

MISSION SUPPORT ALLIANCE

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



Monthly Performance Report November 2011

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
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
L&T	Logistics and Transportation
MSA	Mission Support Alliance, LLC
ORP	U.S. Department of Energy, Office of River Protection
RHP	Risk Handling Plan
RL	U.S. Department of Energy, Richland Operations Office
SAS	Safeguard & Security
SI&U	Site Infrastructure and Utilities
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 and critical issues.

1.1 KEY ACCOMPLISHMENTS

Hanford Federal Network (HFNET) Transition Successful - Effective November 14, 2011, RL became the first tenant on the Hanford Federal Cloud, leading the transformation for Hanford and other Environmental Management field offices. During this migration, 650 users were transitioned to HFNet over a one-week period. Transitioning RL to HFNet results in improved services, while providing global cost savings and environmental benefits to the government. Benefits include centralized and consolidated data centers, reduction in energy usage at both the desktop as well as the data center using Thin Client technology, cost savings on computer hardware and software, and improved cyber security posture. The existing Video Teleconference (VTC) systems and Voice over Internet Protocol (VoIP) systems were transitioned from Richland Operations Office Local Area Network (ROLAN) to HFNet over the same weekend. This transition went well, with all systems tested and operational.

Partnering Session with RL – The Contracts organization held a partnering session with RL on November 18, 2011, to discuss the path forward and expectations on the Request for Equitable Adjustment (REA) for fiscal year FY 2009/2010. Feedback included providing a declarative statement on the driver of the change, estimated cost impact by driver, and correlating the scope back to the original proposal.

Small Business Mentor-Protégé Companies – The two new small business Protégés and incumbent Protégé, WESTECH International, attended a Jacobs-sponsored Mentor-Protégé Technology-Transfer Workshop on November 1-3, 2011, in Oak Ridge, Tennessee. MSA Procurement Engineering worked with MSA partner Jacobs Engineering Group to plan this event.

Site Sustainability – In November 2011, the in-field data collection portion of the Facility and Energy Assessment was completed at the HAMMER facility, and also at Fire Station Bldg. 609A, Fire Station Office MO292, and at the Crane & Rigging Building



6290. A significant amount of data was collected in the field that will be entered into a building energy use benchmarking system (such as ENERGY STAR) to identify and implement energy or water saving measures that are determined to be life-cycle cost effective. This activity is in support of the Hanford Site Sustainability Program. Final data for the Pollution Prevention Tracking and Reporting System was entered into the DOE Headquarters (HQ) database on November 28, 2011. The data is used to prepare the DOE's annual progress reports required under DOE Order 450.1A, Environmental Protection Program, as well as for progress reports under the Office of Management and Budget and the Strategic Sustainability Performance Plan.

Radiological Site Services (RSS) – The U.S. Department of Energy Laboratory Accreditation Program (DOELAP) accreditation applications for extremities were transmitted to RL. This submittal constitutes completion of one of the Fiscal Year (FY) 2012 performance incentives for RSS.

Waste Sampling and Characterization Facility (WSCF) – To support resumption of operations at WSCF, the pre-filter and high efficiency particulate air (HEPA) filter change out was successfully completed. This represents the first change out of these HEPA filters since the facility began operations in the early 1990s. Following completion of the HEPA filter change out, additional testing of the fume hoods was completed, including flow visualization using dry ice and smoke tubes to verify fume hood performance. This data will be evaluated by the independent panel to recommend restart of lab operations anticipated for the first week in December.

FY 2012 First Quarter Limited Exercise – On November 17, 2011, MSA conducted the FY 2012 First Quarter Limited Exercise at a Tank Farm facility in the 200 West Area for the Department of Energy. The scenario involved a release of radiological material during a waste transfer operation. MSA lead the coordinated effort to develop a scenario that would ensure multiple contractors and emergency services organizations could meet the planned objectives for the exercise. The exercise was effectively conducted as scheduled, and in accordance with the exercise plan.

Recall Notification Completed – MSA Safeguards and Security (SAS) staff completed the first recall notification test that supports the FY 2012 Recall Performance Incentive.

Cyber Security Fourth Quarter Penetration Testing Results - The MSA Information Management Cyber Security group recently completed the FY 2011 Fourth Quarter Penetration Test Final Report. A penetration test is security testing in which evaluators mimic real-world attacks in an attempt to identify ways to circumvent the security features of an application, system, or network. MSA Cyber Security performs



penetration tests to provide management with an assessment of the general security posture of Hanford Local Area Network (HLAN) resources, and to improve the security posture through the identification and validation of technical weaknesses in HLAN security. The penetration test was organized into three campaigns where the team was able to connect together vulnerabilities in several systems to penetrate and compromise targeted HLAN systems. Several weaknesses were identified and immediately fixed, resulting in an improved HLAN security posture.

Material Safety Data Sheets External (MSDS EXTERNAL) Version Update - MSA IM successfully released version 1.0.0 of MSDS EXTERNAL. This release is a read-only copy of the HLAN version of MSDS and has been placed external to the HLAN (in the DMZ). MSDS EXTERNAL will accommodate internet users located off the Hanford site that still support Hanford activities, allowing them to access the same Material Safety Data Sheets available on the HLAN.

Portfolio Analysis Center of Excellence (PACE) Operations – MSA Portfolio Management (PFM) provided a demonstration of the PACE, the Integrated Technical Data-mart (ITD), and the web-based Geo-Visualization tool to Rod Rimando, DOE Deputy Federal Project Director for the Savannah River Site Recovery Act Project.

Contingency Analyses for Peer Reviews – PFM developed and performed multiple quantitative risk analyses for RL projects. MSA Risk Analysts created risk analyses models for the RL-0030.C Project (the capital asset project for the 200 West Pump and Treat System as well as well drilling, well decommissioning, and construction of the 100-DX Pump and Treat System) and an independent analysis of the RL-0011 Plutonium Finish Plant Closure Project (PFP). The RL-0030.C analysis was utilized to substantiate identified contingency requirements for the project and to provide an updated risk posture to present to the DOE-HQ peer review that occurred during the month.

4790 Demolition & Destruction - MSA linemen provided outage support for Washington Closure Hanford, LLC (WCH) during demolition activities at 4790. A plywood structure was built around the 13.8kV transformer for physical protection during the demolition. The outage was established to protect the transformer from electrical hazards. The transformer will remain in place as it is in use feeding other facilities.

Cleanup & Down posting of 3.54 Acres in 200 West Area – The CH2M HILL Plateau Remediation Company (CHPRC), Washington River Protection Solutions, LLC (WRPS), and MSA planned and executed stabilization and down posting of 3.54 acres of the



approximately 10 acre Waste Information Data System (WIDS) Site 200-W-54 in the 200 West Area. This area had been radiologically posted for many years and was problematic to all three Contractors who needed to regularly perform work in this area. Available funds made it possible to clean, stabilize with clean gravel, and down post to Underground Radioactive Material Area (URMA) this year.

Long-Term Stewardship (LTS) - The Draft Segment 2 Transition and Turnover Package (TTP) was delivered to RL on November 18, 2011, 12 days ahead of the original schedule. A pre-review briefing of the TTP was held on November 4, 2011, for the RL subject matter experts to support an accelerated review cycle.

2.0 ANALYSIS OF FUNDS

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

Funds Source PBS	Title	Expected Funds	**FY12 Spend Forecast	*Funds Received	November Actuals	Remaining Available Funds
100PD	Richland Program Direction	\$91.0	\$0.0	\$131.9	\$0.0	\$131.9
RL-0011	NM Stabilization & Disposition	\$23.9	\$28.2	\$55.4	\$5.2	\$50.2
RL-0020	Safeguards & Security	\$71,071.3	\$72,499.7	\$14,608.0	\$9,006.3	\$5,601.7
RL-0030	Soil & Water Remediation	\$0.0	\$0.0	\$9.5	\$0.0	\$9.5
RL-0040	Reliability Projects/ HAMMER/ Inventory/ Land Mgmt	\$18,059.4	\$17,977.7	\$6,379.0	\$2,157.9	\$4,221.1
RL-0041	B Reactor	\$2,672.9	\$2,916.5	\$900.8	\$322.5	\$578.3
SWS	Site-Wide Services	\$178,586.9	\$181,064.1	\$50,307.8	\$21,018.0	\$29,289.8
Total		\$270,505.4	\$274,486.2	\$72,392.4	\$32,509.9	\$39,882.5

FYTD = fiscal year to date.

HAMMER = Volpentest HAMMER Training and Education Center.

PBS = Project Baseline Summary.

PD = Project Development.

PMB = Performance Measurement Baseline.

PMTO = Portfolio Management Task Order.

SWS = Site-Wide Services.

EAC = Estimate at Completion

Notes:

Assumes implementation of FY 2012 RL Approved Integrated Priority List (IPL) including carryover scope

Assumes additional funding for PMTO 12-001 (\$100K) and 12-002 (\$23.9K)

EAC for fee assumes a credit for FY11 forfeited fee of \$2,208.4K

* Funds received through Mod 162

** EAC includes \$569.1K for FY13 portion of Project L-718 Funded in FY12

Pending final decisions on staffing adjustments

Outlook includes \$17.5M for severance and includes \$3.7M in unallocated budget

Current forecasted overrun includes (1) \$2.2M definitization of RSS implementation (2) RL authorized scope for PMTO's 12-002, Support to PFP and 12-001, Support to River Corridor for a total of \$393K labor and (3) PBS RL-20 has a higher labor realization than planned.



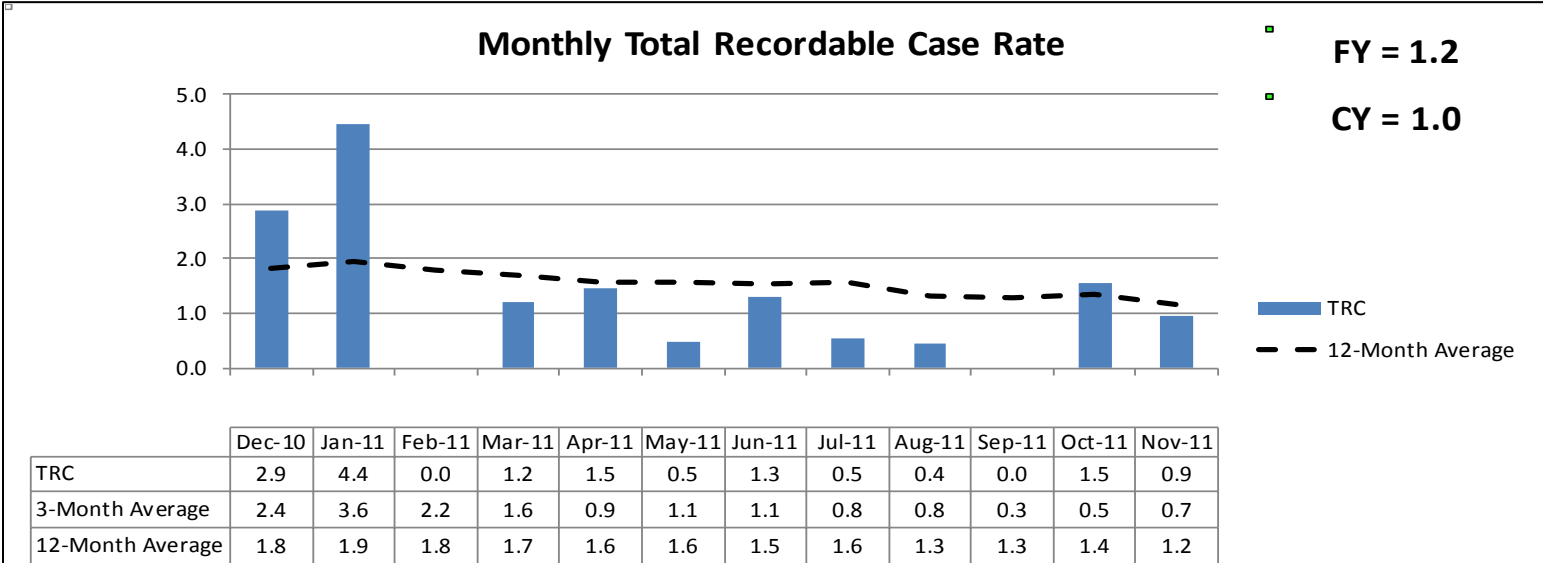


3.0 SAFETY PERFORMANCE

The October and November Total Recordable Case Rates (TRC) and Days Away Restricted/Transferred (DART) rates were unacceptably high. MSA Senior Managers are participating in scheduled safety awareness meetings to personally discuss safety work practices and processes with their employees. MSA Safety, Health & Quality Safety Professionals and HAMTC/HGU Safety Representatives are in attendance to assist with hazards identification and controls. The goal is to increase situational awareness of workplace hazards.



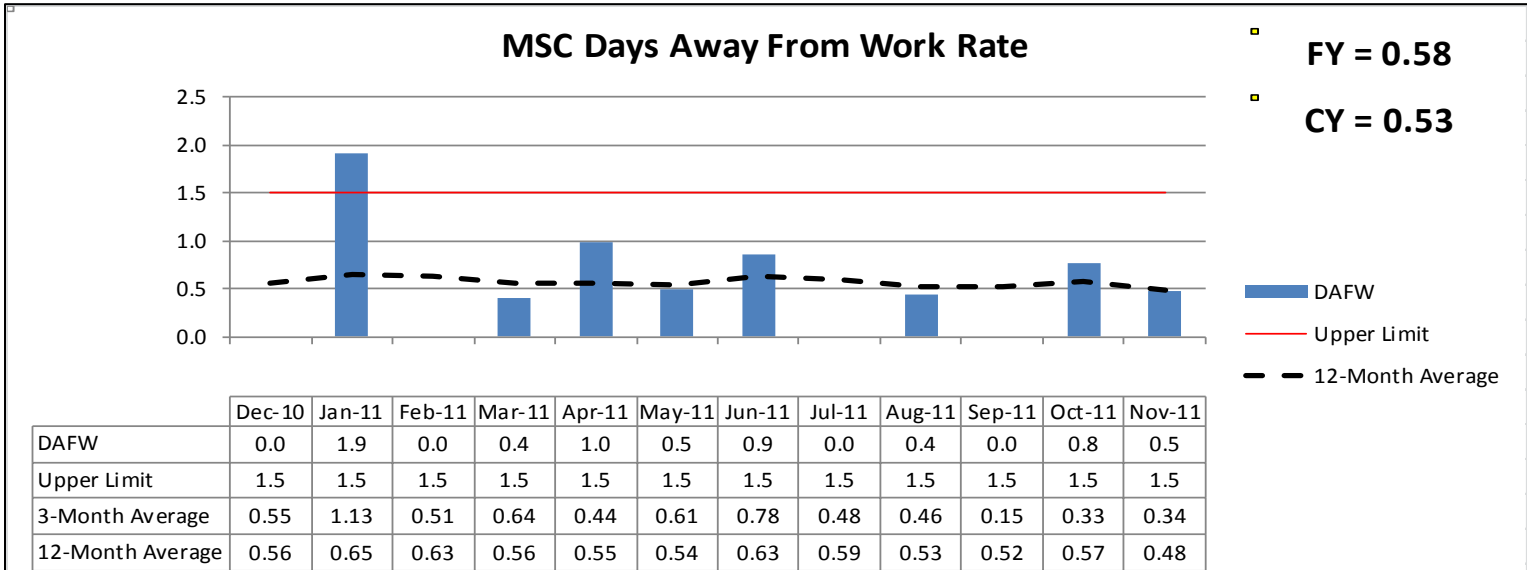
Table 3-1. Total Recordable Case Rate



Definition	Analysis
Total Recordable Case (TRC) rate is calculated based on the total number of injuries per 200,000 hours that require more than first aid and must be reported.	MSA’s two injuries combined with low labor hours for the month of October contributed to the high TRC rate of 1.5. Although October is above the EM goal of <1.3, the three month average (Sept/Oct/Dec) is 0.7. Additionally, the TRC rate for the Calendar Year (Jan – Nov) is 1.2. Injuries are primarily occurring within the Emergency Services organizations, i.e., Fire Department and Patrol. MSA has formed committees and review teams to evaluate current training and operational procedures. Recommendations for improved training practices are being developed.
Goal	
Red: More than 3 standard deviations from 1.3	
Yellow: Greater than or equal to 1.3	
Green: Less than 1.3	



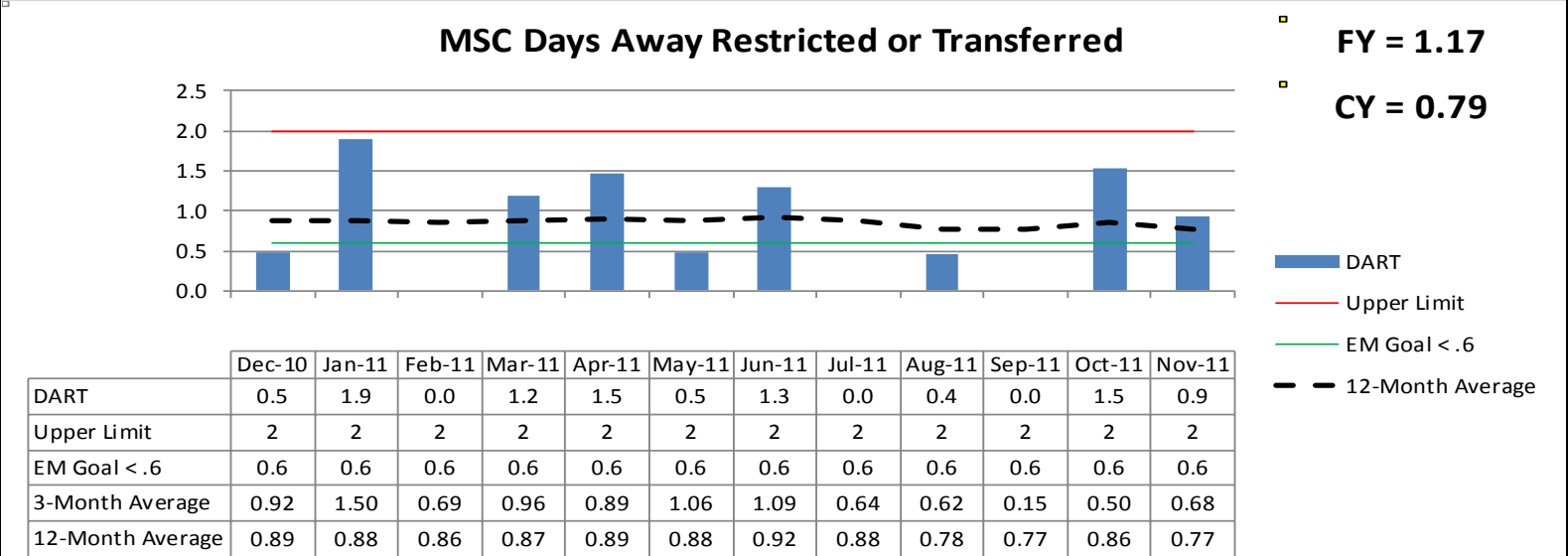
Table 3-2. Days Away From Work



Definition	Analysis
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.	The severity of injuries continue to result in a high number of DART and DAFW cases, as there was no significant change during the past Calendar Year. MSA Safety & Health has initiated various awareness campaigns to alert and educate employees of workplace hazards, targeting areas such as trips, slips, and falls.
Goal	
Red: More than 3 standard deviations from .4	
Yellow: Greater than or equal to .4	
Green: Less than .4	



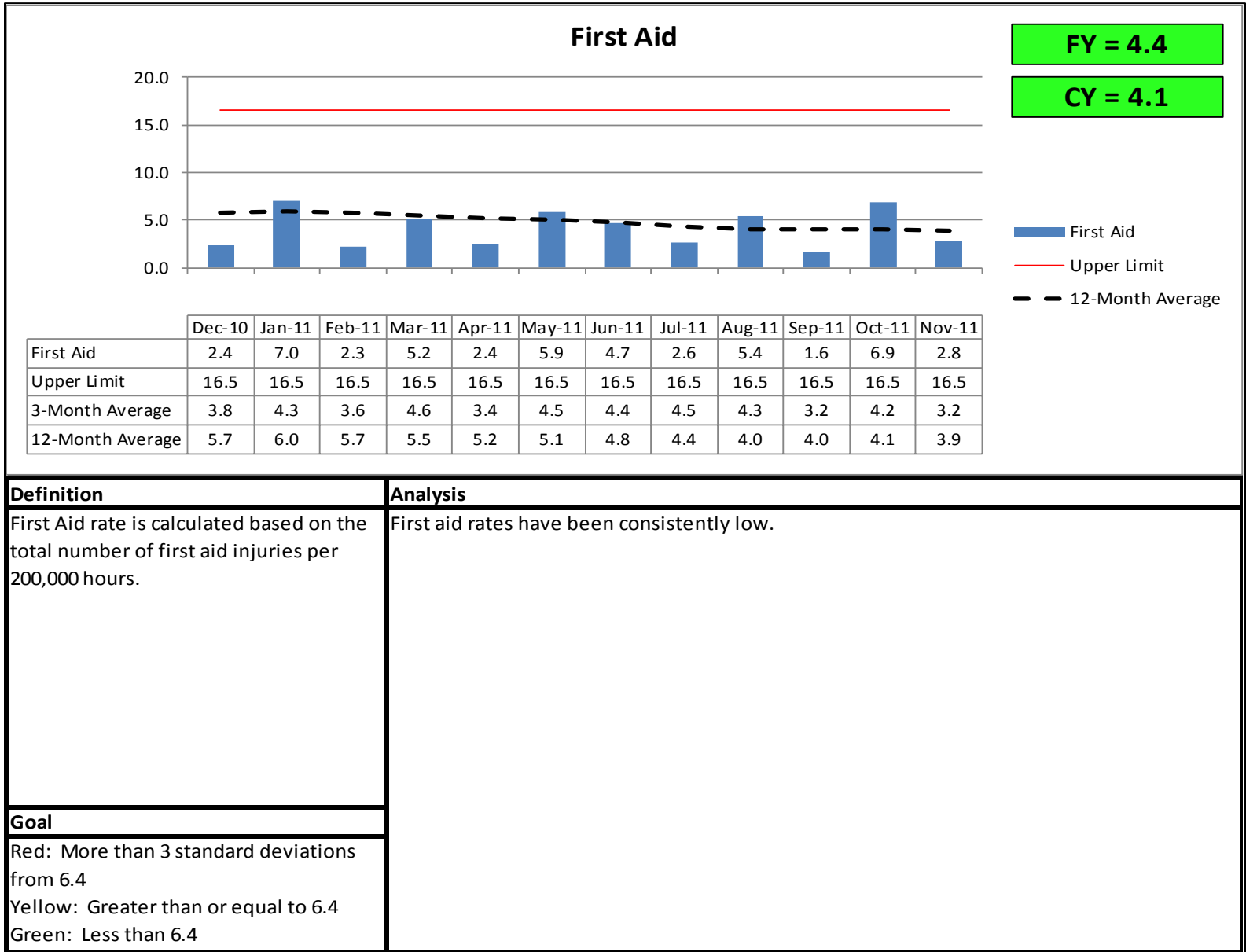
Table 3-3. Days Away, Restricted, Transferred



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 severity of injuries continue to result in a high number of DART and DAFW cases, as there was no significant change during the past Calendar Year. MSA Safety & Health has initiated various awareness campaigns to alert and educate employees of workplace hazards, targeting areas such as trips, slips, and falls.</p>
Goal	
<p>Red: More than 3 standard deviations from .6 Yellow: Greater than or equal to .6 Green: Less than .6</p>	



Table 3-4. First Aid Case Rate





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 (2011/10/24)						
b. Location (Address and Zip Code) Richland, WA 99352		b. Number RL14728			b. Phase Operations			b. To (2011/11/20)						
c. TYPE CPAF		d. Share Ratio			c. EVMS ACCEPTANCE No X Yes									
5. CONTRACT DATA														
a. QUANTITY N/A		b. NEGOTIATED COST \$2,978,589		c. ESTIMATED COST OF AUTHORIZED UNPRICED WORK \$0		d. TARGET PROFIT/FEE \$209,542	e. TARGET PRICE \$3,188,131	f. ESTIMATED PRICE \$3,188,131		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								
MANAGEMENT ESTIMATE AT COMPLETION (1)				CONTRACT BUDGET BASE (2)		VARIANCE (3)		a. NAME (Last, First, Middle Initial) <i>for</i> Armijo, Jorge F		b. TITLE MSC Project Manager				
a. BEST CASE		\$2,978,589						c. SIGNATURE <i>Jorge F Armijo</i>		d. DATE SIGNED 12/28/11				
b. WORST CASE		\$3,396,827												
c. MOST LIKELY		\$3,235,073		\$2,978,589		256,484								
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	3,218	3,218	4,727	0	(1,510)	130,711	130,711	146,296	0	(15,584)	492,207	506,282	(14,075)	
3001.01.02 - Fire and Emergency Response	1,443	1,443	1,570	(0)	(127)	38,663	38,663	46,041	(0)	(7,378)	171,241	178,492	(7,251)	
3001.01.03 - Emergency Management	423	423	359	0	63	10,972	10,972	11,636	0	(664)	51,503	52,230	(727)	
3001.01.04 - HAMMER	415	415	564	(0)	(149)	11,163	11,163	20,868	0	(9,705)	38,411	47,968	(9,556)	
3001.01.05 - Emergency Services & Training Management	42	42	74	0	(32)	8,433	8,433	2,195	0	6,237	12,559	6,290	6,270	
3001.02.01 - Site-Wide Safety Standards	25	25	33	0	(8)	898	898	2,757	0	(1,859)	3,368	5,219	(1,851)	
3001.02.02 - Environmental Integration	584	584	468	0	116	20,486	20,486	18,834	0	1,653	83,029	81,493	1,536	
3001.02.03 - Public Safety & Resource Protection	693	693	622	0	71	18,517	18,517	7,696	0	10,822	84,836	74,085	10,751	
3001.02.04 - Radiological Site Services	966	966	273	0	693	25,547	25,547	1,496	0	24,051	117,870	94,511	23,359	
3001.02.05 - WSCF Analytical Services	0	0	798	(0)	(798)	12,528	12,528	23,761	(0)	(11,233)	12,528	22,964	(10,435)	
3001.03.01 - IM Project Planning & Controls	241	241	170	0	71	11,038	11,038	13,161	0	(2,123)	38,431	40,625	(2,195)	
3001.03.02 - Information Systems	1,023	1,023	1,152	0	(129)	28,175	28,175	33,931	0	(5,756)	117,515	123,141	(5,627)	
3001.03.03 - Infrastructure / Cyber Security	689	689	250	(0)	439	5,127	5,127	6,819	(0)	(1,692)	29,143	31,273	(2,131)	
3001.03.04 - Content & Records Management	579	579	382	0	197	14,860	14,860	21,402	0	(6,542)	68,950	75,689	(6,739)	
3001.03.05 - IR/CM Management	24	24	62	0	(38)	838	838	1,977	0	(1,139)	3,163	4,263	(1,101)	
3001.03.06 - Information Support Services	99	99	106	0	(7)	4,818	4,818	3,995	(0)	822	14,517	13,687	830	
3001.04.01 - Roads and Grounds	216	216	100	0	116	5,645	5,645	7,136	0	(1,491)	26,779	28,387	(1,607)	
3001.04.02 - Biological Services	244	244	212	0	32	6,392	6,392	9,293	0	(2,901)	30,307	33,240	(2,933)	
3001.04.03 - Electrical Services	457	457	730	0	(273)	12,200	12,200	18,239	0	(6,039)	56,597	62,362	(5,766)	
3001.04.04 - Water/Sewer Services	395	395	622	0	(228)	10,120	10,120	13,837	0	(3,717)	48,321	51,810	(3,489)	
3001.04.05 - Facility Services	0	0	(18)	0	18	6,786	6,786	7,863	0	(1,077)	6,786	7,882	(1,096)	
3001.04.06 - Transportation	28	28	84	0	(57)	2,038	2,038	6,553	0	(4,515)	4,662	9,121	(4,459)	

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 Mission Support Alliance		a. Name Mission Support Contract			a. Name Mission Support Contract			a. From (2011/10/24)																	
b. Location (Address and Zip Code) Richland, WA 99352		b. Number RL14728		b. Phase Operations			b. To (2011/11/20)																		
c. TYPE CPAF		d. Share Ratio			c. EVMS ACCEPTANCE No X Yes																				
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 (Cont'd)																									
3001.04.07 - Fleet Services	44	44	33	0	11	2,695	2,695	4,265	0	(1,570)	7,004	8,586	(1,581)												
3001.04.08 - Crane and Rigging	0	0	(9)	0	9	1,164	1,164	2,186	(0)	(1,022)	1,164	2,195	(1,031)												
3001.04.09 - Railroad Services	17	17	0	0	17	570	570	368	0	202	1,371	1,186	185												
3001.04.10 - Technical Services	401	401	402	(0)	(0)	8,996	8,996	12,757	(0)	(3,760)	48,126	51,886	(3,760)												
3001.04.11 - Energy Management	271	271	45	0	227	1,122	1,122	712	0	410	19,172	18,988	184												
3001.04.12 - B Reactor	180	180	153	0	26	6,522	5,970	6,345	(552)	(375)	18,972	19,374	(402)												
3001.04.13 - Work Management	77	77	73	0	5	1,863	1,863	3,402	(0)	(1,539)	9,382	10,925	(1,544)												
3001.04.14 - Land and Facilities Management	392	392	274	0	118	10,113	10,113	6,732	(0)	3,381	50,652	47,389	3,263												
3001.04.15 - Mail & Courier	78	78	60	0	18	2,590	2,590	2,105	(0)	486	10,096	9,628	468												
3001.04.16 - Property Systems/Acquisitons	395	395	486	0	(91)	10,750	10,750	12,142	(0)	(1,392)	49,306	50,607	(1,301)												
3001.04.17 - General Supplies Inventory	10	10	(70)	0	80	157	157	1,592	0	(1,436)	1,151	2,667	(1,516)												
3001.06.01 - Business Operations	467	467	273	0	194	9,531	9,531	14,616	(0)	(5,085)	54,325	59,604	(5,279)												
3001.06.02 - Human Resources	179	179	230	0	(51)	5,353	5,353	4,874	0	479	23,612	23,082	529												
3001.06.03 - Safety, Health & Quality	1,141	1,141	1,452	0	(311)	23,985	23,985	41,064	(0)	(17,079)	99,183	115,951	(16,768)												
3001.06.04 - Miscellaneous Support	547	547	342	0	204	14,835	14,835	12,772	(0)	2,063	68,621	66,763	1,858												
3001.06.05 - President's Office (G&A nonPMB)	0	0	0	0	(0)	0	0	16	0	(16)	0	16	(16)												
3001.06.06 - Strategy	0	0	57	0	(57)	0	0	388	0	(388)	0	331	(331)												
3001.07.01 - Portfolio Management	444	444	447	0	(2)	13,199	13,199	19,789	0	(6,590)	57,066	63,654	(6,587)												
3001.08.01 - Water System	13	82	34	69	48	13,528	13,526	1,396	(2)	12,130	64,354	52,272	12,082												
3001.08.02 - Sewer System	512	580	349	68	231	2,426	2,426	5,325	(0)	(2,900)	5,184	8,315	(3,131)												
3001.08.03 - Electrical System	136	151	58	15	93	443	458	3,524	15	(3,066)	10,189	13,348	(3,159)												
3001.08.04 - Roads and Grounds	(30)	12	1	42	11	1,210	1,208	1,214	(2)	(6)	20,594	20,611	(17)												
3001.08.05 - Facility System	(153)	34	61	187	(27)	3,815	3,811	3,830	(4)	(19)	60,843	60,835	8												
3001.08.06 - Reliability Projects Studies & Estimates	479	476	293	(3)	183	479	476	2,770	(3)	(2,294)	1,781	4,258	(2,477)												
3001.08.07 - Reliability Project Spare Parts Inventory	0	0	(4)	0	4	0	0	2,370	0	(2,370)	85	2,459	(2,374)												
3001.08.08 - Network & Telecommunications System	15	17	(25)	2	42	4,532	4,533	10,134	2	(5,601)	4,537	10,180	(5,643)												
3001.08.09 - Capital Equipment Not Related to Construction	(4)	45	12	49	32	4,891	4,895	5,778	4	(882)	24,917	25,832	(915)												
3001.08.11 - Support of Infrastructure Interface to ORP	0	0	5	0	(5)	0	0	5	0	(5)	0	0	0												
3001.90.04 - MSA Transition	0	0	0	0	0	6,289	6,289	5,868	0	421	6,289	5,868	421												
3001.B1.06 - Projects	0	0	0	0	0	1,554	1,554	0	0	1,554	1,554	(0)	1,554												
b. COST OF MONEY																									
c. GENERAL AND ADMINISTRATIVE																									
d. UNDISTRIBUTED BUDGET																									
e. SUBTOTAL (Performance Measurement Baseline)													17,414	17,843	18,372	429	(529)	538,570	538,028	614,127	(542)	(76,099)	2,232,252	2,307,823	(75,570)



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 Mission Support Alliance		a. Name Mission Support Contract			a. Name Mission Support Contract			a. From (2011/10/24)								
b. Location (Address and Zip Code) Richland, WA 99352		b. Number RL14728			b. Phase Operations			b. To (2011/11/20)								
		c. TYPE CPAF			d. Share Ratio			c. EVMS ACCEPTANCE No X Yes								
Item (1)	Current Period				Cumulative to Date				At Completion							
	Budgeted Cost		Actual Cost	Variance	Budgeted Cost		Actual Cost	Variance	Budgeted	Estimated	Variance					
	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																
3001.01.04 - HAMMER	940	940	860	0	81	21,175	21,175	39,416	0	(18,241)	96,780	115,102	(18,321)			
3001.02.05 - WSCF Analytical Services	851	851	979	0	(128)	20,472	20,472	30,628	(0)	(10,156)	104,981	115,009	(10,029)			
3001.03.06 - Information Support Services	74	74	86	0	(12)	2,075	2,075	2,875	0	(800)	9,239	10,027	(788)			
3001.04.05 - Facility Services	527	527	708	0	(181)	8,089	8,089	11,366	0	(3,277)	57,247	60,342	(3,096)			
3001.04.06 - Transportation	123	123	579	0	(456)	2,112	2,112	7,499	0	(5,387)	13,632	18,562	(4,931)			
3001.04.07 - Fleet Services	585	585	1,426	0	(841)	14,292	14,292	37,016	(0)	(22,723)	68,385	90,267	(21,882)			
3001.04.08 - Crane and Rigging	653	653	900	0	(246)	16,296	16,296	31,439	(0)	(15,143)	79,951	94,847	(14,897)			
3001.04.13 - Work Management	0	0	36	0	(36)	0	0	72	0	(72)	0	36	(36)			
3001.04.14 - Land and Facilities Management	536	536	438	0	98	7,075	7,075	12,689	0	(5,613)	58,719	64,431	(5,711)			
3001.04.15 - Mail & Courier	15	15	16	0	(1)	26	26	30	0	(3)	1,529	1,532	(3)			
3001.06.01 - Business Operations	691	691	882	(0)	(192)	20,417	20,417	30,318	(0)	(9,901)	85,562	95,271	(9,709)			
3001.06.02 - Human Resources	127	127	119	(0)	8	3,456	3,456	6,398	(0)	(2,942)	15,238	18,189	(2,950)			
3001.06.03 - Safety, Health & Quality	135	135	121	0	14	3,574	3,574	2,899	0	675	16,906	16,245	661			
3001.06.04 - Miscellaneous Support	61	61	182	0	(121)	1,789	1,789	3,877	(0)	(2,088)	7,778	9,745	(1,967)			
3001.06.05 - President's Office (G&A non PMB)	265	265	249	0	16	7,618	7,618	5,444	(0)	2,175	33,715	31,556	2,159			
3001.06.06 - Strategy	19	19	20	0	(1)	687	687	1,150	(0)	(463)	2,555	3,016	(462)			
3001.A1.01 - Transfer - CHPRC	4,887	4,887	5,623	0	(736)	119,018	119,018	231,589	0	(112,572)	575,986	687,822	(111,836)			
3001.A1.02 - Transfer - WRPS	776	776	1,511	0	(735)	17,894	17,894	40,309	(0)	(22,415)	88,820	110,500	(21,680)			
3001.A1.03 - Transfers - FH Closeout	0	0	1	0	(1)	6	6	134	0	(128)	31	158	(127)			
3001.A1.04 - Transfers - CHG Closeout	0	0	(16)	0	16	0	0	8	0	(8)	0	24	(24)			
3001.A2.01 - Non Transfer - BNI	0	0	91	0	(91)	0	0	327	0	(327)	0	236	(236)			
3001.A2.02 - Non Transfer - AMH	11	11	50	0	(39)	187	187	551	0	(364)	1,238	1,563	(325)			
3001.A2.03 - Non Transfer - ATL	4	4	6	0	(2)	84	84	188	0	(104)	384	485	(101)			
3001.A2.04 - Non-Transfer - WCH	142	142	755	0	(614)	3,203	3,203	16,560	0	(13,357)	15,205	27,948	(12,743)			
3001.A4.01 - Request for Services	364	364	1,317	0	(953)	9,724	9,724	36,438	(0)	(26,714)	43,982	69,743	(25,761)			
3001.A4.02 - HAMMER RFSS	3	3	249	0	(247)	81	81	2,655	0	(2,574)	345	2,672	(2,327)			
3001.A4.03 - National Guard RFSS	0	0	0	0	(0)	3	3	1,595	0	(1,592)	14	1,606	(1,592)			
3001.A4.04 - PNNL RFSS	19	19	155	0	(136)	424	424	4,311	0	(3,887)	2,009	5,759	(3,751)			
3001.A7.01 - G&A Liquidations	(1,304)	(1,304)	(1,694)	0	390	(37,617)	(37,617)	(50,002)	0	12,385	(163,202)	(175,197)	11,996			
3001.A7.02 - DLA Liquidations	(659)	(659)	(901)	0	242	(10,238)	(10,238)	(17,977)	0	7,739	(71,701)	(79,198)	7,497			
3001.A7.03 - Variable Pools Revenue	(3,648)	(3,648)	(4,505)	0	857	(81,324)	(81,324)	(152,584)	(0)	71,260	(419,019)	(489,422)	70,403			
3001.B1.01 - UBS Assessments for Other Providers	2	2	0	0	2	67	67	0	0	67	273	208	65			
3001.B1.02 - UBS Other MSA - HAMMER M&O	10	10	0	0	10	263	263	0	0	263	1,207	954	253			
3001.B1.03 - Assessments for Other Provided Services	101	101	0	0	101	2,666	2,666	0	(0)	2,666	12,291	9,725	2,565			
3001.B1.04 - Assessments for PRC Services to MSC	75	75	0	0	75	1,850	1,850	0	0	1,850	7,582	5,807	1,775			
3001.B1.07 - Request for Services	14	14	0	0	14	386	386	0	0	386	1,770	1,398	372			
b2. COST OF MONEY																
c2. GENERAL AND ADMINISTRATIVE																
d2. UNDISTRIBUTED BUDGET																
e2. SUBTOTAL (Non - Performance Measurement Baseline)	6,399	6,399	10,244	0	(3,846)	155,836	155,836	337,218	(0)	(181,382)	749,429	926,966	(177,537)			
f. MANAGEMENT RESERVE											285	285				
g. TOTAL	23,813	24,242	28,616	429	(4,374)	694,405	693,864	951,345	(542)	(257,481)	2,981,966	3,235,073	(253,107)			
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													FORM APPROVED	
FORMAT 2 - ORGANIZATIONAL CATEGORIES													OMB No. 0704-0188	
DOLLARS IN Thousands														
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 (2011/10/24)					
b. Location (Address and Zip Code) Richland, WA 99352			b. Number RL14728			b. Phase Operations			b. To (2011/11/20)					
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	481	481	300	0	181	17,736	17,736	21,329	0	(3,593)	63,806	67,579	(3,774)	
EMERGENCY SERVICES & TRAINING	5,541	5,541	7,295	(0)	(1,755)	199,941	199,941	227,036	(0)	(27,094)	765,922	791,262	(25,340)	
ENERGY & ENVIRONMENTAL SERVICES	2,514	2,514	2,164	(0)	350	78,201	78,201	52,900	(0)	25,301	317,435	292,484	24,951	
HUMAN RESOURCES	179	179	230	0	(51)	5,353	5,353	4,874	0	479	23,612	23,082	529	
INFORMATION MANAGEMENT	2,654	2,654	2,122	(0)	532	64,856	64,856	81,286	(0)	(16,430)	271,717	288,679	(16,962)	
PORTFOLIO MANAGEMENT	444	444	447	0	(2)	13,199	13,199	19,789	0	(6,590)	57,066	63,654	(6,587)	
PRESIDENT'S OFFICE	152	152	176	0	(24)	3,856	3,856	3,623	0	232	18,846	18,590	257	
PROJECT PLANNING & INTEGRATION	1,350	1,779	1,022	429	756	41,942	41,952	44,653	10	(2,701)	240,621	244,078	(3,457)	
SAFETY, HEALTH & QUALITY	1,167	1,167	1,485	0	(319)	24,884	24,884	43,822	0	(18,938)	102,551	121,170	(18,619)	
SITE INFRASTRUCTURE & LOGISTICS	2,933	2,933	3,131	(0)	(197)	88,601	88,049	114,815	(552)	(26,766)	370,675	397,244	(26,569)	
b. COST OF MONEY														
c. GENERAL AND ADMINISTRATIVE														
d. UNDISTRIBUTED BUDGET														
e. SUBTOTAL (Performance Measurement Baseline)														
	17,414	17,843	18,372	429	(529)	538,570	538,028	614,127	(542)	(76,099)	2,232,252	2,307,823	(75,570)	

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

CONTRACT PERFORMANCE REPORT FORMAT 2 - ORGANIZATIONAL CATEGORIES												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 (2011/10/24)							
b. Location (Address and Zip Code) Richland, WA 99352		b. Number c. TYPE CPAF		d. Share Ratio		b. Phase c. EVMS ACCEPTANCE NO X YES			b. To (2011/11/20)						
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	5,805	5,805	(810)	(0)	6,615	139,423	139,423	(17,423)	(0)	156,846	675,280	525,050	150,230		
EMERGENCY SERVICES & TRAINING	145	145	1,252	0	(1,107)	3,696	3,696	48,740	0	(45,044)	17,864	61,800	(43,937)		
ENERGY & ENVIRONMENTAL SERVICES	(0)	(0)	980	0	(980)	0	0	29,643	0	(29,643)	0	28,663	(28,663)		
HUMAN RESOURCES	127	127	694	(0)	(567)	3,456	3,456	27,823	(0)	(24,367)	15,238	39,038	(23,800)		
INFORMATION MANAGEMENT	61	61	1,868	0	(1,807)	1,766	1,766	37,577	0	(35,811)	7,776	41,779	(34,004)		
PORTFOLIO MANAGEMENT	0	0	43	0	(43)	0	0	1,186	0	(1,186)	0	1,143	(1,143)		
PRESIDENT'S OFFICE	224	224	472	0	(248)	6,186	6,186	10,872	(0)	(4,686)	28,153	32,591	(4,438)		
PROJECT PLANNING & INTEGRATION	19	19	54	0	(35)	687	687	1,185	0	(498)	2,555	3,018	(464)		
SAFETY, HEALTH & QUALITY	28	28	254	0	(226)	659	659	7,610	0	(6,952)	3,387	10,113	(6,726)		
SITE INFRASTRUCTURE & LOGISTICS	(10)	(10)	5,439	0	(5,449)	(37)	(37)	190,004	0	(190,042)	(823)	183,770	(184,593)		
b2. COST OF MONEY															
c2. GENERAL AND ADMINISTRATIVE															
d2. UNDISTRIBUTED BUDGET															
e2. SUBTOTAL (Non - Performance Measurement Baseline)	6,399	6,399	10,244	0	(3,846)	155,836	155,836	337,218	(0)	(181,382)	749,429	926,966	(177,537)		
f. MANAGEMENT RESERVE											285	285			
g. TOTAL	23,813	24,242	28,616	429	(4,374)	694,405	693,864	951,345	(542)	(257,481)	2,981,966	3,235,073	(253,107)		





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 Mission Support Alliance			a. Name Mission Support Contract			a. Name Mission Support Contract			a. From (2011/10/24)									
b. Location (Address and Zip Code) Richland, WA 99352			b. Number RL14728			b. Phase Operations			b. To (2011/11/20)									
c. TYPE CPAF			d. Share Ratio			c. EVMS ACCEPTANCE No X Yes												
5. CONTRACT DATA																		
a. ORIGINAL NEGOTIATED COST \$2,978,196			b. NEGOTIATED CONTRACT CHANGES \$394		c. CURRENT NEGOTIATED COST (a+b) \$2,978,589		d. ESTIMATED COST OF UNAUTHORIZED UNPRICED WORK \$0			e. CONTRACT BUDGET BASE (C+D) \$2,978,589			f. TOTAL ALLOCATED BUDGET \$2,981,966		g. DIFFERENCE (E - F) \$3,377			
h. CONTRACT START DATE 2009/05/24			i. CONTRACT DEFINITIZATION DATE 2009/05/24		j. PLANNED COMPLETION DATE 2019/05/25			k. CONTRACT COMPLETION DATE 2019/05/25			l. ESTIMATED COMPLETION DATE 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 (17)	TOTAL BUDGET (18)
			Six Month Forecast By Month															
			Dec-11 (4)	Jan-12 (5)	Feb-12 (6)	Mar-12 (7)	Apr-12 (8)	May-12 (9)	FY 09 (10)	FY 10 (11)	FY 11 (12)	FY 12 (13)	FY 13 (14)	FY 14 (15)	FY 15-19 (16)			
a. PERFORMANCE MEASUREMENT BASELINE (Beginning of Period)	521,155	17,414	15,236	17,006	16,681	20,564	16,454	16,620	28,767	246,793	232,106	204,950	276,526	222,717	1,016,908		2,228,767	
b. BASELINE CHANGES AUTHORIZED DURING REPORT PERIOD																		
a. PERFORMANCE MEASUREMENT BASELINE (End of Period)	538,570		15,562	16,759	16,659	20,875	16,714	16,758	28,767	246,793	232,106	206,759	274,826	222,717	1,020,284		2,232,252	
SUBTOTAL - (Performance Measurement Baseline)																	2,232,252	



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

CONTRACT PERFORMANCE REPORT																FORM APPROVED OMB No. 0704-0188				
FORMAT 3 - BASELINE																DOLLARS IN Thousands				
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 (2011/10/24)												
b. Location (Address and Zip Code) Richland, WA 99352		b. Number RL14728			b. Phase Operations			b. To (2011/11/20)												
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 (17)	TOTAL BUDGET (18)			
			Six Month Forecast By Month									FY 09 (10)	FY 10 (11)	FY 11 (12)	FY 12 (13)			FY 13 (14)	FY 14 (15)	FY 15-19 (16)
			Dec-11 (4)	Jan-12 (5)	Feb-12 (6)	Mar-12 (7)	Apr-12 (8)	May-12 (9)												
a2. NON - PERFORMANCE MEASUREMENT BASELINE (Beginning of Period)	149,437		5,733	6,532	6,399	6,310	6,310	6,354	5,667	68,593	70,482	77,974	75,898	78,505	372,310		749,429			
b2. BASELINE CHANGES AUTHORIZED DURING REPORT PERIOD																				
a2. NON - PERFORMANCE MEASUREMENT BASELINE (End of Period)	155,836		5,733	6,532	6,399	7,906	6,310	6,354	5,667	68,593	70,482	77,974	75,898	78,505	372,310		749,429			
SUBTOTAL - (Non - Performance Measurement Baseline)																	749,429			
7. MANAGEMENT RESERVE																	285			
8. Total																	2,981,966			



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 (2011/10/24)					
b. Location Richland, WA 99352			b. Number RL14728		b. Phase Operations		a. To (2011/11/20)									
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					At Completion FY 19 (16)		
			Dec-11 (4)	Jan-12 (5)	Feb-12 (6)	Mar-12 (7)	Apr-12 (8)	May-12 (9)	FY 09 (10)	FY 10 (11)	FY 11 (12)	FY 12 (13)	FY 13 (14)		FY 14-18 Average (15)	
BUSINESS OPERATIONS	28.3	29.2	23.7	23.7	23.7	23.7	23.7	23.7	23.7	167.4	19.4	23.4	23.4	23.3	23.1	22.9
EMERGENCY SERVICES & TRAINING	544.4	550.5	497.9	497.9	497.9	497.9	497.9	497.9	497.9	496.9	603.1	575.0	492.1	491.6	478.0	471.0
ENERGY & ENVIRONMENTAL SERVICES	102.5	102.7	62.8	63.7	60.8	62.0	60.9	58.9	61.3	78.9	85.5	60.8	60.4	56.6	55.2	
HUMAN RESOURCES	24.7	25.1	19.1	19.1	19.1	19.1	19.1	19.1	15.1	19.7	21.0	18.9	19.6	19.7	19.5	
INFORMATION MANAGEMENT	35.7	35.3	34.9	35.0	34.7	34.8	34.7	34.5	32.6	42.0	35.6	34.4	34.1	33.3	32.7	
PORTFOLIO MANAGEMENT	22.3	21.9	40.5	36.8	36.8	36.8	36.8	36.8	28.4	36.6	34.6	36.5	34.3	34.2	34.5	
PRESIDENT'S OFFICE	7.4	7.4	5.1	5.1	5.1	5.1	5.1	5.1	3.7	4.9	5.0	5.1	5.1	5.1	5.1	
PROJECT PLANNING & INTEGRATION	23.9	25.9	43.9	37.4	38.4	37.5	37.1	37.6	21.0	30.7	30.4	39.4	31.6	31.1	31.1	
SAFETY, HEALTH & QUALITY	78.2	78.2	65.6	55.8	55.0	55.3	55.0	54.4	37.8	48.7	63.4	56.6	52.1	51.7	51.7	
SITE INFRASTRUCTURE & LOGISTICS	193.9	196.7	210.4	210.4	210.4	210.4	209.6	209.9	196.1	228.7	227.6	207.7	207.3	203.6	199.3	
Subtotal - Direct (Performance Measurement Baseline)	1,061.3	1,072.9	977.9	977.9	1,003.9	984.9	981.9	982.6	1,060.3	1,112.7	1,101.5	974.9	959.4	936.3	923.0	



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 (2011/10/24)					
b. Location Richland, WA 99352			b. Number RL14728				b. Phase Operations				a. To (2011/11/20)					
			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)													At Completion FY 19 (16)
			Six Month Forecast By Month						Enter Specified Periods						FY 14-18 Average (15)	
			Dec-11 (4)	Jan-12 (5)	Feb-12 (6)	Mar-12 (7)	Apr-12 (8)	May-12 (9)	FY 09 (10)	FY 10 (11)	FY 11 (12)	FY 12 (13)	FY 13 (14)			
BUSINESS OPERATIONS	53.3	52.7	196.2	196.2	196.2	196.2	196.2	196.2	196.2	162.7	204.3	188.4	193.9	190.6	187.7	184.2
EMERGENCY SERVICES & TRAINING	81.0	79.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	35.1	49.2	56.0	61.1	60.0	53.0	42.0
ENERGY & ENVIRONMENTAL SERVICES	71.8	74.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.7	49.0	0.0	0.0	0.0	0.0	0.0
HUMAN RESOURCES	16.7	16.6	8.8	8.8	8.8	8.8	8.8	8.8	8.8	7.2	9.9	8.7	8.7	8.6	10.0	8.1
INFORMATION MANAGEMENT	20.2	19.8	14.3	14.3	14.3	14.3	14.3	14.3	14.3	10.9	14.1	14.1	14.1	14.1	14.1	14.1
PORTFOLIO MANAGEMENT	2.2	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PRESIDENT'S OFFICE	20.2	20.9	16.7	16.7	16.7	16.7	16.7	16.7	16.7	12.7	16.5	16.5	16.5	16.5	16.5	16.5
PROJECT PLANNING & INTEGRATION	0.9	0.7	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.0	2.7	1.2	1.2	1.2	1.2	1.2
SAFETY, HEALTH & QUALITY	14.0	15.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.0	0.9	1.1	1.1	1.1	1.1	1.1
SITE INFRASTRUCTURE & LOGISTICS	385.5	379.7	137.5	137.5	137.5	137.5	137.5	137.5	137.5	67.7	102.7	112.2	135.9	133.2	131.5	130.1
Subtotal - Non Direct (Non- Performance Measurement Baseline)	665.7	663.2	437.7	437.7	437.7	437.7	437.7	437.7	437.7	335.9	449.3	398.2	432.5	425.3	415.2	397.3
6. Total	1,727.0	1,736.1	1,415.6	1,415.6	1,441.6	1,422.6	1,419.6	1,420.3	1,396.2	1,562.0	1,499.7	1,407.4	1,384.7	1,351.5	1,320.3	



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
a. Name Mission Support Alliance	a. Name Mission Support Contract		a. Name Mission Support Contract
b. Location (Address and Zip Code) Richland, WA 99352	b. Number RL14728		b. Phase Operations
	c. Type CPAF	d. Share Ratio	
4. Report Period			
a. From (2011/10/24)			
b. To (2011/11/20)			
5. Evaluation			
Explanation of Variance / Description of Problem:			
<p>Cumulative Cost Variance: In early 2009, the Hanford Site received funding associated with the <i>American Recovery and Reinvestment Act</i> of 2009 (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.</p> <p>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 is currently processing proposals to account for this cost impact.</p> <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. 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 due to the RL approved funding and priority list scope being divergent from the baseline.</p>			
<p>Cumulative Schedule Variance:</p> <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. RL provided approval of the life cycle 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 due to the RL approved funding and priority list scope being divergent from the baseline.</p> <p>The cumulative unfavorable schedule variance is driven by PBS RL-41, B-Reactor. The variance is due to delays in preliminary facility designs on the roof at the B-Reactor.</p>			
Impact:			
<p>Current Period / Cumulative Cost Variance: The spending forecast (EAC) highlights the divergent data, there is no impact to the funded priority work scope for FY12 that was approved by RL.</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 (2011/10/24)
b. Location (Address and Zip Code) Richland, WA 99352	b. Number RL14728		b. Phase Operations	b. To (2011/11/20)
	c. Type CPAF	d. Share Ratio	c. EVMS Acceptance NO X YES	
5. Evaluation				
<p>Current Period / Cumulative Schedule Variance: There is no cumulative schedule variance impacts on the program. B-Reactor management is working to recover schedule.</p> <p>Corrective Action:</p> <p>Current Period / Cumulative Cost Variance: 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.</p> <p>Current Period / Cumulative Schedule Variance: 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. B-Reactor management is working to recover schedule.</p> <p>Changes in Negotiated Contract Changes: The Negotiated Contract Cost was revised from \$2,978.2M to 2,978.6M, a \$0.4M increase, this reporting period. The change to the Negotiated Contract Cost is due to the implementation of baseline change requests VRL41-12-001, "Mod #157 - Task Order 12-001, Add PMB Budget and Scope - Support to RCCP, \$0.4M, and VSWS-12-009", "Mod #159, Task Order 12-001, Add PMB Budget, Scope and Fee, PFP Baseline and Project Reviews".</p> <p>Changes in Estimated Cost of Authorized / Unpriced Work: No change in Estimated Cost of Authorized / Unpriced Work this reporting period.</p> <p>Differences between EAC's [Format 1, Column (15) (e): In early 2009, the Hanford Site received funding associated with the <i>American Recovery and Reinvestment Act of 2009 (ARRA)</i>. 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.</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 (2011/10/24)
b. Location (Address and Zip Code)	b. Number		b. Phase	b. To (2011/11/20)
	c. Type	d. Share Ratio	c. EVMS Acceptance	
<p>Differences between EAC's [Format 1, Column (15) (e) continued:</p> <p>After the original submittal of the FPR, it was determine 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 is currently processing proposals to account for this cost impact.</p> <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 due to the RL approved funding and priority list scope being divergent from the baseline.</p> <p>Changes in Undistributed Budget: No change in Undistributed Budget this reporting period.</p> <p>Changes in Management Reserve: The Management Reserve was revised from \$0.M to \$0.3M, a \$0.3M increase, this reporting period. The change to the Management Reserve is due to the implementation of baseline change request VMSA-12-011, "Replace V134R1 Reliability Projects with FY 2012 Integrated Priority List and Approved FY 2011 Carryover Projects" which reduced the PMB by \$0.3M and increased Management Reserve by \$0.3M.</p> <p>Differences in the Performance Measurement Baseline: The Performance Measurement Baseline was revised from \$2,978.2M to 2,982.0M, a \$3.8M increase, this reporting period. The change to the Performance Measurement Baseline is due to the implementation of baseline change requests VRL41-12-001, "Mod #157 - Task Order 12-001, Add PMB Budget and Scope - Support to RCCP, \$0.4M, and VSWS-12-009", "Mod #159, Task Order 12-001, Add PMB Budget, Scope and Fee, PFP Baseline and Project Reviews", and VMSA-12-011, "Replace V134R1 Reliability Projects with FY 2012 Integrated Priority List and Approved FY 2011 Carryover Projects" which reduced the PMB by \$0.3M. In addition, an error in implementing BCR VSWS-12-006 "Administrative Error - PSRP V134R1 Budgets Loaded Incorrectly" resulted in the PMB being overstated \$3.7M. This error will be corrected in next month's reporting.</p> <p>Best/Worst/Most Likely Management Estimate at Completion (MEAC): The Management Most Likely 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 (motorcarrier, 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 Base 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 Summary (dollars in thousands).

Account Description	Fiscal Year To Date					Yearend			
	BCWS	ACWP	CV	Liquidation	Liquidation (Over)/Under	BAC	Forecasted Cost	Forecasted Liquidation	Forecasted Liquidation (Over)/Under
Direct Labor Adder									
Motor Carrier DLA (3001.04.06.02.01)	214	795	(581)	(652)	143	1,500	4,828	(4,770)	58
Facility Services DLA (3001.04.05.02.01)	784	1,070	(286)	(849)	221	5,502	7,077	(6,661)	416
Janitorial Services DLA (3001.04.05.03)	130	112	18	(104)	8	913	688	(690)	(2)
Total DLA	1,128	1,977	(848)	(1,605)	372	7,915	12,593	(12,122)	472

ACWP = Actual Cost of Work Performed.
 BAC = Budget at Completion.
 BCWS = Budgeted Cost of Work Scheduled.

CV = Cost Variance.
 DLA = Direct Labor Adder.
 UBS = Usage-Based Services.

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

Account Description	Fiscal Year To Date					Yearend			
	BCWS	ACWP	CV	Liquidation	Liquidation (Over)/Under	BAC	Forecasted Cost	Forecasted Liquidation	Forecasted Liquidation (Over)/Under
Usage Based Service									
Training (3001.04.02)	1,622	1,547	75	(1,538)	9	11,379	11,289	(11,289)	0
Reproduction (3001.03.06)	128	180	(52)	(116)	64	899	1,169	(1,097)	72
WSCF (3004.02.05.04)	1,479	1,823	(344)	(500)	1,323	10,373	12,077	(10,085)	1,992
Job Control system (3001.04.13.01)	0	72	(3)	0	72	0	697	(697)	0
Courier Services	27	30	(3)	0	30	186	194	(194)	0
Occupancy (3001.04.14.06)	931	812	120	(992)	(180)	6,530	6,603	(6,636)	(33)
Crane & Rigging (3001.04.08.02)	1,135	1,510	(376)	(1,402)	109	7,961	9,854	(9,851)	2
Fleet (3001.04.07.02)	1,015	2,224	(84)	(2,264)	(40)	7,122	15,381	(15,832)	(451)
Total UBS	6,337	8,198	(1,861)	(6,812)	1,386	44,451	57,264	(55,680)	1,583
Total DLA / UBS	7,465	10,174	(2,709)	(8,417)	1,757	52,366	69,857	(67,802)	2,055

ACWP = Actual Cost of Work Performed.

CV = Cost Variance.

BAC = Budget at Completion.

DLA = Direct Labor Adder.

BCWS = Budgeted Cost of Work Scheduled.

UBS = Usage-Based Services.

Cost Variance (\$2,709K) – The unfavorable cost variance of \$2,709K is due to the volume of forecasted services from site contractors in excess of contract baseline assumptions. 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.

Liquidation Variance (\$1,757K) – The under liquidation of \$1,757K is primarily caused by an operation outage at WSCF analytical laboratory and a lag in revenue due to early cutoff in October of billing systems (FUR).

Efforts are in process to implement actions necessary to bring the WSCF analytical laboratory back on line and cost recovery plans are being reviewed in an effort to mitigate the impact of potentially reduced sample volumes.





10.0 RELIABILITY PROJECT STATUS

Activity in November was centered on continuing progress on projects carried over from FY 2011. (See table 10-1 below.) Notable November project status includes:

- Project ER52, *200 Area Fire Station Warning Lights*: Construction is complete and system is fully operational. Currently performing as-builts and project closeout.
- Project L-311, *200W Raw Water Reservoir Refurbish*, (on hold since Spring 2011): The construction contract was awarded to a local small business on October 20, 2011. Material procurements are underway with delivery expected this winter and construction work commencing in the spring.
- Project L-506, *Upgrade Remote Terminal Units & Site Local Area Network*: Project L-506 closeout is 75% complete. Estimate completion in January 2012.
- Project L-695, *Replace HVAC in 339A & G4 Facilities*: Construction complete, project drawings as-built and all AC Units turned over to respective operational organizations. Final closeout and entry of drawings into DMCS remaining.
- Project L-766, *Interior 200E Road Repair*: Best and final pricing was received from contractor bid pool. Project planning under way with award scheduled to be made as soon as funding is available.
- Project L-740, *3790 Roof/HVAC*: Construction is underway and expected to be complete with a punch list job walk during December.
- Project L-691, *Construct Sewer Lagoon in the 200 West Area*: Construction is currently on hold due to permitting issues. Restart is expected in February 2012. Project staff is currently working to resolve permit issues to continue construction.
- Project S-234, *Patrol Training Academy (PTA) Firing Range Realignment*: Completed 30% preliminary design review and currently proceeding with Definitive Design.
- Utilities Condition Assessment: Field testing and associated reports are in process and expected to be complete by December 16, 2011. Final Condition Assessment documents are being reviewed with completion planned in January.

For further information concerning accomplishments and issues related to the Reliability Projects, refer to the Project Planning and Integration Service Area within Appendix A.



Table 10-1. FY11 / FY12 Reliability Projects Summary.

Projects to be Completed (\$000's)										
Work Scope Description (RL-40 Projects)	Fiscal Year to Date - Performance					BAC	EAC	% Complete	Schedule	Cost
	BCWS	BCWP	ACWP	SV	CV					
ER52, 200 Area Fire Station Warning Light	40.4	44.8	40.1	4.4	4.7	50.0	49.5	89.6%	OK - G	OK - G
L-311, 200W Raw Water Reservoir Refurbish	70.3	70.9	21.3	0.6	49.6	891.5	890.2	8.0%	OK - G	OK - G
L-506, Upgrade RTU's & Site Local Area Network (SLAN)	136.2	151.1	172.8	14.9	(21.7)	166.1	212.6	91.0%	OK - G	Over Spent Y
L-691, Construct Sewer Lagoon in 200 West	580.0	580.0	688.7	0.0	(108.7)	3,338.3	3,446.1	17.4%	OK - G	Over Spent Y
L-695, Telecom Facilities 339A & G4 HVAC Replacement	14.8	16.6	17.6	1.8	(1.0)	20.0	21.3	83.0%	OK - G	OK - G
L-766 Interior 200E Road Repair	13.8	12.0	11.4	(1.8)	0.6	834.7	834.4	1.4%	Behind Y	OK - G
L-774, Water Utilities Fill Station in 200E	13.4	10.9	16.0	(2.5)	(5.1)	162.9	176.2	6.7%	Behind Y	Over Spent R
Total RL-40 Projects to be Completed	868.9	886.3	967.9	17.4	(81.6)	5,463.5	5,630.3	16.2%		
Work Scope Description (RL-20 Projects)	BCWS	BCWP	ACWP	SV	CV	BAC	EAC	% Complete	Schedule	Cost
L-740, 3790 Roof/HVAC Replacement	38.2	34.3	71.3	(3.9)	(37.0)	262.0	260.0	13.1%	OK - G	Over Spent R
S-234, PTA Firing Range Realignment	0.0	0.0	12.4	0.0	(12.4)	0.0	663.8	N/A	N/A	N/A
Total RL-20 Projects to be Completed	38.2	34.3	83.7	(3.9)	(49.4)	262.0	923.8	13.1%		
Work Scope Description (SWS Projects)	BCWS	BCWP	ACWP	SV	CV	BAC	EAC	% Complete	Schedule	Cost
Utilities Condition Assessment	162.7	168.3	66.6	5.6	101.7	450.0	465.1	37.4%	OK - G	OK - G
Total SWS Projects to be Completed	162.7	168.3	66.6	5.6	101.7	450.0	465.1	37.4%		

Cost		Schedule	
OK - G	Underspent or 1-10% over	OK - G	Ahead of Schedule or 1-10% Behind
Over Spent Y	11-30% or 100K Over Spent	Behind Y	11-30% or 100K behind Schedule
Over Spent R	>31% or 200K Over Spent	Behind R	>31% or 200K behind Schedule



Variance Explanations

Significant Variance Explanations:

- Project L-506, *Upgrade Remote Terminal Units & Site Local Area Network*: (-\$21.7K Cost Variance) Engineering drawing updates and as-built configuration updates exceed estimated project closeout cost.*
- Project L-691, *Construct Sewer Lagoon in the 200 West Area*: (-\$108.7K Cost Variance) Higher than anticipated engineering support has been required due to multiple Requests for Contractor Information (RCIs) from the contractor. Also, due to an unexpected issue with Ecology, additional Engineering costs and MSA Environmental and Project Management costs were realized.*
- Project L-774, *Water Utilities Fill Station in 200E*: The cost variance (-\$5.1K) is due to additional design required to accommodate the Fire Pump Test drain line and Fire Department flow indicators.*
- Project L-740, *3790 Roof/HVAC*: The cost variance (-\$37.0K) is due to a combination of omitting installation of a fall protection system from performance and an over-accrual for a roof consulting contractor that will be reversed next month.
- Project S-234, *PTA Firing Range Realignment*: Approved Mod value of \$641.4K has not been implemented into the V134R1 baseline. When the Baseline Change Request (BCR) to incorporate this mod is processed in December, BCWS, BCWP, and the BAC will be updated.

*RL40 Management Reserve or other project underruns will be utilized to fund the projected overrun.



11.0 BASELINE CHANGE REQUEST LOG

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

The following four BCRs were administrative in nature:

- VMSA-12-007, "Administrative BCR – Move Unclassified Computer Security, Rad Control, and Hanford Site Emergency Alerting System from ES&T to IM and SH&Q."
- VSWS-12-004, "Re-Align Existing Executive Order 13514 Work Scope from Environmental Integration to Energy Management."
- VSWS-12-006, "Administrative Error – PSRP V134R1 Budgets Loaded Incorrectly."
- VSWS-12-007, "Administrative BCR – Move Railroad Services from SWS to Usage Based Services."

The following five BCRs incorporated MODs into the contract baseline:

- VMSA-12-008, "Implement Fee in the V134R1 Baseline" – Aligns the available FY 2012 Fee as approved in Contract Mod 152.
- VMSA-12-011, "Replace V134R1 Reliability Projects with FY 2012 IPL and Approved FY 2011 Carryover Projects" – Realigns Reliability Projects based on DOE Letter 11-PRO-04555 " Authorization to Proceed with Fiscal Year (FY) 2012 Integrated Priority List (IPL).
- VRL40RP-12-003, "Mod 152 –Add New Level 3, 4, 5 WBSs for Infrastructure Support to ORP" – Mod 152 establishes the WBS structure (WBS 3001.08.11) to support Infrastructure Interface to ORP.
- VRL41-12-001, "Mod 157 – Task Order 12-001 Add PMB Budget and Scope – Support to RCCP" – Portfolio Management will provide project management and project control services to the River Corridor Closure Project.
- VSWS-12-009, "Mod 159 – Task Order 12-002 Add PMB Budget, Scope, and Fee – PFP Baseline and Project Reviews – Portfolio Management will provide risk analysis evaluation and validation in support of the baseline review, provide assistance to subject matter experts during the baseline review, and provide subject matter expertise during the PFP Peer Review.



NOTE: Approved BCR VSWS-12-007 "Administrative BCR - Move Railroad Services from SWS to Usage Based Service" was not input into the HANDI/COBRA due to a miscommunication issue. It will be implemented in December.

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	FY12 Budget	FY12 Management Reserve	Contract PMB	Contract PMB Mgmt Reserve	Contract Period Budget (CPB)	Cum Contract Period	Post Contract Budget	Post Contract Mgmt Reserve	Total Lifecycle	Cum Lifecycle Budget
RL-011 - Transition Costs	Nov 2011	0		1,348		1,348	1,348	0		1,348	1,348
RL-012 - Transition Costs	Nov 2011	0		519		519	519	0		519	519
RL-013 - Transition Costs	Nov 2011	0		1,763		1,763	1,763	0		1,763	1,763
RL-020 - Transition Costs	Nov 2011	0		519		519	519	0		519	519
RL-020 - SAS	Nov 2011	46,530		265,235		265,235	265,235	238,283		503,518	503,518
RL 30 - Transition Costs	Nov 2011	0		1,556		1,556	1,556	0		1,556	1,556
RL 30 -Portfolio Management	Nov 2011	0		78		78	78	0		78	78
RL-040 - Transition Costs	Nov 2011	0		585		585	585	0		585	585
RL-040 - Land Management	Nov 2011	0		9,322		9,322	9,322	0		9,322	9,322
RL-040 - Reliability Projects	Nov 2011	7,623		137,183		137,183	137,183	54,589		191,772	191,772
RL-040 - HAMMER	Nov 2011	4,878		24,033		24,033	24,033	14,763		38,796	38,796
RL-40 - Portfolio Management	Nov 2011	0		26		26	26	0		26	26
RL-40 General Supply Inventory	Nov 2011	126		522		522	522	629		1,151	1,151
RL-41 - B Reactor	Nov 2011	1,991		12,287		12,287	12,287	6,685		18,972	18,972
RL-41 - Task Order Portfolio Management	Nov 2011	370		383		383	383	0		383	383
RL Program Direction Task Order	Nov 2011	0		277		277	277	0		277	277
Site Wide Services (SWS)	Nov 2011	145,032		755,730		755,730	755,730	701,731		1,457,461	1,457,461
Total PMB	Nov 2011	206,551		1,211,365		1,211,365	1,211,365	1,016,680		2,228,045	2,228,045

BCR = Baseline Change Request.
 CPB = Contract Period Budget.
 FY = Fiscal Year.
 MSA = Mission Support Alliance, LLC.

OCCB = Operational Change Control Board.
 PMB = Performance Measurement Baseline.
 RL = U.S. Department of Energy, Richland Operations Office





12.0 RISK MANAGEMENT

November 2011 risk management efforts, aiding in completing the overall MSA risk determination, include the following:

- A risk assessment, as part of the MSA Enterprise Hazard Risk Management program, was performed for the exposure to fire and/or burning chemicals. This marks the fourth hazard analysis performed by the MSA Risk Department. The hazard program's objective is to document management practices, define acceptable risk levels and monitor risk triggers to ensure that the Mission Support Contract work scopes – that inherently possess a high level of threat to life, health, property or environment – are managed at an acceptable risk level.
- Three risk elicitations were performed this month for projects; *L766, Interior 200 E Road Repair*, *L744, 200 E Truck Fill Station* and *S234, Firing Range Realignment*. The purpose of the project risk elicitations is to compare schedule activities against project dollars, and identify the risks associated with each activity. This process helps determine the appropriate Management Reserve needed to sustain the project.
- Nine out of twelve risk profiles have been developed for the MSA departments. The 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. The scorecard will be used as a "living" document and be updated as necessary.

Management Reserve Usage Chart

- Management Reserve (MR) usage has been established for FY 2012. There was no MR use in the month of November.
- MR Usage and Projected MR Availability/Utilization Curve data charts will be provided in December.



90 Day Look Ahead

- Ongoing implementation of the MSA Enterprise Hazards Risk Management program.
- Development of MSA Organizational/Departmental risk profiles.



13.0 DASHBOARD SUMMARY

Mission Support Alliance	Jan11	Feb11	Mar11	Apr11	May11	Jun11	Jul11	Aug11	Sep11	Oct11	Nov11	Dec11
Strategic Areas												
Site Integration (SI) (Quarterly)	—— G ——			—— G ——			—— G ——			—— G ——		
Safe & Secure Operations (SO)	G	G	G	G	G	G	G	G	G	G	G	
Enabling the Cleanup Mission (CM)	G	G	G	G	G	G	G	G	G	G	G	
Site Stewardship (SS)	G	G	G	G	G	G	G	G	G	G	G	
Performance Incentives (PI)	G	G	G	G	G	G	G	G	G	G	G	
Program Operations												
Cost	G	G	G	G	G	G	G	G	G	G	G	
Schedule	G	G	G	G	G	G	G	G	G	G	G	
Risks	G	G	G	G	G	G	G	G	G	G	G	
Subcontractors	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Staffing	G	G	Y	Y	Y	Y	G	G	G	G	G	
Contract Management	G	G	G	G	G	G	G	G	G	G	G	
Funding	G	G	G	G	G	G	G	G	G	G	G	

Notes:

Yellow rating for Subcontractors: Objective is to meet Mission Support Contract Small Business requirements as identified in the Small Business Contract Plan. Target is to meet all plan goals. A yellow rating results when at least one goal remains unmet. November performance is rated yellow, as Small Business and Small Woman-Owned Business contracts remain below goal. The Subcontractors trend is typically lower at the beginning of each fiscal year due to renewals.

MSA continually reviews subcontract work scope for opportunities to realign to meet socioeconomic goals.

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 2011.

Table 14-1. Contract Deliverable Status, November 2011.

CDRL	Deliverable	Responsible	Date Due	Date Submitted to DOE	Action	Response Time (days)	Date Due from DOE	Date Approved by DOE
CD0048	Annual Plan and Schedule for Environmental Reports	Fritz	11/1/11	11/1/11	Approve	30 days	12/2/11	
CD0113	Inventory Accuracy Reports	Wilson	11/1/11	10/27/11	Review	10 days	11/7/11	
CD0114	Disposal of Excess and Surplus Personal Property Report	Wilson	11/1/11	10/27/11	Review	10 days	11/7/11	
CD0051	Milestone Review and IAMIT Meeting Minutes - September	Fritz	11/5/11	10/24/11	Review	30 days	N/A	
CD0123	Monthly Billing Reports for DOE Services - October	Eckman	11/5/11	11/3/11	Review	None	N/A	
CD0112	GSA Non-Federal Recipients and Exchange Sale Reports	Wilson	11/5/11	10/27/11	Review	10 days	11/7/11	
CD0066	Schedule of Updates to the Existing Plans Listed Below	Fritz	11/9/11	11/2/11	Approve	30 days	12/5/11	12/1/2011
CD0116	Correspondence Processing Report - October	Eckman	11/10/11	11/10/11	Review	None	N/A	
CD0144	Monthly Performance Report - September	Olsen	11/10/11	11/9/11	Review	None	N/A	

Areas shaded in grey indicate delivery to RL, and when the "Date Approved by DOE" is shaded, approval received from RL in return.

IAMIT = Interagency Management Integration Team.

TPA = Tri-Party Agreement.

N/A = no action.



Table 14-1, cont. Contract Deliverable Status, November 2011.

CDRL	Deliverable	Responsible	Date Due	Date Submitted to DOE	Action	Response Time (days)	Date Due from DOE	Date Approved by DOE
CD0104	Annual Maintenance Report	Wilson	11/10/11	11/10/11	Review	None	N/A	
CD0046	Self-Assessment and Corrective Actions	Hafner	11/15/11	10/31/11	Review	30 days	12/1/11	
CD0050	Report of TPA Milestone Status and Performance Statistics	Fritz	11/15/11	11/7/11	Review	30 days	12/8/11	
CD0106	List of Facilities to be CAS Inspected	Wilson	11/15/11	10/26/11	Review	30 days	11/28/11	
CD0182	Site-Wide Assessment of Institutional Controls	Wilson	11/15/11	11/10/11	N/A	N/A	N/A	
CD0084	Bonneville Power Administration (BPA) Power & Transmission Service Invoice Verification and Breakdown of Site Contractor Costs - August	Wilson	11/30/11	11/29/11	Review	30 days	12/30/11	

Areas shaded in grey indicate delivery to RL, and when the "Date Approved by DOE" is shaded, approval received from RL in return.

IAMIT = Interagency Management Integration Team.

TPA = Tri-Party Agreement.

N/A = no action.



Table 14-2. Contract Deliverable Status Look-Ahead, December 2011.

CDRL	Deliverable	Responsible	Date Due	Date Submitted to DOE	Action	Response Time (days)	Date Due from DOE	Date Approved by DOE
CD0008	Force-On-Force Test Results	Hafner	12/2/11	12/2/11	Review	45 days	1/17/12	
CD0051	Milestone Review and IAMIT Meeting Minutes - October	Fritz	12/5/11	11/22/11	Review	30 days	12/23/11	
CD0123	Monthly Billing Reports for DOE Services - November	Eckman	12/5/11	12/2/11	Review	None	N/A	
CD0080	Replacement of GSA Leased Vehicles Report	Wilson	12/7/11	11/29/11	Review	30 days	12/30/11	
CD0180	Quarterly Energy Conservation Performance Report	Fritz	12/7/11		N/A	N/A	N/A	
CD0189	Site Substability Plan	Fritz	12/7/11		Review	N/A	N/A	
CD0116	Correspondence Processing Report - October	Eckman	12/10/11		Review	None	N/A	
CD0144	Monthly Performance Report - September	Olsen	12/10/11		Review	None	N/A	
CD0050	Report of TPA Milestone Status and Performance Statistics	Fritz	12/15/11		Review	30 days		
CD0057	Annual Hanford Site EMS Goals and Metrics Report	Fritz	12/15/11		Approve	30 days		
CD0105	Required Maintenance Report	Wilson	12/15/11		Review	None	N/A	
CD0084	Bonneville Power Administration (BPA) Power & Transmission Service Invoice Verification and Breakdown of Site Contractor Costs - August	Wilson	12/30/11		Review	30 days		
CD0187b	TPA hanford Lifecycle Scope, Schedule and Cost Report (Lifecycle Report) - Final Report	Young	12/30/11		N/A	N/A	N/A	
CD0130	Integration Issues Management Plan	Young	12/20/11		Review	45 days		

Areas shaded in grey indicate delivery to RL, and when the "Date Approved by DOE" is shaded, approval received from RL in return.

IAMIT = Interagency Management Integration Team.

TPA = Tri-Party Agreement.

N/A = no action.



14.1 GOVERNMENT-FURNISHED SERVICES/INFORMATION AND DOE DECISIONS

DOE exceeded the GF050 due date (October 31, 2011) related to the Draft 2011 Lifecycle Report (MSA Contract Deliverable 0187b). However, despite input and review continuing to be received from DOE through the end of November, MSA fully expects to meet the contract deliverable (“TPA Hanford Lifecycle Scope, Schedule and Cost Report (Lifecycle Report) - Final Report”) on or before December 30, 2011. *[Editor’s note: Contract Deliverable 0187b was submitted to RL on December 19, 2011.]*

There are no other GFS/I items established for MSA in FY 2012.



15.0 SELF-PERFORMED WORK

Table 15-1. Mission Support Contract Socioeconomic Reporting.

Year to Date Actual Awards and Mods		Projection FY 2011	
FY 2011 Data 12/1/2011 Contracts + Purchase Orders + Pcard		**Project awards =	\$157,391,058
		Year to date awards =	\$79,806,575
		Bal remaining to award =	\$77,584,483
Sum of Reporting Value	Total (\$)	% of Total	Goal %
SB	\$39,781,397	45.06%	50.00%
SDB	\$27,164,807	30.77%	10.00%
SWOB	\$1,620,217	1.84%	6.80%
HUB	\$653,034	0.74%	2.70%
SDVO	\$409,279	0.46%	2.00%
VOSB	\$940,946	1.07%	2.00%
NAB	\$25,987,723	29.43%	—
Large	\$45,870,573	51.95%	—
*Govt Contract	\$958,832	1.09%	—
*Education	\$18,671	0.02%	—
*Nonprofit	\$104,195	0.12%	—
*Non Cont	\$61,172	0.07%	—
*Govt	\$1,499,119	1.70%	—
*Foreign	\$0	0.00%	—
Total	\$88,293,959	100.00%	—

* Non-inclusive in Large category.

** From Subcontracting Plan.

FY = fiscal year.

Govt = Government.

HUB = HUB Zone.

Large = Large Business.

NAB = Native American Business.

SB = Small Business.

SDB = Small Disadvantaged Business.

SDVO = Small Disadvantaged Veteran-Owned.

SWOB = Small Woman-Owned Business.

VOSB = Veteran-Owned Small Business.

The Subcontractors trend is typically lower at the beginning of each fiscal year due to renewals.

MSA continually reviews subcontract work scope for opportunities to realign to meet socioeconomic goals.



SERVICE AREA SECTIONS

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

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

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Business Operations

Rich Olsen, Vice President and Chief Financial Officer

Monthly Performance Report

November 2011



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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

KPMG and Other Audits - The KPMG Purchasing System Review Team completed its review and submitted the report to RL this month. The KPMG report did not identify any issues or non-compliances. MSA expects DOE's approval of the Procurement System in December 2011.

Program Controls

Usage-Based Services – During November, MSA initiated discussions with other Hanford contractors to obtain and assess revised Usage Based Service Forecasts against the MSA's existing resource plans and associated rates. The CH2M HILL Plateau Remediation Company (PRC) updated forecasts are expected to be received after their baseline deliverable update on November 30, 2011. This information will be consolidated with input received from Washington River Protection Solutions LLC (WRPS) to determine if staffing adjustments made in recognition of the completion of American Recovery and Reinvestment Act (ARRA) activities were consistent with site contractor plans for FY 2012.



Integrated Document Management System (IDMS) Shared Area – During November, MSA Program Controls provided RL documentation reflecting original MSA Fiscal Year (FY) 2012 rate development information and October’s monthly reports used in the Chief Financial Officer briefing. In addition, a presentation was provided to RL on MSA’s configuration process for development, maintenance, and monitoring of Usage-Based Services rates.

MSC Monthly Performance Report – The October 2011-status of the MSC Monthly Performance Report (Contract Deliverable CD0144) was submitted to RL on Tuesday, November 29, 2011, as scheduled. In striving to make the Report a more effective management tool, beginning this month the Report featured a revised and shorter format with enhanced analysis, improved introductions and status write-ups, and more concise data to increase its executive value. Following a three-day period of review (allowing for any final corrections/changes by both RL and MSA), the Report was then posted to the RL intranet website on Friday, December 2, 2011. It may be accessed on the RL Intranet at <http://www.hanford.gov/page.cfm/EMPR>

Contracts

Contracts Partnering Meetings - The second monthly Hanford contractors’ partnering meeting was held on November 8, 2011, with CHPRC and WRPS to discuss and coordinate contractual issues involving the Hanford complex. A charter for the group was drafted; and discussion continued on J3 table revisions, Usage-Based Services costs, and forecast of services.

Partnering Session with RL – The Contracts organization held a partnering session with RL on November 18, 2011, to discuss the path forward and expectations on the Request for Equitable Adjustment (REA) for fiscal year FY 2009/2010. Feedback included providing a declarative statement on the driver of the change, estimated cost impact by driver, and correlating the scope back to the original proposal.

FY 2012 Proposals - A defined path forward on FY 2012 proposals has been determined that will include proposals supporting four areas: Waste Characterization and Storage Facility (WCSF), Request for Services, Pension, and Labor Adder. The deadline to submit is December 15, 2011.



Supply Chain/Procurement

Small Business Mentor-Protégé Companies – The two new small business Protégés and incumbent Protégé, WESTECH International, attended a Jacobs-sponsored Mentor-Protégé Technology-Transfer Workshop on November 1-3, 2011, in Oak Ridge, Tennessee. MSA Procurement Engineering worked with MSA partner Jacobs Engineering Group to plan this event.

Finance and Accounting

Involuntary Reduction of Force Support - Disbursements Accounting met with all Hanford contractors (CHPRC, WRPS, Washington Closure Hanford, Eberline Services, and MSA) labor relations and human resources groups to discuss involuntary reduction of force processing and the handling of employee recalls. The meeting generated a multitude of questions requiring clarification from labor relations and the various company legal departments. The Disbursements Accounting group took the lead to update the Separations Pay Repayment Agreement so that a single, unified document can be used by all contractors.

LOOK AHEAD

MSA expects DOE's approval of its Procurement System in December 2011, as a result of the KPMG audit completed this month.

MAJOR ISSUES

No major issues are identified.

SAFETY PERFORMANCE

No Occupational Safety and Health Administration recordable or first-aid injuries were reported for Business Operations in November.



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

Fund Type	November 2011					FYTD 2012					
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV	BAC
Site-wide Services	\$0.5	\$0.5	\$0.3	\$0.0	\$0.2	\$0.8	\$0.8	\$0.5	\$0.0	\$0.3	\$5.9
Subtotal	\$0.5	\$0.5	\$0.3	\$0.0	\$0.2	\$0.8	\$0.8	\$0.5	\$0.0	\$0.3	\$5.9

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

Business Operations' (+\$0.3M) favorable FYTD cost variance is due to office space rental, fleet maintenance, and reproduction costs that were planned in Business Operations, but are now being billed to the benefitting users. A Baseline Change Request (BCR) to realign this budget is pending. In addition, MSA receives \$85K of revenue each month from Bechtel, to cover its use of the Hanford Fire Department and MSA Emergency Preparedness, which was not planned as revenue in the original proposal.

The factors contributing to the FYTD underrun are offset by the Performance Reporting organization requiring additional resources than proposed to adequately execute work scope.

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Chief Operations Office

David G Ruscitto, Chief Operations Officer

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INTRODUCTION

Within the Chief Operations Office 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 both 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. Communications and External Affairs also facilitate community outreach on behalf of MSA and its employees.

KEY ACCOMPLISHMENTS

Communications

MSA Communications SharePoint Website - MSA Communications Department held a requirements gathering session with Information Management for a SharePoint website that will allow all Hanford Communications Departments to collaborate. The Hanford Communication SharePoint site will allow the communications departments from DOE, MSA, CH2M HILL Plateau Remediation Company (CHPRC), Washington Closure Hanford, LLC (WCH), and Bechtel Hanford, Inc. (BHI) to collaborate on documents, events, and media relations, etc. The site will also hold libraries containing PowerPoint and presentation resources that can be shared among the contractors. This SharePoint website will help the Communications Departments on site build better communications with employees, shareholders and the public to tell the Hanford story from a similar voice.

External Affairs

November Hanford Advisory Board Meeting – External Affairs worked with the Department of Energy (DOE)- Richland Operations Office (RL) Public Involvement manager to develop key messages for a presentation to the Hanford Advisory Board (HAB) Executive Issues Committee, and then to the full HAB, identifying potential cost savings which could be implemented in Fiscal Year 2012. Based on information provided by RL, all Fiscal Year 2012 HAB meetings will be held in the Tri-Cities, saving \$20,000 in meeting expenses.



Hanford Speakers Bureau Presentations – In November, the Hanford Speakers Bureau presented to the Newport High School in Bellevue, Washington, and to the Sherwood (Oregon) Old Town Rotary Club, via SKYPE video conferencing. In addition, External Affairs successfully completed the first public meeting using webinar technology. Twenty-nine members of the public pre-registered for the meeting and 16 individuals from both Washington and Oregon states participated. The topic of the public meeting was the Tri-Party Agreement Community Relations Plan (now being called the Hanford Public Involvement Plan). The Hanford Speakers Bureau has spoken to 780 program participants through November of this calendar year.

Tour support – The MSA Tours program supported RL and CH2M HILL Plateau Remediation Company (CHPRC) in facilitating logistics for a tour for the Beryllium Health and Safety Committee on Tuesday, November 13, 2011. Tours staff drafted the agenda and made distribution as needed, secured transportation, submitted required security forms to RL, submitted visitor names to Badging, and performed other logistics as needed. Tours personnel also worked with DOE's Foreign National and Visits Affairs Office on logistics involving two foreign nationals on the tour. Tours staff participated in the tour as the Logistics Hosts.

MAJOR ISSUES

No major issues identified.

SAFETY PERFORMANCE

There were no Occupational Safety and Health Administration recordable or Days Away From Work injuries reported for the COO in November, 2011.



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

Fund Type	November 2011					FYTD 2012					
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV	BAC
Site-wide Services	\$0.2	\$0.2	\$0.2	\$0.0	\$0.0	\$0.3	\$0.3	\$0.3	\$0.0	\$0.0	\$1.9
Subtotal	\$0.2	\$0.2	\$0.2	\$0.0	\$0.0	\$0.3	\$0.3	\$0.3	\$0.0	\$0.0	\$1.9

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

No variance to report.



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Emergency Services & Training

Steve Hafner, Vice President

Monthly Performance Report

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Hanford Firefighters Receive Life Saver Awards on November 17, 2011.



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INTRODUCTION

The Emergency Services & Training (ES&T) 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, Volpentest HAMMER Training and Education Center facility operations, site-specific safety training, fire and emergency response services, and emergency operations.

KEY ACCOMPLISHMENTS

Emergency Management Program

Corrective Action Closed – Emergency Management Program (EMP) closed out a Corrective Action identified during the 400 Area take cover exercise; EMP staff provided information to other Hanford contractors for standard “Important Phone Numbers” that should be displayed on Facility Emergency Response Information Boards (FERIBs).

MSC-RD-7647 Revision 5 – Revision 5 of Emergency Preparedness’s requirements document (“Emergency Preparedness Program Requirements”) was issued on November 2, 2011. Included was a minor change to revise references and provide some clarifications.

Support to RL – EMP staff supported the Department of Energy (DOE) Richland Operations Office (RL) Office of Security and Emergency Services in presenting the EMP-developed overview of Hanford emergency preparedness, and the re-evaluation of the Hanford Emergency Planning Zones to representatives of Washington Emergency Management, Washington Department of Health, Oregon Department of Energy, Benton County Emergency Management, Franklin County Emergency Management, and Grant County Office of Emergency Management.

Quarterly Unified Dose Assessment Center (UDAC) Training – EMP staff conducted quarterly UDAC training to brief staff on communicating accurate and clearly understandable onsite protective actions and offsite protective action recommendations. This completed corrective action MSA-IIF-2011-0602, Action 3 and also addressed several other actions from previous exercises.

PI for Long Term Stewardship (LTS) Program – EMP staff completed review of two program documents and provided comments on November 17, 2011. This task is a Performance Incentive for the LTS Program.



FY 2012 First Quarter Limited Exercise – On November 17, 2011, MSA conducted the FY 2012 First Quarter Limited Exercise at a Tank Farm facility in the 200 West Area for the Department of Energy. The scenario involved a release of radiological material during a waste transfer operation. MSA lead the coordinated effort to develop a scenario that would ensure multiple contractors and emergency services organizations could meet the planned objectives for the exercise. The exercise was effectively conducted as scheduled, and in accordance with the exercise plan.

HAMMER/Hanford Training

Pacific Northwest National Laboratory (PNNL) Activities Support – HAMMER provided support and project management for numerous PNNL activities, including the Second Line of Defense activities for a class from China, the re-start of the PNNL Clear Eyes project and the International Atomic Energy Agency (IAEA) Forensic Pilot Course. The IAEA Forensic Pilot course was conducted in preparation for an international Nuclear Forensics Course scheduled to occur in February.

Safeguards and Security (SAS)

Force-on-Force Exercise – SAS conducted an evening Force-on-Force exercise. RL Safeguards and Emergency Services (SES) and MSA Senior Management observed. The exercise went well and all objectives were met.

Recall Notification Completed – SAS staff completed the first recall notification test that supports the FY 2012 Recall Performance Incentive.

Hanford Fire Department (HFD)

Equipment Fire - On November 13, 2011, HFD responded to a portable generator fire at Mobile Office (MO) 2246 (at the 209E Deactivation and Decommissioning Project). Upon arrival, the generator was still burning and the fire was extinguished by Hanford Fire. An initial investigation revealed the presence of smoldering organic material, suspected to be bird or rodent nesting material.

Sacajawea Derail Incident – On the morning of November 7, 2011, the Southeast All Hazards Incident Management Team was requested by the Port of Pasco and Pasco Fire Department to assist with the train derailment incident (incident name: “Sacajawea Derail”).



There were approximately 75 people assigned to the incident, which included: Tri-County Hazmat Team Responders, Pasco Fire, Port of Pasco, Southeast Washington Incident Management Team (SEWIMT) Members, Burlington Northern Sante Fe (BNSF) Railway, and others. The team assisted with the mitigation of the immediate spill hazard, and clean-up of the Ethanol and Corn Syrup (spilled during the derail). The Hazmat hazard was mitigated with no injuries, and the SEWIMT turned the incident management of clean-up back over to the Port of Pasco and BNSF that same afternoon.

Hanford Patrol Range Safety Analysis Document Approved by DOE – RL has approved the Hanford Patrol Range Safety Analysis Document which includes the Explosives Site Safety and Security Plan. Changes and improvements resulted from the Hanford Fire Marshal Permitting process. Hanford Patrol explosives permits will now be renewed for one year.

UPCOMING EVENTS

- January 23-27, 2012 – DNFSB Review of Emergency Management
- May 14-17, 2012 – Annual Training Resource and Data Exchange (TRADE) Emergency Management Issues (EMI) Special Interest Group (SIG) Conference in Seattle, WA. MSA is the host this year.

SAFETY PERFORMANCE

There were two Occupational Safety and Health Administration recordable injuries and two minor first aid injuries reported for ES&T in November. One recordable injury (a Days Away From Work injury) involved a strain to the lower back following physical exertion during a training exercise. The second injury (a Days Away/Restricted/Transferred [DART] injury) involved a laceration to the right ring finger.

The two first aid injuries involved strains to the leg, one due to exertion/overwork, and the other the result of a slip/trip.



Table EST-1. Emergency Services & Training Cost/Schedule Performance (dollars in millions)

Fund Type	November 2011					FYTD 2012					
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV	BAC
RL-0020 – Safeguards and Security	\$3.2	\$3.2	\$4.7	\$0.0	(\$1.5)	\$6.4	\$6.4	\$8.6	\$0.0	(\$2.2)	\$44.8
RL-0040 – Nuc. Fac. D&D – Remainder Hanford	\$0.4	\$0.4	\$0.6	\$0.0	(\$0.2)	\$0.7	\$0.7	\$1.0	\$0.0	(\$0.3)	\$4.9
Site-wide Services	\$1.9	\$1.9	\$2.0	\$0.0	(\$0.1)	\$3.3	\$3.3	\$3.6	\$0.0	(\$0.3)	\$23.4
Subtotal	\$5.5	\$5.5	\$7.3	\$0.0	(\$1.8)	\$10.4	\$10.4	\$13.2	\$0.0	(\$2.8)	\$73.1

ACWP = Actual Cost of Work Performed.

CV = Cost Variance

BAC = Budget at Completion.

FYTD = Fiscal Year to Date

BCWP = Budgeted Cost of Work Performed.

SV = Schedule Variance

BCWS = Budgeted Cost of Work Scheduled.

FYTD BASELINE PERFORMANCE VARIANCE

RL-0020 Safeguards and Security cost variance (-\$2.2M), RL-0040 HAMMER (-\$0.3M), and Site-wide Services (-\$0.3M) – 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. 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 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.

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Energy & Environmental Services

Lori Fritz, Vice President

Monthly Performance Report November 2011



Public Safety and Resource Protection Program staff performing rare plant surveys along the Columbia River.



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INTRODUCTION

The Energy and Environmental Services (EES) organization role provides environmental management and resource protection to support the various Hanford Contractors and the 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.

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

The Analytical Services group within EES operates the Waste Sampling and Characterization Facility (WSCF). The lab provides for sales 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, three EES contract deliverables were completed on or ahead of schedule.

CD0048 Annual Plan & Schedule for Environmental Reports
Due: 11/01/11, Completed: 11/01/11, [MSA-1104982](#)

CD0051 September TPA Milestone Review and IAMIT Meeting Minutes
Due: 11/05/11, Completed: 10/24/11, [MSA-1003932.10](#)

CD0050 October Report of TPA Milestone Status & Performance Statistics
Due: 11/15/11, Completed: 11/07/11, [MSA-1105345](#)

Site Sustainability – In November 2011, the in-field data collection portion of the Facility and Energy Assessment was completed at the HAMMER facility, and also at Fire Station Bldg. 609A, Fire Station Office MO292, and at the Crane & Rigging Building 6290. A significant amount of data was collected in the field that will be entered into a



building energy use benchmarking system (such as ENERGY STAR) to identify and implement energy or water saving measures that are determined to be life-cycle cost effective. This activity is in support of the Hanford Site Sustainability Program. Final data for the Pollution Prevention Tracking and Reporting System was entered into the U.S. Department of Energy-Headquarters database on November 28, 2011. The data is used to prepare the U.S. Department of Energy's annual progress reports required under DOE Order 450.1A, Environmental Protection Program, as well as for progress reports under the Office of Management and Budget and the Strategic Sustainability Performance Plan.

Radiological Site Services (RSS) – The U.S. Department of Energy Laboratory Accreditation Program (DOELAP) accreditation applications for extremities were transmitted to RL. This submittal constitutes completion of one of the Fiscal Year (FY) 2012 performance incentives for RSS.

WSCF – To support resumption of operations at WSCF, the pre-filter and high efficiency particulate air (HEPA) filter change out was successfully completed. This represents the first change out of these HEPA filters since the facility began operations in the early 1990s. Following completion of the HEPA filter change out, additional testing of the fume hoods was completed, including flow visualization using dry ice and smoke tubes to verify fume hood performance. This data will be evaluated by the independent panel to recommend restart of lab operations anticipated for the first week in December.

Environmental Site Services (ESS) – The following waste was shipped offsite for disposal or recycling:

- The last tank shipment of waste X-ray fixer and developer, plus eight boxes of regulated medical waste from the 200W CSC Hanford Occupational Health Services facility were shipped back to the vendor.
- Eight drums of hydraulic stained soil from the Environmental Disposal Restoration Facility (ERDF) were shipped. This soil was from a spill cleanup when a crane broke a hydraulic line in the 200E Area.
- Twenty-two paint totes (weighing 600 pounds each) were shipped back to the manufacturer (Ennis Paints).



LOOK AHEAD

Thirteen EES contract deliverables are due in December:

- CD1018 MSA and Others Pollution Prevention (P2) Fiscal Year Roll-up Report
Due: 12/01/11
- CD1037 MSA & Others Environmental Preferable Purchasing Fiscal Year Roll-up Report
Due: 12/01/11
- CD1009 Hanford Site Green House Gas Emissions Report
Due: 12/01/11, Completed: 11/29/11, [MSA-1004148A R2](#)
- CD0051 October TPA Milestone Review and IAMIT Meeting Minutes
Due: 12/05/11, Completed 11/22/11, [MSA-1105576](#)
- CD0189 Site Sustainability Plan
Due: 12/07/11
- CD0180 Quarter 4 Energy Conservation Performance Report & end-of-year data
Due: 12/07/11
- CD1008 Annual NOI to Remove Asbestos at the Hanford Site
Due: 12/10/11
- CD1027 Annual Environmental Monitoring Schedule
Due: 12/15/11
- CD0050 November Report of TPA Milestone Status & Performance Statistics
Due: 12/15/11
- CD0057 Hanford Site EMS Goals & Metrics (as specified in EMS)
Due: 12/15/11
- CD1001 Annual National Environmental Policy Act (NEPA) Planning Summary
Due: 12/31/11
- CD1030 Annual Calendar Year Quarterly Milestone Review and IAMIT Schedule
Due: 12/31/11
- CD1020 Pollution Prevention Award Nominations
Due: 12/31/11

MAJOR ISSUES

None to report.



SAFETY PERFORMANCE

No Occupational Safety and Health Administration recordable injuries and no vehicle accidents were reported for EES in November. There was one first aid case, involving an employee who experienced pain and numbness in her right hand while working at the computer.



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

Fund Type	November 2011					FYTD 2012					
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV	BAC
Site-wide Services	\$2.5	\$2.5	\$2.2	\$0.0	\$0.3	\$4.4	\$4.4	\$3.5	\$0.0	\$0.9	\$30.7
Subtotal	\$2.5	\$2.5	\$2.2	\$0.0	\$0.3	\$4.4	\$4.4	\$3.5	\$0.0	\$0.9	\$30.7

ACWP = Actual Cost of Work Performed. CV = Cost Variance
 BAC = Budget at Completion. FYTD = Fiscal Year to Date
 BCWP = Budgeted Cost of Work Performed. SV = Schedule Variance
 BCWS = Budgeted Cost of Work Scheduled.

FYTD BASELINE PERFORMANCE VARIANCE

FYTD cost variance (\$0.9M): 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 FY 2012. 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 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. In the meantime, the divergent data associated with the approved funding and Priority List scope will continue to be reflected.



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Human Resources

Todd Beyers, Vice President

Monthly Performance Report

November 2011



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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 Billing and Involuntary Reductions of Force Transactions - Processed 822 invoices to Hanford Employee Welfare Trust (HEWT) Participants who elected displaced worker medical benefits and to retirees who self-pay retiree medical benefits. Retirees also have the option of using electronic funds transfer. This month's invoice process included charges and payments for October and November resulting from CH2M HILL Plateau Remediation Company (CHPRC), MSA, and Washington River Protection Solutions, LLC (WRPS) involuntary reductions of force. In prior months, approximately 200 invoices were processed.

Pension Plan Amendment - A pension plan amendment was proposed and approved by the Hanford Site Pension Plan Committees clarifying retirement plan eligibility consistent with the Washington Closure Hanford (WCH) and Eberline Services Hanford Inc. (ESHI) collective bargaining unit agreement and CHPRC, WRPS, and MSA letters of understanding.

Target Retirement Fund Changes - The Savings Plan Committees voted to add the Vanguard Target Retirement 2060 fund as a new investment option in the Hanford Site



Savings Plans. The Vanguard Target Retirement 2005 Fund is expected to merge with the Vanguard Target Retirement Income Fund in February of next year.

2012 Open Enrollment - Benefits staff assisted employees with questions about welfare plans, providers, eligibility, etc. and enrolled employees who were not able to access computers during the Open Enrollment period. The Open Enrollment window for the HEWT benefit plans and the MSA Market Based Plan (MBP) benefit plans closed on November 7, 2011, and the Fernald Legacy Plans Open Enrollment window closed November 11, 2011. Benefits staff performed quality checks, ran reports, etc. to prepare the enrollment files for distribution to the providers. The effective date for all benefit enrollments is January 1, 2012 for all plans.

Corrective Action Plan - The Corrective Action Plan (CAP) resulting from the 2011 HEWT Benefits Value Study was submitted to U.S. Department of Energy (DOE) Richland Operations Office (RL) on November 1, 2011. The CAP detailed specific options for benefit plan changes that would meet the DOE's pre-defined range of an acceptable benefits value. The Benefits Value study compared the benefits provided to Hanford employees and retirees against those provided by 15 comparator organizations.

Fernald Quarterly Reporting - The quarterly reporting contract deliverable was fulfilled with the submittal of the "Fourth Quarter Fiscal Year 2011 Fernald Legacy Pension and Post-Retirement Benefits" reports, and the "Fernald Benefits Quarterly Committee Meeting Minutes." The reports included information on plan costs, statistics and activities for the time period of July through September, 2011. The reports were due to RL by November 15, 2011.

Fernald Summary Reports - The Fernald Summary Annual Reports (SAR) were distributed to 1,100 participants covered under the Fernald Legacy Plans. The SAR is an annual report required by the Employee Retirement Income Security Act (ERISA) to be distributed to participants of the welfare plan. The report covered the period from January 1 to December 31, 2010.

Safe Harbor Notices - Participants in the Hanford Guards Union (HGU), Local 21 Savings Plan and the Hanford Atomic Metal Trades Council (HAMTC) Savings Plan were sent the annual required Safe Harbor notice to inform them of the provisions of the plans for calendar year 2012. Approximately 4,300 notices were sent to participants in the HAMTC (over 1,000 delivered via electronic mail) and approximately 350 were sent to the HGU participants (over 100 delivered via electronic mail).

Summary Annual Reports - Participants and Beneficiaries in one or more of the



Hanford Site benefit plans as of December 31, 2010 were sent the Summary Annual Report as required by the Department of Labor.

Staffing Support for the Firefighter Annual Listing - Staffing assisted the Hanford Fire Department with its annual Firefighter applicant listing and participated in 30 panel interviews November 28 – December 2, 2011. This pool of interviewees will be used to fill the current openings and any upcoming openings over the next year.

Staffing Support to Other Hanford Contractors - Staffing has been working with other Hanford contractors (CHPRC, Washington River Protection Solutions, LLC [WRPS], Washington Closure Hanford, LLC [WCH], Parsons, & ESHI) to maintain the Hanford Atomic Metal Trades Council (HAMTC) Recall List. MSA took on the responsibility of maintaining the HAMTC Recall List, which resulted in handling numerous phone calls from HAMTC Stewards and people affected in the last reduction.

Staffing Support to Radiological Site Services (RSS) - Staffing has been interfacing with Energy & Environmental Services to provide resources to support the RSS work scope from Pacific Northwest National Laboratory (PNNL). The timeframe has been adjusted to bring people on-board at the end of February 2012 instead of January 2012.

Staffing Support to Site Infrastructure & Logistics - Staffing continues to provide temporary employees to Site Infrastructure & Logistics organization to support CHPRC's Deactivation and Decommissioning (D&D) project. This has been an ongoing and difficult process to keep temporary employees on-board to support CHPRC while WCH is recalling Teamsters for regular full-time jobs. These temporary assignments will end in January 2012.

Workshop Sessions - HR Services & Development, in cooperation with Legal Counsel brought in an employment law expert from Morgan, Lewis & Bockius LLC in Washington D.C. November 15-16, 2011, to provide instruction and guidance to managers and HR professionals on a variety of issues related to workforce restructuring. He met with HR and Legal representatives from MSA and RL to discuss MSA's Fiscal Year (FY) 2012 workforce restructuring plans, and also gave a workshop to the Desert Bar monthly meeting, which includes attorney's from all of the Hanford contractors, as well as other Hanford contractor representatives.

MAJOR ISSUES

No major issues identified.



SAFETY PERFORMANCE

No Occupational Safety and Health Administration recordable injuries were reported for HR in November, 2011.



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

Fund Type	November 2011					FYTD 2012					
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV	BAC
Site-wide Services	\$0.2	\$0.2	\$0.2	\$0.0	\$0.0	\$0.3	\$0.3	\$0.4	\$0.0	\$0.0	\$2.2
Subtotal	\$0.2	\$0.2	\$0.2	\$0.0	\$0.0	\$0.3	\$0.3	\$0.4	\$0.0	\$0.0	\$2.2

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.

FYTD BASELINE PERFORMANCE VARIANCE

Within threshold.



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Information Management

Todd Eckman, Vice President

Monthly Performance Report

November 2011



DOE Hanford Federal Network (HFNET) Migration took place November 14, 2011



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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 & 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

STRATEGIC PLANNING & SPECIAL PROJECTS

Warehouse Consolidation Project – Mission Support Alliance, LLC (MSA) started the process of defining the Warehouse Consolidation Project's vision, objectives and scope. The Warehouse Consolidation Project is a joint effort between CH2M HILL Plateau Remediation Company (CHPRC), MSA, Washington Closure Hanford, LLC (WCH), and potentially Washington River Protection Solutions, LLC (WRPS); therefore, a comprehensive project plan is needed to communicate and coordinate support requirements. During the month of November, meetings were held with MSA Interface Management, CHPRC and WRPS to get their perspectives on what the vision and objectives of the Warehouse Consolidation Project, should achieve. When complete, the project plan will define the vision, scope and deliverables that have been mutually agreed to and that all companies have committed to support and accomplish.

OPERATING EXCELLENCE

Long Term Stewardship (LTS) IM Support - The MSA LTS IM team participated in a one-day facilitated Lessons Learned event with LTS management and integrated project team members from MSA, CHPRC, and U.S. Department of Energy (DOE) Richland Operations Office (RL). The event, sponsored by MSA and RL, provided an opportunity to take a step back and reflect on the LTS program as a whole and identify improvement opportunities for Transition and Turnover Packages (TTP) processing



based on the first remediated Hanford land segment, Segment 1. This event supports a fiscal year (FY) 2012 performance incentive for MSA.

MSA Communications & External Affairs (C&EA) FY 2012 Goals Work Shop - The MSA Operating Excellence (OE) Team facilitated a half-day workshop for the C&EA organization on November 10, 2011. The purpose of the work shop was to bring the team together to focus on FY 2012 goals and deliverables. The team developed several goals and organizational enhancements that included improvements to the internal and external websites, increased public involvement, updating the Hanford Tours, establishing clear roles and responsibilities, and enhanced internal and customer communication.

MSA Operating Excellence for FY2012 - The Operating Excellence team met with MSA leadership to discuss opportunities for structured improvement activities (SIAs) for the organization. The focus of the meetings focused on SIAs that can be performed in FY 2012. The OE team is working on developing customer requested estimates for several of the SIA opportunities for the second quarter.

INFRASTRUCTURE SYSTEMS & CYBER SECURITY

Hanford Federal Network (HFNET) Transition Successful - Effective November 14, 2011, RL became the first tenant on the Hanford Federal Cloud, leading the transformation for Hanford and other Environmental Management field offices. During this migration, 650 users were transitioned to HFNet over a one-week period. Transitioning RL to HFNet results in improved services, while providing global cost savings and environmental benefits to the government. Benefits include centralized and consolidated data centers, reduction in energy usage at both the desktop as well as the data center using Thin Client technology, cost savings on computer hardware and software, and improved cyber security posture. The existing Video Teleconference (VTC) systems and Voice over Internet Protocol (VoIP) systems were transitioned from Richland Operations Office Local Area Network (ROLAN) to Hanford Federal Network (HFNet) over the same weekend. This transition went well, with all systems tested and operational.

S-8 Siren Silo Failure/Root Cause Analysis - Following the ISMS process, MSA IM assembled a Planning Team using multi-craft personnel and various subject matter experts (SME) to put together a work plan for the safe removal of the S-8 Silo Siren elevating mechanism. On November 17, 2011, all essential personnel met at the S-8 Silo Siren location and the failed elevating mechanism was safely removed from the silo with no incidents. Next the MSA team will complete the Root Cause Analysis and begin working corrective action items.



Pre-Job AJHA Performed



S-8 Siren Silo Pre-Job Appearance



Removal of Equipment from Silo

Cyber Security Fourth Quarter Penetration Testing Results - The MSA Information Management Cyber Security group recently completed the FY 2011 Fourth Quarter



Penetration Test Final Report. A penetration test is security testing in which evaluators mimic real-world attacks in an attempt to identify ways to circumvent the security features of an application, system, or network. MSA Cyber Security performs penetration tests to provide management with an assessment of the general security posture of HLAN resources, and to improve the security posture through the identification and validation of technical weaknesses in HLAN security. The penetration test was organized into three campaigns where the team was able to connect together vulnerabilities in several systems to penetrate and compromise targeted HLAN systems. Several weaknesses were identified and immediately fixed, resulting in an improved HLAN security posture.

Upgrade of Radio Communications Repeater - MSA IM installed a new antenna combining system at the Central Plateau communications center in support of Hanford Fire and Hanford Patrol radio channels. This new system greatly improved the range of a Hanford Patrol channel while reducing the likelihood of radio interference between radio systems for this mission critical communications system.

Establishment of Internet Service Provider Presence in Federal Building - MSA IM kicked off the effort to create an Internet presence in the Richland Federal Building. The purpose of this project is to create a free-standing Internet connection in the Federal Building that has zero technical or physical dependencies to the connection currently in the Richland Primary Data Center. In response to RL, this project directly supports the Hanford Federal Cloud objectives. Technical procurements are proceeding.

INFORMATION SYSTEMS

Material Safety Data Sheets External (MSDS EXTERNAL) Version Update - MSA IM successfully released version 1.0.0 of MSDS EXTERNAL. This release is a read-only copy of the HLAN version of MSDS and has been placed external to the HLAN (in the DMZ). MSDS EXTERNAL will accommodate internet users located off the Hanford site that still support Hanford activities, allowing them to access the same Material Safety Data Sheets available on the HLAN.



INFORMATION SUPPORT SERVICES

Geo-Visualization Version Update - MSA IM completed testing of the Geo-Visualization version 2.0 desktop application. Documents were finalized with signatures and submitted to the Software Quality Assurance team to load into the official record area. The Hanford Information Systems Inventory application was updated and the new version was presented to the Production Readiness Review Board. The server support team installed necessary software components on the production server and the application was deployed on November 18, 2011.

LOOK AHEAD

- Deployment of new convenience copiers – on going
- Roll out of Multi-Media Library – on going
- Continue to migrate circuits off 5ESS – on going
- State of IT Event – December 15, 2011
- Mobile Application demo of Work Management System (Maximo) – December 2011
- IM Facilities Consolidation Master Plan – December 2011
- QMAP Upgrade – December 2011
- Phase II of the Hanford Cloud Initiative continues, expected completion January 2012
- Hanford Site Emergency Notification – January 2012

MAJOR ISSUES

No issues identified.

SAFETY PERFORMANCE

No Occupational Safety and Health Administration recordable injuries, first aids, vehicle accidents were reported for IM in November, 2011.

MISSION SUPPORT ALLIANCE

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Portfolio Management

Steve Young, Vice President

Monthly Performance Report

November 2011



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Introduction

The Mission Support Alliance, LLC (MSA) Portfolio Management (PFM) functional area provides Hanford Site integration using simulation and optimizing analysis tools, and coordinates and assists with integrated scheduling and performance evaluation. The primary goal of the PFM team is to create an Integrated Hanford Lifecycle Cleanup Planning Process that optimizes the Site mission lifecycle, enabling the U.S. Department of Energy (DOE) to ensure cost and schedule efficiency, while adequately anticipating and managing project and programmatic risk.

Key Accomplishments

Major Focus Areas – PFM continued to assist Department of Energy Richland Operations Office (RL) in the development of the Budget formulation process, establishment of a Contract Alignment Board, refinement of the Change Control Process and development of the Operations Activities Policy and Protocol. These products will assist RL in effective work alignment and execution.

2011, 2012 and 2013 Lifecycle Scope, Schedule and Cost Reports (Tri-Party Agreement [TPA] Milestone M-36-01) - The 2011 Lifecycle Report was an agenda topic at the Hanford Advisory Board (HAB) meeting on November 4, 2011. PFM prepared a presentation for RL to utilize at the HAB. The HAB provided consensus advice to the three parties following the HAB discussion. The public comment period ended on November 11, 2011.

Work to prepare the final 2012 Lifecycle Report continued. This report is due to RL on December 31, 2011. PFM met with key RL and Department of Energy Office of River Protection (ORP) managers to gain approval on scope, schedule and cost inputs. A final walkthrough with RL key leaders was conducted in the Plant Acquisition and Capital Equipment (PACE) on November 28, 2011.

PACE Operations – PFM provided a demonstration of the PACE, the Integrated Technical Data-mart (ITD), and the web-based Geo-Visualization tool to Rod Rimando, Department of Energy Deputy Federal Project Director for the Savannah River Site Recovery Act Project.

Contingency Analyses for Peer Reviews – PFM developed and performed multiple quantitative risk analyses for RL projects. MSA Risk Analysts created risk analyses models for the RL-0030.C Project (the capital asset project for the 200 West Pump and Treat System as well as well drilling, well decommissioning, and construction of the



100-DX Pump and Treat System) and an independent analysis of the RL-0011 Plutonium Finish Plant Closure Project (PFP). The RL-0030.C analysis was utilized to substantiate identified contingency requirements for the project and to provide an updated risk posture to present to the Department of Energy-Headquarters (HQ) peer review that occurred during the month.

Risk Management Plan Updates – PFM prepared a Risk Management Plan (RMP) for the new capital asset project created by RL-0030. The RMP discusses the methodology of planning for the risk, performing risk analysis, addressing risk handling actions, and monitoring and controlling the project risks. The RMP was reviewed with the Integrated Project Team (IPT) and it was revised to incorporate IPT comments and submitted to the RL-0030 Federal Project Director (FPD) for approval. The document was approved and signed by the FPD and the Assistant Manager for Central Plateau.

Project Risk Management Monthly Reports – PFM developed and delivered monthly risk reports for the RL Project Baseline Summaries (PBS) RL-000, RL-0011, RL-0012/41K, and RL-0041. These reports provide the Integrated Project Teams with an overview of the current risk posture of each project and a 90-day look ahead for risk handling actions.

Project Execution Plan Support – All risks realized for the groundwater capital asset project were reviewed and the realized risks and their related costs were captured in a table for the FPD. New risks were updated and elicited and a key risk table was created for the Groundwater Capital Asset Project Execution Plan (PEP) and it was delivered to the project. Graphics and technical editing support for the PFP Closure Project's PEP were also provided.

Project Integration & Controls Support – PFM assisted RL's Project Integration & Controls (PIC) organization in improving its current documented process, and the means for transferring materials interface interaction test (MII) cost estimate data into P6 schedules. Using output spreadsheets from P6, as well as the current Access programs and MII rollup files, PFM staff performed the steps of the existing process to transfer MII data to P6. Issues with the current programs were noted and corrected, which primarily consisted of configuration issues. PFM will continue this effort to support PIC until they have a streamlined process and associated documentation as this effort supports all DOE budget exercises.

Integrated Technical Data-mart (ITD) and the Integrated Hanford Lifecycle Cleanup Planning Process – Schedule data updates (including Global Assembly Cache codes), analytical building block (ABB) designations, and user interface improvements were



made to the Lifecycle Model (LCM) application. The most recent version of LCM was demonstrated to RL's PIC Federal Project Director (FPD) and Assistant Manager for Administration (AMA) representatives as an example of its role in budget formulation. LCM is anticipated to be a key tool in conducting budget planning. It allows users to comprehensively explore various lifecycle cost and schedule options, while maintaining project logic and cohesion.

DOE Waste and Fuels Project signed off on the final waste process flow diagrams which meet the categories and granularity requirement that they selected. This agreement provides a consistent basis and labeling for waste types/quantities entered into P6. Establishing these specifications moves DOE client and contractor staff forward towards using a variety of tools (such as LCM) to conduct analysis of various waste management scenarios and waste forecasts.

The PFM web-based Geo-Visualization application was placed into production and iDashboards Lightweight Directory Access Protocol (LDAP) security implemented, allowing single sign-on access through Geo-Visualization application. These applications provide approachable tools to access ITD information, providing strategic project data in a spatial context. Additionally, queries and searches can be executed by users and saved outside of the program to be reviewed. Other features allow user entered drawings and text to be captured during a Geo-Visualization session.

LOOK AHEAD

Support to the RL and ORP budget formulation process development and documentation process will continue in December.

MAJOR ISSUES

No major issues are identified.

SAFETY PERFORMANCE

No Occupational Safety and Health Administration recordable injuries, first aids, or vehicle accidents were reported for PFM in November, 2011.



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

Fund Type	November 2011					FYTD 2012					
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV	BAC
RL-0041- Nuclear Facility D&D – River Corridor Project	\$0.0	\$0.0	\$0.1	\$0.0	(\$0.1)	\$0.0	\$0.0	\$0.1	\$0.0	(\$0.1)	\$0.4
Site-wide Services	\$0.4	\$0.4	\$0.4	\$0.0	\$0.0	\$0.8	\$0.8	\$0.9	\$0.0	(\$0.1)	\$5.4
Subtotal	\$0.4	\$0.4	\$0.5	\$0.0	(\$0.1)	\$0.8	\$0.8	\$1.0	\$0.0	(\$0.2)	\$5.8

ACWP = Actual Cost of Work Performed.

CV = cost variance.

BAC = Budget at Completion.

FYTD = fiscal year to date.

BCWP = Budgeted Cost of Work Performed.

SV = schedule variance.

BCWS = Budgeted Cost of Work Scheduled.

FYTD BASELINE PERFORMANCE VARIANCE

SWS (\$0.1M) - Variance is within threshold

RL-41 (\$0.1M) - During November, Baseline Change Request (BCR) VRL41-12-001 was processed to incorporate budget and work scope for MSA support to River Corridor Closure Project (RCCP), Portfolio Management Task Order (PMTO) 12-001. This work scope was performed as a Request For Service (RFS) during FY11 but during November was incorporated into MSA's baseline via mod #157. BCWS to cover the FYTD actuals is planned in December, this is a budget time phasing issue that will self-correct.

MISSION SUPPORT ALLIANCE

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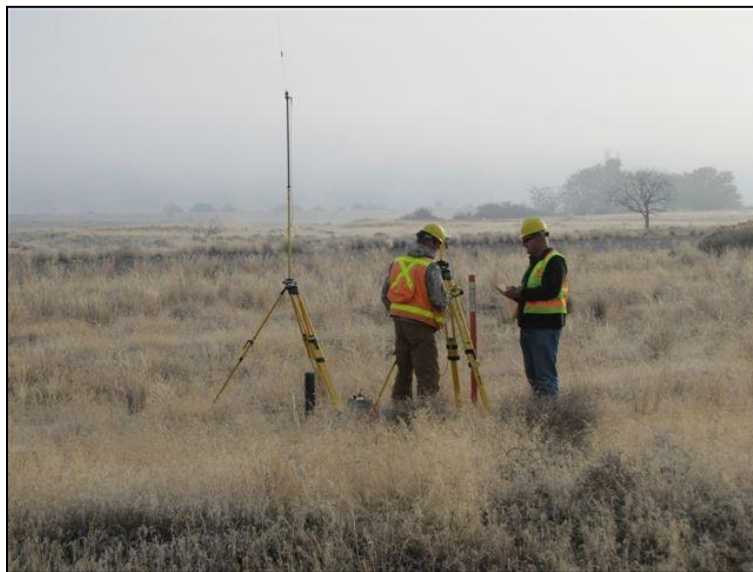


Project Planning & Integration

Kirk McCutcheon, Vice President

Monthly Performance Report

November 2011



Atlas Inspection Technology subcontractors performing ground surveys for 230kV Transmission tower mapping activities



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INTRODUCTION

Project Planning and Integration (PPI) 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 the MSA Interface Management, Strategic Planning and Project Management functions. Interface Management is a single group; however, they are organized in alignment with providing interface to the other Hanford contractors (OHCs). Strategic Planning is comprised of the Interface and Services Alignment Plan (ISAP) group. The Project Management group has three functional organizations: Central Engineering, Project Management, and Construction Management. Each of these areas manage their respective internal and external customer interfaces as required to ensure the successful implementation and maintenance of the Mission Support Contract (MSC).

KEY ACCOMPLISHMENTS

INTERFACE MANAGEMENT

Warehouse Consolidation Activities – A two-day warehouse consolidation workshop was held on November 17-18, 2011, with representatives from MSA, CH2M HILL Plateau Remediation Company (CHPRC), Washington Closure Hanford, LLC, (WCH), and Washington River Protection Solutions (WRPS). The workshop was a collaborative effort between all contractors to define the warehouse consolidation in the current and future condition. The workshop identified several alternatives that could provide additional warehouse efficiencies. In addition, a Warehouse Consolidation Business Case Analysis draft project plan was submitted to CHPRC, WCH, and WRPS for review and comment. Initial feedback on the plan has been positive, and the consensus is that the project schedule is achievable.

90-Day Look Ahead Report – MSA Interface Management sent out an informational email to contractor Interface Management staff to introduce the new 90-Day Look Ahead report format. Information was provided about the monthly process to update the report and the benefit this report should provide to the contractors. The contractors have communicated that updates will be provided beginning in December.



ELM Training System – WRPS provided MSA Interface Management with data collected on the impacts to the Enterprise Learning Management (ELM) system rollout that occurred this past July. WRPS noticed a significant increase in course attendee "no shows" the day after the ELM system was introduced. Part of the problem was attributed to the ELM system sending only email confirmations to the students whereas, the previous system sent notices directly to students' Outlook calendars.

Hanford Site Worker Trainer AIA – The Hanford Site Worker-Trainer Administrative Interface Agreement (AIA) was signed by presidents from CHPRC, MSA, WCH, WRPS, as well as the Pacific Northwest National Laboratory (PNNL) Director. The AIA describes how each Site contractor and PNNL will support the Site's Worker-Trainer Program.

STRATEGIC PLANNING

Performance Incentives – Discussion was held with MSA management to review the Fiscal Year 2012 Performance Incentive October Status Report. Following the review and comments, the report was sent to DOE on November 16, 2011. MSA Interface Management supported two recent Performance Incentive (PI) deliverables to RL by preparing a transition plan for the post-American Recovery and Reinvestment Act (ARRA) ramp-down of Site services (PI 1.1.1) and submitting a pilot plan for consolidating Site infrastructure and services (PI 2.1.1).

PROJECT MANAGEMENT

Truck Fill Station 200E – The design for the truck fill station has been completed. The Statement of Work will request a base bid for the fill station adjacent to 282E and an optional bid for the fill station 100 feet east of 282E. The Cultural Resources Review has also been completed by DOE and has been returned to MSA for issuance. The review had no findings.

200 Area Master Electrical Study – Studies/planning activities and the development of conceptual documents to implement several of the recommendations from the HNF-50594, 251W (Substation A8) Loading Capacity Study were initiated. Engineering design activities began on conceptual design activities which include replacement/upgrades to the existing 1500 amp Transformer Load Tap Changer to recommended 2000 amp limit, increasing size/quantity of 13.8kV cables between transformer and switchgear breaker to achieve optimum 2000 amp capacity, and evaluating impact of increasing transformer size from 33 MVA to 50 MVA.



Roadway Improvements at 13th and Beloit – Environmental Restoration and Disposal Facility overlay paving has been completed. Streetlights were installed and are ready for connection to the electrical utilities transmission grid.

2719WB Digital X-Ray Installation – Engineering design has been completed. Bids from competing contractors were received, and an approval for contract award is in progress.

3790 Partial Reroof – A construction kick-off meeting was held. The contractor prepared essential submittals for fall protection and asbestos removal work plans.

618-11 Access Road Intersection – The solar light barriers were delivered November 17, 2011. The additional sub-course was laid, leveled and the barriers installed completing the final punch list item. This project is complete.

Fire Station Warning Signals – The poles and signals are in place and were mounted to the reinforced concrete bases with solar panels and batteries installed. The electrical subcontractor installed the communication box and the antenna on the roof. The Energized Work Permit was obtained and approved.

Patrol Training Academy Firing Range Tilt – The contract for design of the project was awarded, and a design kick-off was held on Monday, November 14, 2011. Design efforts were initiated.

LOOK AHEAD

Infrastructure and Services Alignment Plan (ISAP) – Mission Support Alliance and the DOE Richland ISAP team met in preparation for a one-day workshop focused on developing a common strategic and tactical vision for the ISAP. The workshop team will focus on identifying expectations, content, priorities, and developing a path forward to measure success. The workshop is scheduled for January 3, 2012.

MAJOR ISSUES

L-691, Construct Sewer Lagoon in 200W Area – Formal approval of the Engineering Report and design documents have not been received from the State of Washington, Department of Ecology (Ecology) for this project. Construction activities were suspended due to lack of a written approval to proceed. MSA met with Ecology November 30, 2011, and resolved all outstanding comments on the construction documents. Written approval is forthcoming. In addition, MSA received modeling results, and it was determined that a Notice of Construction (NOC) (Air Permit) will be



required prior to recommencing construction. MSA will complete the NOC in December and will request an expedited review from Ecology.

SAFETY PERFORMANCE

No Occupational Safety and Health Administration recordable injuries, first aids, or vehicle accidents were reported for PPI in November, 2011.



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

Fund Type	November 2011					FYTD 2012					
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV	BAC
RL-0020 - Safeguards & Security	\$0.0	\$0.0	\$0.1	\$0.0	(\$0.1)	\$0.0	\$0.0	\$0.1	\$0.0	\$0.0	\$0.3
RL - 40	\$0.8	\$1.2	\$0.7	\$0.4	\$0.5	\$1.2	\$1.2	\$1.3	\$0.0	(\$0.1)	\$7.6
Site-wide Services	\$0.5	\$0.6	\$0.3	\$0.0	\$0.3	\$0.8	\$0.8	\$0.5	\$0.0	\$0.3	\$5.1
Subtotal	\$1.3	\$1.8	\$1.1	\$0.5	\$0.7	\$2.0	\$2.0	\$1.9	\$0.0	\$0.1	\$13.0

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-0020 Variance: Within threshold.

RL-0040 Current Month Cost and Schedule Variance: During the month of November a BCR was processed to align the FY 2012 baseline to the authorized work scope. This resulted in a point adjustment to BCWS and BCWP occurring in the month of November, causing the current month cost and schedule variances to be overstated. In following months, current month data will accurately reflect the status of RL40 projects.

SWS Cost Variance (\$0.3): 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. The 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. MSA will be preparing and submitting a contract change proposal to align the contract baseline with the RL approved scope and associated funding. All other aspects of this account were examined to ensure that there were no other performance issues affecting the data. One issue was found: For November there was a lagging invoice from subcontractors on Condition Assessment Study (\$100K); will be corrected in December.



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MISSION SUPPORT ALLIANCE

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



Safety, Health and Quality

Paul Kruger, Vice President

Monthly Performance Report

November 2011

YOU are at the Intersection of MSA Safety and Environmental Programs

Y Voluntary Protection Program
Integrated Safety Management System

O Environmental Mgmt System
Automated Job Hazard Analysis
Employee Job Task Analysis

U Stop Work Authority
Zero Accident Council

They **DON'T** Work without **YOU!**

2010-10-2016 Rev 0
October 25, 2010



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INTRODUCTION

Safety, Health & Quality (SH&Q) 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 SH&Q 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 SH&Q support services are performed is governed by SH&Q programs, policies and procedures.

Safety, Health & Quality provides safety and health personnel to administer and staff the Safety Advocate Program. This program provides the MSA Service Areas, teaming subcontractors, and construction subcontractors a single point of contact to support implementation of regulatory requirements and the MSA Safety and Health Program. Assigned Safety Advocates ensure MSA completes work safely.

Safety, Health & Quality 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.

KEY ACCOMPLISHMENTS

ISMS and Quality Assurance Effectiveness Review Declaration Submitted – MSA completed and submitted the *Fiscal Year 2011 Annual ISMS and Quality Assurance (QA) Effectiveness Declaration*. The purpose of the report is to determine the effectiveness of the implementation of the ISMS Description and QA Program (QAP) in supporting the safe conduct of quality MSA work, and to identify weaknesses to focus attention on corrective and improvement actions. Included in the submittal is the revised ISM System Description.

MSA Presents at Contractor Assurance Working Group - MSA attended an Energy Facility Contractors Group (EFCOG) joint Working Group session in Las Vegas, Nevada. The Performance Assurance Manager attended the Contractor Assurance Working Group (CAWG) and Feedback & Improvement tracks. MSA completed a benchmarking study presented to the CAWG. The information was determined to be timely and important as the group develops U. S. Department of Energy (DOE)



Headquarters (HQ) Contractor Assurance System (CAS) training materials, and embarks on developing a CAS maturity model. HQ approached MSA and suggested that the MSA scorecard could serve as the basis for this model. MSA has taken the CAS scope (safety, health, quality, environmental, cyber security and safeguards) along with its tools (reporting, lessons learned, issues management, assessments, metrics and worker feedback) and crosswalked the system's attributes with key MSA functional areas to provide monthly system health reports through the CAS presentations. The systems health approach will be documented as an EFCOG best practice.

Draft Report Received from Voluntary Protection Program Review– HQ submitted a draft report from the Mission Support Services (MSS) and Safeguards and Security (SAS) Voluntary Protection Program (VPP) implementation review in late September/early October. As stated in the review team's out-brief, HQ recommended STAR status for MSS and Merit status for SAS. No significant issues were identified from the reported information. Opportunities for improvement (OFIs) were found, some of which are already being resolved. All OFIs will be addressed by June, 2012.

LOOK AHEAD

Safety & Health Exposition - The Safety & Health Exposition (EXPO) Planning Committee met the first week of November 2011, and initiated preparation activities for the 18th Annual EXPO that will be held May 15-16, 2012, at the TRAC Center in Pasco, Washington. MSA is the Executive Sponsor for the event.

MAJOR ISSUES

Performance Assurance Event Investigation Support –Performance Assurance (PA) attended a critique meeting held at the HAMMER Training Facility scheduled to document the facts surrounding an event in which a safety professional was exposed to noise emitted from a flash-bang training device. PA also continues to support the investigation and root cause analysis of the Near-Miss event involving routine maintenance on electronic components located in a siren silo enclosure.

Issues with Site Wide Fall Protection Program - Site Wide Fall Protection Program requirements currently do not allow alternate fall protection methods that are required to build scaffolding. Site Wide Standards, Crane and Rigging, and Industrial Safety are working to resolve the issue with the Site Wide Fall Protection Committee. Additionally, the Senior Management Team will be advised of the issue and the need for a waiver to the program until it can be revised in February, 2012.



SAFETY PERFORMANCE

SH&Q had no recordables during the month of November, 2011.



Table MA-1. Mission Assurance Cost/Schedule Performance (dollars in millions).

Fund Type	November 2011					FY 2012					
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV	BAC
Site-wide Services	1.2	1.2	1.5	0.0	-0.3	2.0	2.0	2.3	0.0	-0.3	11.1
Subtotal	1.2	1.2	1.5	0.0	-0.3	2.0	2.0	2.3	0.0	-0.3	11.1

ACWP = Actual Cost of Work Performed.

CV = cost variance.

BAC = Budget at Completion.

FY = fiscal year.

BCWP = Budgeted Cost of Work Performed.

EAC = Estimate at Completion.

BCWS = Budgeted Cost of Work Scheduled.

SV = schedule variance.

BASELINE PERFORMANCE VARIANCE

Site-wide Services Cost Variance (-0.3K): The unfavorable FY variance is largely due to the additional HAMTC Rep support for the VPP assessments, the stop work at WSCF and the weather station, as well as the organization being more productive than realized hours, labor rates higher than average rates, and labor hours for the planned reduction of force that was scheduled for October, but is not yet completed.

MISSION SUPPORT ALLIANCE

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



Site Infrastructure & Logistics

Michael Wilson, Vice President

Monthly Performance Report

November 2011



Electrical Utilities tests pole mounted transformers for upcoming projects



Fleet troubleshoots repairs on Grove 110 ton crane in the radioactive material area



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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, courier service, facility maintenance services, fleet management & maintenance, long term stewardship, mail service, motor carrier services, traffic management, utilities (electrical, sewer & water) and warehousing (asset controls & 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

Fire Truck Donation - Asset Control facilitated the donation of a government owned fire truck to the Benton County Fire District #4. The fire truck will be servicing the needs of the city of West Richland, WA. Acquisition value of this equipment was \$229,111.00.



Benton County Fire Fighters from District #4 with the newly donated fire truck.

Contract Issued For Support with CHET tool - A contract has been issued to support development and implementation of the Comprehensive Hanford Eligibility Tool (CHET). This tool is designed to integrate inputs from several systems in order to provide Field Work Supervisors (FWS) with a report listing the resources (crafts, operators, HPTs, etc.) who meet the medical and training requirements to perform specific work. CHET will use input from all three major work management systems, including Computerized History and Maintenance Planning Software (CHAMPS) used

by Washington River Protection Solutions, LLC (WRPS), Maximo used by MSA, and Job Control System (JCS) used by both MSA and CH2M Hill Plateau Remediation Company (CHPRC). This system is designed to replace the Hanford Site Worker Eligibility Tool (HSWET) currently used and the Worker Authorization Matrix (WAM) which is housed in the JCS application.

New Patrol facility MO-155 CSB - Water Utilities staff completed the disinfection for the new mobile trailer MO-155 located at Canister Storage Building. All samples have been confirmed as “satisfactory” from the certified lab used. Once all of the paperwork required by the Washington State Department of Health has been turned in, the tie-in to the main water line will be authorized and completed.

4790 Demolition & Destruction - MSA linemen provided outage support for Washington Closure Hanford, LLC (WCH) during demolition activities at 4790. As seen in the pictures below, a plywood structure was built around the 13.8kV transformer for physical protection during the demolition. The outage was established to protect the transformer from electrical hazards. The transformer will remain in place as it is in use feeding other facilities.



Demolition activities at 4790.

Painters complete applying Lock-down At 209-E – SI&L painters completed applying a liquid lock-down material at 209-E in support of facility demolition. SI&L has been providing support to CHPRC to complete this activity for approximately eight months. The painters have made numerous entries into a highly contaminated location and have sprayed hundreds of gallons of lock-down material. This task has been accomplished without any skin contaminations or injuries.



Painters ready to apply a lock-down material to highly contaminated Rad Zone at 209-E in preparation for demolition.

Excavator Move - MSA Motor Carrier Services staff safely and efficiently moved a John Deere PC850 excavator from 284W to 100K in support of CHPRC decontamination and decommissioning (D&D) operations. The Teamsters have proven their knowledge of safely moving such large pieces of equipment while maintaining little impact to site wide traffic.



Preparing and transporting excavator from 284W to 100K.

Cleanup & Down posting of 3.54 Acres in 200 West Area - CHPRC, WRPS, and MSA planned and executed stabilization and down posting of 3.54 acres of the ~10 acre Waste Information Data System (WIDS) Site 200-W-54 in the 200 West Area. This area had been radiologically posted for many years and was problematic to all three Contractors who needed to regularly perform work in this area. Available funds made it possible to clean, stabilize with clean gravel, and down post to Underground Radioactive Material

Area (URMA) this year.



Cooperative cleanup & downposting of 3.54 acres of WIDS site 200-W-54 east of 241-S/SX/SY Tank Farms in the 200 West Area.

Hazardous Chemical Inventory - The Custodial Services organization has developed its draft input for the Hanford Site Tier Two Emergency and Hazardous Chemical Inventory (Tier Two) report. The Tier Two report is comprised of information regarding site-wide inventories of hazardous chemicals, including associated hazards, maximum and average quantities present during the reporting year, and storage locations. The Tier Two report is required by Section 312 of the Emergency Planning and Community Right-To-Know Act, and Title 40, Code of Federal Regulation, Section 370. This was a significant effort that required a complete inventory of all products currently used and stored by the organization in more than 200 Janitor's Closets across the Hanford Site.

Product Recall - As a result of a Product Advisory issued by Asea Brown Boveri (ABB), an electrical equipment contractor, MSA substation electricians worked with factory representatives from ABB to complete the replacement of the tap changer diverters on the two 230 kilovolt transformers at the new A-9 (152KE) substation.



Workers replacing the tap changer diverters on the two 230 kilovolt transformers at the new A-9 (152KE) substation.

Reliability Standards Compliance - MSA Electrical Utilities staff attended the three-day Western Electricity Coordinating Council (WECC) Compliance User Group (CUG) and Critical Infrastructure Protection User Group (CIPUG) meeting. This quarterly program cascades ever-changing policies and requirements derived from mandatory Reliability Standards promulgated by the Energy Policy Act of 2005. Both the regulators and regulated community gather together to discuss ongoing compliance issues, evolving requirements and information designed to support the reliability of the Bulk Electric System. Of particular importance to MSA and its U.S. Department of Energy (DOE) Richland Operations Office (RL) customer is the significance of the Internal Compliance Plan (ICP) and the resulting Culture of Compliance to the regulator.

Switching Support for Pacific Northwest National Laboratory (PNNL) - MSA lineman provided routine switching support for PNNL at the 331 facility. The outage was requested by PNNL so they could perform preventive maintenance activities on their secondary electrical switchgear. In addition, MSA Meter Relay Technicians performed meter upgrades in transformer #1 for PNNL.



Workers performing switching support for PNNL.

Heavy Equipment - Heavy Fleet Maintenance is in the process of installing, repairing and testing granular deicing materials broadcasters for Transportation services. Fleet is also in the final stages of replacing the engine and other minor repairs on a 20 ton Koehring crane that is operated by MSA Crane & Rigging Services. Fleet has staged small miscellaneous generators and pumps for pick-up after completing requested repairs and services from site contractors MSA, WRPS, and CHPRC. Fleet has also been very active winterizing miscellaneous equipment for the cold and wet elements that winter brings.



Fleet removed the travel circle from this CHPRC Volvo Excavator due to hydraulic oil leaks, and rebuilt the engine on the 20 ton Koehring crane.

Land and Facilities Management (L&FM) - A walk down of the 622R Building (the weather station) was conducted on November 15th, 2011, with several L&FM personnel along with the building administrator and a maintenance representative. The building

was being reviewed to identify existing maintenance issues within the structure as a follow-up to a Stop Work order that occurred two weeks ago. The Stop Work was lifted and options are under review.

Far-Field Air Samplers Testing - Maintenance Services began Ground-fault circuit interrupter (GFCI) testing of the "Far-Field" Air Samplers ("Doghouses") located on and off the Hanford Site. As inspections and GFCI testing continues, Maintenance Services is also completing repairs of the pumps when failures occur.



Far-Field Air Samplers.

Insulator Shop Baseline Hazard Assessment - With the help of the Industrial Hygiene group, the Insulator Shop completed its 2011-2012 Baseline Hazard Assessment which is intended to systematically identify and qualitatively assess the potential for occupational exposure of workers to chemical, physical, and biological hazards.

Hanford Site Commute Study - Traffic Management presented an overview of the Hanford Site Commute Alternatives Feasibility Study to the Traffic Demand Committee of the Benton Franklin Council of Governments. The full report is currently in the "approval for public release" review.

Electrical Utilities Unplanned Outage at 222S/2704S - Electrical Utilities Supervisor called out a crew to restore the power at 222S/2704S. The linemen found a burnt primary lead coming from a riser. Linemen worked with Dispatch to develop switching orders, took a clearance, made repairs and completely restored power.



Linemen making repairs to a riser to restore power to 222S/2704S.

Long-Term Stewardship (LTS) -

1. L&FM incorporated the recently approved LTS contract redlines into the LTS Service Delivery Document (SDD J3-46) to begin the update of the Service Delivery Document (SDD). MSA Interface Management is working the SDD update with the Other Hanford Contractors.
2. The Draft Segment 2 Transition and Turnover Package (TTP) was delivered to RL on November 18, 2011, 12 days ahead of the original schedule. A pre-review briefing of the TTP was held on November 4, 2011, for the RL subject matter experts to support an accelerated review cycle.

Roof Inspections - L&FM recently completed a summary of roof inspections report for site-wide facilities. The report is available by clicking on the following link (Roof Inspections) or by accessing the L&FM website at:

<http://msc.rl.gov/rapidweb/Facility/index.cfm?pagenum=28>.

LOOK AHEAD

Hanford Integrated Land Management Program briefing is scheduled in December, 2011, to RL Senior Management.

Export Water study briefing to RL Senior Management is also scheduled in December, 2011.

Fleet Management - As per 41CFR 102-34.340 the General Services Administration (GSA) is planning on implementing two new fleet programs. One is a department/agency fleet information system. Second relates to President Obama's May



24, 2011 memo on federal fleet performance which tasked GSA with a vehicle allocation methodology. Both programs could impose additional scope not previously planned in Fleet Management.

MAJOR ISSUES

No major issues identified.

SAFETY PERFORMANCE

SI&L had two Recordable injuries in the month of November, and experienced two first aid cases during the month. SI&L also experienced one vehicle accident during the month. The first recordable occurred when an employee pinched a finger between two polyurethane drums. The second recordable was due to an employee slipping on a patch of ice and straining his back and leg. The three first aid cases consisted of one employee experiencing arm pain, and one employee receiving an abrasion on the left elbow and right hand from gravel. The vehicle accident was the result of a light plant coming unhitched from the pickup towing it and subsequently coming down on the tailgate of the pickup.



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

Fund Type	November 2011					FYTD 2012					
	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	(\$0.1)	\$0.0	\$0.1	\$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	\$2.0
RL-0044 - B Reactor	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
RL-0100 - Richland Comm & Reg Supt	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Site-wide Services	\$2.7	\$2.7	\$2.9	\$0.0	(\$0.2)	\$4.8	\$4.8	\$5.6	\$0.0	(\$0.8)	\$33.4
Subtotal	\$2.9	\$2.9	\$3.2	\$0.0	(\$0.3)	\$5.1	\$5.1	\$5.8	\$0.0	(\$0.7)	\$35.5

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.

FYTD BASELINE PERFORMANCE VARIANCE

CV (-\$0.3M) – Additional work in the Water Services organization for work on a failed pump at 182B, a 24-in water line break near the Canister Storage Building (CSB), and a fire-line breaker repair, are causing the variances in those associated WBS elements. In addition, the Electrical Utilities organization has been working on removal/disposal of legacy wastes, which was not planned for in this FY, and is causing an overrun in those WBS elements. Finally, the SI&L Program Management account has been overrunning due to the Waste Treatment Plant (WTP) Interface Manager, charging to this account, while a new account was being established. These charges have been corrected and will be reflected in December processing.

FYTD (-\$0.7M) – The FYTD variance is mostly the same as the current month variance explanation, as the repairs and legacy waste work have been on-going since the inception of the fiscal year. In addition, October had additional costs, three months of billings from a third party vendor, for the 100D Water Export study that was conducted. That report has been completed and reviewed with DOE RL.