072	18,376	
3001.02.04 - Radiological Site Services	1,080	1,080	-	-	1,080	41,108	41,108	3,967	-	37,141	109,835	62,385	47,450	
3001.02.05 - WSCF Analytical Services	1	1	663	-	(661)	20,219	20,219	41,363	(0)	(21,145)	20,311	48,746	(28,435)	
3001.03.01 - IM Project Planning & Controls	307	307	162	-	145	17,773	17,773	20,223	0	(2,450)	37,900	39,499	(1,599)	
3001.03.02 - Information Systems	1,074	1,074	848	-	226	53,616	53,616	57,894	(0)	(4,278)	118,488	122,174	(3,686)	
3001.03.03 - Infrastructure / Cyber Security	305	305	282	-	23	11,947	11,947	16,976	(0)	(5,028)	31,918	38,289	(6,371)	
3001.03.04 - Content & Records Management	628	628	403	-	225	29,543	29,543	33,927	-	(4,385)	69,594	72,574	(2,980)	
3001.03.05 - IR/CM Management	27	27	51	-	(25)	1,496	1,496	3,143	-	(1,646)	3,243	5,172	(1,928)	
3001.03.06 - Information Support Services	159	159	102	-	57	8,645	8,645	6,309	0	2,336	19,027	16,214	2,813	
3001.04.01 - Roads and Grounds Services	241	241	68	-	173	11,902	11,902	10,292	0	1,610	27,866	26,393	1,473	
3001.04.02 - Biological Services	274	274	180	-	95	13,160	13,160	14,348	0	(1,188)	31,161	33,374	(2,213)	
3001.04.03 - Electrical Services	490	490	874	-	(384)	25,546	25,546	38,667	0	(13,121)	58,867	76,443	(17,576)	
3001.04.04 - Water/Sewer Services	442	442	715	-	(273)	21,500	21,500	31,071	0	(9,571)	50,208	63,865	(13,657)	
3001.04.05 - Facility Services	-	-	-	-	-	6,786	6,786	7,861	0	(1,076)	6,786	7,861	(1,076)	
3001.04.06 - Transportation	-	-	23	-	(23)	2,782	2,782	8,781	0	(5,999)	2,782	9,070	(6,288)	

Table 4-1, cont. Format 1, DD Form 2734/1, Work Breakdown Structure.

CONTRACT PERFORMANCE REPORT													FORM APPROVED		
FORMAT 1 - WORK BREAKDOWN STRUCTURE										OMB No. 0704-0188					
1. Contractor		2. Contract		3. Program				4. Report Period							
a. Name		a. Name		a. Name				a. From (2013/10/28)							
Mission Support Alliance		Mission Support Contract		Mission Support Contract											
b. Location (Address and Zip Code)		b. Number		b. Phase				b. To (2013/11/24)							
Richland, WA 99352		RL14728		Operations											
c. TYPE		d. Share Ratio		c. EVMS ACCEPTANCE											
CPAF				No X Yes											
Item (1)	Current Period					Cumulative to Date					At Completion				
	Budgeted Cost		Actual Cost	Variance		Budgeted Cost		Actual Cost	Variance		Budgeted (12)	Estimated (13)	Variance (14)		
	Work Scheduled (2)	Work Performed (3)	Work Performed (4)	Schedule (5)	Cost (6)	Work Scheduled (7)	Work Performed (8)	Cost Work Performed (9)	Schedule (10)	Cost (11)					
a. WORK BREAKDOWN STRUCTURE ELEMENT (Cont'd)															
3001.04.07 - Fleet Services	50	50	67	0	(18)	3,946	3,946	5,305	0	(1,360)	7,189	8,622	(1,433)		
3001.04.08 - Crane and Rigging	-	-	-	0	0	1,164	1,164	2,187	(0)	(1,023)	1,164	2,187	(1,023)		
3001.04.09 - Railroad Services	-	-	-	0	0	540	540	370	(0)	170	540	370	170		
3001.04.10 - Technical Services	139	139	370	0	(231)	19,584	19,584	21,962	0	(2,378)	36,341	39,998	(3,658)		
3001.04.11 - Energy Management	206	206	62	0	144	5,934	5,934	3,344	(0)	2,590	19,299	15,722	3,576		
3001.04.12 - B Reactor	171	171	162	0	9	10,834	10,663	10,998	(170)	(335)	19,289	19,605	(316)		
3001.04.13 - Work Management	87	87	106	0	(19)	4,149	4,149	6,048	(0)	(1,899)	9,790	12,058	(2,268)		
3001.04.14 - Land and Facilities Management	554	554	384	(0)	169	21,386	21,386	15,836	(0)	5,550	48,242	42,466	5,776		
3001.04.15 - Mail & Courier	106	106	42	0	64	4,835	4,835	3,349	0	1,486	11,655	9,743	1,912		
3001.04.16 - Property Systems/Acquisitons	472	472	466	0	6	21,769	21,769	22,928	0	(1,159)	52,684	54,313	(1,630)		
3001.04.17 - General Supplies Inventory	12	12	(88)	0	100	428	428	1,259	0	(831)	1,169	2,125	(956)		
3001.04.18 - Maintenance Management Program Implementation	287	287	6	0	281	287	287	6	0	281	11,438	10,598	841		
3001.06.01 - Business Operations	300	300	607	0	(307)	17,026	17,026	24,124	(0)	(7,098)	36,395	47,048	(10,653)		
3001.06.02 - Human Resources	218	218	219	0	(1)	10,370	10,370	9,715	0	654	24,144	23,789	355		
3001.06.03 - Safety, Health & Quality	855	855	1,298	0	(443)	47,727	47,727	76,540	0	(28,813)	103,505	139,254	(35,749)		
3001.06.04 - Miscellaneous Support	661	661	468	0	193	30,746	30,689	25,042	(57)	5,648	69,206	61,407	7,800		
3001.06.05 - President's Office	-	-	-	0	0	-	-	16	0	(16)	-	16	(16)		
3001.06.06 - Strategy	-	-	46	0	(46)	-	-	2,324	0	(2,324)	-	2,874	(2,874)		
3001.07.01 - Portfolio Management	515	515	486	0	29	26,932	26,932	32,981	0	(6,049)	59,669	66,121	(6,452)		
3001.08.01 - Water System	0	2	4	1	(2)	16,586	16,586	4,503	0	12,082	63,920	51,838	12,082		
3001.08.02 - Sewer System	-	-	-	0	0	5,301	5,301	8,501	0	(3,199)	5,301	8,501	(3,199)		
3001.08.03 - Electrical System	29	2	12	(27)	(10)	2,365	2,357	5,003	(8)	(2,646)	9,182	11,882	(2,700)		
3001.08.04 - Roads and Grounds	-	-	-	0	0	2,031	2,031	2,048	(0)	(17)	20,594	20,611	(17)		
3001.08.05 - Facility System	3	10	16	7	(6)	4,923	5,094	4,890	171	204	57,576	57,377	199		
3001.08.06 - Reliability Projects Studies & Estimates	-	-	2	0	(2)	2,562	2,562	4,399	(0)	(1,837)	2,562	4,399	(1,837)		
3001.08.07 - Reliability Project Spare Parts Inventory	-	-	0	0	(0)	86	86	2,374	0	(2,288)	86	2,374	(2,288)		
3001.08.08 - Network & Telecommunications System	93	10	29	(83)	(19)	7,350	7,108	12,541	(242)	(5,433)	7,478	13,003	(5,525)		
3001.08.09 - Capital Equipment Not Related to Construction	-	-	-	0	0	5,727	5,727	6,590	(0)	(863)	24,788	24,954	(166)		
3001.08.10 - WSCF Projects	149	-	(0)	(149)	0	1,167	979	808	(188)	171	1,569	808	761		
3001.08.11 - Support of Infrastructure Interface to ORP	-	-	-	0	0	965	965	725	0	240	965	725	240		
3001.90.04 - MSA Transition	-	-	-	0	0	6,289	6,289	5,868	0	421	6,289	5,868	421		
3001.B1.06 - Projects	-	-	-	0	0	1,554	1,554	-	0	1,554	1,554	-	1,554		
b. COST OF MONEY															
c. GENERAL AND ADMINISTRATIVE															
d. UNDISTRIBUTED BUDGET															
e. SUBTOTAL (Performance Measurement Baseline)															
	18,135	17,884	17,406	(251)	478	997,384	996,792	1,078,543	(591)	(81,750)	2,310,426	2,373,587	(63,161)		



Table 4-1, cont. Format 1, DD Form 2734/1, Work Breakdown Structure.

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE												DOLLARS IN Thousands		FORM APPROVED OMB No. 0704-0188	
1. Contractor		2. Contract			3. Program			4. Report Period							
a. Name Mission Support Alliance		a. Name Mission Support Contract			a. Name Mission Support Contract			a. From (2013/10/28)							
b. Location (Address and Zip Code) Richland, WA 99352		b. Number RL14728			b. Phase Operations			b. To (2013/11/24)							
c. TYPE CPAF		d. Share Ratio			c. EVMS ACCEPTANCE No X Yes										
Item (1)	Current Period			Cumulative to Date			At Completion								
	Budgeted Cost Work Scheduled (2)	Budgeted Cost Work Performed (3)	Actual Cost Work Performed (4)	Variance Schedule (5) Cost (6)		Budgeted Cost Work Scheduled (7)	Budgeted Cost Work Performed (8)	Actual Cost Work Performed (9)	Variance Schedule (10) Cost (11)		Budgeted (12)	Estimated (13)	Variance (14)		
a2. WORK BREAKDOWN STRUCTURE ELEMENT															
3001.01.04 - HAMMER	1,072	1,072	869	0	202	46,999	46,999	61,966	0	(14,967)	101,939	115,853	(13,913)		
3001.02.04 - Radiological Site Services	-	-	623	0	(623)	2,256	2,256	13,705	0	(11,449)	2,256	21,276	(19,020)		
3001.02.05 - WSCF Analytical Services	931	931	761	0	170	40,049	40,049	48,476	0	(8,427)	104,990	112,569	(7,579)		
3001.03.06 - Information Support Services	-	-	5	0	(5)	3,960	3,960	4,050	0	(90)	3,960	4,241	(281)		
3001.04.05 - Facility Services	586	586	599	0	(13)	22,811	22,811	26,102	0	(3,291)	59,630	64,095	(4,464)		
3001.04.06 - Transportation	153	153	403	0	(250)	5,834	5,834	18,087	0	(12,253)	15,482	30,649	(15,167)		
3001.04.07 - Fleet Services	651	651	780	0	(129)	30,661	30,661	63,765	0	(33,103)	72,612	108,948	(36,336)		
3001.04.08 - Crane and Rigging	799	799	808	0	(10)	36,290	36,290	53,012	0	(16,722)	88,593	106,589	(17,996)		
3001.04.13 - Work Management	-	-	47	0	(47)	0	0	1,173	0	(1,173)	0	1,631	(1,631)		
3001.04.14 - Land and Facilities Management	601	601	496	0	105	20,911	20,911	25,354	0	(4,444)	59,605	63,579	(3,975)		
3001.04.15 - Mail & Courier	17	17	19	0	(2)	434	434	440	0	(6)	1,559	1,603	(44)		
3001.06.01 - Business Operations	790	790	1,478	0	(687)	39,655	39,655	55,109	0	(15,454)	89,386	106,710	(17,324)		
3001.06.02 - Human Resources	149	149	209	0	(60)	7,152	7,152	11,241	0	(4,089)	16,538	21,704	(5,166)		
3001.06.03 - Safety, Health & Quality	156	156	76	0	80	7,566	7,566	5,824	0	1,742	17,782	15,965	1,817		
3001.06.04 - Miscellaneous Support	68	68	131	0	(62)	3,930	3,930	6,752	0	(2,822)	8,599	12,253	(3,653)		
3001.06.05 - President's Office (G&A non PMB)	344	344	173	0	171	14,831	14,831	10,242	0	4,589	34,881	29,570	5,311		
3001.06.06 - Strategy	22	22	12	0	9	1,222	1,222	1,765	0	(543)	2,641	3,146	(506)		
3001.A1.01 - Transfer - CHPRC	5,139	5,139	4,704	0	435	254,175	254,175	350,980	0	(96,805)	601,834	693,357	(91,523)		
3001.A1.02 - Transfer - WRPS	857	857	1,575	0	(718)	41,119	41,119	81,308	0	(40,189)	95,720	144,340	(48,620)		
3001.A1.03 - Transfers - FH Closeout	0	0	0	0	0	15	15	168	0	(152)	34	208	(174)		
3001.A1.04 - Transfers - CHG Closeout	-	-	-	0	0	-	-	13	0	(13)	-	13	(13)		
3001.A2.01 - Non Transfer - BNI	-	-	9	0	(9)	-	-	2,316	0	(2,316)	-	2,408	(2,408)		
3001.A2.02 - Non Transfer - AMH	12	12	-	0	12	493	493	954	0	(461)	1,283	1,623	(339)		
3001.A2.03 - Non Transfer - ATL	4	4	5	0	(1)	184	184	443	0	(259)	404	720	(317)		
3001.A2.04 - Non-Transfer - WCH	149	149	362	0	(213)	7,811	7,811	31,469	0	(23,659)	16,722	42,415	(25,693)		
3001.A2.05 - Non-Transfers - HPM	-	-	15	0	(15)	-	-	225	0	(225)	-	384	(384)		
3001.A4.01 - Request for Services	323	323	781	0	(458)	20,334	20,074	62,754	(260)	(42,680)	42,372	89,713	(47,340)		
3001.A4.02 - HAMMER RFSS	3	3	289	0	(286)	154	154	10,814	0	(10,660)	347	13,763	(13,416)		
3001.A4.03 - National Guard RFSS	0	0	-	0	0	6	6	1,550	0	(1,543)	14	1,556	(1,542)		
3001.A4.04 - PNNL RFSS	20	20	141	0	(121)	1,103	1,103	8,177	0	(7,074)	2,295	10,481	(8,186)		
3001.A5.01 - RL PD	54	54	81	0	(27)	846	846	1,839	0	(993)	4,324	5,806	(1,482)		
3001.A5.02 - ORP PD	-	-	113	0	(113)	-	-	2,131	0	(2,131)	-	3,461	(3,461)		
3001.A7.01 - G&A Liquidations	(1,544)	(1,544)	(1,662)	0	118	(74,663)	(74,663)	(91,216)	0	16,553	(171,299)	(190,520)	19,221		
3001.A7.02 - DLA Liquidations	(745)	(745)	(976)	0	231	(28,896)	(28,896)	(43,856)	0	14,960	(75,935)	(94,775)	18,839		
3001.A7.03 - Variable Pools Revenue	(4,080)	(4,080)	(4,571)	0	491	(181,336)	(181,336)	(271,616)	0	90,280	(434,926)	(534,936)	100,010		
3001.B1.01 - UBS Assessments for Other Providers	2	2	-	0	2	122	122	-	0	122	274	-	274		
3001.B1.02 - UBS Other MSA - HAMMER M&O	10	10	-	0	10	513	513	-	0	513	1,212	-	1,212		
3001.B1.03 - Assessments for Other Provided Services	101	101	-	0	101	5,160	5,160	-	0	5,160	12,342	-	12,342		
3001.B1.04 - Assessments for PRC Services to MSC	58	58	-	0	58	3,614	3,614	-	0	3,614	7,618	-	7,618		
3001.B1.07 - Request for Services	16	16	-	0	16	820	820	-	0	820	1,861	-	1,861		





Table 4-1, cont. Format 1, DD Form 2734/1, Work Breakdown Structure.

CONTRACT PERFORMANCE REPORT												DOLLARS IN Thousands			FORM APPROVED OMB No. 0704-0188		
FORMAT 1 - WORK BREAKDOWN STRUCTURE																	
1. Contractor		2. Contract			3. Program			4. Report Period									
a. Name		a. Name			a. Name			a. From (2013/10/28)									
b. Location (Address and Zip Code)		b. Number			b. Phase			b. To (2013/11/24)									
c. TYPE		d. Share Ratio			c. EVMS ACCEPTANCE												
Item (1)	Current Period					Cumulative to Date					At Completion						
	Budgeted Cost		Actual Cost	Variance		Budgeted Cost		Actual Cost	Variance		Budgeted (12)	Estimated (13)	Variance (14)				
	Work Scheduled (2)	Work Performed (3)	Work Performed (4)	Schedule (5)	Cost (6)	Work Scheduled (7)	Work Performed (8)	Cost Work Performed (9)	Schedule (10)	Cost (11)							
a2. WORK BREAKDOWN STRUCTURE ELEMENT																	
b2. COST OF MONEY																	
c2. GENERAL AND ADMINISTRATIVE																	
d2. UNDISTRIBUTED BUDGET											35,342	0	35,342				
e2. SUBTOTAL (Non - Performance Measurement Baseline)	6,716	6,716	8,356	0	(1,640)	336,135	335,875	555,516	(260)	(219,642)	822,292	1,010,399	(188,107)				
f. MANAGEMENT RESERVE											83	83	0				
g. TOTAL	24,851	24,600	25,762	(251)	(1,162)	1,333,518	1,332,667	1,634,059	(852)	(301,392)	3,132,801	3,384,069	(251,268)				
9. RECONCILIATION TO CONTRACT BUDGET BASE																	
a. VARIANCE ADJUSTMENT																	
b. TOTAL CONTRACT VARIANCE																	



5.0 FORMAT 2, DD FORM 2734/2, ORGANIZATIONAL CATEGORIES

Table 5-1. Format 2, DD Form 2734/2, Organization Categories.

CONTRACT PERFORMANCE REPORT													DOLLARS IN Thousands		FORM APPROVED OMB No. 0704-0188	
FORMAT 2 - ORGANIZATIONAL CATEGORIES																
1. Contractor			2. Contract			3. Program			4. Report Period							
a. Name Mission Support Alliance			a. Name Mission Support Contract			a. Name Mission Support Contract			a. From (2013/10/28)							
b. Location (Address and Zip Code) Richland, WA 99352			b. Number RL14728			b. Phase Operations			b. To (2013/11/24)							
c. TYPE CPAF			d. Share Ratio			c. EVMS ACCEPTANCE NO X YES										
5. PERFORMANCE DATA																
Item	Current Period						Cumulative to Date				At Completion					
	Budgeted Cost		Actual Cost Work Performed (4)	Variance		Budgeted Cost		Actual Cost Work Performed	Variance		Budgeted (12)	Estimated (13)	Variance (14)			
	Work Scheduled (2)	Work Performed (3)		Schedule (5)	Cost (6)	Work Scheduled (7)	Work Performed (8)		Schedule (10)	Cost (11)						
a. ORGANIZATIONAL CATEGORY																
BUSINESS OPERATIONS	314	314	643	0	(329)	25,629	25,629	31,600	(0)	(5,971)	45,954	55,738	(9,784)			
EMERGENCY SERVICES	6,398	6,398	6,704	0	(306)	346,752	346,752	369,826	0	(23,074)	748,808	786,013	(37,205)			
ENERGY & ENVIRONMENTAL SERVICES	2,788	2,788	1,803	0	984	143,744	143,590	104,037	(155)	39,553	322,050	274,767	47,282			
HUMAN RESOURCES	218	218	219	0	(1)	10,370	10,370	9,715	0	654	24,144	23,789	355			
INFORMATION MANAGEMENT	2,499	2,499	1,848	0	651	123,021	123,021	138,472	(0)	(15,451)	280,172	293,922	(13,751)			
INTERFACE MANAGEMENT	61	61	155	0	(95)	2,992	2,992	7,405	(0)	(4,413)	6,952	12,306	(5,353)			
PORTFOLIO MANAGEMENT	515	515	486	0	29	26,932	26,932	32,981	0	(6,049)	59,669	66,121	(6,452)			
PRESIDENT'S OFFICE	156	156	88	0	68	7,939	7,939	6,207	(0)	1,732	18,152	16,052	2,100			
PROJECT PLANNING & INTEGRATION	629	379	276	(251)	103	67,396	67,129	62,842	(267)	4,287	235,551	227,622	7,929			
SAFETY, HEALTH, QUALITY & TRAINING	1,234	1,234	1,809	0	(575)	72,013	72,013	114,189	0	(42,176)	147,019	198,165	(51,145)			
SITE INFRASTRUCTURE & LOGISTICS	3,324	3,324	3,375	(0)	(51)	170,596	170,425	201,269	(170)	(30,843)	377,170	419,092	(41,922)			
b. COST OF MONEY																
c. GENERAL AND ADMINISTRATIVE																
d. UNDISTRIBUTED BUDGET																
e. SUBTOTAL (Performance Measurement Baseline)	18,135	17,884	17,406	(251)	478	997,384	996,792	1,078,543	(591)	(81,750)	2,310,426	2,373,587	(63,161)			

Table 5-1, cont. Format 2, DD Form 2734/2, Organization Categories.



CONTRACT PERFORMANCE REPORT												DOLLARS IN Thousands		FORM APPROVED OMB No. 0704-0188	
FORMAT 2 - ORGANIZATIONAL CATEGORIES															
1. Contractor			2. Contract			3. Program			4. Report Period						
a. Name Mission Support Alliance			a. Name Mission Support Contract			a. Name Mission Support Contract			a. From (2013/10/28)						
b. Location (Address and Zip Code) Richland, WA 99352			b. Number CPAF			b. Phase c. EVMS ACCEPTANCE NO X YES			b. To (2013/11/24)						
5. PERFORMANCE DATA															
Item	Current Period					Cumulative to Date					At Completion				
	Budgeted Cost		Actual Cost	Variance		Budgeted Cost		Actual Cost Work Performed	Variance		Budgeted (12)	Estimated (13)	Variance (14)		
	Work Scheduled (2)	Work Performed (3)	Work Performed (4)	Schedule (5)	Cost (6)	Work Scheduled (7)	Work Performed (8)		Schedule (10)	Cost (11)					
a2. ORGANIZATIONAL CATEGORY															
BUSINESS OPERATIONS	6,044	6,044	(181)	0	6,225	298,141	298,141	(32,573)	0	330,714	703,899	292,728	411,170		
EMERGENCY SERVICES	150	150	186	0	(36)	7,481	7,470	16,066	(11)	(8,596)	17,787	26,573	(8,787)		
ENERGY & ENVIRONMENTAL SERVICES	(0)	(0)	1,310	0	(1,310)	2,547	2,520	60,242	(27)	(57,722)	2,547	75,007	(72,460)		
HUMAN RESOURCES	149	149	697	0	(548)	7,152	7,152	46,126	(0)	(38,974)	16,538	61,800	(45,262)		
INFORMATION MANAGEMENT	70	70	1,176	0	(1,107)	4,829	4,614	71,431	(215)	(66,817)	9,348	87,093	(77,745)		
INTERFACE MANAGEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0		
PORTFOLIO MANAGEMENT	-	-	35	0	(35)	-	-	2,234	0	(2,234)	-	2,597	(2,597)		
PRESIDENT'S OFFICE	264	264	390	0	(125)	13,354	13,354	20,137	(0)	(6,783)	30,862	39,914	(9,052)		
PROJECT PLANNING & INTEGRATION	22	22	12	0	9	1,222	1,222	5,382	(0)	(4,160)	2,641	6,809	(4,169)		
SAFETY, HEALTH, QUALITY & TRAINING	38	38	1,164	0	(1,126)	1,665	1,665	80,917	0	(79,252)	4,131	95,831	(91,701)		
SITE INFRASTRUCTURE & LOGISTICS	(21)	(21)	3,567	0	(3,588)	(256)	(263)	285,555	(8)	(285,818)	(802)	322,046	(322,848)		
b2. COST OF MONEY															
c2. GENERAL AND ADMINISTRATIVE															
d2. UNDISTRIBUTED BUDGET															
e2. SUBTOTAL (Non - Performance Measurement Baseline)	6,716	6,716	8,356	0	(1,640)	336,135	335,875	555,516	(260)	(219,642)	822,292	1,010,399	(188,107)		
f. MANAGEMENT RESERVE															
g. TOTAL	24,851	24,600	25,762	(251)	(1,162)	1,333,518	1,332,667	1,634,059	(852)	(301,392)	3,132,801	3,384,069	(251,268)		



6.0 FORMAT 3, DD FORM 2734/3, BASELINE

Table 6-1. Format 3, DD Form 2734/3, Baseline.

CONTRACT PERFORMANCE REPORT														FORM APPROVED		
FORMAT 3 - BASELINE														OMB No. 0704-0188		
DOLLARS IN Thousands																
1. Contractor			2. Contract			3. Program			4. Report Period							
a. Name			a. Name			a. Name			a. From (2013/10/28)							
Mission Support Alliance			Mission Support Contract			Mission Support Contract										
b. Location (Address and Zip Code)			b. Number			b. Phase			b. To (2013/11/24)							
Richland, WA 99352			RL14728			Operations										
c. TYPE			d. Share Ratio			c. EVMS ACCEPTANCE										
CPAF						No X Yes										
5. CONTRACT DATA																
a. ORIGINAL NEGOTIATED COST			b. NEGOTIATED CONTRACT CHANGES		c. CURRENT NEGOTIATED COST (a+b)		d. ESTIMATED COST OF UNAUTHORIZED UNPRICED WORK			e. CONTRACT BUDGET BASE (C+D)		f. TOTAL ALLOCATED BUDGET		g. DIFFERENCE (E - F)		
\$2,854,966			\$277,350		\$3,132,316		\$507			\$3,132,822		\$3,132,801		\$21		
h. CONTRACT START DATE			i. CONTRACT DEFINITIZATION DATE			j. PLANNED COMPLETION DATE			k. CONTRACT COMPLETION DATE		l. ESTIMATED COMPLETION DATE					
2009/05/24			2009/05/24			2019/05/25			2019/05/25		2019/05/25					
6. PERFORMANCE DATA																
ITEM (1)	BCWS CUMULATIVE TO DATE (2)	BCWS FOR REPORT PERIOD (3)	BUDGETED COST FOR WORK SCHEDULED (BCWS) (Non-Cumulative)												UNDISTRIBUTED BUDGET (15)	TOTAL BUDGET (16)
			Six Month Forecast By Month						Remaining FY 14 (10)	FY 15 (11)	FY 16 (12)	FY 17 (13)	FY 18-19 (14)			
			Dec-13 (4)	Jan-14 (5)	Feb-14 (6)	Mar-14 (7)	Apr-14 (8)	May-14 (9)								
a. PERFORMANCE MEASUREMENT BASELINE (Beginning of Period)	979,249	18,135	15,704	18,056	15,935	15,931	16,232		178,600	228,604	210,182	210,934	358,062	44,996	2,310,620	
b. BASELINE CHANGES AUTHORIZED DURING REPORT PERIOD	18,135	(18,135)	117	44	28	20	17	101,707	(101,915)	0	(0)	(0)	(0)	(211)	(194)	
a. PERFORMANCE MEASUREMENT BASELINE (End of Period)	997,384		15,821	18,099	15,963	15,951	16,249	101,707	76,685	228,604	210,182	210,934	358,062	44,785	2,310,426	

Table 6-1, cont. Format 3, DD Form 2734/3, Baseline.



DOLLARS IN Thousands

FORM APPROVED
OMB No. 0704-0188

1. Contractor		2. Contract		3. Program			4. Report Period										
a. Name Mission Support Alliance		a. Name Mission Support Contract		a. Name Mission Support Contract			a. From (2013/10/28)										
b. Location (Address and Zip Code) Richland, WA 99352		b. Number RL14728		b. Phase Operations			b. To (2013/11/24)										
c. TYPE CPAF		d. Share Ratio		c. EVMS ACCEPTANCE No X Yes													
6. PERFORMANCE DATA																	
ITEM	BCWS CUMULATIVE TO DATE (2)	BCWS FOR REPORT PERIOD (3)	BUDGETED COST FOR WORK SCHEDULED (BCWS) (Non-Cumulative)												UNDISTRIBUTED BUDGET (15)	TOTAL BUDGET (16)	
			Six Month Forecast By Month								Remaining FY 14 (10)	FY 15 (11)	FY 16 (12)	FY 17 (13)			FY 18-19 (14)
			Dec-13 (4)	Jan-14 (5)	Feb-14 (6)	Mar-14 (7)	Apr-14 (8)	May-14 (9)									
a2. NON - PERFORMANCE MEASUREMENT BASELINE (Beginning of Period)	329,419	6,716	5,891	6,755	6,396	7,551	6,481		35,718	80,627	83,336	81,605	135,725	35,131	821,350		
b2. BASELINE CHANGES AUTHORIZED DURING REPORT PERIOD	6,716	(6,716)	11	14	12	12	13	7,091	(7,021)	133	137	143	187	211	942		
a2. NON - PERFORMANCE MEASUREMENT BASELINE (End of Period)	336,135		5,902	6,768	6,408	7,563	6,494	7,091	28,697	80,760	83,472	81,748	135,912	35,342	822,292		
7. MANAGEMENT RESERVE															83		
8 TOTAL	1,333,519		21,723	24,868	22,371	23,514	22,743	108,798	105,382	309,364	293,654	292,682	493,974	80,127	3,132,801		



7.0 FORMAT 4, DD FORM 2734/4, STAFFING

Table 7-1. Format 4, DD Form 2734/4 Staffing.

Contract Performance Report Format 4 - Staffing-FTE											Form Approved OMB No. 0704-0188			
1. Contractor			2. Contract				3. Program				4. Report Period			
a. Name Mission Support Alliance			a. Name Mission Support Contract				a. Name Mission Support Contract				a. From (2013/10/28)			
b. Location Richland, WA 99352			b. Number RL14728				b. Phase Operations				b. To (2013/11/24)			
			c. Type CPAF		d. Share Ratio		c. EVMS Acceptance NO X YES							
5. Performance Data														
Organizational Category (1)	Actual Current Period (2)	Actual Current Period (cumulative) (3)	Forecast (Non-Cumulative)											
			Six Month Forecast By Month						Enter Specified Periods					
			Dec-13 (4)	Jan-14 (5)	Feb-13 (6)	Mar-13 (7)	Apr-14 (8)	May-14 (9)	Remaining FY 14 (10)	FY 15 (11)	FY 16 (12)	FY 17 (13)	FY 18-19 (14)	
BUSINESS OPERATIONS	30	30	33	33	33	34	34	34	34	35	25	25	25	25
EMERGENCY SERVICES	475	466	501	502	498	493	497	494	499	499	451	441	441	442
ENERGY & ENVIRONMENTAL SERVICES	90	91	96	96	87	86	86	85	87	87	46	46	46	46
HUMAN RESOURCES	23	23	29	29	27	27	27	27	27	27	20	20	20	20
INFORMATION MANAGEMENT	35	36	39	38	38	38	38	37	38	41	40	40	40	40
INTERFACE MANAGEMENT	6	6	6	6	6	6	6	6	6	6	5	5	5	5
PORTFOLIO MANAGEMENT	18	19	19	19	17	17	17	17	20	35	35	34	34	35
PRESIDENT'S OFFICE	6	6	6	6	6	6	6	6	6	6	5	5	5	5
PROJECT PLANNING & INTEGRATION	15	15	18	13	4	3	3	2	2	25	25	25	25	25
SAFETY, HEALTH & QUALITY & TRAINING	108	108	108	109	110	109	110	110	110	85	85	85	85	85
SITE INFRASTRUCTURE & LOGISTICS	198	197	206	223	223	224	225	222	221	193	193	187	187	187
Subtotal - Direct (Performance Measurement Baseline)	1,004	997	1,061	1,073	1,050	1,042	1,049	1,040	1,050	931	920	913	913	915



Table 7-1, cont. Format 4, DD Form 2734/4 Staffing.

Contract Performance Report Format 4 - Staffing-FTE													Form Approved OMB No. 0704-0188	
1. Contractor			2. Contract				3. Program			4. Report Period				
a. Name Mission Support Alliance			a. Name Mission Support Contract				a. Name Mission Support Contract			a. From (2013/10/28)				
b. Location Richland, WA 99352			b. Number RL14728				b. Phase Operations			b. To (2013/11/24)				
			c. Type CPAF		d. Share Ratio		c. EVMS Acceptance NO X YES							
5. Performance Data														
Organizational Category (1)	Actual Current Period (2)	Actual Current Period (cumulative) (3)	Forecast (Non-Cumulative)											
			Six Month Forecast By Month						Enter Specified Periods					
			Dec-13 (4)	Jan-14 (5)	Feb-13 (6)	Mar-13 (7)	Apr-14 (8)	May-14 (9)	Remaining FY 14 (10)	FY 15 (11)	FY 16 (12)	FY 17 (13)	FY 18-19 (1)	
BUSINESS OPERATIONS	45	45	50	50	47	47	47	47	47	47	184	184	184	184
EMERGENCY SERVICES	8	7	8	8	8	8	8	8	8	8	6	6	6	6
ENERGY & ENVIRONMENTAL SERVICES	87	88	85	90	83	84	84	89	86	86	0	0	0	0
HUMAN RESOURCES	19	19	21	20	21	20	20	21	20	20	9	8	8	8
INFORMATION MANAGEMENT	10	11	11	11	11	10	10	10	10	10	8	8	8	9
INTERFACE MANAGEMENT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PORTFOLIO MANAGEMENT	2	2	2	2	2	2	2	2	2	2	-	-	-	-
PRESIDENT'S OFFICE	22	21	24	24	24	24	24	24	24	24	17	17	17	17
PROJECT PLANNING & INTEGRATION	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SAFETY, HEALTH & QUALITY & TRAINING	82	80	84	83	81	81	82	82	81	81	52	53	44	38
SITE INFRASTRUCTURE & LOGISTICS	292	291	292	290	289	288	290	288	291	291	128	128	128	123
Subtotal - Non Direct (Non- Performance Measurement Baseline)	566.2	565.5	576.6	578.2	566.7	565.9	567.3	571.7	570.3	570.3	404.9	405.5	396.4	386.4
6. Total	1,570.2	1,562.2	1,637.5	1,650.8	1,616.3	1,607.9	1,615.9	1,612.1	1,620.5	1,335.6	1,325.4	1,309.3	1,301.1	



8.0 FORMAT 5, DD FORM 2734/5, EXPLANATIONS AND PROBLEM ANALYSIS

Table 8-1. Format 5, DD Form 2734/5, Explanations and Problem Analysis.

Contract Performance Report Format 5			
1. Contractor	2. Contract	3. Program	4. Report Period
a. Name Mission Support Alliance	a. Name Mission Support Contract	a. Name Mission Support Contract	a. From (2013/10/28)
b. Location (Address and Zip Code) Richland, WA 99352	b. Number RL14728	b. Phase Operations	b. To (2013/11/24)
	c. Type CPAF	d. Share Ratio	
5. Evaluation			
<p>Explanation of Variance / Description of Problem:</p> <p>Cumulative Cost Variance:</p> <p>In early 2009, the Hanford Site received funding associated with the <i>American Recovery and Reinvestment Act of 2009</i> (ARRA). The predecessor contractor staffed up to meet the growing demand associated with the increased funding provided to other Hanford contractors. In July 2009, the MSA was directed to continue with the support to other Hanford contractor’s ARRA work scope under Site Basic Services and Usage-Based Services.</p> <p>MSA’s proposed technical and management approach centered on right-sizing and re-shaping the MSA workforce, providing the staffing plan needed to perform the proposed scope of work. This staffing plan identified the skill categories and personnel numbers required to accomplish each scope of work element. In addition, this staffing plan resulted in a lower composite labor rate than existed at the time of Final Proposal Revision (FPR) submittal. After contract award, in the Baseline Update Guidance received July 2009, MSA was directed not to implement workforce restructuring through FY 2011. This direction not only increased the size of the MSA workforce from that included in the FPR but it also resulted in an increase in the composite labor rate at the start of operations.</p> <p>After the original submittal of the FPR it was determined that the MSA had incorrectly factored the cost of the Hanford Site Savings Plan (HSPP) and the Hanford Employee Welfare Trust (HEWT) into the labor rates. This was disclosed to the MSA in the Source Selection Evaluations Board’s (SEB) Debrief of the Mission Support Contract (MSC) in May 2009. MSA is currently processing proposals to account for this cost impact. During FY12 and FY13 MSA received contract modifications associated with pension cost and labor adder adjustments which increased the contract value.</p>			



Table 8-1, cont. Format 5, DD Form 2734/5, Explanations and Problem Analysis.

1. Contractor	2. Contract	3. Program	4. Report Period
a. Name Mission Support Alliance	a. Name Mission Support Contract	a. Name Mission Support Contract	a. From (2013/10/28)
b. Location (Address and Zip Code) Richland, WA 99352	b. Number RL14728	b. Phase Operations	b. To (2013/11/24)
	c. Type CPAF	d. Share Ratio	
5. Evaluation			
<p>During October of 2011, MSA completed re-aligning the baseline to the negotiated contract, and using the approved change control process, implemented the re-aligned baseline data for the start of FY12. DOE-RL provided approval of the baseline data to report progress against, but also provided an approved and funded priority list of items for MSA work scope. The contract to date variance is primarily due to the RL approved funding and priority list scope being divergent from the baseline.</p> <p>Cumulative Schedule Variance:</p> <p>The unfavorable variance is primarily due to delays in the White Bluff Bank design for rehabilitation. The facility required safety enhancements to roof beams prior to allowing the design subcontractor enter the facility to perform measurements. In addition, installation and training delays have been experienced to date on project L-761, HSPD12 implementation is behind schedule, and A-014 carryover funding was not approved. The negative cumulative schedule variance is partially offset by a positive variance on project L-785 that is associated with utilizing a Design-Build to accelerate field construction activities.</p> <p>Impact:</p> <p>Cumulative Cost Variance:</p> <p>The spending forecast (EAC) will highlight the divergent data. There is no impact to the FY 2013 funded priority list of work scope that was approved by DOE-RL.</p> <p>Cumulative Schedule Variance:</p> <p>There are no cumulative schedule variance impacts on the program.</p>			



Table 8-1, cont. Format 5, DD Form 2734/5, Explanations and Problem Analysis.

1. Contractor	2. Contract		3. Program	4. Report Period
a. Name	a. Name		a. Name	a. From (2013/10/28)
b. Location (Address and Zip Code) Richland, WA 99352	b. Number		b. Phase	b. To (2013/11/24)
	c. Type	d. Share Ratio	c. EVMS Acceptance	
<p>Corrective Action:</p> <p>Cumulative Cost Variance: MSA has prepared and submitted contract change proposals to align the contract baseline with the RL approved scope and associated funding. The divergent data will continue until these proposals are definitized.</p> <p>Cumulative Schedule Variance: B-Reactor management expects to recover schedule on facility roof design efforts and rehabilitation of White Bluffs Bank Building by the end of CY 2013.</p> <p>Negotiated Contract Changes: The Negotiated Contract Cost of \$3,132.3M did not change this reporting period.</p> <p>Changes in Estimated Cost of Authorized / Unpriced Work: The Estimated Cost of Authorized / Unpriced Work of \$0.5M did not change this reporting period.</p> <p>Changes in Estimated Price: The Estimated Price of \$3,593.5 is based on the Most Likely Management EAC (MEAC) of \$3,384.1M and fee of \$209.4M. The Most Likely MEAC reflects recognition of significant additional work scope in FY 2009 through FY 2011 related to ARRA support activities to site contractors, and other DOE authorized activities beyond the original contract assumptions.</p>				



Table 8-1, cont. Format 5, DD Form 2734/5, Explanations and Problem Analysis.

1. Contractor	2. Contract	3. Program	4. Report Period
a. Name	a. Name	a. Name	a. From (2013/10/28)
b. Location (Address and Zip Code) Richland, WA 99352	b. Number	b. Phase	b. To (2013/11/24)
	c. Type	d. Share Ratio	
<p>Differences between EAC's [Format 1, Column (13) (e): In early 2009, the Hanford Site received funding associated with the <i>American Recovery and Reinvestment Act of 2009</i> (ARRA). The predecessor contractor staffed up to meet the growing demand associated with the increased funding provided to other Hanford contractors. In July 2009, the MSA was directed to continue with the support to other Hanford contractor's ARRA work scope under Site Basic Services and Usage-Based Services.</p> <p>MSA's proposed technical and management approach centered on right-sizing and re-shaping the MSA workforce, providing the staffing plan needed to perform the proposed scope of work. This staffing plan identified the skill categories and personnel numbers required to accomplish each scope of work element. In addition, this staffing plan resulted in a lower composite labor rate than existed at the time of Final Proposal Revision (FPR) submittal. After contract award, in the Baseline Update Guidance received July 2009, MSA was directed not to implement workforce restructuring through FY 2011. This direction, not only increased the size of the MSA workforce from that included in the FPR, but also resulted in an increase in the composite labor rate at the start of operations. After the original submittal of the FPR, it was determined that the MSA had incorrectly factored into the rates cost for the Hanford Site Savings Plan (HSPP) and the Hanford Employee Welfare Trust (HEWT). This was disclosed to the MSA in the Source Selection Evaluations Board's (SEB) Debrief of the Mission Support Contract (MSC) in May 2009. MSA received contract modifications for pension/labor cost adjustments in FY 2012 for \$30.3M and in FY 2013 for \$36.2M. MSA recently received contract modifications for pension costs and labor adjustments for FY2009 through FY 2011 for \$25.0M. Similar contract modifications for pension and labor adders are expected to be negotiated for the remaining contract periods. During October of 2011, MSA completed re-aligning the baseline to the negotiated contract, and using the approved change control process, implemented the re-aligned baseline data for the start of FY12. DOE-RL provided approval of the baseline data to report progress against, but also provided an approved and funded priority list of items for MSA work scope. The variance is due to the RL approved funding and priority list scope being divergent from the baseline.</p> <p>Changes in Undistributed Budget: The Undistributed Budget of \$80.1M did not change this reporting period.</p> <p>Changes in Management Reserve: The Management Reserve of \$0.083M did not change this reporting period.</p>			



Table 8-1, cont. Format 5, DD Form 2734/5, Explanations and Problem Analysis.

1. Contractor	2. Contract		3. Program	4. Report Period
a. Name	a. Name		a. Name	a. From (2013/10/28)
b. Location (Address and Zip Code) Richland, WA 99352	b. Number		b. Phase	b. To (2013/11/24)
	c. Type	d. Share Ratio	c. EVMS Acceptance	
<p>Differences in the Performance Measurement Baseline: The Performance Measurement Baseline was revised from \$2,310.6 to \$2,310.4, a \$0.2M decrease this reporting period. The change is due to the implementation of administrative baseline change requests VMSA-14-004, "Mods 314 and 316 - FY 09, 10, 11 Cost Growth Split Between SWS and UBS for Undistributed Budget", for \$0.2M.</p> <p>Differences in the Non - Performance Measurement Baseline: The Non-Performance Measurement Baseline was revised from \$821.3M to \$822.3M , an increase of \$1M this reporting period. The change is due to:</p> <p>The implementation of administrative baseline change requests VMSA-14-004, "Mods 314 and 316 - FY 09, 10, 11 Cost Growth Split Between SWS and UBS for Undistributed Budget", for \$0.2M.</p> <p>A correction to administrative baseline change request VMSA-14-001 "Implementation of FY 2014 Base Year Shift, Blended Calendars, and Blended Forward Pricing Rates", which was implemented incorrectly in a prior period for \$0.8M.</p> <p>Best/Worst/Most Likely Management Estimate at Completion (MEAC): The Best Case Management Estimate at Completion assumes the completion of approved workscope at the current contract budget baseline value. The Most Likely Management Estimate at Completion reflects recognition of significant additional work scope in FY 2009, FY2010, and FY 2011 related to ARRA support activities to site contractors, and other DOE authorized activities beyond the original contract assumptions. Contract proposals are in process to modify contract value to incorporate authorized scope changes. Worst case scenario assumes a 5% increase to the Most Likely case scenario.</p>				

9.0 USAGE-BASED SERVICES / DIRECT LABOR ADDER SUMMARY

The Direct Labor Adder (motor carrier, facilities and janitorial) collects the cost of centralized management, support from other, craft indirect time, and non-labor cost like facilities maintenance. These costs are distributed via a rate on direct labor. Usage-Based-Services are services liquidated to customers (internal and external). The Usage-Based Service cost is associated with a service and distributed on a unit rate to the customer based upon requests (“pay by the drink”).

Table 9-1. Usage-Based Services / Direct Labor Adder (DLA) Summary (dollars in thousands).

Fiscal Year 2014 to Date – November 2013				
Account Description	BCWS	ACWP	CV	Liquidation
Direct Labor Adder				
Motor Carrier DLA (3001.04.06.02.01)	260	708	(448)	(755)
Facility Services DLA (3001.04.05.02.01)	837	967	(130)	(1,091)
Janitorial Services DLA (3001.04.05.03)	141	82	59	(94)
Total DLA	1,238	1,757	(519)	(1,940)

ACWP = Actual Cost of Work Performed.

BAC = Budget at Completion.

BCWS = Budgeted Cost of Work Scheduled.

CV = Cost Variance.

Table 9-1, cont. Usage-Based Services / Direct Labor Adder Summary (dollars in thousands).

Fiscal Year 2014 to Date – November 2013				
Account Description	BCWS	ACWP	CV	Liquidation
Usage Based Services				
Training (3001.04.02)	1,804	1,646	158	(1,666)
WSCF (3004.02.05.04)	1,583	1,413	170	(1,560)
HRIP (3001.02.04.02)	0	666	(666)	(644)
Dosimetry (3001.04.02.03)	0	689	(689)	(614)
Work Management (3001.04.13.01)	0	100	(100)	(95)
Courier Services (3001.04.14.06)	29	37	(8)	(38)
Occupancy (3001.04.14.06)	1,020	895	125	(1,049)
Crane & Rigging (3001.04.08.02)	1,358	1,558	(200)	(1,679)
Fleet (3001.04.07.02)	1,107	1454	(347)	(1296)
Total UBS	6,901	8,458	(1,557)	(8,641)
Total DLA / UBS	8,139	10,215	(2,076)	(10,581)

ACWP = Actual Cost of Work Performed.

BAC = Budget at Completion.

BCWS = Budgeted Cost of Work Scheduled.

CV = Cost Variance.

Cost Variance (-2.1M) – The unfavorable cost variance is partially associated with new work scope authorized by RL to MSA, pending negotiations and incorporation into the MSA Contract (Dosimetry and Radiological Instrument Calibration). Additionally site contractors have requested usage based services (UBS) far in excess of assumptions made in the contract proposal. MSA is working with RL on a contract modification proposal to align the MSA contract baseline with contractor UBS requests.



10.0 RELIABILITY PROJECT STATUS

Activity in November was centered on continuing progress on projects carried over from FY 2013. (See table 10-1 below.) For further information concerning accomplishments and issues related to the Reliability Projects, refer to the Project Planning and Integration Service Area section of this report.

Table 10-1. FY12 – FY14 Reliability Projects Summary.

Projects to be Completed (\$000's)												
	Contract to Date - Performance					FY 2012 - FY 2013 - FY 2014			Complete Dates			VAC Cost
	BCWS	BCWP	ACWP	SV	CV	BAC	EAC	% Complete	Complete Date	Forecast Date	Schedule at Complete	
Work Scope Description (RL-40 Projects)												
L-761, Replace RFAR	745.2	643.2	565.7	(102.0)	77.5	794.4	810.1	78%	1/16/14	6/27/14	R	G
HSPD 12	153.3	13.8	14.5	(139.5)	(0.7)	232.8	231.9	7%	2/28/14	5/6/14	Y	G
Work Scope Description (SWS Projects)												
L-785 Permanent Power to Fleet Maintenance Tents	47.8	221.2	136.2	173.4	85.0	225.4	165.1	98%	4/3/14	12/5/13	G	G
L-787 Arc Flash Implementation	490.3	482.4	281.2	(7.9)	201.2	523.0	375.0	89%	12/31/13	1/30/14	G	G

Cost		Schedule	
OK - G	Underspent or 1-10% over	OK - G	On schedule
Over Spent Y	11-30% or 100K Over Spent	Behind Y	Within 30 days
Over Spent R	>30% or 300K Over Spent	Behind R	Greater than 30 days



Variance Explanations

Project L-761, Replace the Radio Fire Alarm Reporter (RFAR)

Contract-to-Date (CTD) Cost Variance (CV) – The current CV is primarily due to increased material cost for the replacement of the Met Tower, rework of interface requirements for the Computer-aided design (CAD) Station in the Federal Building Emergency Response Center, and subcontractor remobilization due to a delay in funding authorization.

Homeland Security Presidential Directive (HSPD)-12

CTD Schedule Variance (SV) – The current schedule variance is associated with no work being performed in October and minimal work being performed in November due to the delay in FY 2013 carryover funding authorization, along with the need for a response from RL regarding the HSPD-12 implementation plan submitted on September 30, 2013.

Project L-785, Permanent Power to Fleet Maintenance Tents

CTD SV – This schedule variance is due to subcontract work being accelerated from four months to one month using design/build process. Field work and outages were expedited in an effort to utilize FY 2013 funds to complete construction and minimize carryover requirements.

CTD CV – The subcontract bid came in lower than estimated. Work was accelerated from four months to one month using design/build process. Internal support hours were less than anticipated with the expedited schedule.

Project L-787, Arc Flash Implementation

CTD CV – The cost variance is due to the following efficiencies: Project was able to utilize many of the HAMMER calculations which had recently been performed; data gathering and field labeling at 283 West and 6290 facilities were performed more efficiently than anticipated.

Table 10-2. Reliability Projects Schedule.

RPSUM CU - Summary RP Schedule for Melodee - Current Layout: MSA - Summ RP Sched - Melodee - CU		Mission Support Alliance								Page 1 of 1											
WBS	Activity ID	Activity Name	OD	RD	% Comp	Baseline Start	Baseline Finish	Forecast Start	Forecast Finish	2013 2014											
										O	N	D	J	F	M	A	M	J	Ju	A	S
RPSUM CU	HSPD-12	HSPD-12 Logical Access Control	123	111	7%	26-Aug-13	21-Feb-14	26-Aug-13 A	06-May-14												
RPSUM CU	L-761	L-761, Replace RFAR	217	148	78%	08-Oct-12	16-Jan-14	22-Oct-12 A	27-Jun-14												
RPSUM CU	L-787	L-787, Arc Flash Implementation Plan	157	44	89%	10-Jun-13	30-Jan-14	10-Jun-13 A	30-Jan-14												

Remaining Work
 Actual Work
 Baseline

MSC - Reliability Projects
FY13 Summary Schedule
 Data Date: 24-Nov-13





11.0 BASELINE CHANGE REQUEST LOG

Six Baseline Change Requests (BCRs) were processed in November.

Six BCRs were Administrative in Nature:

- VMSA-14-003 –Administrative BCR – Incorporate Contract Changes to Human Resources and HAMMER into the Technical Baseline
- VMSA-14-004 Rev 1 – Administrative BCR – Mods 314 and 316 – FY 2009, 2010, 2011 Cost Growth Split Between SWS and UBS for Undistributed Budget
- VMSA-14-005 – Administrative BCR – Contract Modification 326 and 327 for FY 2014 Fee
- VSWS-14-003 – Administrative BCR – Establish a Level 5 WBS under IR/CM Facility Management and Move Budget from IM Project Planning & Controls for FY 2014 through FY 2019
- VSWS-14-004 – Administrative BCR – L-787 Arc Flash Extend Schedule End Date Due to Delayed Authorization of FY 2013 Carryover
- VSWS-14-005 – Administrative BCR – Create Level 3 WBS for Maintenance Management Program and Move Contract Value from WBS 3001.04.10.03.01 for FY 2014 through FY 2019



Table 11-1. Consolidated Baseline Change Log (dollars in thousands).

Consolidated Baseline Change Log											
\$ in thousands											
		CONTRACT PERIOD BUDGET						POST CONTRACT BUDGET			
PBS / Other	Reporting Baseline	FY14 Budget	FY14 Management Reserve	Contract PMB	Contract PMB Mgmt Reserve	Contract Performance Budget (CPB)	Cum Contract Period	Post Contract Budget	Post Contract Mgmt Reserve	Total Lifecycle	Cum Lifecycle Budget
Prior PMB Total	Oct 2013	256,098		1,302,856		1,302,856	1,302,856	1,007,781		2,310,637	2,310,637
VMSA-14-003		0		0		0	1,302,856	0		0	2,310,637
VMSA-14-004 Rev 1		(211)		(211)		(211)	1,302,644	0		(211)	2,310,426
VSWS-14-003		0		0		0	1,302,644	0		0	2,310,426
VSWS-14-004		0		0		0	1,302,644	0		0	2,310,426
VSWS-14-005		0		0		0	1,302,644	0		0	2,310,426
Revised PMB Total	Nov 2013	255,887		1,302,644		1,302,644		1,007,781		2,310,426	
Prior Non-PMB Total	Oct 2013	115,752		440,189		440,189	440,189	381,893		822,081	822,081
VMSA-14-004 Rev 1		211		211		211	440,400	0		211	822,292
Revised Non-PMB Total	Nov 2013	115,963		440,400		440,400		381,893		822,292	
Total Contract Performance Baseline	Nov 2013	371,850		1,743,044		1,743,044	1,743,044	1,389,674		3,132,718	
Management Reserve	Oct 2013		83		83	83			0	83	83
Revised Management Reserve	Nov 2013		83		83	83			0	83	83
Total Contract Budget Base						1,743,127		1,389,674		3,132,801	
Prior Fee Total	Oct 2013	20,774		111,773		111,773		97,685		209,458	209,458
VMSA-14-005		(1,203)		(1,203)		(1,203)	(1,203)	1,203		0	209,458
Revised Fee Total	Nov 2013	19,571		110,569		110,569		98,888		209,458	
Change Log Total	Nov 2013					1,853,696		1,488,562		3,342,258	

A rev to BCR VMSA-14-001 needs to be completed due to a change in Funding Sources which created an over/under in HANDI (\$5k). RL 40 Reliability Project \$5k over, SWS \$5k under which nets to zero.

NOTE: The following BCRs have been placed in Undistributed Budget and will be detailed planned in the COBRA in the coming months.

VMSA-13-012 Rev 2 Allocation of Undistributed Budget for Contract Modification 238 and 245, Labor and Pension Cost Growth (\$2,945.4K is left in SWS and will be reinstated as work is definitized).

VMSA-13-020 Rev 0 Mod 258 - Definitization of FY 2009, 2010, 2011 Labor Burden Cost Growth Proposal - Place in Undistributed Budget (\$24,958.6K).

VMSA-13-020 Rev 1 Mod 260 - Definitization of FY 2009, 2010, 2011 Cost Growth Proposal for WBS C.2.1.X and C.2.5.X - Place in Undistributed Budget (\$615.2K).

VMSA-13-020 Rev 3 Mod 265 - Definitization of FY2009, 2010, 2011 Cost Growth for WBS C.2.3.X, C.3.3.1, C.3.4.1, C.3.5.1, C.3.6.1 - Place in Undistributed Budget (\$4,950.2K).

VMSA-13-020 Rev 4 Mod 268 - Definitization of FY2009, 2010, 2011 Cost Growth for WBS C.2.4.1, C.2.4.2, C.2.4.3, C.2.4.4 and C.2.4.5 - Place in Undistributed Budget (\$937.9K).

VMSA-13-020 Rev 5 Mod 269 - Definitization of FY2009, 2010, 2011 Cost Growth for WBS C.2.2.X, C.3.1.X, and C.3.2.1 - Place in Undistributed Budget (\$301.7K).

VMSA-13-020 Rev 6 Mod 270 - Definitization of FY2009, 2010, 2011 Cost Growth for WBS C.3.10.1, C.3.11.1, C.3.12.1, C.3.13.1, C.3.14.1, C.3.15.1 and C.4.1.1 - Place in Undistributed Budget (\$8,407.9K).

VMSA-13-020 Rev 7 Mod 272 - Definitization of FY2009, 2010, 2011 Cost Growth for WBS H.2.1.1, H.6.1.1, H.10.1.1 and H.11.1.1 - Place in Undistributed Budget (\$20,023.7K).

VMSA-13-020 Rev 8 Mod 273 - Definitization of FY2009, 2010, 2011 Cost Growth for WBS H.12.1.1, H.22.1.1, H.33.1.1, H.33.3.1, H.37.1.1, H.41.1.1, C.3.7.1 and C.3.9.1 - Place in Undistributed Budget (\$1,580.1K).

VMSA-13-020 Rev 9 Mod 274 - Definitization of FY2009, 2010, 2011 Cost Growth for WBS 3001.A1.0X, 3001.A2.X and 3001.A4.0X - Place in Undistributed Budget (\$15,406.5K).

VMSA-14-004 Administrative BCR - Mods 315, 317, 318, 319, 320 - FY 09, 10, 11 Cost Growth Split Between SWS and UBS for Undistributed Budget (SWS [\$35,130.8K] and UBS \$35,130.8K).

VMSA-14-004 Rev 1 Administrative BCR - Mods 314 and 316 - FY 09, 10, 11 Cost Growth Split Between SWS and UBS for Undistributed Budget (SWS [\$211.3K] and UBS \$211.3K).



12.0 RISK MANAGEMENT

November 2013 risk management efforts, aiding in completing the overall Mission Support Alliance, LLC (MSA) risk determination, include the following:

- Risk Profiles and Risk Handling Plans (RHPs) were updated:
 - Risk Profiles include: top risks, an expected management reserve requirement, and a heat map, which displays the department risks in accordance to their risk scoring. These risk profiles, or “scorecards,” will serve as a fundamental management tool in the monthly Financial Management Review meeting.
 - RHPs are mandatory for risks with a priority score of a 4 or 5 and are tracked on the MSA Dashboard. The RHPs were reviewed and updated as appropriate.
- Project Risks were reviewed and updated as appropriate.
- The Risk Management Board Meeting was held and included November risk data.
 - The Risk Management Board approved the following items:
 - New Risks included: Two new mission risks, and 4 new project risks.
 - Closed risks included: Two business risks, and 347 project risks.
 - All risks tied to inactive projects were closed.
 - New Risk Handling Plans: One new risk handling plan.

90-Day Look Ahead

- Review of Risk Management Plan
- Draft path forward for managing Opportunities
 - Draft path forward for Programmatic Risk Profiles



13.0 DASHBOARD SUMMARY

December 2014 Dashboard Summary							Lead			Status		
Deliverables	Plan	DOE	MSA	Actual	Overall	Oct	Nov					
1.0 Effective Site Cleanup												
1.1 Optimize costs by demonstrating MSA's responsiveness and alignment of resources and equipment to meet the cleanup contractors' project requirements in support of key milestones	1.1.1	Validate/reconcile other Hanford contractor's FY14 usage-based service (UBS) that were submitted prior to FY14. Document changes and establish a new UBS baseline if necessary, and communicate to the Contractor Interface Board.	11/30/2013	Bird	Brockman	12/2/13						
	1.1.2	If variances from the 10/1/13 UBS baseline of forecasted services are experienced, demonstrate MSA's success in rapidly re-aligning resources to deliver services at the levels required by maintaining ±5% composite over/under liquidation rates of UBS pools. For individual UBS variances that exceed ±5%, demonstrate that MSA worked with OHCs and took corrective actions to the forecasting system.	9/30/2014	Bird	Brockman							
	1.1.3	Demonstrate that the following service delivery service level agreement targets were met.	9/30/2014	Bird	Brockman							
		J04-1 Protection Area Security Maintenance			Walton							
		J09-1 SAS Access Denial Request Processing			Walton							
		J18-1 HAMMER - Worker Training Completion Input			Kruger							
		J20-1 Fire Protection System Maintenance (PFP)			Walton							
		J20-2 Fire Protection System Maintenance			Walton							
		J32-1 Radiological Instrumentation Calibration			Fritz							
		J32-2 Dosimetry Records Request Fulfillment			Fritz							
J32-3 Dosimetry External Services		Fritz										
J33-1 Analytical Services Analysis		Fritz										
J34-1 Biological Controls (Vegetation)		Wilson										
J34-1 Biological Controls (Pest Removal)		Wilson										
J35-1 Crane and Crew Support	Wilson											
1.1.4	Provide customer satisfaction for all service catalog requests.	9/30/2014	Bird	Brockman								
1.2 Operate and maintain infrastructure at the capacity and reliability to best support the Hanford Site mission.	1.2.1	Implement HNF-54670 (MSA Maintenance Management Program) per the approved implementation schedule.	9/30/2014	Dickenson	Wilson							
	1.2.2	Demonstrate that the following infrastructure service level agreement targets were met.	9/30/2014	Bird	Brockman							
		J14-1 Cyber Security Patching			Eckman							
		J64-1 Emergency Radio / SONET Transport			Eckman							
		J65-6 HLAN Availability			Eckman							
1.2.3	For the areas of electrical service, facility maintenance, fleet maintenance, water, and tumbleweed removal, develop new service level agreements and begin measuring and recording performance data by 2/1/14. Evaluate the effectiveness of the measure and the calculation methodology for all developmental and institutionalized service level agreements by 8/30/14 to determine if the measures achieved their intended purpose, and propose FY15 performance targets by 9/30/14.	9/30/2014	Bird	Wilson								



Dashboard Summary, Cont.

1.3 Provide services to support Plateau remediation	1.3.1	Demonstrate that target levels were met for dedicated loaned labor requests in support of PFP projects.	9/30/2014	Bird	Wilson			
	1.3.2	Demonstrate that target levels were met for loaned labor requests in support of spent fuel activities.	9/30/2014	Bird	Wilson			
	1.3.3	Demonstrate that target levels for loaned labor requests were allocated consistent with sitewide priorities in support of non-PFP and spent fuel activities.	9/30/2014	Bird	Wilson			
1.4 Provide services to support tank farms	1.4.1	Demonstrate that crane and rigging target levels were met in support of tank farm activities	9/30/2014	Bird	Wilson			
	1.4.2	Demonstrate that target levels for dedicated loaned labor requests were met in support of tank farm activities.	9/30/2014	Bird	Wilson			
1.5 Provide services to support 242-A evaporator	1.5.1	Demonstrate water delivery in accordance with MSA/WRPS delivery schedule and water services specifications for flow rate and pressure.	9/30/2014	Bird	Wilson			
	1.5.2	Demonstrate that crane and rigging target levels were met in support of 242-A evaporator operations.	9/30/2014	Bird	Wilson			
1.6 Meet the WTP ICD requirements along with the ICD review schedules, issue resolution, and approval process.	1.6.1	Meet the WTP ICD requirements within MSA's contractual and budget authority. Clearly identify any service requirement gaps as an ICD issue and notify RL of any resource shortfalls within the IPL.	9/30/2014	Bird	Brockman			
1.7 Affect appropriate land segment/facility transitions from WCH to MSA LTS program	1.7.1	Deliver the contractor integrated draft transition turnover package (TTP) to DOE for review within 75 days of receiving the WCH TTP for any one geographic area to meet WCH schedule needs.	WCH delivery + 75 days	Hathaway	Wilson			
2.0 Efficient Site Cleanup								
2.1 Implement RL approved FY13 Training and Facilities Management business case recommendations	2.1.1	Implement actions and recommendations from the FY13 facilities management business case analysis per the RL-accepted schedule.	9/30/2014	Hathaway	Wilson			
	2.1.2	Implement actions and recommendations from the FY13 training business case analysis per the RL-accepted schedule.	9/30/2014	Morris	Kruger			
2.2 Execute an effective forecast of services process with the other Hanford contractors that result in inter-contractor forecasting systems integration and allocation of MSA UBS resources aligned to site customer needs.	2.2.1	Conduct and implement structured improvement activities for the following: 1) inter-contractor system integration for the forecasting process, and 2) improvement of the performance measurement dashboard.	9/30/2014	Bird	Brockman			



Dashboard Summary, Cont.

2.3 Deploy innovative IT applications in the field that result in increased productivity/ efficiencies for cleanup activities	2.3.1	Deploy wireless and wired IT service upgrades in and around PFP per CHPRC requirements and schedule to improve PFP project efficiency.	9/30/2014	Dickenson	Eckman			
	2.3.2	Deploy tank farm wireless and wired IT service upgrades per WRPS requirements to improve project efficiency.	3/31/2014	Dickenson	Eckman			
	2.3.3	Replace 750 desktop computers with Thin Client.	9/30/2014	Dickenson	Eckman			
3.0 Safe and Secure Operations								
3.1 Implement protective force enhancements.	3.1.1	Implement Protective Force Program performance enhancements and efficiencies per approved schedule.	8/30/2014	Loiacono	Walton			
	3.1.2	Implement Hanford Emergency Operations Center performance enhancements and efficiencies per approved schedule.	8/30/2014	Loiacono	Walton			
4.0 Site Stewardship								
4.1 Provide land conveyance support to RL	4.1.1	Complete NHPA Section 106 Cultural and Historical Report, Ecological Compliance Review Report, and NEPA decision document to enable radiological surveys in support of the potential land conveyance to Tri-City Development Council (TRIDEC).	SHPO-approved LATA NHPA Sect 106 + 60 days	Hathaway	Wilson			
	4.1.2	Complete field surveys for radiological clearance of land for potential conveyance to TRIDEC.	RL-approved MSA NEPA decision doc + 60 days	Hathaway	Wilson			



Dashboard Summary, Cont.

5.0 Comprehensive Performance - Subjective				
Support the accomplishment of RL key performance goals.	Branch	All		Green
Maintain alignment of cost performanc with the negotiated estimated costs contained in the contract.		All		Green
Work with DOE in a spirit of cooperation during the negotiation process, including timely submission of requests for additional data, timely counteroffers, and conveying a positive and professional attitude to achieve fair and timely settlement of change order proposals or requests for equitable adjustment and attaining small business goals.		Olsen		Green
Demonstrate operational excellence in business and financial management by fulfilling contractual obligations in a fiscally responsible manner to include, but not limited to, the use of approved purchasing, estimating, accounting, property, budget, planning, billing, labor, and accounting systems; and the contractor's management of government property.		Olsen		Green
Provide leadership to improve management effectiveness, collaborate and participate proactively with customers		All		Green
Measure overall performance under the contract via the use of a comprehensive performance measurement system.		Kruger		Green
Integrate and coordinate all activities required to execute the contract with other Hanford contractors, specifically the timeliness, completeness, and quality of problem identification; and corrective action plans.		All / Brockman		Green
Initate and provide effective participation in business case analyses and other cross-contractore activiites leading to optimal utilization of RL resources(facilities, equipment, material and services) across all Hanford contractors. Continue evaluation and improvement of the Contracotre interface Baoard and other similare or proposed replacement functiions.		Brockman		Green
Demonstrate operational excellence in Safeguards and Security, fire and emergency response, and emergency operations/emergency management by fulfilling contractual obligations in a fiscally responsible manner		Walton		Green
Perform work safely and in a compliant manner that assures the workers, public, and environment are protected from adverse consequences..		Kruger		Green

Notes:

Service level agreement target J32-1 Radiological Instrumentation Calibration (Deliverable 1.1.3) is rated yellow due to RSS having experienced a significant increase in demand for instrumentation to support WCH for two weeks of November, which impacted work volumes for other instruments in the calibration queue. To mitigate this situation MSA is cross training other calibrators to assist during peak capacity situations. Understanding that HRIP has a capacity with current work force; the organization has decided to fill the sixth calibrator position that has been vacant for several months. This will assist in maintaining on-time delivery above 90%.

PNNL was batching ED instrumentation which was resulting in a number of instruments surpassing the 10 day working limit. MSA has been establishing procedural and training to perform this work internally. This includes the use of new fixtures that will increase productivity seven fold. MSA will start performing these calibrations in mid-December.



14.0 CONTRACT DELIVERABLES STATUS

The following tables itemize the contract deliverables due to RL in November, and provide a 30-day look ahead through December 2013.

November 2013 Contract Deliverables

CDRL	Deliverable	Responsible	Date Due	Date Submitted to DOE	Action	Response Time	Date Due from DOE	Date Approved by DOE
CD0113	Inventory Accuracy Reports	Wilson	11/1/13	10/29/13	Information	N/A	N/A	N/A
CD0114	Disposal of Excess and Surplus Personal Property Report	Wilson	11/1/13	10/29/13	Information	N/A	N/A	N/A
CD0051	Milestone Review and IAMIT Meeting Minutes - Sep	Fritz	11/5/13	11/5/13	Information	N/A	N/A	N/A
CD0123	Monthly Billing Reports for DOE Services - Oct	Eckman	11/5/13	11/4/13	Information	N/A	N/A	N/A
CD0112	GSA Non-Federal Recipients and Exchange Sale Reports	Wilson	11/5/13	10/29/13	Review	10 days	11/8/13	
CD0180	Quarterly Energy Conservation Performance Report	Wilson	11/9/13	10/18/13	N/A	N/A	N/A	N/A
CD0104	Annual Maintenance Report	Wilson	11/9/12	11/8/13	Review	None	N/A	N/A
CD0144	Monthly Performance Report - Sep	Olsen	11/10/13	11/6/13	Review	None	N/A	N/A
CD0046	Self-Assessment and Corrective Actions	Walton	11/15/13	10/17/13	Review	30 days	11/17/13	
CD0050	Report of TPA milestone status and performance statistics	Fritz	11/15/13	10/31/13	Information	N/A	N/A	N/A
CD0182	Site-Wide Assessment of Institutional Controls	Wilson	11/15/13	11/1/13	N/A	N/A	N/A	N/A
CD0118	Annual Mail Management Report	Wilson	11/15/13	11/6/13	Approve	30 days	12/7/13	11/21/13
CD0010	Patrol Security Incident Response Plan (SIRP)	Walton	11/30/13	11/26/13	Approve	45 days	1/11/14	
CD0084	Bonneville Power Administration (BPA) Power and Transmission Service invoice verification and breakdown of site contractor costs - Sep	Wilson	11/30/13	11/26/13	Review	30 days	12/27/13	

NOTE: Areas shaded in gray indicate delivery to DOE, and when the "Date Approved by DOE" is shaded, approval has been received in return. "Review" responses from DOE are not documented with dates, but shaded when complete.

IAMIT = Interagency Management Integration Team.

TPA = Tri-Party Agreement.

N/A = no action.



December 2013 Contract Deliverables

CDRL	Deliverable	Responsible	Date Due	Date Submitted to DOE	Action	Response Time	Date Due from DOE	Date Approved by DOE
CD0189	Site Sustainability Plan	Fritz	12/4/13		Review	N/A	N/A	N/A
CD0051	Milestone Review and IAMIT Meeting Minutes - Oct	Fritz	12/5/13	11/5/13	Information	N/A	N/A	N/A
CD0123	Monthly Billing Reports for DOE Services - Nov	Eckman	12/5/12	12/3/13	Information	N/A	N/A	N/A
CD0080	Replacement of GSA Leased Vehicles Report	Wilson	12/7/13	11/27/13 asked for Due Date	Review	30 days		
CD0144	Monthly Performance Report - Oct	Olsen	12/10/13		Review	None	N/A	N/A
CD0050	Report of TPA milestone status and performance statistics	Fritz	12/15/13	12/2/13	Information	N/A	N/A	N/A
CD0057	Annual Hanford Site EMS Goals and Metrics Report	Fritz	12/15/13		Approve	30 days		
CD0043	Limited Emergency Preparedness Evaluation / Training Exercise Report	Walton	12/20/13		Approve	45 days		
CD0084	Bonneville Power Administration (BPA) Power and Transmission Service invoice verification and breakdown of site	Wilson	12/30/13		Review	30 days		
CD0187b	TPA Hanford Lifecycle Scope, Schedule and Cost Report (Lifecycle Report) - Final Report	Young	12/31/13		N/A	N/A	N/A	N/A

NOTE: Areas shaded in gray indicate delivery to DOE, and when the "Date Approved by DOE" is shaded, approval has been received in return.

"Review" responses from DOE are not documented with dates, but shaded when complete.

IAMIT = Interagency Management Integration Team.

TPA = Tri-Party Agreement.

N/A = no action.



14.1 GOVERNMENT-FURNISHED SERVICES/INFORMATION AND DOE DECISIONS

Of the two GFS/I items due to MSA:

- GF050, due October 31, 2013: *DOE Approval of the DRAFT Hanford Lifecycle Scope, Schedule, and Cost Report.* Approval of the Report was received in November, which allowed MSA to meet the December 31, 2013 delivery date of its correlating contract deliverable, CD187b, "Hanford Lifecycle Scope, Schedule and Cost Report - Final Report."
- GF049, due June 1, 2014: *DOE to provide a Hanford "planning case" budget to prepare the updated Hanford Lifecycle Scope, Schedule, and Cost Report.* On-time delivery of this item is anticipated.



15.0 SELF-PERFORMED WORK

Table 15-1. Mission Support Contract Socioeconomic Reporting.

Plan Category	MSA Goal	Cumulative %	Trend
Small Business	50%	48%	No Change
Small Disadvantaged Business	10%	13.8%	No Change
Small Women-Owned Business	6.8%	7.5%	No Change
HubZone	2.7%	2.5%	No Change
Small Disadvantaged, Veteran-Owned Business	2%	2.6%	No Change
Veteran-Owned Small Business	2%	5.3%	No Change

 = Improved Trend
 = Decreased Trend

Through November 2013

Note: At least 40% contracted out beyond MSA = 51% (934M / \$1,832M)
 Small Business 25% of Total MSC Value = 24% (\$448M / \$1,832M)



SERVICE AREA SECTIONS

Individual Service Area Section reports for November are included as follows:

- Business Operations
- Chief Operations Office
- Emergency Services
- Energy & Environmental Services
- Human Resources
- Information Management
- Interface Management
- Portfolio Management
- Project Planning & Integration
- Safety Health Quality & Training
- Site Integration & Logistics



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Business Operations

Rich Olsen, Vice President and Chief Financial Officer

Monthly Performance Report

November 2013



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INTRODUCTION

The Business Operations organization supports the Mission Support Alliance, LLC (MSA) by providing required business administration activities including internal management, contract administration, subcontract administration, and financial controls to effectively manage the Mission Support Contract (MSC). Business Operations is responsible for activities that include Finance and Accounting, Program Controls, Supply Chain/Procurement, and Prime Contract Administration. Finance and Accounting includes providing payroll and all payroll services for 20 companies, and validating the time keeping system. Program Controls includes scope, schedule, and cost baseline management, planning, baseline change, work integration and control, earned value management, risk management, and performance reporting. Supply Chain/Procurement includes subcontracting and purchasing support to accomplish the MSC mission and support the Hanford Site. Prime Contracts administration includes acting as the primary point of contact for the MSA in all contractual matters with the U.S. Department of Energy (DOE), Richland Operations Office (RL), supports all MSA functional areas by providing contract administration and management, monitors all aspects of contract performance, reviews incoming correspondence for contractual impacts, and assigns and tracks all open action items to completion.

KEY ACCOMPLISHMENTS

FY 2014 Integrated Priority List (IPL) – MSA submitted the draft 2014 IPL on September 30, 2013, and has continued collaborating with RL to finalize the fiscal year (FY) 2014 IPL. During October, MSA worked with RL to obtain authorization to begin execution of the IPL work scope consistent with draft funding allocations, receive authorization to proceed with additional work scope/funding, and receive updated baseline alignment guidance. During November, MSA continued to work closely with RL to modify the Work Breakdown Structure (WBS) to add a new level 3 element related to the maintenance management program implementation, to receive and begin resolving RL comments to the draft FY14 IPL, to receive approval to defer some near-term contract deliverables, to obtain clarification on the additional carry-over scope, and to reach a joint agreement to submit the Final FY 2014 IPL on December 13, 2014.

CONTRACTS

300 Area Water and Sewer Systems Proposal – The 300 Area Water and Sewer Systems proposal was submitted to RL on November 14, 2013.



Infrastructure Support to WRPS – A kick-off meeting was held November 19, 2013, initiating the Rough Order of Magnitude (ROM) Cost Estimate activities, to provide infrastructure support to Washington River Protection Solutions, LLC (WRPS).

Hanford Natural Resources Trustee Council (HNRTC) Data Management System Phase II Proposal – MSA Contracts submitted the HNRTC proposal to RL on November 6, 2013.

SUPPLY CHAIN MANAGEMENT/PROCUREMENT

Advanced Acquisition Plans – MSA Supply Chain Management (SCM) submitted the Advanced Acquisition Plans to RL for the extension of the pre-selected subcontracts with Akima, Dade Moeller, and HPM Corporation. This effort is slightly ahead of the agreed-to schedule with RL, allowing for advanced approvals prior to October 1, 2014.

Calibration Services Support – SCM facilitated a meeting with the various functional groups within MSA to address CH2M HILL Plateau Remediation Company's (CHPRC) concerns associated with the calibration services support. Most of CHPRC's issues were isolated to just a handful of the total transactions processed. SCM has been working with the subcontractor; certain improvement efforts have been started.

PROGRAM CONTROLS

FY 2014 RL/Office of River Protection (ORP) – Based upon guidance provided by RL on September 27, 2013, MSA developed and, on November 12, 2013, submitted the FY 2014 RL/ORP Request for Service work scope.

FY 2014 Spend Plan – On November 5, 2013, Program Controls submitted to RL the projected MSA FY 2014 spend plan as requested by DOE-Headquarters (HQ).

Cobra Upgrade – Program Controls is performing parallel testing on the planning system software (Cobra) upgrade with a plan to implement an upgrade to the latest version of the software. Training was initiated in November, with additional training scheduled for December. Conversion of the system is planned for January 2014, which will ensure full vendor support of its latest software version.

Enhanced Invoice Reports – Program Controls and Finance staff worked with other site contractors to develop requirements to enhance invoice reports. Once modified, the reports will provide detailed cost by resource for support provided by MSA. MSA's current transfer program summarizes data on contract releases.



FINANCE AND ACCOUNTING

FY 2014 Revision 2 Forward-Pricing Labor Rates – MSA Finance and Accounting met with a representative of RL to explain the FY 2014 Revision 2 Forward-Pricing Labor Rates and to explain the process for developing preselected subcontractor rate adders. Currently, MSA is utilizing the FY 2014 Revision 1 preselected subcontractor rates until RL approves the Revision 2 rates.

Advanced Understanding of Cost – Finance and Accounting received a contract modification that accepted changes to Revision 5 of MSA’s Advanced Understanding on Cost that included:

- Revised language on costs for purchasing rehabilitation supplies (food/hydration/other) for emergency responders during Emergency Response Activities.
- Volpentest HAMMER Training and Education Center (HAMMER) informational items.

Hanford Atomic Metal Trades Council (HAMTC) 2013 Contract – Disbursements Accounting processed the salary increase for MSA and CHPRC HAMTC personnel from the new 2013 contract agreement, and implemented Time Information System (TIS) changes for the new contract, which involved coding specifically to the company/contract a series of new edits to help in the enforcement of new double-time overtime rules.

LOOK AHEAD

During December MSA will coordinate the revisions to the FY 2014 IPL with the RL Subject Matter Experts, and submit the Final IPL.

MAJOR ISSUES

None to report.

SAFETY PERFORMANCE

No Occupational Safety and Health Administration recordable injuries or vehicle accidents were reported for Business Operations in November 2013.



BASELINE PERFORMANCE

Table BO-1. Business Operations Cost/Schedule Performance (dollars in millions).

Fund Type	November 2013					FYTD 2014					
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV	BAC
Site-wide Services	\$0.3	\$0.3	\$0.6	\$0.0	(\$0.3)	\$0.5	\$0.5	\$1.0	\$0.0	(\$0.5)	\$3.5
Subtotal	\$0.3	\$0.3	\$0.6	\$0.0	(\$0.3)	\$0.5	\$0.5	\$1.0	\$0.0	(\$0.5)	\$3.5

ACWP = Actual Cost of Work Performed. CV = cost variance.
 BCWP = Budgeted Cost of Work Performed. FYTD = fiscal year to date.
 BCWS = Budgeted Cost of Work Scheduled. SV = schedule variance.
 BAC = Budget at Completion.

FYTD BASELINE PERFORMANCE VARIANCE

Cost Variance (-\$0.5M) – The unfavorable FYTD cost variance is due to the Site Wide Services (SWS) portion of the HAMTC collective bargaining agreement (CBA) bonus that was not assumed in the baseline. In addition, an increased level of support required for performance reporting, including efforts associated with Program Controls system administration; technical baseline support; MSA funds management; Usage Based Services rate development and monitoring; additional staff support in Risk Management; and the addition of Centralized Procurement Card (P-Card) Purchasing.

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Chief Operations Office

David G Ruscitto, Chief Operations Officer

Monthly Performance Report

November 2013



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INTRODUCTION

Within the Chief Operations Office (COO), the Communications and External Affairs department provides a myriad of communication functions for U. S. Department of Energy (DOE), Hanford Site contractors, employees, and the public. The group supports DOE's Richland Operations Office (RL), addressing specific contractual objectives, commitments and milestones, and manages the Hanford Speakers Bureau and Hanford Public Tour programs. Communication efforts are facilitated internally through General Delivery Messages (GDM) and the Mission Support Alliance, LLC (MSA) internal newsletter, *Streamline*, and externally to the public through news releases, public presentations, and assisting in corporate involvement in area organizations. The Communications and External Affairs (C&EA) function also facilitate community outreach on behalf of MSA and its employees.

KEY ACCOMPLISHMENTS

Hanford Advisory Board (HAB) Committee Meetings Supported – MSA

Communications and External Affairs (C&EA) assisted DOE-RL in preparing for the HAB's River and Plateau (RAP), and Health, Safety and Environmental Protection (HESP) Committee meetings. C&EA worked with DOE-RL to develop a presentation updating the RAP Committee on activity in the Hanford's Central Plateau, and worked with MSA Emergency Preparedness and DOE-RL to produce a summary of two August Emergency Events (the Annual Site Exercise and a reported contamination in the tank farms) for the HSEP Committee.

Hanford Story Kiosk – The Hanford Story Kiosk, which plays five chapters of the *Hanford Story* video series, has been moved from the Kennewick (WA) Public Library to its new location at the entrance to the Washington State University (WSU) Tri-Cities campus Library in Richland, WA.

EMSSAB Meeting – C&EA participated in the bi-yearly Environmental Management Site Specific Advisory Board (EMSSAB) in Portsmouth, Ohio. This meeting includes representatives from other EM site offices and their advisory boards. In addition to the meeting, EM's federal coordinator for all of their advisory boards conducts a four hour team meeting to work through issues that the various sites have been dealing with, along with the required reporting requirements. In April 2014, the Hanford Site will host the next EMSSAB meeting. C&EA will have a key role in working with both DOE offices as well as the local regulatory offices in hosting the EM offices and advisory board members. This will include a full day site tour, a day and half EMSSAB meeting, and a half-day federal team meeting.



C&EA attended a 1 ½ day workshop concerning the Waste Management Area C Performance Assessment. The workshop included participants from the state of Oregon, Tribal Nations, the Hanford Advisory Board and members of the public. This is a key next step for the DOE Office of River Protection to begin moving forward with the closure of the first tank farm at the Hanford Site, and to begin and continue the communications and outreach efforts with the various interest groups.

LOOK AHEAD

None identified.

MAJOR ISSUES

None to report.

SAFETY PERFORMANCE

There were no Occupational Safety and Health Administration recordable or Days Away From Work injuries reported for the COO in November 2013.

BASELINE PERFORMANCE

Table COO-1. Chief Operations Office Cost/Schedule Performance (dollars in millions).

Fund Type	November 2013					FYTD 2014					
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV	BAC
Site-wide Services	\$0.2	\$0.2	\$0.1	\$0.0	\$0.1	\$0.3	\$0.3	\$0.2	\$0.0	\$0.1	\$1.8
Subtotal	\$0.2	\$0.2	\$0.1	\$0.0	\$0.1	\$0.3	\$0.3	\$0.2	\$0.0	\$0.1	\$1.8

ACWP = Actual Cost of Work Performed.

CV = cost variance.

BCWP = Budgeted Cost of Work Performed.

FYTD = fiscal year to date.

BCWS = Budgeted Cost of Work Scheduled.

SV = schedule variance.

BAC = Budget at Completion.

EAC = estimate at completion

FYTD BASELINE PERFORMANCE VARIANCE

Cost Variance (\$0.1M): Within threshold.

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Emergency Services

Craig Walton, Vice President

Monthly Performance Report

November 2013



400 Area Fire Station



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INTRODUCTION

The Emergency Services (ES) organization supports the site environmental clean-up missions by providing protective forces, physical security systems, information security, personnel security, nuclear materials control and accountability (MC&A), cyber security, program management, fire and emergency response services, and emergency operations.

KEY ACCOMPLISHMENTS

ES-Facilitated Briefings and Tours – Emergency Services facilitated briefings and tours for the U.S. Department of Energy (DOE) Director of the Office of Safeguards, Security & Emergency Preparedness (EM-44) November 19 – 21, 2013.

- Briefing topics covered:
 - Interim Storage Area (ISA) Protection Strategy with Hanford Patrol Deployment
 - Emergency Management
 - Radiological Assistance Program
 - Emerging Issue Impacts of new Safeguards Order; New Graded Security Policy
 - Homeland Security Presidential Directive-12
- Tours included such locations as:
 - ISA Protected Area
 - Patrol Operations Center
 - Central Alarm Station
 - Emergency Operations Center
 - Hanford Patrol Training Facility
 - HAMMER Training Facility
 - Emergency Vehicle Operations Course

EMERGENCY MANAGEMENT PROGRAM (EMP)

Region 8 RAP Training and Exercise Support – Region 8 Radiological Assistance Program (RAP) personnel participated in the Naval Base Kitsap, Navy Region Northwest Table Top Exercise November 13-15, 2013, in support of the upcoming Nuclear Weapon Accident/Incident Exercise 2015.



C-Farm Emergency Evaluation Corrective Actions – EM submitted the corrective action plan to DOE Richland Operations Office (RL) for the August 2013 C-Farm Alert Emergency Evaluation.

Limited Exercise – The EM Program successfully conducted and participated in the First Quarter Limited Exercise at Reduction-Oxidation (S Plant) (REDOX). The follow up report will be submitted in accordance with Contract Deliverable CD0043.

Contract Deliverables Approved – EM received approval for the following Contract Deliverables in November:

- CD0042, Annual Field Emergency Preparedness Evaluation/Training Exercise Report
- CD0041, Emergency Readiness Assurance Plan (ERAP)

HANFORD FIRE DEPARTMENT (HFD)

HFD Safety Summit – The Second Annual HFD Safety Summit was conducted during this reporting period. Labor and Management focused on issues and developed a path forward to increase safety awareness and lower the incidences of safety violations and injuries within the department.

HFD Station 4 Closure Status – HFD ceased emergency response and operations from the 400 Area Fire Station effective November 11, 2013. The facility was placed into a safe configuration and will be maintained in a minimum safe status in the event that site conditions require reopening the facility. This temporary closure supports a DOE FY 2013 Key Performance Goal to right size the infrastructure. Official notification of the closure was provided to RL on November 20, 2013.

SAFEGUARDS AND SECURITY (SAS)

SAS Submits Fiscal Year 2014 Training Plan – MSA Safeguards and Security submitted the FY 2014 Safeguards and Security (SAS) Training Plan for approval.

Approval of Termination of Safeguards on Bulk Sludge at K West Basin – MSA SAS worked with CH2M HILL Plateau Remediation Company (CHPRC) K-Basin Closure Project personnel to request DOE authorization to terminate Safeguards on the bulk sludge at K-W Basin. Termination of this material will greatly simplify CHPRC work to remove the sludge from K-W Basin. DOE approval for this termination was received in November.



LOOK AHEAD

None to report.

MAJOR ISSUES

None to report.

SAFETY PERFORMANCE

Emergency Services had five first aid injuries in November, all of which occurred during routine work activities. One recordable injury, a Lost-Away incident, was reported during a training exercise, and involved a groin hernia.

BASELINE PERFORMANCE

Table ES-1. Emergency Services Cost/Schedule Performance (dollars in millions).

Fund Type	November 2013					FYTD 2014					
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV	BAC
RL-0020 - Safeguards & Security	\$4.3	\$4.3	\$4.5	\$0.0	(\$0.2)	\$7.0	\$7.0	\$8.7	\$0.0	(\$1.7)	\$46.7
Site-wide Services	\$2.1	\$2.1	\$2.2	\$0.0	(\$0.1)	\$3.6	\$3.6	\$4.2	\$0.0	(\$0.6)	\$24.2
Subtotal	\$6.4	\$6.4	\$6.7	\$0.0	(\$0.3)	\$10.6	\$10.6	\$12.9	\$0.0	(\$2.3)	\$70.9

ACWP = Actual Cost of Work Performed.

BAC = Budget at Completion.

BCWP = Budgeted Cost of Work Performed.

BCWS = Budgeted Cost of Work Scheduled.

CV = Cost Variance

FYTD = Fiscal Year to Date

SV = Schedule Variance

EAC = Estimate at Completion

FYTD BASELINE PERFORMANCE VARIANCE

CV (-\$2.3M) – MSA is working to a contract re-alignment plan as directed by RL. RL is currently in the review/approval process of the plan, which will provide a basis for reporting progress against an approved funded priority list of items for MSA work scope. The funding and priority work scope being different than the baseline scope is the primary driver for this variance. Specifically, implementation of the Graded Security Policy subsequent to the MSA baseline proposal and implementation, and a baseline bid omission for platoon shift hours in the HFD, are the primary drivers for the negative cost variance.



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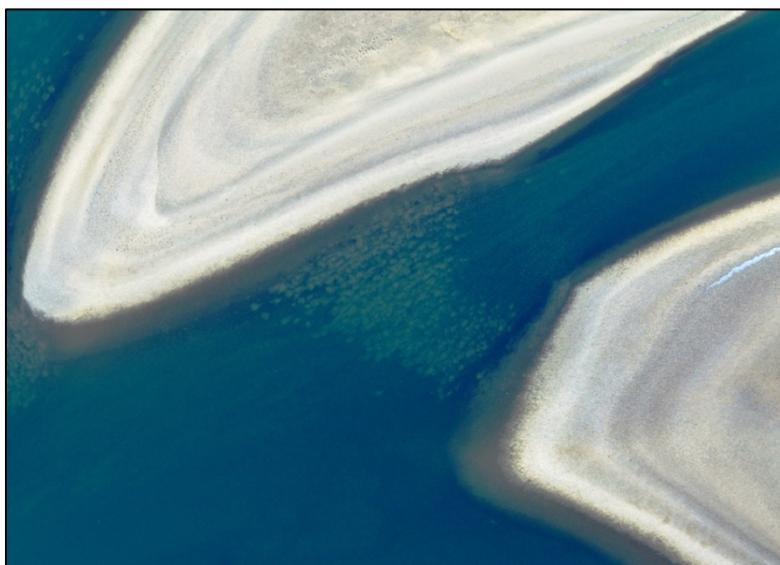


Energy & Environmental Services

Lori Fritz, Vice President

Monthly Performance Report

November 2013



Aerial view of Fall Chinook salmon nests known as "redds," photographed along the shore of the Columbia River at Hanford in November 2013.



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INTRODUCTION

The Energy and Environmental Services (EES) organization provides environmental management and resource protection to support the various Hanford Contractors and the Mission Support Alliance, LLC (MSA) projects.

EES partners with other Hanford contractors on behalf of the U.S. Department of Energy (DOE), Richland Operations Office (RL)/DOE Office of River Protection (ORP)/DOE Pacific Northwest Site Office (PNSO), to manage and integrate environmental requirements, permits, reports, and services. In addition EES leads the Public Safety and Resource Protection Program (PSRP), which monitors impacts to the public and environment from Hanford operations. PSRP also provides curation services, protecting archeological sites, traditional cultural properties and artifacts located on the Hanford site as well as the management of the Hanford collection of the Manhattan Project and Cold War Era artifacts.

Radiological Site Services (RSS) is a fully integrated set of radiological support programs which provide the technical support, dosimetry, data and records necessary to demonstrate compliance with the required radiological monitoring and to verify the adequacy of radiological control programs in protecting the health and safety of workers, the public and the environment.

The Hanford Site Sustainability organization within EES is responsible for the development of large scale energy project implementation of the Hanford Site Sustainability Program.

The Energy Initiatives group within EES operates the Waste Sampling and Characterization Facility (WSCF). The lab provides for analysis of chemical, industrial hygiene, and low level radiological samples in direct support of Hanford clean-up Contractors.

KEY ACCOMPLISHMENTS

ENERGY & ENVIRONMENTAL SERVICES

Report/Contract Deliverables – In the month of November, one EES contract deliverable was completed on or ahead of schedule and one update was submitted:

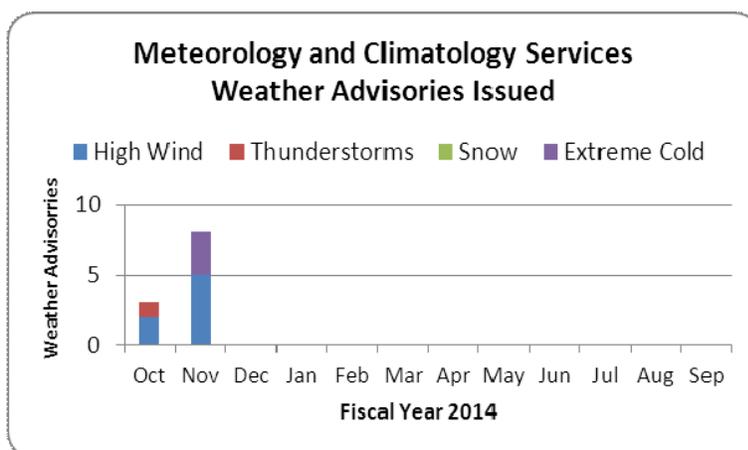
CD1030, Annual Calendar Year Quarterly Milestone Review and Interagency Management Integration Team (IAMIT) Schedule

Due: 12/31/13, Completed: 11/27/13



CD1011, Quarterly RCRA Permit Class I Modification Notification Report - Update
 Completed: 11/27/13

PSRP Meteorological and Climatological Services – During November the meteorology staff responded to 248 phone calls for weather information, 675 incoming calls to the recorded forecast phone line, and the website had 131,645 visitors. In addition, the staff issued 8-adverse weather advisories, 5-high winds, and 3-extreme cold temperatures.



Production Control Department/Client Services - On-Time Delivery Status – On-time delivery (OTD) status is calculated according to work performed at WSCF. The Fiscal Year (FY) 2014 OTD rate is currently at 99.1%.

‘RUSH’ Analysis Requests Completed for CH2M Hill Plateau Remediation Company - The Waste Sampling and Characterization Facility (WSCF) received a ‘RUSH’ analysis request from the Occupational Safety & Industrial Hygiene (OS&IH) Organization of CH2M Hill Plateau Remediation Company (CHPRC). A leaking container was reported at the Central Waste Complex (CWC) in the 200 West Area and WSCF was challenged with identifying the leaking material that had collected on the pallet the container was being stored on. Analysis was conducted on the sample and preliminary results were submitted back to OS&IH personnel on the same day.

In addition, WSCF received a ‘RUSH’ analysis request from CHPRC’s Waste Encapsulation and Storage Facility (WESF) for Gross Beta analysis. The in-line beta instrument used to monitor pool cell water at WESF is currently inoperable; therefore accelerated preliminary analytical results were requested. Analytical personnel worked a



hold-over shift to complete sample preparation and results were submitted back to the client at WESF within 24 hours of sample receipt.

Organic Chemistry Department Scores 100% on Quarterly Accreditation Samples – For the most recent quarterly accreditation samples submitted to the State of Washington, Department of Ecology (Ecology), the Organic Chemistry Department scored a perfect 100% for Semi-Volatile analysis. Results were submitted for 54 requested analyses in soil and 60 requested analyses in water.

Special External Dosimetry Investigation – Radiological Site Services (RSS) completed planned support to a special dosimetry investigation by CHPRC. The investigation involved a failed Strontium/Yttrium-90 ion chamber check source that was directly handled by CHPRC personnel without extension tools. A measurement jig was manufactured and delivered to RSS personnel to conduct measurements; these measurements were used to complete a report for CHPRC management.

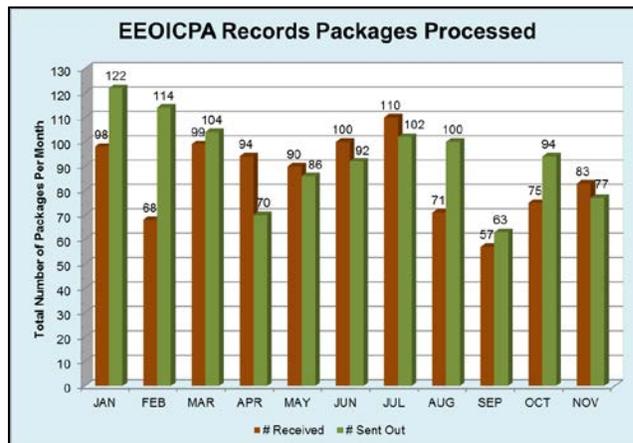
Offsite Shipment of Oil for Recycling – Mission Support Alliance (MSA) Environmental Integration Services (EIS) coordinated the November 6, 2013, shipment of 1,354 gallons of Polychlorinated Biphenyls (PCB) contaminated waste oil for recycling to an oil refining company in Portland, OR. This action was in support of draining an A-9 transformer in the 100K Area.

In Vivo Counting Workload – In vivo lung and whole body measurements were performed for both Hanford workers and non-Hanford workers during the month of November 2013. There were 391 worker measurements performed during the month: 349 measurements performed for Hanford workers and 42 measurements performed for non-Hanford workers. There were also 346 quality control measurements performed during the same period.

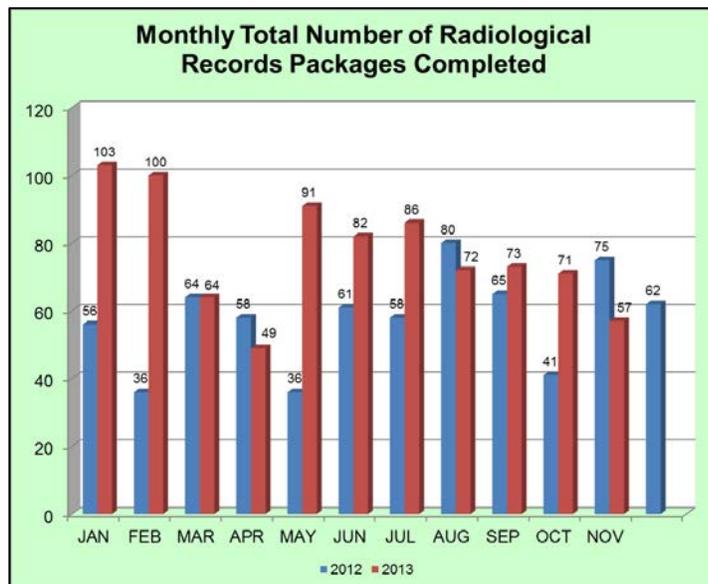
Chinook Salmon Nests Surveyed – Ecological Monitoring staff performed a second count of the Chinook salmon nests (called “redds”) in November. Preliminary indication is that a record level of spawning is occurring on the Hanford Reach this year, as expected from the record number of returning fish counted at lower Columbia River dams. Staff also collected aerial photographs as a trial for obtaining permanent records of spawning activity and redd density. More than 25,000 redds were counted from aerial photographs taken of the entire Hanford Reach.



Energy Employees Occupational Illness Compensation Program Act Update – The total number of Energy Employees Occupational Illness Compensation Program Act (EEOICPA) records packages produced in the month of November was 77 (a decrease of 17 records packages produced compared to the previous month). The number of new EEOICPA records packages received for November was 83. All records packages were provided to DOE within the agreed upon 45-day turnaround time.



Monthly Radiological Records Update – The total number of radiological records packages produced in the month of November is 57. As shown in the graphic, this was a decrease of 18 packages released in November 2013 compared to the same month in 2012. These radiological records packages include those provided for the Energy Employees Occupational Illness Compensation Program Act project, and for Freedom of Information (FOIA), Privacy Act (PA), and Contractor Request (CR) records requests. All records packages were provided to Department of Energy within the agreed upon turnaround times of 7 days for FOIA and PA packages and 45 days for EEOICPA records packages.



LOOK AHEAD

Seven EES contract deliverables are due in December:

CD0189, Site Sustainability Plan

Due: 12/04/13

CD1009, Green House Gas Emissions Report

Due: 12/06/13



CD1018, MSA and Others Pollution Prevention (P2) Fiscal Year Roll-up Report

Due: 12/06/13

CD1037, MSA and Others Environmental Preferable Purchasing Fiscal Year Roll-up Report

Due: 12/06/13

CD1008, Annual Notification of Intent to Remove Asbestos at the Hanford Site

Due: 12/10/13

CD1001, NEPA Annual National Environmental Policy Act Planning Summary

Due: 12/31/13

CD0057, Annual Hanford Site EMS Goals and Metrics Report

Due: 12/15/13

MAJOR ISSUES

None to report.

SAFETY PERFORMANCE

There were no Occupational Safety and Health Administration recordable injuries, vehicle accidents, or first aid cases reported for EES in November 2013.

BASELINE PERFORMANCE

Table EES-1. Energy & Environmental Services Cost/Schedule Performance (dollars in millions).

Fund Type	November 2013					FYTD 2014					
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV	BAC
Site wide Services	\$2.8	\$2.8	\$1.8	\$0.0	\$1.0	\$4.9	\$4.9	\$3.2	\$0.0	\$1.7	\$31.8
Subtotal	\$2.8	\$2.8	\$1.8	\$0.0	\$1.0	\$4.9	\$4.9	\$3.2	\$0.0	\$1.7	\$31.8

ACWP = Actual Cost of Work Performed.

BAC = Budget at Completion.

BCWP = Budgeted Cost of Work Performed.

BCWS = Budgeted Cost of Work Scheduled.

CV = Cost Variance

FYTD = Fiscal Year to Date

SV = Schedule Variance

EAC = Estimate at Completion

FYTD BASELINE PERFORMANCE VARIANCE

FYTD CV – (+\$1.7M) MSA completed re-aligning the baseline to the negotiated contract, and using the approved change control process, implemented the re-aligned baseline data. RL provided approval of the baseline data to report progress against, but also



provided an approved and funded priority list of items for MSA workscope. The variances in these accounts are due to the approved funding and priority list scope being divergent from the baseline. This situation is not an issue that requires a corrective action, and all other aspects of this account were examined to ensure that there were no other performance issues affecting the data. MSA will be preparing and submitting a contract change proposal to align the contract baseline with the RL approved scope and associated funding. Until then, the divergent data will continue.

The initial proposal for Radiological Site Services (RSS) was assumed as a MSA direct funded activity. Upon implementation, RSS was implemented as a usage based service and charged back to all Hanford contractors based on use. A baseline change request will be processed to transfer this workscope from the MSA Performance Measurement Baseline to a usage based service. RSS will not incur any actuals in Sitewide Services; cost will be incurred as usage based service. In addition, WSCF is in the process of proposing the FY 2014 budget which has not been incorporated into the baseline.

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Human Resources

Todd Beyers, Vice President

Monthly Performance Report

November 2013



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INTRODUCTION

Human Resources (HR) promotes competitive compensation, benefits, and development opportunities for the Mission Support Alliance, LLC (MSA) and its teaming partners, enabling them to provide distinctive service to customers. HR is responsible for developing and implementing personnel policies; offering creative staffing solutions; facilitating positive interaction and employee relations; and making cost-effective, value-based decisions.

The HR staff is committed to the following four principles.

- **Integrity:** To steward resources wisely and be honest, fair, ethical, and confidential.
- **Partnership:** To collaborate with internal and external customers and senior leadership to advance the strategic priorities and to promote well-informed decisions.
- **Proactivity:** To anticipate and act on customers' needs.
- **Expertise:** To be knowledgeable and creative problem solvers who understand the varying challenges and changing needs of customers.

KEY ACCOMPLISHMENTS

BENEFITS

Transition of Investment Managers – The Hanford Site Pension & Savings Committee approved the transition of Dimensional Fund Advisors for a Small Cap Value Manager as the replacement for Lord Abbett & Company. The replacement is due to organizational changes within the firm and under performance in comparison to the benchmark. Benefits Accounting is working with Wurts & Associates to transition the \$21 million. In addition, Benefits Accounting coordinated the transition of \$30 million to Stone Harbor Investment Partners, a new emerging market debt investment manager and the transition of \$10 million to Gresham Investment Management, a new commodities investment manager, both selected for the Hanford Multi-Employer Pension Plan. The transitions were the result of new asset allocations in the Pension Plan for diversification.

LOOK AHEAD

Nothing to report.



MAJOR ISSUES

None to report.

SAFETY PERFORMANCE

No Occupational Safety and Health Administration recordable or first aid injuries were reported for HR in November 2013.

BASELINE PERFORMANCE

Table HR-1. Human Resources Cost/Schedule Performance (dollars in millions).

Fund Type	November 2013					FYTD 2014					
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV	BAC
Site-wide Services	\$0.2	\$0.2	\$0.2	\$0.0	\$0.0	\$0.4	\$0.4	\$0.4	\$0.0	\$0.0	\$2.4
Subtotal	\$0.2	\$0.2	\$0.2	\$0.0	\$0.0	\$0.4	\$0.4	\$0.4	\$0.0	\$0.0	\$2.4

ACWP = Actual Cost of Work Performed.

CV = cost variance.

BCWP = Budgeted Cost of Work Performed.

FYTD = fiscal year to date

BCWS = Budgeted Cost of Work Scheduled.

SV = schedule variance

BAC = Budget at Completion.

FYTD BASELINE PERFORMANCE VARIANCE

Cost Variance (\$0.0M) – Within threshold.

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Information Management

Todd Eckman, Vice President

Monthly Performance Report

November 2013



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INTRODUCTION

Information Management (IM) brings best-in-class IM services to the Hanford Site. A variety of infrastructure, services, and applications are provided that include support to safety, security, site infrastructure, and cleanup missions; administrative support systems and processes; telecommunications and network infrastructure; records, document, and content management; cyber security; network operations and security center; desktop services; Information Support Services including reproduction services; site forms; multi-media services; geospatial information management and site mapping services; and the Mission Service Desk. IM's goal is to ensure technology, solutions, and innovations are supporting every project's success in the Hanford Site cleanup mission by making sure that top quality services and solutions are delivered in a professional and timely manner.

KEY ACCOMPLISHMENTS

INFRASTRUCTURE SYSTEMS

Hosted Desktop Performance Incentive (PI) Continues – MSA Information Management ended the month of November with 172 hosted desktop (a.k.a. "thin client") migrations for FY 2014.

Tank Farms Wireless Upgrade Initiated – On Thursday, November 14, 2013, MSA IM met with Washington River Protection Solutions (WRPS) to review and discuss plans for the Tank Farm Wireless Upgrades, a FY 2014 Performance Incentive (PI) project. The collaboration between WRPS and IM has helped ensure that the project will align with WRPS's current and future goals. As a result of the meeting a project schedule is in progress.

Switch/Router Internet Operating System (IOS) Upgrade Continues – On Wednesday November 13, 2013, all Hanford Local Area Network (HLAN) devices in the 300, 400, and 1100 Areas were updated to the latest editions of IOS. On November 20, 2013, the devices in the 700 Area were updated. These annual upgrades keep IOS versions consistent across the network, and address security and performance issues as they are discovered.

CYBER SECURITY

Cyber Security Training Completed – MSA Cyber Security hosted cyber security awareness training that was provided by the U.S. Department of Energy (DOE) Environmental Management (EM). Four two-hour sessions and a one-hour session



were conducted. Attendees of the training included numerous Hanford employees from various work scopes and contractors, including DOE personnel.

CONTENT & RECORDS MANAGEMENT

Testing of Integrated Document Management System (IDMS) Testing Environment Complete – The IM Integrated Document Management functional team has successfully completed testing the basic functionality of the most recent patching in the IDMS test environment. The next phase will include moving these updates to the IDMS production environment with operational testing slated for the weekend of December 6, 2013. Improvements from the update will include enhanced features such as the ability to drag and drop folders into IDMS, and move documents within IDMS folders.

LOOK AHEAD

Upcoming IM activities/actions:

- IM facilities consolidation/elimination planning
- Project planning activities for FY 2014 IM Performance Incentives projects
- Continued support for Radio Fire Alarm Reporting (RFAR) project

MAJOR ISSUES

No issues identified.

SAFETY PERFORMANCE

In November there were no Occupational Safety and Health Administration recordable injuries reported for IM.



BASELINE PERFORMANCE

Table IM-1. Information Management Cost/Schedule Performance (dollars in millions).

Fund Types	November 2013					FY 2014					
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV	BAC
RL-0020 - Safeguards & Security	\$0.2	\$0.2	\$0.2	\$0.0	\$0.0	\$0.3	\$0.3	\$0.5	\$0.0	(\$0.2)	\$2.0
RL-0040 – Nuc. Fac. D&D – Remainder Hanford	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.1
Site-wide Services	\$2.3	\$2.3	\$1.6	\$0.0	\$0.7	\$3.9	\$3.9	\$3.7	\$0.0	\$0.2	\$26.1
Subtotal	\$2.5	\$2.5	\$1.8	\$0.0	\$0.7	\$4.2	\$4.2	\$4.2	\$0.0	\$0.0	\$28.2

ACWP = Actual Cost of Work Performed CV = cost variance
 BCWP = Budgeted Cost of Work Performed FYTD = fiscal year to date
 BCWS = Budgeted Cost of Work Scheduled SV = schedule variance
 BAC = Budget at Completion EAC = Estimate at Completion

FYTD BASELINE PERFORMANCE VARIANCE

CV \$0.0M – No variance to report



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Interface Management

P.K. Brockman, Vice President

Monthly Performance Report

November 2013



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INTRODUCTION

Within the Mission Support Alliance, LLC (MSA), the Interface Management (IFM) organization ensures effective delivery and performance of Hanford Site services in a commercial-like manner, in which Site customers evaluate and provide feedback on MSA's performance through customer surveys and daily customer engagement by MSA customer service representatives. MSA IFM strives to ensure that open and effective interfaces are maintained between MSA and its Site customers. IFM provides Site-wide support in maintaining administrative configuration control of the Hanford Site Services and Interface Requirements Matrix (also known as the J-3 Matrix) and serves as a facilitator in making J-3 Matrix-related decisions that include the interests of multiple parties and are in the best interest of the government. Additionally, IFM maintains the *Interface Management Plan*, a governing document that outlines key inter-contractor management and decision making processes. Other IFM responsibilities include:

- Providing immediate customer service to Site customers
- Managing/maintaining the Service Catalog for all Site customers to request MSA services and products
- Implementing the MSA service delivery model
- Resolving customer issues
- Aligning Other Hanford Site Contractor (OHC) resource needs by developing effective forecasts of services
- Integrating the Waste Treatment Plant (WTP) into Site wide IFM processes
- Managing interface agreements with all Site prime contractors

KEY ACCOMPLISHMENTS

Interface Documents Updated – MSA Interface Management completed updates to multiple Service Delivery Documents (SDDs) to reflect new point-of-contact information. The updated SDDs were posted to the Hanford Site Interface Management webpage, managed by MSA.

REX Software Operational Procedure – Upon completing their surveillance review of MSA's Radiological Exposure System (REX) software operational procedures, the U.S. Department of Energy (DOE) Richland Operations Office (RL) concluded that MSA's grading process for Hanford Information System Inventory (HISI) and REX are correct and compliant. Based on RL's observations and recommendations, MSA will incorporate some minor revisions to the HISI documentation process.



Revised Annual Forecast of Services Completed – Interface Management completed the revised *Annual Forecast of Services and Infrastructure for Fiscal Year (FY) 2014, Rev. 2* on November 27, 2013. The Annual Forecast represents MSA and the Hanford Site prime contractor’s revised FY 2014 projections for MSA-provided usage-based services. Per Performance Incentive 1.1, the Annual Forecast was revised to validate and reconcile the other Hanford contractor’s FY 2014 usage-based services that were submitted to RL on August 14, 2013. The purpose of the Annual Forecast is to align MSA resources to its customers’ requirements, and develop service rates that minimize fluctuations throughout the fiscal year.

New Memorandum of Agreement (MOA) – MSA, Washington River Protection Solutions LLC (WRPS) and Bechtel National, Inc. (BNI) have approved an MOA whereby WRPS, in accordance with their contract, is responsible for coordination, planning, and paying for BNI requirements for J.3 Matrix services provided by MSA. The BNI work scope not covered by the J.3 Matrix is addressed by an existing MOA between BNI and MSA.

LOOK AHEAD

December Contractor Interface Board (CIB) Meeting – Interface Management will attend the next Contractor Interface Board Meeting, which will be hosted by WRPS on December 11, 2013.

MAJOR ISSUES

None to report.

SAFETY PERFORMANCE

No Occupational Safety and Health Administration recordable or first aid injuries were reported for IFM in November 2013.



BASELINE PERFORMANCE

Table IFM-1 Interface Management Cost/Schedule Performance (dollars in millions).

Fund Type	November 2013					FYTD 2014					
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV	BAC
Site-wide Services	\$0.1	\$0.1	\$0.2	\$0.0	(\$0.1)	\$0.1	\$0.1	\$0.3	\$0.0	(\$0.2)	\$0.7
Subtotal	\$0.1	\$0.1	\$0.2	\$0.0	(\$0.1)	\$0.1	\$0.1	\$0.3	\$0.0	(\$0.2)	\$0.7

ACWP = Actual Cost of Work Performed

CV = cost variance

BCWP = Budgeted Cost of Work Performed

FYTD = fiscal year to date

BCWS = Budgeted Cost of Work Scheduled

SV = schedule variance

BAC = Budget at Completion

EAC = Estimate at Completion

FYTD BASELINE PERFORMANCE VARIANCE

Cost Variance (-\$0.2M): The unfavorable FYTD cost variance is due to an increased level of support required for Interface Management, including additional staff and subcontract support for Liaison Services, which was not anticipated at the time of the proposal.



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Portfolio Management

Steve Young, Vice President

Monthly Performance Report

November 2013



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INTRODUCTION

The Mission Support Alliance, LLC (MSA) Portfolio Management (PFM) functional area delivers an integrated approach that allows the U.S. Department of Energy (DOE), Richland Operations Office (RL) to make informed decisions on cleanup efforts through alignment and integration of contractor data across government and contracting entities responsible for environmental cleanup at the Hanford Site. Through this integration, MSA PFM provides the technical support and expertise in project, portfolio, and enterprise management that allows continual optimization of the cleanup mission lifecycle, and enables DOE to successfully achieve the Hanford End State Vision. The MSA PFM organization includes Operations, Mission Support, Budget Planning and Analytical Tools, Project Support and Independent Assessment. MSA PFM is organized to provide analytical and unbiased recommendations to enable DOE to apply its resources in the best way possible to meet mission objectives and optimize operations.

KEY ACCOMPLISHMENTS

Dashboards and Project Data Management Support – PFM is developing additional dashboards to support the RL Assistant Manager for River and Plateau (AMRP). Work includes ongoing development of new dashboards for individual projects. Customer testing was completed for the Project Baseline Summary (PBS) RL-0011 dashboard. The dashboard for PBS RL-0041 has been designed and development began with data recently provided by the project staff. Also, elicitation of requirements began for dashboards in support of PBSs RL-0013, RL-0040, and RL-0042. Once implemented, these dashboards will bring budget and financial status, key activities, critical performance metrics and reporting elements into a single location. The result eliminates daily and weekly reporting, streamlining searches by management and project staff for data from multiple sources.

FY 2016-2020 Budget Formulation Process – PFM completed enhancements to the Ranked Integrated Priority List (RIPL) and Budget Analysis Schedule System (BASS) tools in support of budget formulation planning. The RIPL improvements enable Project Team access to work prioritization for budget planning updates. The BASS improvements advance data query and reporting capabilities. PFM will provide RIPL use training to the Project Teams in December 2013.



Baseline Planning and Budget Formulation Integration – PFM developed a proposed process flow and action plan for improving RL baseline planning and budget formulation integration. The action plan is anticipated to:

- Improve the timeliness of baseline update guidance to the contractors
- Improve the quality and effectiveness of budget guidance documents
- Establish a formal Execution Year IPL for consistent scope prioritization and funded work
- Improve the timeliness and documentation of baseline planning for the Lifecycle.

Integrated Technical Data-mart – Version 1.4.29 of the BASS was successfully tested and moved to production. This version includes modifications to the user interface and Integrated Technical Data-mart (ITD) data model change. Also, the Lifecycle Scope, Schedule and Cost Report (Lifecycle Report) RL planning case data was imported into the ITD to support Budget Formulation and Planning and Lifecycle Model (LCM) applications.

MSA PFM completed development of the bridge between SharePoint and the ITD. The bridge is capable of reading data from SharePoint data lists and importing data to tables in the ITD. It also verifies if data has been changed and automatically copies data on a regular interval. The next step will be to create Oracle views to transform and calculate data to automate dashboard data feeds. This process will allow customers to utilize SharePoint to update data and see changes reflected in a matter of minutes on the related dashboard.

Lifecycle Scope, Schedule & Cost Report (Lifecycle Report) – The Lifecycle Report enables RL to fulfill the requirements of TPA Milestone M-036-01. MSA PFM is responsible for preparing this annual document, both as a draft and then as a final, and both are contract deliverables. PFM facilitated the Project Manager Meeting (PMM) between RL, the U.S. Environmental Protection Agency (EPA) and Washington State Department of Ecology (Ecology) on October 29, 2013. PFM supported RL in requesting that the regulators agree to forgo the cost estimate alternatives analyses in the 2015 Lifecycle Report and discussed the reasons at the PMM. EPA and Ecology were in agreement, and a documented cost savings of \$151,400 resulted from this decision.

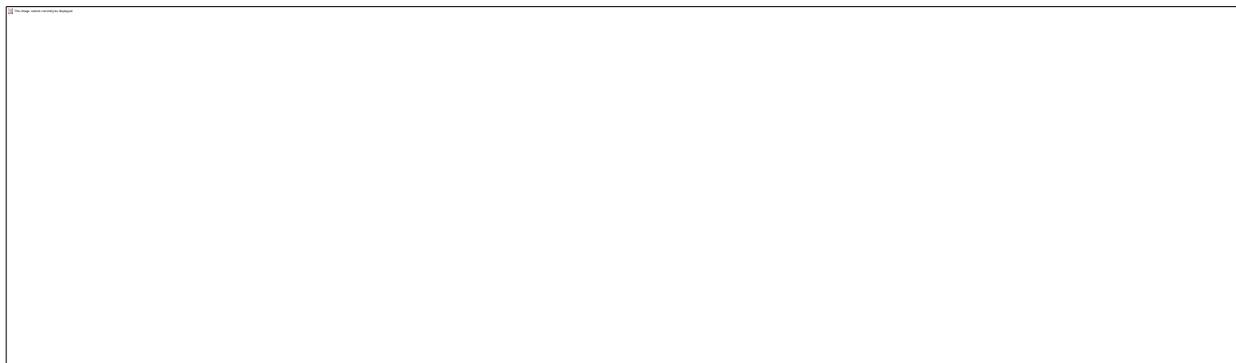
Performance Measurement Initiative – PFM continued to gather requirements for the next phase of reports for the Performance Measurement Initiative, which is designed to integrate schedule and performance cost data from multiple Hanford Site sources into the ITD. A written assessment of proposed reports is being prepared for MSA and RL Project Integration and Control (PIC) management.



Portfolio Analysis Center of Excellence (PACE) – PFM provided support to RL and DOE Office of River Protection (ORP) senior management on November 8, 2013, to present Hanford Site cleanup progress to Norm Dicks, former U.S. House of Representative for the state of Washington. In addition, PACE technical assistance, and graphics support was provided to RL for a presentation of the 100-K Area Shoreline Characterization results.

Metrics were posted on the MSA PFM web page for PACE use as follows:

1. Priority 1 (client, includes EM, HQ, RL, and ORP Office of the Manager) – 17 hours.
2. Priority 2 (client, includes RL/ORP Assistant Managers/Integrated Project Teams/Federal Project Directors) – 17 hours.
3. Priority 3 (client, includes RL/ORP customers) – 33 hours.
4. Priority 4 (Contractor, includes MSA/Washington Closure Hanford/CH2M HILL/Bechtel National, Inc. /Washington River Protection Solutions) – 4 hours.
5. Priority 5 (Internal, includes MSA PFM) – 11 hours.



Technical Improvement & Efficiency Opportunities – Several activities are underway to align the MSA cost savings process with the RL Technical Improvement/Cost Efficiencies Dashboard and data entry process managed by PFM. MSA Senior Management identified points of contact (POCs) to facilitate and steer ideas through the Technical Improvement process for each functional service area. PFM met with Operating Excellence and Project Controls staff to finalize the roll-out schedule and training plans for POCs who will be trained on the MSA-specific process and will be given a demonstration of the tracking system and dashboard. Training is scheduled to be provided to those individuals on December 2, 2013. In addition to the recently



developed “Frequently Asked Questions” document, an MSA-specific process flow diagram was developed and will be made available during the training.

LOOK AHEAD

FY2015 Budget Request – PFM continues to assist RL with the FY 2015 budget request that was submitted to the DOE Office of Management and Budget (OMB).

Supplemental budget justification documentation was prepared for discussions with OMB. The FY 2015 OMB Passback is anticipated in December 2013.

FY 2016-2020 Budget Formulation Process – The RL FY 2016-2020 Budget Formulation Planning Case will be reviewed with senior management in December. Senior management approved the planning case cost profile and the associated Tri-Party Agreement (TPA) milestone outcomes, and authorized initiation of work prioritization to this dataset. Additionally, budget planning work priorities were reviewed and updated to current assumptions. A first-draft Integrated Priority List (IPL) will be prepared in December for senior management review.

Portfolio Analysis Center of Excellence (PACE) – Tasks associated with upgrades for the PACE are on schedule. A monitor was recently installed outside of the center to display the daily calendar and upcoming events. Remaining upgrades include three new 80-inch high-definition monitors that will be replacing the existing five 52-inch monitors. Coordination is underway with the following support groups: Lockheed Martin Media Services, hardware technicians, General Services Administration, Move/Transportation team, and Avidex, the vendor who will re-program the system which integrates and operates all hardware in the PACE. Implementation is scheduled for the week of December 9, 2013.

MAJOR ISSUES

None to report.

SAFETY PERFORMANCE

There were no Occupational Safety and Health Administration recordable or first aid injuries reported for PFM in November 2013.



BASELINE PERFORMANCE

Table PFM-1. Portfolio Management Cost/Schedule Performance (dollars in millions).

Fund Type	November 2013					FYTD 2014					
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV	BAC
RL - 41	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.2
Site-wide Services	\$0.5	\$0.5	\$0.5	\$0.0	\$0.0	\$0.8	\$0.8	\$0.9	\$0.0	(\$0.1)	\$5.6
Subtotal	\$0.5	\$0.5	\$0.5	\$0.0	\$0.0	\$0.8	\$0.8	\$0.9	\$0.0	(\$0.1)	\$5.8

ACWP = Actual Cost of Work Performed.
 BAC = Budget at Completion.
 BCWP = Budgeted Cost of Work Performed.
 BCWS = Budgeted Cost of Work Scheduled.
 CV = cost variance.

D&D = decontamination & decommissioning.
 FYTD = fiscal year to date.
 RC = River Corridor.
 SV = schedule variance.
 EAC = Estimate at Completion.

FISCAL YEAR TO DATE (FYTD) BASELINE PERFORMANCE VARIANCE

Site-wide Services (SWS) cost variance (-\$0.1): Within threshold.



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MISSION SUPPORT ALLIANCE

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Project Planning & Integration

Kirk McCutcheon, Vice President

Monthly Performance Report

November 2013



*Project L-785, Grounded Service Conductors
Laid Out for Installation*



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INTRODUCTION

Project Planning and Integration (PP&I) is a service organization whose primary role is to support the U.S. Department of Energy (DOE), other Hanford contractors (OHCs), and service organizations within Mission Support Alliance, LLC (MSA). PPI executes Strategic Planning, Project Management, and Waste Treatment Plant (WTP)/DOE Office of River Protection (ORP) Integration. Strategic planning is comprised of the Infrastructure and Services Alignment Plan (ISAP) group and the MSA Strategic Planning group. The Project Management group has three functional organizations: Central Engineering, Project Management and Construction Management. WTP/ORP Integration is a single group that maintains a seat on the site's One System Group. Each of these areas manages their respective internal and external customer interfaces as required to ensure the successful implementation and maintenance of the Mission Support Contract (MSC).

KEY ACCOMPLISHMENTS

STRATEGIC PLANNING

Infrastructure and Services Alignment Plan (ISAP) – During November, the fiscal year (FY) 2014 ISAP Program scope was reviewed and discussed with DOE Richland Operations Office (RL) staff. Other activities included the interview phase of a stakeholder survey of DOE-RL, MSA and OHC contacts regarding ISAP documents use, plus ongoing technical support of the long-term public access study.

PROJECT MANAGEMENT

Maintenance Management Program (MMP) – This activity implements the FY 2014 Enhanced Maintenance Management Program for Electrical and Water Utilities. The inventory of electrical system components and systems continues, nearing 85% complete. The prioritization of Water Utilities components and systems is 75% complete. All program procedures were drafted and are being routed for review and approval. A Computerized Maintenance Management System (CMMS) transition plan was completed. A Statement of Work and Request for Proposal were drafted for a third-party Reliability Maintenance and CMMS consulting service.

Project L-761, Radio Fire Alarm Reporting (RFAR) System Upgrade – This activity is to replace the RFAR receiving stations in the 200 Area Fire Station and the Federal Building, supported by a new high-gain antenna system. Preparation work for final



electrical tie-ins was completed at the Met Tower enclosure, the Uninterruptible Power Supply (UPS) at the 200 Area Fire Station Hose Tower, and the 300 Area Fire Station.

Project L-778, Plateau Water System Improvements – This Project provides improvements to the Central Plateau raw water system. On November 25, 2013, the final Construction Completion Report, including As-built Drawings and Specifications, was transmitted to the State of Washington, Department of Ecology through the MSA Water Purveyor’s Office.

Project L-785, Permanent Power to 211ED and 212ED – This Project involves installation of permanent power to the fleet maintenance tents. As-Built drawings were completed, and project closeout is underway.

Project L-787, Arc Flash Implementation –Field labeling data was entered into the SharePoint system for the 6290 and HAMMER facilities. Work packages for Maintenance Services to perform field labeling at the 2101M, 2266E, and 2711E Buildings in accordance with the project schedule were prepared.

Project L-841, 2711EF Rain Gutters – This Project provides for the installation of a rain gutter system at the 2711EF Fleet Maintenance structures. The construction contract was awarded on November 13, 2013. The completion of the premobilization checklist and the processing of subcontractor submittals continue in preparation for mobilization.

Project T-238, 6092 Vehicle Bay Fire Wall/HAMMER – This Project will provide a fire-rated separate egress pathway in the 6092 Building at the HAMMER Facility. The construction kick-off meeting was held on November 18, 2013, and pre-mobilization submittals were initiated.

LOOK AHEAD

Project L-841, 2711EF Rain Gutters – During the week of December 2, 2013, a construction kick-off meeting will be held and crews will mobilize for construction.

Project T-238, 6092 Vehicle Bay Fire Wall/HAMMER – Crews will mobilize for construction the week of December 2, 2013.

MAJOR ISSUES

Nothing to Report.



SAFETY PERFORMANCE

No Occupational Safety and Health Administration (OSHA) recordable injuries were reported for PP&I in November 2013.

BASELINE PERFORMANCE

Table PPI-1. Project Planning & Integration Cost/Schedule Performance (dollars in millions).

Fund Type	November 2013					FYTD 2014					
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV	BAC
RL - 40	\$0.1	\$0.0	\$0.0	(\$0.1)	\$0.0	\$0.3	\$0.1	\$0.0	(\$0.2)	\$0.1	\$90.0
Site-wide Services	\$0.5	\$0.4	\$0.2	(\$0.1)	\$0.2	\$0.9	\$0.7	\$0.5	(\$0.2)	\$0.2	\$4.9
Subtotal	\$0.6	\$0.4	\$0.2	(\$0.2)	\$0.2	\$1.2	\$0.8	\$0.5	(\$0.4)	\$0.3	\$94.9

ACWP = Actual Cost of Work Performed.

CV = Cost Variance.

BCWP = Budgeted Cost of Work Performed.

FYTD = Fiscal Year to Date.

BCWS = Budgeted Cost of Work Scheduled.

SV = Schedule Variance.

BAC = Budget at Completion.

FYTD BASELINE PERFORMANCE VARIANCE

RL-40 Schedule Variance (-\$0.2M) – The FYTD negative schedule variance is primarily due to the delay in FY 2013 carryover funding authorization for the Homeland Security Presidential Directive (HSPD) and L-761 (*RFAR System Upgrade*) projects.

SWS Schedule Variance (-\$0.2M) - The primary drivers for the FYTD negative schedule variance is Project A-014 (*Waste Sampling and Characterization Facility HVAC Control System Upgrade*) not receiving FY 2014 funding authorization.



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"WE WILL MEASURE OUR SUCCESS BY OUR CUSTOMERS' SUCCESS"



Safety, Health, Quality & Training

Paul Kruger, Vice President

Monthly Performance Report

November 2013

YOU are at the Intersection of MSA Safety and Environmental Programs

You are at the intersection of:
Voluntary Protection Program
Integrated Safety Management System
Our Environmental Mgmt System
Automated Job Hazard Analysis
Employee Job Task Analysis
Under Stop Work Authority
Zero Accident Council

They DON'T Work without YOU!

2010-10-0516 Rev 2
October 21, 2010



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INTRODUCTION

Safety, Health, Quality & Training (SHQ&T) is a support organization that provides services to the other organizations within the Mission Support Contract (MSC). Their purpose is to assist MSC organizations in achieving their missions safely, compliantly, and to help provide the highest level of quality using a graded approach and to aggregate those functions that require a reporting chain that is completely independent of Mission Support Alliance (MSA) Service Area Vice Presidents or line management.

Some of the people working as members of the SHQ&T organization are deployed to support the Service Area Managers as their primary function. These individuals are part of a matrix management where the Service Area Manager is responsible to direct what work is performed and when it will be performed. How SHQ&T support services are performed is governed by SH&Q programs, policies and procedures.

The SHQ&T organization also develops and improves the safety, health, radiation protection, and quality policies and procedures that govern work performed by MSA. They perform assessments, manage and track corrective actions, and evaluate work site and office conditions with the goal of constantly improving safety and quality.

The Volpentest HAMMER Federal Training and Education Center (HAMMER) facility provides site-specific safety training. The primary mission of HAMMER is to provide realistic, hands-on, standardized safety and health training to Hanford Site workers, enabling them to perform work in a safe and compliant manner. HAMMER leverages its training expertise to support national and international agencies providing training for emergency responders and homeland security personnel, helping strengthen the safety and security envelope around the world. HAMMER also performs a critical role for Department of Energy (DOE) to ensure energy restoration actions are managed promptly in the wake of natural disasters. Throughout all of these roles, HAMMER holds true to the core value of bringing workers and managers together with a single focus on worker safety.

KEY ACCOMPLISHMENTS

HAMMER Cohosts International Workshop – HAMMER and Pacific Northwest National Laboratory (PNNL) hosted an International Atomic Energy Agency (IAEA) International Workshop on Nuclear Forensic Methodologies sponsored by the National Nuclear Security Administration (NNSA). The International Atomic Energy Agency (IAEA) was able to use HAMMER's unique facility to train participants against a simulated seizure of nuclear material. The event was featured in local news media and



was attended by the Deputy Administrator for Defense Nuclear Nonproliferation for NNSA.

Acquisition Verification Services Supports Other Hanford Contractors – Acquisition Verification Services (AVS) was requested to meet with Washington River Protection Solutions, LLC, (WRPS) Quality and Procurement personnel to discuss corrective actions put in place by American Electric in response to AVS's most recent audit of their Quality Program. Specifically, WRPS wanted AVS's input regarding steps put in place by American Electric involving qualification and certification of inspection personnel. As a result, it was concluded that American Electric's corrective actions were adequate to address the identified deficient conditions. Additionally, AVS performed an inspection of a bulk railcar shipment of caustic soda at Harms Pacific Transport in Pasco, Washington. This inspection was performed on behalf of WRPS.

Health, Safety and Security Beryllium Review – The DOE Headquarters (HQ) Health, Safety and Security (HSS) team was at Hanford for a week at the beginning of November. The closeout meeting was positive overall, especially in regards to MSA's coordination of site wide beryllium corrective action plan efforts. The team was impressed with the level of worker involvement and said that they have not seen anything at other sites that parallels the participation of workers found at Hanford. They also found MSA to be well ahead of the curve regarding progress in the assessment and characterization process.

In 2010 the team was very concerned about the Employee Job Task Analysis (EJTA) process but feels that significant progress has been made, understanding that the funds are not currently available to upgrade the EJTA software, preventing implementation of the Site Wide EJTA procedure. They hope that the contractors will continue to assess their EJTA programs to ensure that they are maintaining compliance to the levels that they have seen during this visit.

New Site Wide Industrial Hygiene Database Release – The Site Wide Industrial Hygiene Database (SWIHD) release 1.10, which enhances existing features, was approved and is expected to be in production in early December.

LOOK AHEAD

HAMMER to Host National Guardsmen in 2014 – In June 2014, HAMMER will be hosting the Washington National Guard Homeland Response Force External Evaluation for a group of about 850 National Guardsman.

Hanford General Employee Training Revamp – The Hanford General Employee Training (HGET) Improvement Initiative, championed by both DOE-RL and MSA



SHQ&T, is underway. The initial workshop identified potential reductions and changes to the HGET lessons. The individual lesson meetings with the subject matter experts are now being scheduled, and the guidelines for HGET review/revision processes are in development. This will help HAMMER Training keep HGET a reasonable size. Upon completion of this project, expectations are that HGET will be better streamlined, thus saving valuable person-hours spent in training.

Ice Warnings Coming – Worker Protection safety staff performed a walk down of MSA leased facilities to consider placement of Ice Alert warning devices in MSA leased facility parking and walking areas. The devices are to signal when freezing or near-freezing conditions exist, and can help prevent many of these slip and fall injuries. At this point, enough devices have been ordered to cover the asphalt parking lots in all of the MSA leased facilities south of the Wye barricade, which includes the Federal Building. Safety staff will reevaluate and consider their application north of the Wye barricade after receiving initial employee feedback.

MAJOR ISSUES

Outdated Spotter Training Issue Resolved – The current training issue for spotters regarding DOE-0359, *Hanford Site Electrical Safety Program*, has been resolved. HAMMER will no longer be teaching or offering this class and will eventually remove it altogether. HAMMER will notify all of the contractors' training managers that they will each have one year for their workers to complete the *Equipment Operations Near Power Lines* training course.

SAFETY PERFORMANCE

SHQ&T had one Occupational Safety and Health Administration recordable injury in November when an employee's right leg went numb ("fell asleep") while working at his desk, causing him to stumble upon trying to stand. Pain and swelling in the right ankle after the incident prompted the need for medical evaluation.

SHQ&T also had two first aid cases in November. The first involved an employee stepping on a paperclip in a parking lot that punctured his foot. The second was an employee that suffered eye irritation from chemicals that got into his eyes while assisting in the repair of the heating system, despite the employee's wearing of safety glasses.



BASELINE PERFORMANCE VARIANCE

Table SHQ&T-1. SHQ&T Cost/Schedule Performance (dollars in millions).

Fund Type	November 2013					FY 2014					
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV	BAC
Site-wide Services	\$0.9	\$0.9	\$1.3	\$0.0	(0.4)	\$1.5	\$1.5	\$2.9	\$0.0	(\$1.4)	\$10.1
RL-40	\$0.4	\$0.4	\$0.5	\$0.0	(\$0.1)	\$0.6	\$0.6	\$0.9	\$0.0	(\$0.3)	\$4.0
Subtotal	\$1.3	\$1.3	\$1.8	\$0.0	(\$0.5)	\$2.1	\$2.1	\$3.8	\$0.0	(\$1.7)	\$14.1

ACWP = Actual Cost of Work Performed

CV = cost variance

BCWP = Budgeted Cost of Work Performed

FYTD = fiscal year to date

BCWS = Budgeted Cost of Work Scheduled

SV = schedule variance

BAC = Budget at Completion

EAC = Estimate at Completion

FYTD BASELINE PERFORMANCE VARIANCE

Site-wide Services Cost Variance (-\$1.4M) / RL-40 Cost Variance (-\$0.3M)

The unfavorable Fiscal Year (FY) variances are largely due to the completion of re-aligning the baseline to the negotiated contract, and using the approved change control process, implementing the re-aligned baseline data for the start of FY 2014. RL provided approval of the baseline data to report progress against, but also provided an approved and funded priority list of items for MSA work scope. The variance in this account is due to the approved funding and priority list scope being divergent from the baseline. This situation is not an issue that requires a corrective action by SHQ&T, but by MSA. MSA has prepared and submitted contract change proposals to align the contract baseline with the RL approved scope. Additionally, the actual labor rate shows an increase after normalization.

MISSION SUPPORT ALLIANCE

"WE WILL MEASURE OUR SUCCESS BY OUR CUSTOMERS' SUCCESS"



Site Infrastructure & Logistics

Michael Wilson, Vice President

Monthly Performance Report

November 2013



MSA Electrical Utilities personnel performing preventative maintenance on the A-9 Substation



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INTRODUCTION

The Mission Support Alliance, LLC (MSA) Site Infrastructure & Logistics (SI&L) function provides a myriad of services to support a broad base of customers performing their respective Hanford Site missions. SI&L provides best-in-class operations, support and maintenance services within a culture of safety, customer service and fiscal responsibility. SI&L services include: Biological Controls, Crane & Rigging (C&R), Courier Service, Facility Maintenance Services, Land and Facilities Management (L&FM), Fleet Management & Maintenance, Long Term Stewardship, Mail Service, Motor Carrier Services, Traffic Management, Technical Services (Custodial, global contracts and technical support), Utilities (Electrical, Sewer & Water) and Warehousing (asset control & inventory management). SI&L's goal is to provide cost-effective and timely services that are centered on customer needs in support of the Hanford environmental cleanup objectives.

KEY ACCOMPLISHMENTS

222S Laboratory HVAC Replacements – Washington River Protection Solutions LLC (WRPS) requested the services of Maintenance Services Refrigeration Equipment Services (RES) to replace the outdated Heating, Ventilation, and Air conditioning (HVAC) unit and recirculating fans at the 222S Laboratory. Replacement of the old units is required at this point due to age of the existing equipment, along with numerous corrective repairs that have already been made. MSA planners have initiated work with their 222S Lab counterparts, 222S Labs Safety personnel, and RES field work supervisors to coordinate the effort.

Land and Facilities Management (L&FM) Process Efficiencies – MSA L&FM is working with MSA Information Management to determine the actual cost being paid for operating and maintaining Information Management-related facilities. The goal of the evaluation is to determine if the facilities can be operated and maintained more efficiently. A preliminary evaluation was completed and some of the data provided to MSA Information Management is being used to develop a path forward regarding the affected facilities.

Crane & Rigging and WRPS Support-135 Ton Crane Training – Crane & Rigging Services, in conjunction with WRPS, is conducting training of additional personnel on the 135-ton crane to ensure continuity of operations of the Mobile Arm Retrieval System (MARS) single shell tank waste retrieval project at C-Farm. The crane was purchased



specifically for this project due to reach and capacity requirements.

AY-102 Leak Detection Robot Deployment – MSA Crane and Rigging personnel performed a mock-up deployment of a robot designed to enter leak detection piping below Tank AY-102. The robot was designed by WRPS to examine leak detection piping, to help determine the source of uncontaminated water infiltration. When deployed in real time, the robot will be hoisted down approximately 60 feet into a 24 inch riser. It will then be sent to crawl from its deployment chute into a 6-inch pipe and make its way toward the center of the tank using a camera system installed on the robot.

Weld Repair on Auger Drill – While performing an annual inspection on an auger drill for the CH2M HILL Plateau Remediation Company's (CHPRC's) Well Maintenance group, MSA Heavy Equipment mechanics discovered a severe crack in one of the rear cylinder mounts welds. This crack caused the misalignment of the cylinder and potential instability of the drill. Following an engineering evaluation, mechanic welders were able to repair and strengthen both rear cylinder mounts. After completing the work, the equipment was function tested and placed back into service.



Weld repair to auger drill

Support to WRPS Top Hat Assembly – MSA Maintenance Services supported WRPS in fabricating a new top hat assembly that was attached to the work platform covering the 241-C-107 MARS containment box for use on work activities associated with removal of a failed waste transfer pump. Now fully repaired, the pumping system is being used to finish the retrieval of the C-107 waste tank in support of U.S. Department of Energy (DOE) and State of Washington, Department of Ecology consent decree milestones.

Preventative Maintenance at A-9 230KV Substation – An important element of providing a safe, reliable electrical distribution system to Hanford is the predictive and



preventative maintenance (PMs) of the six MSA-managed high voltage onsite electrical substations. The A9 Substation PMs are performed by high voltage electricians, with support of operators, dispatchers, and relay and meter craft, requiring inspections and testing of the 230KV gas circuit breakers (GCBs), potential transformers (PTs), lightning arrestors, the incoming 230kv to 13.8kv transformers and associated cables. Also, aerial switches are lubricated and tested, while associated hardware is inspected for deficiencies. As a result of this PM cycle, secondary transformer bushings were identified as having low capacitance readings. Engineering determined that the bushings were in spec, based on manufacturer requirements, and PMs continued to help ensure system reliability.

Long-Term Stewardship (LTS) – MSA LTS delivered the Draft Rev 0 of the Interim Safe Storage (ISS) Reactors Transition and Turnover Package (TTP) to DOE Richland Operations Office (RL) in October. RL comments were due back to MSA LTS by November 21, 2013. On November 14, 2013, LTS facilitated a real time review/ resolution meeting that allowed RL subject matter experts to ask questions of the LTS team and to develop agreeable resolutions. Delivery of the final version of the ISS TTP is anticipated in early January 2014.

Replacement of Ten HVAC Units for CHPRC – A new work package has been initiated for replacement of ten HVAC units on the roof of 2753E in the 200 East Area. Prior to opening a work package, the job required a collective walk-down with planners, supervisors, and RES crew members to gather information about the units to be supplied to the vendor. Although the 10 units requiring replacement will be replaced with identical HVAC units, they still require new curb adapters that will be custom made to adapt the new units to the existing curbs. The new units will be more energy efficient, reliable for the seasonal changes, and provide better air supply for the CHPRC building occupants.

Mobile Office (MO) 273 Remodel for CHPRC – Two work packages were completed for CHPRC to support the remodel of MO273 at the Plutonium Finishing Plant (PFP). The first package was to remodel the facility in order to accommodate new tenants and create a conference area. The scope was to remove the office cubicles and disconnect electrical circuits in order to make an open floor space and create a new meeting area. The second package was to add seven new branch circuits to add additional appliances for the new tenants. This remodel also served to facilitate the strategic placing of personnel for CHPRC in conjunction with their overall Deactivation and Decommissioning (D&D) plan at PFP.



LOOK AHEAD

Nothing to report.

MAJOR ISSUES

Nothing to report.

SAFETY PERFORMANCE

There were no Occupational Safety and Health Administration recordable injuries reported within SI&L during the month of November 2013. There were three minor first aid cases reported: a strained shoulder, a scraped finger, and a cut finger. In addition, there was one minor vehicle accident reported during the month, a government vehicle knocked over a street sign.

BASELINE PERFORMANCE

FYTD BASELINE PERFORMANCE VARIANCE

Table SIL-1. Site Infrastructure & Logistics Cost/Schedule Performance (dollars in millions).

Fund Type	November 2013					FYTD 2014					
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV	BAC
RL-0040 - Nuc. Fac. D&D - Remainder Hanford	\$0.0	\$0.0	(\$0.1)	\$0.0	\$0.1	\$0.0	\$0.0	(\$0.2)	\$0.0	\$0.2	\$0.1
RL-0041 - Nuc. Fac. D&D - RC Closure Proj.	\$0.2	\$0.2	\$0.2	\$0.0	\$0.0	\$0.3	\$0.3	\$0.3	\$0.0	\$0.0	\$2.1
Site-wide Services	\$3.1	\$3.1	\$3.3	\$0.0	(\$0.2)	\$5.3	\$5.3	\$6.6	\$0.0	(\$1.3)	\$35.0
Subtotal	\$3.3	\$3.3	\$3.4	\$0.0	(\$0.1)	\$5.6	\$5.6	\$6.7	\$0.0	(\$1.1)	\$37.2

ACWP = Actual Cost of Work Performed.

BCWP = Budgeted Cost of Work Performed.

BCWS = Budgeted Cost of Work Scheduled.

BAC = Budget at Completion.

CV = cost variance.

FYTD = fiscal year to date.

SV = schedule variance.

EAC = Estimate at Completion

FYTD BASELINE PERFORMANCE VARIANCE

CV RL-40 (+\$0.2) – The General Supplies Inventory administrator has sold more inventory than purchased this fiscal year. Due to the potential government shut-down,



procurements were placed on hold until late in the month of October. This account will be managed to end the fiscal year as close to \$0 balance as can be achieved.

CV SWS (-\$1.3M) – The variance is mostly due to overruns in the following 3 areas:

- 1) Electrical Utilities (EU) – More material procurements were made due to new requirements that were not accounted for in the baseline. These included the disposal of Power/Telecommunications lines to the Environmental Restoration Disposal Facility (ERDF), a trailer mounted load center, bushings to replace the A-9 Transformer (needed for an unplanned outage), spare parts from a vendor who is going out of business, an infrared camera and an analyzer. Finally, the baseline was not adequate for number of maintenance items that have needed replaced due to the aging life of the material on the Hanford site. An Enhanced Maintenance Program has been established to better predict future system failures, and performance of Predictive Maintenance versus the Preventative Maintenance method.
- 2) Water & Sewer Utilities (WU) – Staffing levels are currently higher than the baseline, again due to the maintenance activities required to keep the Water and Sewer distribution system, which has degraded across the site, due to the age of the system. The Water and Sewer Utilities is also part of the Enhanced Maintenance Program, referenced in EU section above.
- 3) The Site Infrastructure and Logistics Project Management Account (SI&L PMA) – Staffing levels are also above the baseline plan, due to the size of the organization that was combined with other scope, due to the Mission Support Alliance company reorganization, which occurred in FY12.

Finally, some variances in SI&L are due to the approved funding and the Integrated Priority List (IPL) scope being divergent from the baseline. This situation is not an issue that requires a corrective action by the Control Account Manager or SI&L, but this variance will continue to grow as the IPL value for RL-41 and Site Wide Services (SWS) are higher than the BACs in the Baseline.



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