

MISSION SUPPORT ALLIANCE

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



Monthly Performance Report March 2015

W. K. Johnson
President

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



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CONTENTS

EXECUTIVE OVERVIEW

1.0	INTRODUCTION.....	1
1.1	Key Accomplishments.....	1
2.0	ANALYSIS OF FUNDS.....	5
3.0	SAFETY PERFORMANCE	6
4.0	FORMAT 1, DD FORM 2734/1, WORK BREAKDOWN STRUCTURE	10
5.0	FORMAT 3, DD FORM 2734/3, BASELINE	14
6.0	FORMAT 5, DD FORM 2734/5, EXPLANATIONS AND PROBLEM ANALYSIS	16
7.0	USAGE-BASED SERVICES / DIRECT LABOR ADDER SUMMARY	21
8.0	RELIABILITY PROJECT STATUS	23
9.0	BASELINE CHANGE REQUEST LOG.....	26
10.0	RISK MANAGEMENT	28
11.0	DASHBOARD SUMMARY	29
12.0	CONTRACT DELIVERABLES STATUS	32
12.1	Government-Furnished Services/Information and DOE Decisions	34
13.0	SELF-PERFORMED WORK.....	35

APPENDIX

A	SERVICE AREA SECTIONS.....	A-1
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This list of acronyms is intended as a reference for the reader to provide definitions that are not readily available away from the Hanford Site.

TERMS

AMB	Assistant Manager for Business and Financial Operations
AMMS	Assistant Manager for Mission Support
AMRP	Assistant Manager for River and Plateau
AMSE	Assistant Manager for Safety and Environment
BCR	Baseline Change Request
BO	Business Operations
CHPRC	CH2MHILL Plateau Remediation Company
CTD	Cost-to-Date
CV	Cost Variance
DART	Days Away Restricted Transferred
DLA	Direct Labor Adder
DOE	U.S. Department of Energy
ECOLOGY	State of Washington, Department of Ecology
EM	Office of Environmental Management
ES	Emergency Services
ESH&T	Environment, Safety, Health and Training
FY	Fiscal Year
FYTD	Fiscal Year to Date
HAMMER	Volpentest Hazardous Materials Management and Emergency Response Training and Education Center
HCAB	Hanford Contract Alignment Board
HLAN	Hanford Local Area Network
HQ	Headquarters
HRIP	Hanford Radiological Instrumentation Program
IH	Industrial Hygiene
IPL	Integrated Priority List
ISAP	Infrastructure and Services Alignment Plan
ISMS	Integrated Safety Management System
LMSI	Lockheed Martin Services, Inc.
MSA	Mission Support Alliance, LLC
MSC	Mission Support Contract
NEPA	National Environmental Policy Act
OCCB	Operational Change Control Board



ORP	Office of River Protection
PFM	Portfolio Management
PFP	Plutonium Finishing Plant
PMB	Performance Measurement Baseline
PMTO	Portfolio Management Task Order
PNNL	Pacific Northwest National Laboratory
PO	Presidents Office
POSP	Parent Organization Support Plan
PPE	Personal Protection Equipment
PTA	Patrol Training Academy
RHP	Risk Handling Plan
RL	Richland Operations Office
SAS	Safeguards & Security
SS&IM	Site Services and Interface Management
SV	Scheduled Variance
TRC	Total Recordable Case
UBS	Usage-Based Services
VoIP	Voice over Internet Protocol
VPP	Voluntary Protection Program
WBS	Work Breakdown Structure

1.0 INTRODUCTION

The Executive Overview 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. Unless otherwise noted, all data provided is through March 2015.

1.1 KEY ACCOMPLISHMENTS

MSA Ships Large Non-Regulated Equipment – MSA coordinated the first shipment of large miscellaneous, non-regulated equipment to Chemical Waste Management (CWM) in Arlington, Oregon. MSA offers the safe transport and disposal of large pieces of non-regulated equipment that cannot go to the Environmental Restoration Disposal Facility (EDRF). A MSA environmental compliance officer identified this service gap and subsequently modified the current contract so MSA could accept this type of waste and meet a previously unrecognized customer need.



First shipment of non-regulated equipment

MSA Supports Tank Farm Emission Inspections – MSA supported Washington River Protection Solutions LLC (WRPS) in an inspection conducted by the Washington State Department of Health (WDOH) at the 241-AW tank farm emission units 296-A-46 and 296-A-47. Inspection support included serving as the initial point of contact for regulator notification of the inspection, preparing and issuing the Site wide inspection announcement and entering inspection information into the Regulatory Agency Inspection Database (RAID).

MSA Reduces Physical Records Inventory – MSA assisted WRPS by finding new ways to reduce documents. Originally, 33,588 documents containing more than 57,000 pages were scanned into the Integrated Document Management System (IDMS) as non-record material. Completing the verification effort, which included making corrections as needed to ensure quality and accuracy, enabled the electronic files to be designated “record” material and moved to IDMS Electronic Records. Completing the project

allows the destruction of the hard-copy source documents, reducing the physical records inventory by 19 boxes.

Fiscal Year (FY) 2017 – FY 2021 Budget Formulation – MSA supported RL’s development of strategic planning cases for submittal to the DOE Office of Environmental Management (EM). The planning supports EM’s preparation of FY 2017 through 2021 budget formulation guidance. MSA also supported preparation of the RL FY 2016 – 2017 budget overview for presentation to the regulators and the public. The overviews were prepared and promulgated to receive feedback on cleanup budget priorities.

Volpentest Hazardous Materials Management and Emergency Response Federal Training Center (HAMMER) Hosts Training for Environmental Health Sciences – HAMMER hosted the March training event with the National Institute of Environmental Health Sciences and the National Training Center. Training professionals came from across the United States to tour the HAMMER facility and hear presenters from several DOE sites. Site contractors supported the event by allowing all Hanford worker-trainers to attend.

300 Area Interface Control Document (ICD) Approved – MSA successfully coordinated and gathered all signatures for HNF-58243, *Interface Control Document between Pacific Northwest National Laboratory, Washington Closure Hanford, LLC, and Johnson Controls, Inc., and Mission Support Alliance, LLC for 300 Area Utility Systems and Services, Rev. 1*. This ICD defines specific roles, responsibilities, authorities, and accountabilities for the prime contractors and their subcontractors, regarding utilities, services, and general administration of government-owned land and facilities in the 300 Area.

Radiological Assistance Program (RAP) Region 8 Exercise Held at HAMMER – MSA RAP, Region 8, hosted a 4-day training event at HAMMER. The training was highlighted by a capstone exercise based on a rail-vehicle accident scenario that resulted in the release of mixed fission products from spent reactor fuel. Class participants included representatives from Idaho, Hawaii and Washington states, as well as the Federal Radiological Monitoring and Assessment Center and RAP teams from Lawrence Livermore National Laboratory and Idaho National Laboratory. The exercise was conducted in various locations around the Tri-Cities.



Four-day training event at HAMMER

HAMMER Awarded Voluntary Protection Program (VPP) Flag at PZAC – The HAMMER staff accepted their fifth VPP flag at the Presidents’ Zero Accident Council meeting. HAMMER’s long-standing VPP status is evidence of the staff’s commitment to safety and creating a safety culture across the site.



Staff receiving their fifth VPP flag

Assessment Submitted – MSA submitted the *Biological Assessment for the Installation and Operation of a Uranium Sequestration Groundwater Treatment System near the Columbia River in the 300 Area of the Hanford Site, Benton County, Washington* to DOE along with draft transmittal letters. This biological assessment supports RL’s request, under Section 7 of the *Endangered Species Act (ESA)*, for RL and both the National Marine Fisheries Service and U. S. Fish and Wildlife Service to consult about potential impacts of the project on ESA-listed spring Chinook salmon, steelhead, and bull trout. The assessment concluded that the proposed uranium sequestration groundwater treatment project is not likely to adversely affect either these species or their critical habitat.

MSA Helps Hanford Fire Department (HFD) Identify Chemicals for Excess – MSA’s Environmental Integration Services assisted the HFD by identifying approximately 1,500 lb. of NA-X product that could be excessed and potentially redistributed for other uses through the Excess Program. This will avoid disposal costs for the HFD and procurement costs for others. This product, which is used to suppress sodium fires, was no longer needed. The material is new and unused, and will go through the excess process as procedures dictate.

Hanford Local Area Network (HLAN) Voice over Internet Protocol (VoIP) Migration and Upgrade – MSA Interface Management (IM) successfully upgraded and migrated the VoIP system from a physical to a virtual environment. The migration moved more than 9,000 telephone devices to the new virtual call manager. Migrating and upgrading the new system engages the latest support platform, and positions the Hanford Site for future enhancement capabilities.

Opening of 2015 Hanford Site Public Tours Registration – On March 9, 2015, MSA supported the opening of DOE's online registration for the 2015 Hanford Site Public Tour season. MSA drafted revised information for the 2015 site public tours and

oversaw all updates to the online registration website. Upon opening of the online registration, MSA facilitated questions from members of the public about the tours and will continue to do so throughout the tour season. The 2015 site public tours comprises 40 tours that operate on weekdays, beginning on April 21, 2015 and concluding on August 27, 2015.

385 Diesel Fire Pump Removal and Crating – In March, MSA Water and Sewer Utilities (W&SU) staff, supported by MSA Maintenance crews, completed removal and crating of the 385 Booster Station’s diesel fire pump for shipment offsite. The pump’s removal and crating came one week after a third-party engineering forensics company visited the Site to begin an independent analysis to determine the cause of the pump’s failure. CASE Forensics will be evaluating material quality, system design, fatigue factors, and balancing harmonics, along with any other possibilities which lead to pump failure. The pump will be shipped offsite to complete the evaluations.



Removal of 385 Booster Station’s diesel fire pump

Re-stripped Crosswalks for WRPS – MSA Painters re-stripped 20 crosswalks in the 200 East Area. This was a high priority work activity for WRPS as some of the crosswalks had faded to the point where they could not be seen, creating a safety concern for the employees working in those areas. The issue was in the WRPS safety log book and was being tracked by the WRPS safety committee. The completion of this work resolved the safety concern.



Painters Re-Striping Crosswalks in 200 East Area

2.0 ANALYSIS OF FUNDS

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

Funds Source PBS	Title	DOE Expected Funds	** Funds Received	FYTD Actuals	Remaining Available Funds from Funds Received
1000PD	Richland Program Direction	\$26.6	\$82.2	\$20.1	\$62.1
1000PD (HQ)	DOE-HQ Funding	\$84.0	\$84.7	\$79.1	\$5.6
ORP-0014	Radiological Liquid Tank Waste Stabilization and Disposition Operations	\$15,171.6	\$14,491.6	\$2,556.9	\$11,934.7
RL-0020	Safeguards & Security	\$70,822.5	\$39,551.8	\$30,720.6	\$8,831.2
RL-0030	Soil & Water Remediation – Groundwater Hanford	\$19.2	\$21.6	(\$0.8)	\$22.4
RL-0040	Reliability Projects/ HAMMER/ Inventory	\$10,107.1	\$6,475.9	\$2,990.6	\$3,485.3
RL-0041	B Reactor	\$6,923.1	\$5,965.1	\$895.8	\$5,069.3
SWS	Site-Wide Services	\$185,658.2	\$99,708.3	\$80,482.5	\$19,225.8
Total		\$288,812.3	\$166,381.2	\$117,744.8	\$48,636.4

FYTD = Fiscal Year to Date.

HAMMER = Volpentest HAMMER Training and
Education Center.

PMTO = Portfolio Management Task Order.

EAC = Estimate at Completion.

PBS = Project Baseline Summary.

SWS = Site-Wide Services.

PD = Program Development.

DOE Expected Funds increased by \$1,328.5K, including: TPA support - \$200K (SWS), Pre-Manhattan Tours - \$258K (RL40), and Project L-759, *Akron Road* - \$870.5K (RL14). Also increased by \$514.1K (SWS \$329.9K / RL20 \$184.2K) for definitized Mods, and by \$7,375.2K (ORP14) for Project L-780, *200E 13.8kV Electrical Distribution System Modifications Design*, Per RL guidance received on April 15, 2015. Excludes a reduction of (\$1,795K) for RL20, reduction for Office Supplies and Worker's Compensation of (\$634K) SWS (\$229.2K) and RL20 (\$84.8K), and an increase of \$6.6M for RL40 pending RL Direction.

**Funds received through Contract Mod 452 dated April 9, 2015. Total burn rate for remaining available funds would fund through May 27, 2015.

SWS Burn Rate – through April 28, 2015

RL20 Burn Rate – through May 5, 2015.



3.0 SAFETY PERFORMANCE

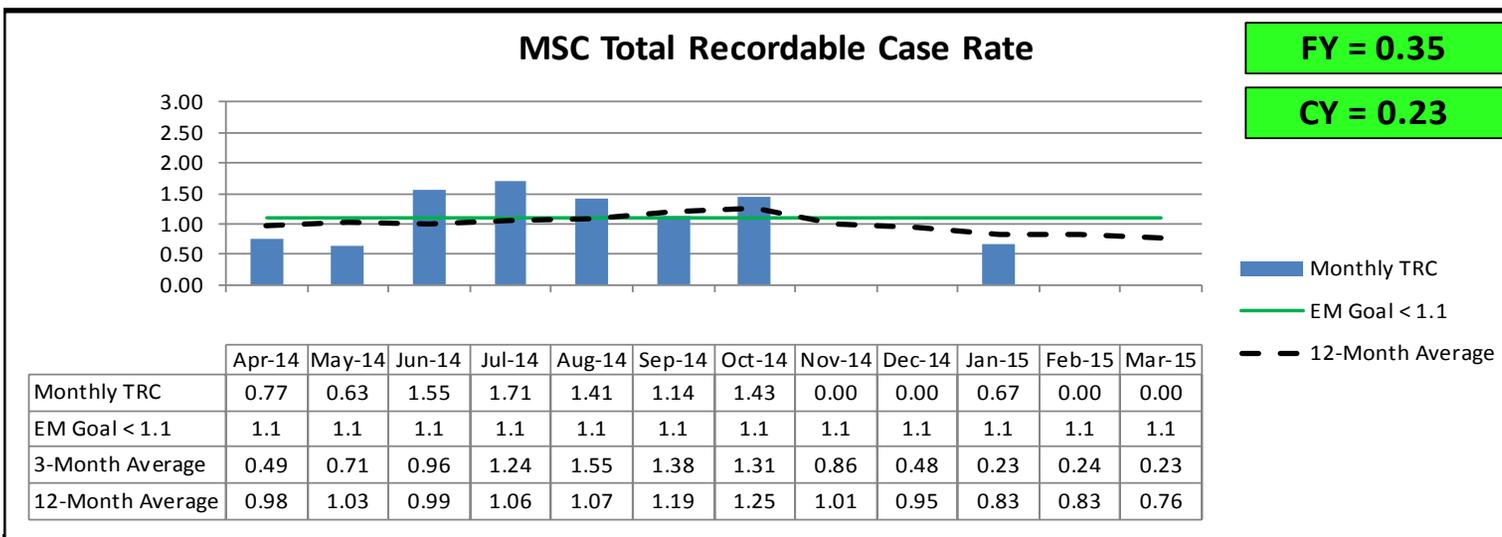
MSA had no injuries classified as “recordable” during the month of March. The fiscal year total recordable case rate (TRC) is now 0.35 and the Days Away, Restricted or Transferred (DART) rate now stands at 0.23. Both rates are well below the EM goal of 1.1 and 0.6, respectively. MSA continues to perform injury prevention actions that focus on hazard identification and the highest level of control practical.

A recent review of the past five years of injury data revealed the highest average of injuries occurred during the third quarter of the fiscal year. This information was shared with management and will be presented at various safety meetings in April. The March Presidents’ Zero Accident Council meeting included a presentation on the importance of situational awareness and how it can greatly reduce or prevent injuries in the workplace. Employees were reminded of the normal routine activities that have resulted in several “walking through life” injuries.

Seasonal changes are being observed and additional tools and communications have been provided to employees, such as distribution of heat stress lanyard cards, issuance of a Weekly Safety Start on high winds, etc. Additionally, a “Stop Work” campaign was initiated by MSA vice presidents that provides guidance on implementation and management’s expectations and support of the stop work policy.



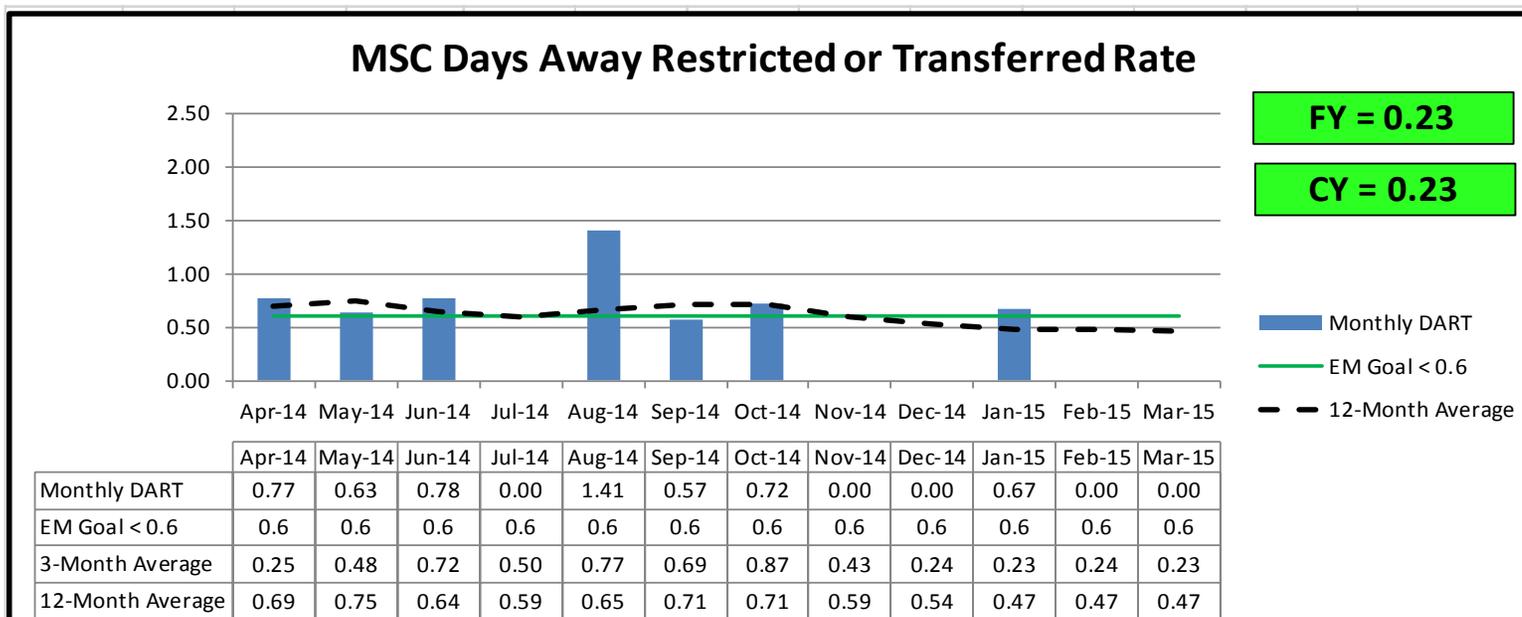
Table 3-1. Total Recordable Case Rate.



Definition	Analysis								
<p>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.</p> <p>DOE/EM Goal for FY 2015 is 1.1</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>YTD Status</th> <th>TRC</th> </tr> </thead> <tbody> <tr> <td style="background-color: #00FF00; text-align: center;">GREEN</td> <td style="text-align: center;">≤ 1.1</td> </tr> <tr> <td style="background-color: #FFD700; text-align: center;">YELLOW</td> <td style="text-align: center;">1.1 ≤ 1.30</td> </tr> <tr> <td style="background-color: #FF0000; text-align: center;">RED</td> <td style="text-align: center;">> 1.30</td> </tr> </tbody> </table>	YTD Status	TRC	GREEN	≤ 1.1	YELLOW	1.1 ≤ 1.30	RED	> 1.30	<p>March: No injuries occurred during the month that were classified 'Recordable'. However, there were two injuries that are still in the classification process and awaiting additional medical information. An employee strained their ankle while walking on an uneven surface and another employee strained their back when lifting a heavy object. The last MSA classified 'Recordable' case was on January 29, 2015.</p> <p>FYTD TRC Cases: 3</p> <p>Types of injuries MSA is experiencing during FY 2015 that have been classified as TRC:</p> <ul style="list-style-type: none"> 2 out of 3 recordable injuries resulted in a sprain or strain 1 caused by a trip, 1 caused by an overexertion, and 1 caused by a laceration 3 different body parts have been affected: finger; ankle; and leg
YTD Status	TRC								
GREEN	≤ 1.1								
YELLOW	1.1 ≤ 1.30								
RED	> 1.30								
<p>Injury Prevention Actions:</p> <ul style="list-style-type: none"> March PZAC included a presentation on the importance of situational awareness and how it can greatly reduce or prevent injuries in the workplace Injury statistics for the past five years were reviewed and communicated at PZAC that the next quarter has a higher average of injuries than other times of the year Seasonal changes are being observed and additional tools and communications provided to employees, such as heat stress lanyard cards, Safety Start on high winds, etc. "Stop Work" presentation delivered to all employees by respective organization's VPs to provide consistent message of management's expectations and support of the stop work procedure 									



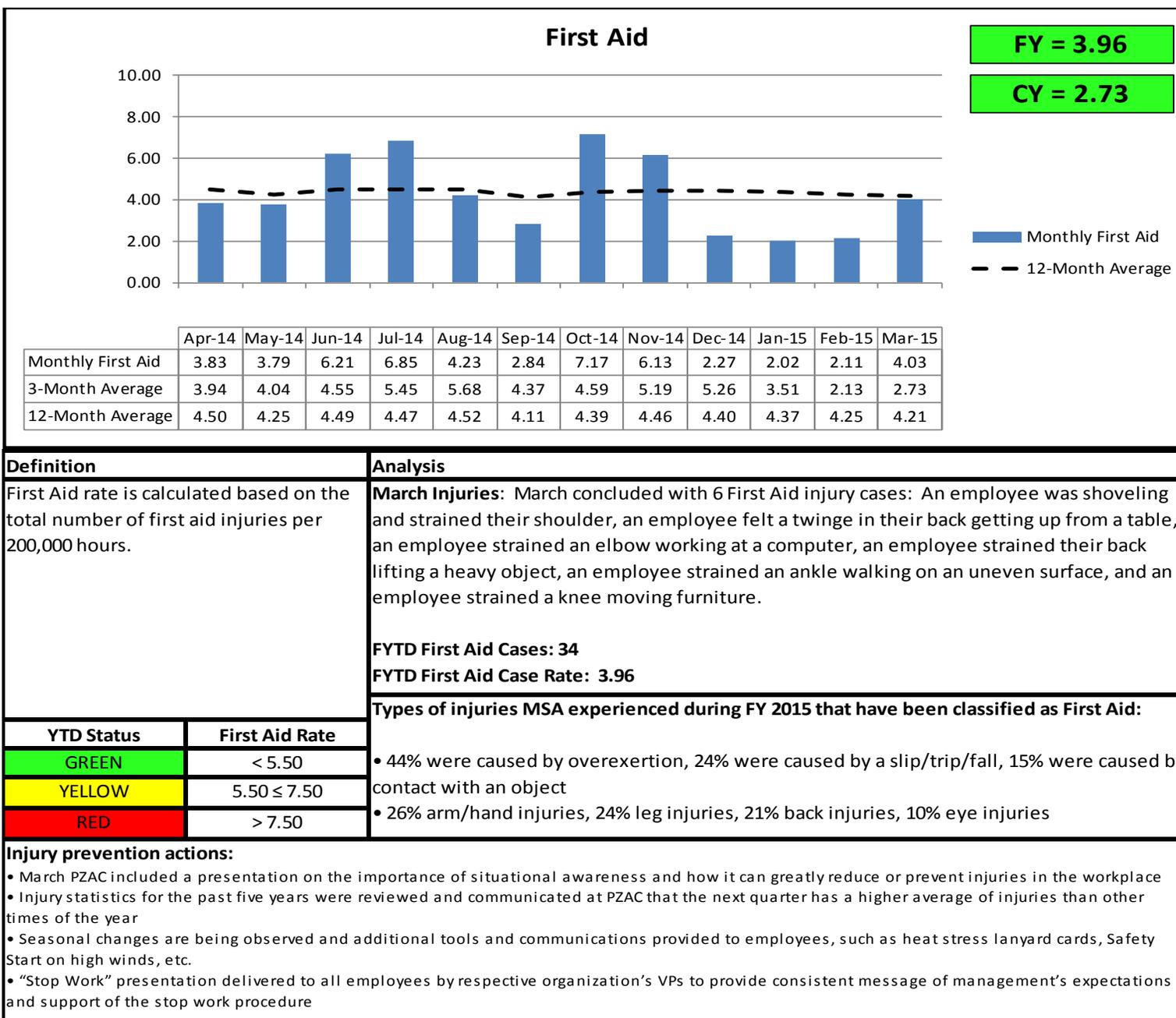
Table 3-2. Days Away, Restricted, Transferred



Definition		Analysis
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.		March: No injuries occurred during the month that were classified DART. However, there were two injuries that are still in the classification process and awaiting additional medical information. An employee strained their ankle while walking on an uneven surface and another employee strained their back when lifting a heavy object. The last MSA classified DART case was on January 29, 2015. 2015 FYTD DART Cases: 2
YTD Status	DART Rate	Types of injuries MSA is experiencing for FY 2015 that have been classified as DART:
GREEN	< 0.60	• 1 caused by trip and 1 caused by overexertion
YELLOW	0.60 ≤ 0.75	• 1 sprained ankle and 1 strained hamstring
RED	> 0.75	
Injury Prevention Actions:		
<ul style="list-style-type: none"> • March PZAC included a presentation on the importance of situational awareness and how it can greatly reduce or prevent injuries in the workplace • Injury statistics for the past five years were reviewed and communicated at PZAC that the next quarter has a higher average of injuries than other times of the year • Seasonal changes are being observed and additional tools and communications provided to employees, such as heat stress lanyard cards, Safety Start on high winds, etc. 		



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 (2015/2/23)						
b. Location (Address and Zip Code) Richland, WA 99352		b. Number RL14728			b. Phase Operations			b. To (2015/3/22)						
c. TYPE CPAF		d. Share Ratio			e. EVMS ACCEPTANCE No X Yes									
5. CONTRACT DATA														
a. QUANTITY N/A	b. NEGOTIATED COST \$3,346,066	c. ESTIMATED COST OF AUTHORIZED UNPRICED WORK \$525	d. TARGET PROFIT/FEE \$208,919	e. TARGET PRICE \$3,554,985	f. ESTIMATED PRICE \$3,676,988	g. CONTRACT CEILING N/A	h. ESTIMATED CONTRACT CEILING N/A	i. DATE OF OTB/OTS N/A						
6. ESTIMATED COST AT COMPLETION					7. AUTHORIZED CONTRACTOR REPRESENTATIVE									
					CONTRACT BUDGET BASE (2)		VARIANCE (3)		a. NAME (Last, First, Middle Initial) Johnson, William K		b. TITLE MSC Project Manager			
a. BEST CASE \$3,346,591										c. SIGNATURE <i>[Signature]</i>		d. DATE SIGNED 4-23-15		
b. WORST CASE \$3,641,473														
c. MOST LIKELY \$3,468,069					3,346,591		(121,478)							
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	3,873	3,873	4,775	0	(902)	316,623	316,623	331,129	0	(14,506)	528,770	550,581	(21,811)	
3001.01.02 - Fire and Emergency Response	1,438	1,438	1,861	0	(423)	109,458	109,458	119,076	(0)	(9,618)	182,964	196,260	(13,296)	
3001.01.03 - Emergency Management	421	421	362	0	58	29,141	29,141	26,018	0	3,123	52,205	48,815	3,391	
3001.01.04 - HAMMER	272	272	479	0	(207)	37,778	37,778	41,688	(0)	(3,911)	50,192	56,147	(5,955)	
3001.01.05 - Emergency Services & Training Management	43	43	121	0	(78)	4,446	4,446	5,033	(0)	(588)	6,841	7,572	(731)	
3001.02.01 - Site-Wide Safety Standards	26	26	36	0	(10)	4,109	4,109	4,385	(0)	(276)	5,537	5,954	(417)	
3001.02.02 - Environmental Integration	329	329	321	0	8	39,041	39,041	35,048	0	3,992	56,386	52,487	3,899	
3001.02.03 - Public Safety & Resource Protection	(3,929)	(3,929)	577	0	(4,506)	34,315	34,315	32,801	0	1,514	80,869	77,638	3,232	
3001.02.04 - Radiological Site Services	(32)	(32)	117	0	(149)	3,848	3,848	4,339	0	(491)	3,827	4,469	(641)	
3001.02.05 - WSCF Analytical Services	5,779	5,779	9	(0)	5,769	48,151	48,151	50,397	(0)	(2,245)	51,949	53,787	(1,838)	
3001.03.01 - IM Project Planning & Controls	280	280	167	0	113	25,521	25,521	24,230	0	1,291	41,043	39,040	2,003	
3001.03.02 - Information Systems	940	940	699	0	241	74,411	74,411	73,221	(0)	1,191	123,394	123,064	330	
3001.03.03 - Infrastructure / Cyber Security	279	279	314	0	(35)	20,008	20,008	23,567	(0)	(3,559)	35,386	39,453	(4,067)	
3001.03.04 - Content & Records Management	564	564	422	0	142	44,723	44,723	41,629	0	3,093	75,396	72,093	3,302	
3001.03.05 - IR/CM Management	24	24	196	0	(172)	3,236	3,236	4,983	0	(1,746)	4,584	7,929	(3,345)	
3001.03.06 - Information Support Services	144	144	100	0	45	9,495	9,495	7,934	0	1,561	17,499	15,637	1,862	
3001.04.01 - Roads and Grounds Services	222	222	215	0	8	15,728	15,728	13,812	0	1,915	28,038	25,971	2,067	
3001.04.02 - Biological Services	257	257	340	0	(83)	19,432	19,432	19,417	0	14	33,637	34,384	(747)	
3001.04.03 - Electrical Services	679	679	867	0	(189)	41,067	41,067	53,452	0	(12,385)	67,004	84,426	(17,422)	
3001.04.04 - Water/Sewer Services	609	609	1,231	0	(623)	34,107	34,107	47,444	(0)	(13,337)	63,900	83,949	(20,049)	
3001.04.05 - Facility Services	0	0	0	(0)	0	7,909	7,909	7,900	0	9	7,909	7,950	(40)	
3001.04.06 - Transportation	0	0	35	0	(35)	7,974	7,974	9,257	0	(1,282)	7,974	9,430	(1,455)	



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

CONTRACT PERFORMANCE REPORT												DOLLARS IN Thousands			FORM APPROVED OMB No. 0704-0188	
FORMAT 1 - WORK BREAKDOWN STRUCTURE																
1. Contractor		2. Contract			3. Program			4. Report Period								
a. Name		a. Name			a. Name			a. From (2015/2/23)								
Mission Support Alliance		Mission Support Contract			Mission Support Contract											
b. Location (Address and Zip Code)		b. Number			b. Phase			b. To (2015/3/22)								
Richland, WA 99352		RL14728			Operations											
c. TYPE		d. Share Ratio			c. EVMS ACCEPTANCE											
CPAF					No X Yes											
Item (1)	Current Period						Cumulative to Date					At Completion				
	Budgeted Cost		Actual Cost	Variance		Budgeted Cost		Actual Cost	Variance		Budgeted (12)	Estimated (13)	Variance (14)			
	Work Schedule d (2)	Work Performed (3)	Work Performed (4)	Schedule (5)	Cost (6)	Work Scheduled (7)	Work Performed (8)	Cost Work Performed (9)	Schedule (10)	Cost (11)						
a. WORK BREAKDOWN STRUCTURE ELEMENT (Cont'd)																
3001.04.07 - Fleet Services	45	45	58	-	(13)	6,033	6,033	6,228	0	(195)	8,538	8,778	(239)			
3001.04.08 - Crane and Rigging	-	-	-	-	-	2,187	2,187	2,187	(0)	(0)	2,187	2,187	(0)			
3001.04.09 - Railroad Services	-	-	-	-	-	370	370	370	(0)	(1)	370	370	(1)			
3001.04.10 - Technical Services	238	238	392	-	(154)	26,650	26,650	27,755	0	(1,106)	39,725	42,988	(3,263)			
3001.04.11 - Energy Management	274	274	223	-	52	8,232	8,232	4,723	(0)	3,509	21,312	17,022	4,290			
3001.04.12 - Hanford Historic Buildings Preservation	164	164	122	-	42	13,890	13,879	13,705	(11)	174	19,701	19,641	60			
3001.04.13 - Work Management	79	79	145	-	(66)	7,104	7,104	8,443	(0)	(1,339)	11,447	13,284	(1,837)			
3001.04.14 - Land and Facilities Management	592	592	488	-	104	24,528	24,528	22,666	(0)	1,862	46,153	44,985	1,168			
3001.04.15 - Mail & Courier	96	96	48	-	48	5,581	5,581	4,251	(0)	1,329	10,813	9,196	1,616			
3001.04.16 - Property Systems/Acquisitons	438	438	469	-	(30)	29,911	29,911	31,164	0	(1,253)	53,788	55,478	(1,690)			
3001.04.17 - General Supplies Inventory	10	10	18	-	(8)	1,980	1,980	1,331	0	649	2,548	1,861	688			
3001.04.18 - Maintenance Management Program Implementa	201	201	191	-	10	3,130	3,130	2,609	0	521	11,926	11,730	197			
3001.06.01 - Business Operations	271	271	409	-	(137)	27,981	27,981	31,525	0	(3,544)	42,876	47,511	(4,635)			
3001.06.02 - Human Resources	190	190	210	-	(20)	12,840	12,840	12,851	(0)	(11)	23,416	23,792	(376)			
3001.06.03 - Safety, Health & Quality	871	871	1,427	-	(556)	84,803	84,803	100,009	(0)	(15,206)	132,330	151,249	(18,919)			
3001.06.04 - Miscellaneous Support	532	532	247	-	285	35,975	35,975	29,149	(0)	6,826	65,542	57,893	7,649			
3001.06.05 - Presidents Office (G&A nonPMB)	-	-	-	-	-	16	16	16	0	0	16	16	0			
3001.06.06 - Strategy	-	-	-	-	-	959	959	2,529	0	(1,570)	959	2,529	(1,570)			
3001.07.01 - Portfolio Management	491	491	488	-	3	41,665	41,665	40,552	(0)	1,112	66,892	66,011	881			
3001.08.01 - Water System	-	-	-	-	-	11,940	11,940	4,508	0	7,432	16,964	9,703	7,261			
3001.08.02 - Sewer System	-	-	-	-	-	5,301	5,301	8,501	0	(3,199)	5,301	8,501	(3,199)			
3001.08.03 - Electrical System	125	58	241	(67)	(183)	3,203	3,310	5,921	107	(2,612)	6,348	9,203	(2,856)			
3001.08.04 - Roads and Grounds	-	-	-	-	-	2,031	2,031	2,048	(0)	(17)	10,901	10,918	(17)			
3001.08.05 - Facility System	-	0	6	0	(6)	5,611	5,611	5,653	(0)	(42)	7,172	7,214	(42)			
3001.08.06 - Reliability Projects Studies & Estimates	-	-	-	-	-	2,813	2,813	4,433	(0)	(1,620)	2,813	4,433	(1,620)			
3001.08.07 - Reliability Project Spare Parts Inventory	-	-	-	-	-	86	86	2,334	0	(2,248)	86	2,334	(2,248)			
3001.08.08 - Network & Telecommunications System	33	64	27	30	36	8,672	8,605	13,660	(67)	(5,054)	8,768	13,884	(5,116)			
3001.08.09 - Capital Equipment Not Related to Construction	280	-	-	(280)	-	8,207	7,927	8,588	(280)	(661)	12,239	12,898	(659)			
3001.08.10 - WSCF - Projects	-	-	-	-	-	979	979	810	0	169	979	810	169			
3001.08.11 - Support of Infrastructure Interface to ORP	-	-	-	-	-	965	965	725	0	240	965	725	240			
3001.08.12 - Reliability Projects Out Year Planning	-	-	-	-	-	-	-	-	0	0	121,778	121,778	0			
3001.90.04 - MSA Transition	-	-	-	-	-	5,868	5,868	5,868	0	0	5,868	5,868	0			
3001.B1.06 - Projects	-	-	-	-	-	(0)	(0)	-	(0)	(0)	(0)	-	(0)			
b. COST OF MONEY																
c. GENERAL AND ADMINISTRATIVE																
d. UNDISTRIBUTED BUDGET																
											1,317	1,317				
e. SUBTOTAL (Performance Measurement Baseline)																
17,149	16,832	18,453	(317)	(1,622)	1,320,034	1,319,782	1,381,872	(252)	(62,091)	2,287,341	2,381,824	(94,482)				



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

CONTRACT PERFORMANCE REPORT												DOLLARS IN Thousands			FORM APPROVED OMB No. 0704-0188		
FORMAT 1 - WORK BREAKDOWN STRUCTURE																	
1. Contractor		2. Contract				3. Program				4. Report Period							
a. Name		a. Name				a. Name				a. From (2015/2/23)							
Mission Support Alliance		Mission Support Contract				Mission Support Contract											
b. Location (Address and Zip Code)		b. Number				b. Phase				b. To (2015/3/22)							
Richland, WA 99352		RL14728				Operations											
c. TYPE		d. Share Ratio				c. EVMS ACCEPTANCE											
CPAF						No X Yes											
Item (1)	Current Period						Cumulative to Date					At Completion					
	Budgeted Cost		Actual Cost Work Performed (4)	Variance		Budgeted Cost		Actual Cost Work Performed (9)	Variance		Budgeted (12)	Estimated (13)	Variance (14)				
	Work Schedule d (2)	Work Performed (3)		Schedul e (5)	Cost (6)	Work Scheduled (7)	Work Performed (8)		Schedul e (10)	Cost (11)							
a2. WORK BREAKDOWN STRUCTURE ELEMENT																	
3001.01.04 - HAMMER	871	871	1,189	-	(319)	79,580	79,580	76,786	0	2,794	119,165	117,980	1,185				
3001.02.04 - Radiological Site Services	1,006	1,006	876	-	129	35,034	35,034	25,441	0	9,593	87,635	75,671	11,964				
3001.02.05 - WSCF Analytical Services	889	889	-	-	889	62,938	62,938	53,176	0	9,762	113,653	97,985	15,669				
3001.03.06 - Information Support Services	-	-	-	-	-	4,726	4,726	4,043	(0)	683	4,726	4,043	683				
3001.04.05 - Facility Services	522	522	839	-	(317)	35,015	35,015	37,151	0	(2,135)	63,248	66,710	(3,462)				
3001.04.06 - Transportation	137	137	378	-	(241)	16,682	16,682	24,439	0	(7,756)	24,049	33,897	(9,848)				
3001.04.07 - Fleet Services	592	592	990	-	(398)	69,482	69,482	78,393	0	(8,912)	101,669	112,579	(10,910)				
3001.04.08 - Crane and Rigging	733	733	993	-	(260)	63,718	63,718	67,516	0	(3,798)	103,999	109,305	(5,306)				
3001.04.13 - Work Management	-	-	57	-	(57)	595	595	1,827	0	(1,232)	595	2,145	(1,551)				
3001.04.14 - Land and Facilities Management	549	549	447	-	102	35,337	35,337	33,959	(0)	1,377	65,045	63,212	1,833				
3001.04.15 - Mail & Courier	16	16	18	-	(2)	674	674	730	0	(56)	1,541	1,629	(88)				
3001.06.01 - Business Operations	709	709	672	(0)	38	62,358	62,358	68,060	(0)	(5,703)	100,314	107,342	(7,028)				
3001.06.02 - Human Resources	134	134	260	(0)	(126)	12,717	12,717	15,057	(0)	(2,340)	19,883	23,175	(3,292)				
3001.06.03 - Safety, Health & Quality	143	143	84	(0)	59	8,761	8,761	7,500	(0)	1,261	16,640	15,026	1,614				
3001.06.04 - Miscellaneous Support	66	66	125	(0)	(58)	7,546	7,546	8,719	(0)	(1,172)	11,147	12,675	(1,528)				
3001.06.05 - Presidents Office (G&A nonPMB)	285	285	300	(0)	(15)	16,761	16,761	13,747	(0)	3,014	31,822	28,556	3,266				
3001.06.06 - Strategy	20	20	17	-	3	2,294	2,294	2,055	(0)	239	3,388	3,146	242				
3001.A1.01 - Transfer - CHPRC	5,564	5,564	3,967	-	1,597	457,241	457,241	419,786	0	37,455	743,203	697,867	45,336				
3001.A1.02 - Transfer - WRPS	1,140	1,140	3,068	-	(1,928)	92,051	92,051	115,458	0	(23,407)	149,969	182,842	(32,873)				
3001.A1.03 - Transfers - FH Closeout	0	0	1	-	(0)	169	169	174	0	(6)	183	191	(8)				
3001.A1.04 - Transfers - CHG Closeout	-	-	-	-	-	12	12	13	0	(0)	12	13	(0)				
3001.A2.01 - Non Transfer - BNI	-	-	7	-	(7)	1,188	1,188	2,519	0	(1,331)	1,188	2,594	(1,406)				
3001.A2.02 - Non Transfer - AMH	12	12	-	-	12	1,314	1,314	954	(0)	360	1,912	1,480	433				
3001.A2.03 - Non Transfer - ATL	16	16	6	-	10	741	741	615	0	126	1,541	1,389	152				
3001.A2.04 - Non-Transfer - WCH	311	311	232	-	78	33,161	33,161	37,352	0	(4,191)	48,496	52,968	(4,472)				
3001.A2.05 - Non-Transfers - HPM	-	-	47	-	(47)	-	-	754	0	(754)	-	1,054	(1,054)				
3001.A2.06 - Non-Transfers - BNI Corp	-	-	-	-	-	-	-	1	0	(1)	-	2	(2)				
3001.A4.01 - Request for Services	413	413	815	-	(401)	59,179	59,179	80,243	0	(21,064)	78,520	103,350	(24,830)				
3001.A4.02 - HAMMER RFSS	3	3	510	-	(507)	7,004	7,004	17,430	0	(10,426)	7,149	20,608	(13,459)				
3001.A4.03 - National Guard RFSS	0	0	-	-	0	1,599	1,599	1,550	0	49	1,605	1,555	50				
3001.A4.04 - PNNL RFSS	19	19	21	-	(2)	6,413	6,413	9,087	(0)	(2,674)	7,284	10,129	(2,846)				
3001.A5.01 - RL PD	49	49	118	-	(69)	1,636	1,636	3,744	0	(2,108)	4,324	6,858	(2,534)				
3001.A5.02 - ORP PD	-	-	227	-	(227)	-	-	4,755	0	(4,755)	-	6,155	(6,155)				
3001.A7.01 - G&A Liquidations	(1,367)	(1,367)	(1,704)	0	337	(111,084)	(111,084)	(116,960)	0	5,876	(184,769)	(192,732)	7,963				
3001.A7.02 - DLA Liquidations	(669)	(669)	(1,114)	0	444	(51,636)	(51,636)	(60,544)	0	8,908	(87,604)	(99,926)	12,322				
3001.A7.03 - Variable Pools Revenue	(4,646)	(4,646)	(4,289)	0	(358)	(351,563)	(351,563)	(342,447)	0	(9,117)	(597,254)	(585,312)	(11,942)				
3001.B1.01 - UBS Assessments for Other Providers	2	2	-	-	2	69	69	-	0	69	184	-	184				
3001.B1.02 - UBS Other MSC - HAMMER M&O	10	10	-	-	10	311	311	-	(0)	311	843	-	843				
3001.B1.03 - Assessment for Other Provided Services	106	106	-	-	106	3,128	3,128	-	(0)	3,128	8,612	-	8,612				
3001.B1.04 - Assessment for PRC Services to MSC	59	59	-	-	59	1,935	1,935	-	(0)	1,935	4,977	-	4,977				
3001.B1.07 - Request for Services	1	1	-	-	1	235	235	-	(0)	235	274	-	274				



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

CONTRACT PERFORMANCE REPORT											DOLLARS IN Thousands			FORM APPROVED OMB No. 0704-0188		
FORMAT 1 - WORK BREAKDOWN STRUCTURE																
1. Contractor		2. Contract			3. Program			4. Report Period								
a. Name		a. Name			a. Name			a. From (2015/2/23)								
b. Location (Address and Zip Code)		b. Number			b. Phase			b. To (2015/3/22)								
c. TYPE		d. Share Ratio			c. EVMS ACCEPTANCE											
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 Schedule d (2)	Work Performed (3)		Schedul e (5)	Cost (6)	Work Scheduled (7)	Work Performed (8)		Schedul e (10)	Cost (11)						
a2. WORK BREAKDOWN STRUCTURE ELEMENT																
b2. COST OF MONEY																
c2. GENERAL AND ADMINISTRATIVE																
d2. UNDISTRIBUTED BUDGET												0		0		
e2. SUBTOTAL (Non - Performance Measurement Baseline)	7,690	7,690	9,155	(0)	(1,465)	667,320	667,320	693,085	0	(25,766)	1,059,168	1,086,163	(26,995)			
f. MANAGEMENT RESERVE											83	83		0		
g. TOTAL	24,838	24,521	27,608	(317)	(3,087)	1,987,353	1,987,101	2,074,958	(252)	(87,856)	3,346,591	3,468,069	(121,478)			
9. RECONCILIATION TO CONTRACT BUDGET BASE																
a. VARIANCE ADJUSTMENT																
b. TOTAL CONTRACT VARIANCE																



5.0 FORMAT 3, DD FORM 2734/3, BASELINE

Table 5-1. 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 (2015/2/23)						
b. Location (Address and Zip Code) Richland, WA 99352			b. Number RL14728				b. Phase Operations				b. To (2015/3/22)						
c. TYPE CPAF			d. Share Ratio				c. EVMS ACCEPTANCE No X Yes										
5. CONTRACT DATA																	
a. ORIGINAL NEGOTIATED COST \$2,854,966				b. NEGOTIATED CONTRACT CHANGES \$491,100		c. CURRENT NEGOTIATED COST (a+b) \$3,346,066		d. ESTIMATED COST OF UNAUTHORIZED UNPRICED WORK \$525			e. CONTRACT BUDGET BASE (C+D) \$3,346,591		f. TOTAL ALLOCATED BUDGET \$3,346,591		g. DIFFERENCE (E - F) \$0		
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 (15)	TOTAL BUDGET (16)
			Six Month Forecast By Month														
			Apr-15 (4)	May-15 (5)	June FY15 (6)	July FY15 (7)	Aug FY15 (8)	Sept FY15 (9)	Oct FY16 (10)	Remaining FY 16 (11)	FY 17 (12)	FY 18 (13)	FY 19 (14)				
a. PERFORMANCE MEASUREMENT BASELINE (Beginning of Period)	1,302,885	16,048	18,209	16,793	15,299	18,234	16,771	20,699	11,650	305,530	202,036	208,715	134,635	(6,278)	2,281,226		
b. BASELINE CHANGES AUTHORIZED DURING REPORT PERIOD	17,149	(16,048)	138	150	148	203	260	273	(1,423)	(894)	(1,500)	38	27	7,595	6,115		
a. PERFORMANCE MEASUREMENT BASELINE (End of Period)	1,320,034		18,348	16,942	15,448	18,437	17,031	20,972	10,227	304,637	200,536	208,753	134,661	1,317	2,287,341		



Table 5-1, cont. Format 3, DD Form 2734/3, Baseline.

DOLLARS IN Thousands															FORM APPROVED OMB No. 0704-0188	
1. Contractor		2. Contract			3. Program				4. Report Period							
a. Name Mission Support Alliance		a. Name Mission Support Contract			a. Name Mission Support Contract				a. From (2015/2/23)							
b. Location (Address and Zip Code) Richland, WA 99352		b. Number RL14728			b. Phase Operations				b. To (2015/3/22)							
c. TYPE CPAF		d. Share Ratio			c. EVMS ACCEPTANCE No X Yes											
6. PERFORMANCE DATA																
ITEM	BCWS CUMULATIVE TO DATE (2)	BCWS FOR REPORT PERIOD (3)	BUDGETED COST FOR WORK SCHEDULED (BCWS) (Non-Cumulative)											UNDISTRIBUTED BUDGET (15)	TOTAL BUDGET (16)	
			Six Month Forecast By Month													
			Apr-15 (4)	May-15 (5)	June FY15 (6)	July FY15 (7)	Aug FY15 (8)	Sept FY15 (9)	Oct FY16 (10)	Remaining FY 16 (11)	FY 17 (12)	FY 18 (13)	FY 19 (14)			
a2. NON - PERFORMANCE MEASUREMENT BASELINE (Beginning of Period)	659,630	7,690	8,381	7,466	7,364	8,401	7,421	8,741	6,986	88,136	93,510	92,834	62,608		1,059,168	
b2. BASELINE CHANGES AUTHORIZED DURING REPORT PERIOD	7,690	(7,690)	0	0	0	0	0	0	0	0	0	0	0	0	0	
a2. NON - PERFORMANCE MEASUREMENT BASELINE (End of Period)	667,320		8,381	7,466	7,364	8,401	7,421	8,741	6,986	88,136	93,510	92,834	62,608		1,059,168	
7. MANAGEMENT RESERVE															83	
8. TOTAL	1,987,353		26,729	24,408	22,811	26,838	24,452	29,713	17,213	392,773	294,046	301,587	197,269	1,317	3,346,591	



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

Table 6-1. Format 5, DD Form 2734/5, Explanations and Problem Analysis.

Contract Performance Report Format 5			
1. Contractor	2. Contract	3. Program	4. Report Period
a. Name Mission Support Alliance	a. Name Mission Support Contract	a. Name Mission Support Contract	a. From (2015/2/23)
b. Location (Address and Zip Code) Richland, WA 99352	b. Number RL14728	b. Phase Operations	b. To (2015/3/22)
	c. Type CPAF	d. Share Ratio	
5. Evaluation			
<p>Explanation of Variance / Description of Problem:</p> <p>Current Month Cost Variance:</p> <p>3001.01.01 Safeguards and Security - The primary driver for the negative cost variance is due to implementation of the Graded Security Policy, which was subsequent to the MSA baseline proposal and implementation.</p> <p>3001.01.02 Fire and Emergency Response - The primary driver for the negative cost variance is due to a baseline budgeting omission for platoon shift hours in the Hanford Fire Department (HFD). This activity is working to RL-directed contract baseline re-alignment guidance that provides for a higher spending target than the baseline; no mitigating actions are in place at this time to reduce the overall cost overrun.</p> <p>3001.01.04 HAMMER – The current month unfavorable variance is due to a steady level of effort required to support the HAMMER operation while the baseline has decreased over the period of performance due to the planned outsourcing of HAMMER scope to other commercial agencies.</p> <p>3001.02.03 Public Safety & Resource Protection – The unfavorable current month variance is due to incorporating the negotiated FY2015-2017 PSRP during March, with the FY2014-2015 credit being entered as a current month entry (point adjustment).</p> <p>3001.02.05 WSCF Analytical Services - The current month variance is due to incorporating the Waste Sampling and Characterization Facility (WSCF) FY 2014 cost variance proposal as a current moth entry (point adjustment).</p> <p>3001.04.04 Water/Sewer Services – Staffing levels are currently higher than the baseline due to the maintenance activities required to keep the water and sewer distribution system maintained. The system has degraded across the site due to age. Water & Sewer Utilities (W&SU) is also part of the Enhanced Maintenance Program, and has compliance issues that have increased the cost to the program. W&SU is significantly divergent from the baseline.</p>			



Table 6-1, 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 (2015/2/23)
b. Location (Address and Zip Code) Richland, WA 99352	b. Number		b. Phase	b. To (2015/3/22)
	c. Type	d. Share Ratio	c. EVMS Acceptance	

3001.06.03 Safety, Health, and Quality - The unfavorable current month variance is primarily due to the approved IPL funding and work scope increases in the Radiation Protection, Worker Safety and Health, and Beryllium accounts. The approved IPL funding and work scope continue at a higher level of support than the contract baseline assumed.

3001.A1 – 3001.B1 Non-PMB – The unfavorable cost variance is primarily due to RL approved funding and priority scope being divergent from the baseline for Request for Service (RFS) and Inter-Contractor Work Order (ICWO) activities.

Impacts – Current Month Cost Variance:
The current month cost variance is primarily due to the RL approved funding and priority list scope being divergent from the FY 2015 baseline. Due to the work scope primarily being level of effort, the current month cost variance is not necessarily indicative of performance as work is performed based upon the RL approved funding and priority list scope.

Corrective Action – Current Month Cost Variance:
For FY 2015, MSA will continue to monitor the delta values between the contract baseline and RL funding values to determine if change proposals are warranted. Until then, the divergent data will continue.

Cumulative Cost Variance:
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 FY 2012. RL provided approval of the baseline data for reporting progress and also provided an approved and funded priority list of items for MSA work scope. The contract to date variance is primarily due to the RL approved funding and priority list scope being divergent from the baseline for FY 2013, FY 2014, and FY 2015.

After the original submittal of the FPR, it was determined that the MSA had incorrectly factored the cost of the Hanford Site Pension Plan (HSPP) and the Hanford Employee Welfare Trust (HEWT) into the labor rates. This was disclosed to the MSA in the Source Selection Evaluations Board’s (SEB) Debrief of the Mission Support Contract (MSC) in May 2009. MSA received contract modifications associated with pension cost and labor adder adjustments for FY 2009 through FY 2013 which increased the contract value. The FY 2014 pension and labor adder proposal was negotiated and will be incorporated in April 2015. At the request of RL, the labor and pension proposals are submitted annually at fiscal year-end. The FY 2015 variances associated with labor and pension will continue to grow during the fiscal year.



Table 6-1, 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 (2015/2/23)
b. Location (Address and Zip Code) Richland, WA 99352	b. Number		b. Phase	b. To (2015/3/22)
	c. Type	d. Share Ratio	c. EVMS Acceptance	
<p>Impacts - Cumulative Cost Variance: The contract to date cost variance is primarily due to the approved funding and priority list scope being divergent from the baseline during FY 2013 – FY 2015. Because the work scope is primarily level of effort, the cumulative cost variance is not a predictive indicator for future performance. The amount of support provided in the future will be dependent upon the RL approved funding and priority list scope.</p> <p>Corrective Action - Cumulative Cost Variance: For FY 2009 – FY 2012, MSA has incorporated negotiated contract variance proposals into the contract baseline. For FY 2013 through FY 2015, MSA will continue to monitor the delta values between the contract baseline and RL funding values to determine if change proposals are warranted. Until then, the divergent data will continue.</p> <p>Cumulative Schedule Variance: Cumulative schedule variance is within threshold.</p> <p>Impacts - Cumulative Schedule Variance: None</p> <p>Corrective Action - Cumulative Schedule Variance: None</p> <p>Negotiated Contract Changes: This reporting period the Negotiated Contract Cost increased by \$6.16M from \$3,339.9M to \$3,346.1M for March 2015. This increase is due to implementation of three Baseline Change Requests in March 2015 including: VSWS-15-013 Rev 1, "Mod 439 Definitization of PSRP FY 2014-2017 Variance Proposal" for \$0.5M, and VSWS-15-015 Rev 1, Mod 438 - Definitization of Long Term Stewardship 105C, 105D, 105DR, 105H, and 105N/109N Safe Storage Enclosures Surveillance and Maintenance Workscope for (\$0.04M), VSWS-15-016, Mod 441 - Definitization of FY 2014 Waste Sampling and Characterization Facility Cost Variance Proposal - for \$5.7M.</p> <p>Changes in Estimated Cost of Authorized / Unpriced Work: There were no changes to Authorized Unpriced Work for March.</p>				



Table 6-1, 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 (2015/2/23)
b. Location (Address and Zip Code) Richland, WA 99352	b. Number		b. Phase	b. To (2015/3/22)
	c. Type	d. Share Ratio	c. EVMS Acceptance	
<p>Changes in Estimated Price: The Estimated Price of \$3,677.0M is based on the Most Likely Management EAC (MEAC) of \$3,468.1M and fee of \$208.9M. The Most Likely MEAC reflects recognition of significant additional work scope in FY 2009 through FY 2011 related to <i>American Recovery and Reinvestment Act of 2009</i> (ARRA) support activities to site contractors, and other DOE-authorized activities beyond the original contract assumptions. Baseline Change Requests were implemented for the Cost Variance Contract Modifications received for FY 2009 thru FY 2012 in January 2015. Since FY 2013 and FY 2014 were within a 10% variance, proposals have not yet been processed to increase the Negotiated Contract Cost / Performance Measurement Baseline. There will be a contract change to FY 2014 pension and labor adder that is currently in process.</p> <p>Differences between EAC's [Format 1, Column (13) (e): 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 FY 2012. RL provided approval of the baseline data for reporting progress and also provided an approved and funded priority list of items for MSA work scope. The variance is due to the RL-approved funding and priority list scope being divergent from the baseline.</p> <p>After the original submittal of the FPR, it was determined that MSA had incorrectly factored cost for the Hanford Site Savings Plan (HSPP) and the Hanford Employee Welfare Trust (HEWT) into the rates. This was disclosed to MSA in the Source Selection Evaluations Board's (SEB) Debrief of the Mission Support Contract (MSC) in May 2009. MSA received contract modifications for pension costs and labor adjustments for FY 2009 through FY 2011 for \$25.0M, FY 2012 for \$30.3M, FY 2013 for \$36.2M, and in FY 2014 for \$24.5M. Similar contract modifications for pension and labor adders are expected to be negotiated for the remaining contract periods. At the request of DOE-RL, labor and pension change requests are submitted at the end of each fiscal year.</p> <p>During March 2015, the EAC increased \$5.5M (\$4.5M in the PMB, and \$1M in the Non-PMB). Increases in the PMB were primarily due to the additional FY 2015 funding over the contract value to support Water Compliance, Electrical Utilities, and Maintenance Management Systems. These increases were partially offset by incorporating the definitized credit proposal for PSRP (FY 2016 - FY 2017). Increases in the Non-PMB were due to increased Usage Based Services being requested by other Hanford contractors.</p>				



Table 6-1, 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 (2015/2/23)
b. Location (Address and Zip Code)	b. Number		b. Phase	b. To (2015/3/22)
Richland, WA 99352	c. Type	d. Share Ratio	c. EVMS Acceptance	
<p>Changes in Undistributed Budget: This reporting period the Undistributed Budget (UB) was increased by \$7.6M from (\$6.3M) to \$1.3M. This reduction is due to Baseline Change implementation of two Baseline Change Requests in March 2015 that reversed the Undistributed Budgeted and entered them into Negotiated Contract including: VSWS-15-013 Rev 1, "Mod 439 Definitization of PSRP FY 2014-2017 Variance Proposal" for \$8.4M, and VSWS-15-015 Rev 1, Mod 438 - Definitization of Long Term Stewardship 105C, 105D, 105DR, 105H, and 105N/109N Safe Storage Enclosures Surveillance and Maintenance Workscope for (\$0.8M).</p> <p>Changes in Management Reserve: The Management Reserve of \$0.083M did not change this reporting period.</p> <p>Differences in the Performance Measurement Baseline: This reporting period the Performance Measurement Baseline budget increased by \$6.16M from \$2,281.2 to \$2,287.3M. This increase is due to implementation of three Baseline Change Requests in March 2015 including: VSWS-15-013 Rev 1, "Mod 439 Definitization of PSRP FY 2014-2017 Variance Proposal" for \$0.5M, and VSWS-15-015 Rev 1, Mod 438 - Definitization of Long Term Stewardship 105C, 105D, 105DR, 105H, and 105N/109N Safe Storage Enclosures Surveillance and Maintenance Workscope for (\$0.04M), VSWS-15-016, Mod 441 - Definitization of FY 2014 Waste Sampling and Characterization Facility Cost Variance Proposal - for \$5.7M.</p> <p>Differences in the Non - Performance Measurement Baseline: This reporting period the Non-Performance Measurement Baseline budget remained the same at \$1,059.2M. There were no Baseline Change Requests implemented for Non-Performance Measurement Baseline scope.</p> <p>Best/Worst/Most Likely Management Estimate at Completion (MEAC): The Best Case Management Estimate at Completion (EAC) assumes the completion of approved negotiated workscope, management reserve and undistributed budget consistent with the Contract Budget Base. The Most Likely Management EAC reflects the Estimate at Completion including management reserve. The Worst Case Scenario assumes a 5% increase to the Most Likely EAC case scenario.</p>				

7.0 USAGE-BASED SERVICES / DIRECT LABOR ADDER SUMMARY

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

Table 7-1. Usage-Based Services / Direct Labor Adder Summary (dollars in thousands).

Fiscal Year 2015 to Date – March 2015				
Account Description	BCWS	ACWP	CV	Liquidation
Direct Labor Adder				
Transportation DLA (3001.04.06.02.01)	9,387.2	2,046.6	7,340.6	(2,496.4)
Maintenance DLA (3001.04.05.02.01)	6,186.7	4,506.0	1,680.7	(3,539.8)
Janitorial Services DLA (3001.04.05.03)	449.6	291.8	157.8	(278.6)
Total DLA	16,023.5	6,844.4	9,179.1	(6,314.8)

ACWP = Actual Cost of Work Performed.
BCWP = Budgeted Cost of Work Performed.

CV = Cost Variance
BCWS = Budgeted Cost of Work Scheduled.

BAC = Budget at Completion.

Table 7-1, cont. Usage-Based Services / Direct Labor Adder Summary (dollars in thousands).

Fiscal Year 2015 to Date – March 2015				
Account Description	BCWS	ACWP	CV	Liquidation
Usage Based Services				
Training (3001.04.02)	22,057.4	5,563.7	16,493.7	(6,820.8)
HRIP (3001.02.04.02)	5,341.6	2,163.3	3,178.3	(1,915.2)
Dosimetry (3001.04.02.03)	2,944.0	1,951.0	993.0	(2,220.2)
Work Management (3001.04.13.01)	594.6	249.2	345.4	(247.5)
Courier Services (3001.04.14.06)	74.8	93.5	(18.7)	(92.0)
Occupancy (3001.04.14.06)	8,649.2	2,960.6	5,688.6	(3,052.7)
Crane & Rigging (3001.04.08.02)	19,669.1	5,578.4	14,090.7	(5,158.3)
Fleet (3001.04.07.02)	32,520.7	4,756.0	27,764.7	(4,993.5)
Total UBS	91,851.4	23,315.7	68,535.7	(24,500.3)
Total DLA / UBS	107,874.9	30,160.0	77,714.9	(30,815.1)

ACWP = Actual Cost of Work Performed.

CV = Cost Variance

BAC = Budget at Completion.

BCWP = Budgeted Cost of Work Performed.

BCWS = Budgeted Cost of Work Scheduled.

Cost Variance (+\$77.7 M) – Facility Maintenance costs (i.e., Crane & Rigging, Fleet, Facility Services) are being incurred at a significantly higher level than plan due to the deterioration of aging facilities. In addition, service levels for maintenance and transportation support to Site contractors are running higher than base proposal assumptions. Radiological Site Services (RSS) activities are costing less than planned due to 1) reduced service levels from Site contractors, and 2) efficiencies implemented in executing the RSS program.

8.0 RELIABILITY PROJECT STATUS

Activity in March was centered on continuing progress on projects carried over from FY 2014. (See table 8-1 below.) For further information concerning accomplishments and issues related to the Reliability Projects, refer to the Public Works Service Area section of this report.

Table 8-1. FY12 – FY16 Reliability Projects Summary.

Projects to be Completed (\$000's)													
	Contract to Date - Performance					Thru - FY 2016				Complete Dates			VAC Cost
	BCWS	BCWP	ACWP	SV	CV	BAC	EAC	VAC	% Complete	Complete Date	Forecast Date	Schedule at Complete	
Work Scope Description (RL-14 Projects)													
L-780, 200E 13.8kV ED Sys Mods Dsgn	78.5	80.7	118.4	2.2	(37.7)	200.0	224.1	(24.1)	23%	11/3/15	11/3/15	G	Y
L-858, 200E 13.8kV ED Dsgn & Bse Svc Ld Reconfig	526.8	631.1	443.3	104.3	187.8	3,550.0	3,550.0	0.0	20%	12/3/15	12/1/15	G	G
Work Scope Description (RL-40 Projects)													
L-525, 24in Line Replacement 200E	0.0	0.0	0.0	0.0	0.0	500.0	500.0	0.0	0%	11/3/15	11/3/15	G	G
L-840, 24in Line Replacement 200W	0.0	0.0	0.0	0.0	0.0	485.0	485.0	0.0	0%	11/3/15	11/3/15	G	G
L-761, Replace RFAR Phase 2	503.2	442.8	201.5	(60.4)	241.3	534.7	315.0	219.7	75%	5/28/15	5/28/15	G	G
HSPD-12, Logical Access Control	209.1	202.3	253.0	(6.8)	(50.7)	273.6	344.6	(71.0)	87%	9/30/15	9/30/15	G	Y

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

8.0 RELIABILITY STATUS, CONT.

Variance Explanations

Contract to Date (CTD) Schedule Variance – Project L-858, *200E 13.8kV ED Design & Base Service Load*

Reconfiguration: The positive schedule variance is due to completing design and surveying early.

Project L-761, *Replace RFAR Phase 2:* The schedule variance is due to material procurements planned for October not occurring as planned. A portion of the materials could not be ordered until the ultra-high frequency (UHF) frequencies had been received/approved.

CTD Cost Variance – Project L-858, *200E 13.8kV ED Design & Base Service Load Reconfiguration:* The positive cost variance continues to be due to taking advantage of preliminary design and planning conducted as part of the Integrated Reliability Project Priority List (IRRPL), and normal processes in project planning and estimating that were performed in FY 2013 and FY 2014. (For example, the preliminary conceptual design was done in FY 2013 as part of the IRRPL process, and this was used to produce a Statement of Work. As a result, the design contract was awarded early, and with much less labor than was planned. Ecological and cultural reviews are taking much less effort than planned, as the construction is in a previously disturbed area, and falls under the Tank Farms Environmental Impact Statement. Numerous meetings were held in FY 2013 and FY 2014 with DOE Office of River Protection (ORP) and WRPS on this project, and enabled activities that normally are more labor-intensive to be accomplished more quickly and with less cost.)

Project L-761, *Replace RFAR Phase 2:* The positive cost variance of \$241.3K is due to efficiencies in developing the design and is planned to be used to accelerate out year scope by procuring and installing the Federal Building and Met Tower communication systems.

CTD Variance at Completion (VAC) – Project L-858, *200E 13.8kV ED Design & Base Service Load Reconfiguration:*

Variance at completions is due to design costing more than anticipated.

Project HSPD-12, *Logical Access Control:* The VAC is primarily due to funding being provided in excess of budget.

Table 8-2. Reliability Projects Schedule.

RPSUM CU - Summary RP Schedule for Melodee - Current Layout: MSA - Summ RP Sched - Melodee - CU		Mission Support Alliance							Page 1 of 1																							
Activity ID	Activity Name	OD	RD	% Comp	Baseline Start	Baseline Finish	Forecast Start	Forecast Finish	2014												2015											
									S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
HSPD-12	HSPD-12 Logical Access Control	277	135	87%	26-Aug-13	30-Sep-15	26-Aug-13 A	30-Sep-15																								
L-525	L-525, 24"Line Renovation/Replacement from 2901Y to 200E	152	152	0%	01-Apr-15	03-Nov-15	01-Apr-15*	03-Nov-15																								
L-761 PHII	L-761, Replace RFAR (Phase II)	114	48	75%	21-Apr-14	28-May-15	21-Apr-14 A	28-May-15																								
L-780	L-780, 200E Area 13.8kV Electrical Distribution System WFD Modifications and Upgrades	203	159	23%	19-Jan-15	03-Nov-15	01-Oct-14 A	03-Nov-15																								
L-840	L-840, 24"Line Renovation/Replacement from 2901Y to 200W	152	152	0%	01-Apr-15	03-Nov-15	01-Apr-15*	03-Nov-15																								
L-858	L-858, 200E 13.8kV ED Dsgn & Bse Svc Ld Reconfig	102	177	20%	15-Sep-14	03-Dec-15	15-Sep-14 A	01-Dec-15																								

Remaining Work
 Baseline

**MSC - Reliability Projects
FY13 Summary Schedule
Data Date: 22-Mar-15**



9.0 BASELINE CHANGE REQUEST LOG

Eight Baseline Change Requests (BCRs) were processed in March.

One BCR incorporated a Contract Modification:

- VSWS-15-016 – Mod 441 – Definitization of FY 2014 Waste Sampling and Characterization Facility Cost Variance Proposal

Five BCRs were Administrative in Nature:

- VRL40RP-15-004 – Create a Level 4 and 2 Level 5 WBSs for L-525, Design of 24” Line Renovation/Replacement from 2901Y to 200E and Move FY 2016 Reliability Project Planning Package Budget
- VRL40RP-15-005 – Create a Level 4 and 2 Level 5 WBSs for L-840, Design of 24” Line Renovation/Replacement from 2901Y to 200W and Move FY 2016 Reliability Project Planning Package Budget
- VSWS-15-012 – Establish a Level 5 WBS for Land Conveyance Legislative Acceleration
- VSWS-15-018 – Establish Four New WBSs for Water/Sewer Utilities and Move Budget from Water and Sewer Corrective Maintenance
- VSWS-15-019 – Establish a Level 5 WBS for Electrical Utilities and Move Budget from Electrical Utilities Corrective Maintenance

Two BCRs were moved from Undistributed Budget:

- VSWS-15-013 Rev 1 – Mod 439 – Definitization of PSRP FY 2014-2017 Variance Proposal –Move from Undistributed Budget to SWS
- VSWS-15-015 Rev 1 - Mod 438 – Definitization of Long Term Stewardship 105C, 105D, 105DR, 105H, and 105N/109N Safe Storage Enclosures Surveillance and Maintenance Work scope –Move from Undistributed Budget to COBRA PMB

Table 9-1. Consolidated Baseline Change Log

Consolidated Baseline Change Log											
\$ in thousands											
						POST CONTRACT BUDGET					
PBS / Other	Reporting Baseline	Contract PMB	Contract PMB Mgmt Reserve	Contract Performance Budget (CPB)	Cum Contract Period	FY15 Budget	FY15 Management Reserve	Post Contract Budget	Post Contract Mgmt Reserve	Total Lifecycle	Cum Lifecycle Budget
Prior PMB Total	Feb 2015	1,230,506		1,230,506	1,230,506	191,483		1,051,128		2,281,634	2,281,634
RL40RP-15-004				0	1,230,506	414		0		0	2,281,634
RL40RP-15-005				0	1,230,506	399		0		0	2,281,634
VSWS-15-012				0	1,230,506	0		0		0	2,281,634
VSWS-15-013 Rev 1				0	1,230,506	0		0		0	2,281,634
VSWS-15-015 Rev 1				0	1,230,506	0		0		0	2,281,634
VSWS-15-016				0	1,230,506	5,706		5,706		5,706	2,287,340
VSWS-15-018				0	1,230,506	20		0		0	2,287,340
VSWS-15-019				0	1,230,506	0		0		0	2,287,340
Revised PMB Total	Mar 2015	1,230,506		1,230,506		198,023		1,056,835		2,287,340	
Prior Non-PMB Total	Feb 2015	604,007		604,007	604,007	111,087		455,161		1,059,168	1,059,168
				0	604,007					0	1,059,168
Revised Non-PMB Total	Mar 2015	604,007		604,007		111,087		455,161		1,059,168	
Total Contract Performance Baseline	Mar 2015	1,834,513		1,834,513	1,834,513			1,511,996		3,346,509	
Management Reserve	Feb 2015		0	0		83			83	83	83
Revised Management Reserve	Mar 2015		0	0		83			83	83	
Total Contract Budget Base				1,834,513				1,512,078		3,346,591	
Prior Fee Total	Feb 2015	109,961		109,961		20,806		98,958		208,918	208,918
Revised Fee Total	Mar 2015	109,961		109,961		20,806		98,958		208,918	
Change Log Total	Mar 2015			1,944,473				1,611,037		3,555,509	

Note: HANDI/Cobra implementation errors occurred in BCRs VMSA-15-003 Rev 7 and VMSA-15-003 Rev 30. These corrections will be made in the HANDI/Cobra system in April. This variance is in RL-40 HAMMER and Portfolio Management (\$3K).

NOTE: The following BCR remains in Undistributed Budget and will be detailed planned in the COBRA in the coming months.
 VMSA-13-012 Rev 2 Allocation of Undistributed Budget for Contract Modification 238 and 245, Labor and Pension Cost Growth (\$1,316.9K is left in SWS and will be reinstated as work is definitized).



10.0 RISK MANAGEMENT

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

- Risk Management continued integrating risk statements and impacts for the FY 2015 funding profiles into the MSA Risk Register.
- Risk Management participated in the change control board reviewing risks associated funding scope currently listed on the Unfunded List.
- Risk Management reviewed the schedule and scope assumptions for the contract proposals ensure risks were adequately bound.
- Risk Management conducted Risk Workshops to validate the risk posture of existing risks and potential risks for FY 2015. The budget review risk impacts were consolidated as part of the development of the FY 2015 risk posture.

90-Day Look Ahead

- Review of Risk Management Plan



11.0 DASHBOARD SUMMARY

March FY 2015									
Deliverables	Plan	Actual	Letter Number	Lead		Status			
				DOE	MSA	Overall	Mar		
1.0 Effective Site Cleanup									
1.1 Enable mission contractors to achieve their cleanup mission by delivering timely service and reliable infrastructure that support customer key milestones and regulatory									
1.1.1	Demonstrate that the following performance measure targets were met.			9/30/2015	Bird	Brockman			
	Biological Controls – Pest Removal					Fritz			
	Biological Controls – Vegetation					Fritz			
	Biological Controls – Tumbleweed Removal					Fritz			
	Crane and Crew Support					Brockman			
	Cyber Security – System Patching					Eckman			
	Dosimetry – External Services					Wilson			
	Dosimetry – Records Request Fulfillment					Wilson			
	Electrical – Power Availability					Fritz			
	Emergency Radio / SONET Transport Availability					Eckman			
	Facilities Maintenance					Brockman			
	Fire Protection System Maintenance					Walton			
	Fire Protection System Maintenance for PFP					Walton			
	Fleet Services – Heavy Equipment (Cranes)					Brockman			
	Fleet Services – Heavy Equipment (Evacuators)					Brockman			
	Fleet Services – Heavy Equipment (General Purpose)					Brockman			
	Fleet Services – Light Equipment (Hanford Patrol)					Brockman			
	Fleet Services – Light Equipment (Hanford Fire)					Brockman			
	Fleet Services – Light Equipment (Special Purpose Trucks)					Brockman			
	HAMMER – Worker Training Completion Input					Wilson			
	HLAN Availability					Eckman			
	PFP Support					Brockman			
	Radiological Instrumentation Calibration					Wilson			
	SAS Access Denial Request Processing					Brockman			
	SAS Remote Sensor Continuity					Brockman			
	Spent Fuel Activity Support					Brockman			
Water – Potable			Fritz						
Water – Raw			Fritz						

1.1.1 Fire Protection System Maintenance – (Green) Two performance measures are off target for March: Fire Protection System Maintenance (red) and Fire Protection System Maintenance for the Plutonium Finishing Plant (red). While both measures are red, significant progress was made in March to address backlogged maintenance to return both green status.



DASHBOARD SUMMARY, CONT.

March FY 2015									
Deliverables	Plan	Actual	Letter Number	Lead		Status		Overall	Mar
				DOE	MSA	Overall	Mar		
1.0 Effective Site Cleanup									
1.1 Enable mission contractors to achieve their cleanup mission by delivering timely service and reliable infrastructure that support customer key milestones and regulatory									
1.1.2	Ensure customer satisfaction for all service catalog requests.	9/30/2015				Bird	Brockman		
1.1.3	Implement HNF-54670 (MSA Maintenance Management Program) per the approved implementation schedule.	9/30/2015				Dickinson	Fritz		
1.1.4	Complete planning for execution of Hanford FY16 infrastructure projects to include electrical upgrades necessary for the Office of River Protection (ORP).	9/30/2015				Dickinson	Fritz		
1.1.5	For the areas of computer support, facility occupancy, training, roads and grounds, and warehouse services, develop new performance measures and begin measuring and recording performance data.	2/1/2015	2/1/2015			Bird	Brockman		
	Occupancy								
	Site Training Services and HAMMER								
	Roads								
	Warehouse Operations								
Network Services									
	Evaluate the effectiveness of the measure and the calculation methodology for all developmental performance measures to determine if the measures achieved their intended purpose	6/15/2015							
	Propose FY16 performance targets	9/30/2015							
2.0 Efficient Site Cleanup									
2.1 Demonstrate MSA's responsiveness and alignment of resources and equipment to meet the cleanup contractors' project requirements in support of key milestones.									
2.1.1	Demonstrate that the following business performance measure targets were met	9/30/2015				Bird	Brockman		
	Rapid Re-alignment of Resources – Usage-Based Services (UBS)								
	General and Administrative (G&A)								
2.1.2	Reduce the Information Technology (IT) infrastructure footprint considering options such as data centers, IT facilities, towers, etc. and submit an execution schedule for approval	12/31/2014	12/30/2014	MSA-1405540		Dickinson	Eckman		
	Implement the FY15 actions per the approved schedule.	9/30/2015							
3.0 Safe and Secure Operations									
3.1 Maintain operational readiness and realize efficiencies through integration, standardization, and consolidation of security systems.									
3.1.1	Implement FY15 actions per the HSPD-12 implementation plan.	9/30/2015				Lowe	Walton		
3.1.2	Complete a review of the Hanford Patrol training program to include the application of the Elite Force training to the protection of special nuclear material from a cost versus benefit perspective and compliance. Ensure the program is aligned with the current site protection strategy and any forthcoming emerging requirements. Identify potential cost-savings initiatives and submit an implementation schedule for DOE approval by 3/31/15. Implement FY15 actions of the approved schedule.	9/30/2015				Lowe	Walton		
3.1.3	Develop a long-term strategy to further consolidate fire operations, emergency preparedness, and safeguards and security activities consistent with shrinking the Hanford footprint to the Central Plateau; for example, port of entry, access control, emergency planning zones, etc. Submit for DOE approval a plan to include key milestones and DOE decision points that facilitate out-year budget planning.	7/31/2015				Lowe	Walton		



DASHBOARD SUMMARY, CONT.

March FY 2015									
Deliverables	Plan	Actual	Letter Number	Lead		Status			
				DOE	MSA	Overall	Mar		
4.0 Site Stewardship									
4.1 Achieve effective and efficient utilization of Hanford Site through comprehensive and compliant land management.									
4.1.1	Perform necessary actions for developing an Area Management Plan such as assemble baseline information, perform gap analyses, develop time-phased maps, determine land use decision considerations, develop communications plan, etc., and complete a preliminary draft plan.	9/30/2015			Hathaway	Fritz			
4.1.2	Complete all FY15 reactor ISS five-year re-entries.	6/30/2015			Hathaway	Fritz			
4.1.3	Lead the integrated contractor team to complete the CERCLA five-year review draft.	9/30/2015			Voice	Fritz			
TOTAL OBJECTIVE FEE POOL									
5.0 Comprehensive Performance									
Support the accomplishment of RL key performance goals.					Branch	Olsen			
Maintain alignment of cost performance with the negotiated estimated costs contained in the contract.									
Work with DOE in a spirit of cooperation during the proposal review and negotiation process, including timely and adequate submission of proposals and requests for additional data, timely counteroffers, and conveying a positive and professional attitude to achieve fair and timely settlement of change order proposals or requests for equitable adjustment, and attaining small business goals.									
Demonstrate operational excellence in business and financial management by fulfilling contractual obligations in a fiscally responsible manner to include, but not limited to, the use of approved purchasing, estimating, accounting, property, budget, planning, billing, labor, and accounting systems; and the contractor's management of government property.									
Provide leadership to improve management effectiveness, collaborate and participate proactively with customers									
Measure overall performance under the contract via the use of a comprehensive performance measurement system.									
Integrate and coordinate all activities required to execute the contract with other Hanford contractors, specifically the timeliness, completeness, and quality of problem identification; and corrective action plans.									
Initiate and provide effective participation in business case analyses and other cross-contractor activities leading to optimal utilization of RL resources (facilities, equipment, material and services) across all Hanford contractors. Continue evaluation and improvement of the Contractor Interface Board and other similar or proposed replacement functions.									
Demonstrate operational excellence in Safeguards and Security, fire and emergency response, and emergency operations/emergency management by fulfilling contractual obligations in a fiscally responsible manner									
Perform work safely and in a compliant manner that assures the workers, public, and environment are protected from adverse consequences..									
TOTAL SUBJECTIVE FEE POOL									

12.0 CONTRACT DELIVERABLES STATUS

The following tables itemize the contract deliverables due to RL in March, and provide a 30-day look ahead through April 2015.

March 2015 Contract Deliverables

CDRL	Deliverable	Responsible	Date Due	Date Submitted to DOE	Action	Response Time	Date Due from DOE	Date Approved by DOE
CD0051	Milestone Review and IAMIT Meeting Minutes - Jan	Wilson	3/5/15	3/4/2015	Information	N/A	N/A	
CD0123	Monthly Billing Reports for DOE Services - Feb	Eckman	3/5/15	3/5/2015	Information	N/A	N/A	
CD0144	Monthly Performance Report - Jan	Olsen	3/10/15	3/9/2015	Review	None	N/A	
CD0050	Report of TPA milestone status and performance statistics	Wilson	3/15/15	3/2/2015	Information	N/A	N/A	
CD0095	National Environmental Policy Act (NEPA) 5-Year Supplemental Analysis of the CLUP (Comprehensive Land Use Plan)	Fritz	3/29/15	12/22/2014	Approve	45 days	2/6/15	1/22/2015
CD0036	Hanford Site Prescribed Fire Plan	Walton	3/30/15	3/26/2015	Approve	30 days	4/26/15	
CD0084	Bonneville Power Administration (BPA) Power and Transmission Service invoice verification and breakdown of site contractor costs - Jan	Fritz	3/30/15	3/30/2015	Review	30 days	4/30/15	
CD0020	Transmitter Review	Walton	3/31/15	3/16/2015	Approve	60 days	5/16/15	

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

IAMIT = Interagency Management Integration Team.

TPA = Tri-Party Agreement.

N/A = no action.





April 2015 Contract Deliverables

CDRL	Deliverable	Responsible	Date Due	Date Submitted to DOE	Action	Response Time	Date Due from DOE	Date Approved by DOE
CD0008	Force-on-Force Test Results	Walton	4/2/15	4/1/2015	Review	45 days	5/17/15	
CD0051	Milestone Review and IAMIT Meeting Minutes - Feb	Wilson	4/5/15		Information	N/A	N/A	
CD0123	Monthly Billing Reports for DOE Services - Mar	Eckman	4/5/15	4/1/2015	Information	N/A	N/A	
CD0124	Quarterly Service Level Report	Eckman	4/10/15	4/8/2015	Information	N/A	N/A	
CD0144	Monthly Performance Report - Feb	Olsen	4/10/15	4/7/2015	Review	None	N/A	
CD0050	Report of TPA milestone status and performance statistics	Wilson	4/15/15	3/31/2015	Information	N/A	N/A	
CD0178	Quarterly Manpower Reports and Budget Forecasts	Walton	4/15/15	4/1/2015	N/A	N/A	N/A	
CD0043	Limited Emergency Preparedness Evaluation / Training Exercise Reports	Walton	4/23/15		Approve	45 days		
CD0030	HAMMER Strategic Plan	Wilson	4/30/15		Review	30 days		
CD0084	Bonneville Power Administration (BPA) Power and Transmission Service invoice verification and breakdown of site contractor costs - Feb	Fritz	4/30/15		Information	N/A	N/A	

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

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

IAMIT = Interagency Management Integration Team.

TPA = Tri-Party Agreement.

N/A = no action.



12.1 GOVERNMENT-FURNISHED SERVICES/INFORMATION AND DOE DECISIONS

There are two GFS/I items due to MSA in 2015:

- GF049, due June 1, 2015: *DOE to provide a Hanford "planning case" budget to prepare the updated Hanford Lifecycle Scope, Schedule, and Cost Report. On-time delivery of this item is anticipated.*
- GF050, due October 31, 2015: *DOE Approval of the DRAFT Hanford Lifecycle Scope, Schedule, and Cost Report. On-time delivery of this item is anticipated.*



13.0 SELF-PERFORMED WORK

Table 15-1. Mission Support Contract Socioeconomic Reporting.

Plan Category	MSA Goal	FY15 Actual TD	Cumulative %	Trend
Small Business	50%	37.8%	49.5%	↓
Small Disadvantaged Business	10%	6.3%	14.6%	↓
Small Women-Owned Business	6.8%	11.6%	8.5%	↓
HubZone	2.7%	0.7%	2.3%	↓
Small Disadvantaged, Veteran- Owned Business	2%	3.2%	3.0%	↑
Veteran-Owned Small Business	2%	3.4%	5.4%	No Change

 = Improved Trend
 = Decreased Trend

Through March 2015

Prime Contract Targets:

- At least 40% contracted out beyond MSA = 48% (\$1,107M / \$2,274M)
- Small Business 25% of Total MSC Value = 24% (\$549M / \$2,274M)

Note: Potential fee reduction based on cumulative at Year 7 of the MSA contract



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SERVICE AREA SECTIONS

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

- Business Operations
- Emergency Services
- Environment, Safety, Health, and Training
- Information Management
- Portfolio Management
- President's Office
- Public Works
- Site Services & Interface Management

MISSION SUPPORT ALLIANCE

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



Business Operations

Rich Olsen, Vice President and Chief Financial Officer

Monthly Performance Report

March 2015



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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, human resources, contract and subcontract administration, and financial controls to effectively manage the Mission Support Contract (MSC). Business Operations is responsible for activities that include Human Resources, Finance and Accounting, Program Controls, and Contracts. Human Resources (HR) promotes competitive compensation, benefits, and development opportunities for the MSA and its teaming partners, enabling them to provide distinctive service to customers. HR is also responsible for developing and implementing personnel policies; offering creative staffing solutions; facilitating positive interaction and employee relations; and making cost-effective, value-based decisions. Finance and Accounting includes accounts payable, accounts receivable, general ledger reconciliation, payroll and all payroll services for nine companies, pricing and cost estimating, and validating the timekeeping system. Program Controls includes scope, schedule, and cost baseline management, planning, baseline change, work integration and control, earned value management, and performance reporting. Contracts 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; provides subcontracting and purchasing support to accomplish the MSC mission and support the Hanford Site; reviews incoming correspondence for contractual impacts; and assigns and tracks all open action items to completion.

KEY ACCOMPLISHMENTS

PROGRAM CONTROLS

Fiscal Year (FY) 2017 Budget Formulation Reviews – MSA Program Controls held several FY 2017 budget formulation meetings with the RL Assistant Manager for Mission Support (AMMS) senior management in preparation for budget formulation reviews with the RL Manager. This key information helped support justification of MSA's budget needs for both FY 2016 and FY 2017. Areas of focus for the meetings included Public Works, Information Management, Emergency Services, and Environmental Safety Health and Training.

RL-MSA Business Operations Interface Meeting – The monthly RL-MSA Business Operations Interface Meeting (a.k.a. the Chief Financial Officer [CFO] briefing) was held on March 25, 2015. Some of the topics addressed included; current activities and



challenges; a summary of MSA's Integrated Priority List (IPL) performance; the Fiscal Year-to-Date (FYTD) funds status; an overview of Requests For Services (RFSs) and Usage-Based Services; Contracts and Procurement status; MSA Overtime performance; and a look ahead at upcoming events and activities.

CONTRACTS

Contract Submittals – MSA submitted to RL the following:

- The Public Safety and Resource Protection (PSRP) FY 2018 and FY 2019 proposals the week of March 9, 2015.
- The 100 Area B/C Water System Transition Proposal on March 30, 2014.

Contract Modifications (Mods) Definitized – MSA Contracts definitized the following mods:

- The FY 2014 Waste Sampling and Characterization Facility (WSCF) cost variance proposal, in Modification 441, executed March 2, 2015.
- The FY 2014 Labor Adder Cost Variance proposal and the FY 2014 Pension Cost Variance proposals the week of March 9, 2015 in Modifications 444 and 445.
- The White Bluffs Bank Phase II Proposal in Modification 446 on March 17, 2015.

Hanford Information Technology (IT) Request for Proposal (RFP) – The Hanford IT RFP is currently in the evaluation process. Technical evaluations are scheduled to be completed by April 2, 2015. The consent package will be transmitted to RL no later than April 30, 2015, and RL has 90 days to provide consent.

Records Management RFP Site Tour – Proposals for the Content and Records Management RFP were due March 18, 2015. Five proposals were received from the following socioeconomic categories; 2 Hubzone, 1 small, woman-owned, 1 disabled veteran-owned, and 1 small, disadvantaged-owned. Technical evaluations are scheduled to be completed by April 13, 2015. The consent package will be transmitted to RL no later than May 7, 2015.

HUMAN RESOURCES

Department of Labor (DOL) – The DOL is finishing an investigation that started approximately 18 months ago. The review included submission and review of a large volume of Hanford Employee Welfare Trust (HEWT) documents and data. The DOL then focused its analysis towards a review of medical benefits provided through Group Health. As a result of the review, MSA Benefits will be making two clarifications to the Employee Administrative Wrapper/Summary Plan Description and redistributing it to Participants. MSA Benefits will further clarify that there are no annual plan limits for



medical coverage and that medical benefits are available to people who are absent from work. With these clarifications, it is anticipated that the DOL's closing letter will have no findings.

Annual Teleconference with DOE Headquarters (HQ) – MSA Benefits and RL answered HQ questions about the Hanford Post Retirement Benefit Management Plan and the Pension Management Plan during an annual teleconference. The management plans were submitted to HQ through the iBenefits system, and included information related to the structure and valuation of the plans.

MSA HR Support of Fernald Benefits

- **Audit** – The Employee Retirement Income Security Act (ERISA) requires that the Pension Benefit Guarantee Corporation (PBGC) audit a sample of plan terminations each year. The Fernald Retirement Plan has been selected for audit due to its recent termination. During the course of the audit, the PBGC will calculate benefits, reconcile assets, value lump-sum distributions, verify missing participant information, and confirm distribution and participant information. The PBGC has requested an extensive list of plan information to support this audit. The information requested was transmitted to the PBGC within the allotted 30-day response window on March 10, 2014.
- **Medicare Supplemental Plan Transition** – MSA HR, along with BridgeStreet Consulting, met with representatives from Towers Watson OneExchange on March 18, 2015, to discuss the completion of the transition of 780 over age 65 retirees/dependents from the group medical plan to an individual Medicare Supplemental Plan through OneExchange. In addition to the transition debrief, OneExchange provided an overview of the service they could provide to the under age 65 retirees/dependents of the Fernald Site. Plan-specific data is forthcoming from OneExchange and MSA will evaluate the feasibility of this service once the information has been received.

MSA Equal Employment Opportunity (EEO) Policy Statement – MSA's internal and external Job Opportunities/EEO websites were updated with MSA's Equal Opportunity Policy Statement signed by MSA President. This policy statement re-affirms MSA's commitment to Equal Employment Opportunity and compliance with all Federal, State and local laws that prohibit unlawful discrimination. The policy applies to all employment decisions including, but not limited to, recruiting, hiring, training, promotions, pay practices, benefits, disciplinary actions and terminations.

FINANCE AND ACCOUNTING



FY 2014 Incurred Cost Submittal – The FY 2014 Incurred Cost Submittal was provided to RL on March 30, 2015.

Audit Support – MSA continued to support several on-going audits, both internal and external.

- **DOE Invoice Audit FY 2013 Q3-Q4 2nd Documentation Request:** The response was provided to DOE on March 19, 2015. Following DOE's review of MSA's response additional questions were provided by DOE. MSA is still working on the response.
- **FY 2012 Incurred Cost Submittal Testing Samples:** MSA has submitted responses to all Resource Type 0 and Resource Type 1 samples. Work is continuing on Resource Types 2, 3, and 4. Audit and Compliance is targeting April 16, 2015 to be completed.
- **FY 2013 Incurred Cost Submittal Testing Samples:** MSA has received testing samples from KPMG for FY 2013.
- **KPMG Property System Audit:** MSA has provided responses to 90 percent of requested PBAs (Provided by Auditee). KPMG has added four additional PBAs. KPMG is still reviewing data provided. KPMG has not provided an on-site testing schedule yet. MSA has prepared its process flow, narratives, and control documentation write up of the MSA Property Management System has been provided to KPMG.

LOOK AHEAD

Security and System Upgrades – MSA Baseline Management and Monthly Reporting kicked off the Security and System Upgrades for the Hanford Programs Integrated Control Module (HPIC) and Hanford Data Integrator (HANDI) systems on February 3, 2015. Testing for this upgrade will include support from CH2M HILL Plateau Remediation Company (CHPRC) and Washington River Protection Solution, LLC (WRPS), and is scheduled to complete by mid-April. This is an accelerated schedule due to other Hanford contractors' requests to start after January and complete before April month end. The outcome of this project will be Site standard system compliance to cyber security and software license agreements.

Rate Development – MSA General Accounting and Project Finance began the rate development process for a planned rate change in May. Labor, absence, continuity of service, and continuity of pension rates will be developed and approved by the Business Operations Change Control Board on April 7, 2015. These rates will become the foundation for rate reviews of the pools and usage-based services.



MAJOR ISSUES

None to report.

SAFETY PERFORMANCE

No Occupational Safety and Health Administration (OSHA) injuries or First Aid cases were reported for Business Operations in March 2015.

BASELINE PERFORMANCE

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

Fund Type	March 2015					Contract-to-Date				
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV
FY 2009 Transition Cost	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$5.9	\$5.9	\$5.9	\$0.0	\$0.0
Site-wide Services	\$0.5	\$0.5	\$0.6	\$0.0	(\$0.1)	\$40.8	\$40.8	\$44.4	\$0.0	(\$3.6)
Subtotal	\$0.5	\$0.5	\$0.6	\$0.0	(\$0.1)	\$46.7	\$46.7	\$50.3	\$0.0	(\$3.6)

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.

BASELINE PERFORMANCE VARIANCE

Current Month Cost Variance (-\$0.1M) – Same as CTD.

Contract-to-Date (CTD) Cost Variance (-\$3.6M) – The unfavorable CTD variance is attributable to an increased level of support required for Performance Reporting. Additional efforts were associated with Program Controls system administration; technical baseline support; and change control. The Centralized Procurement Card (P-Card) Purchasing program was added, as well as additional staff support for Labor Relations and the Hanford Employee Welfare Trust (HEWT). This variance will continue to increase as the number of resources needed to complete this work scope exceeds the number of resources from the original contract bid. In addition, Site Wide Services severance costs in FY 2013 and FY 2014 were not assumed in the baseline, and are contributing to the unfavorable CTD variance.



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MISSION SUPPORT ALLIANCE

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Emergency Services

Craig Walton, Vice President

Monthly Performance Report

March 2015



RAP Region 8 Federal Monitoring and Assessment Center Capstone



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INTRODUCTION

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

KEY ACCOMPLISHMENTS

EMERGENCY MANAGEMENT PROGRAM (EMP)

Radiological Assistance Program (RAP) Region 8 Federal Radiological Monitoring and Assessment Center Training Event – Emergency Management RAP Region 8 hosted a four-day training event from March 23-26, 2015 at the Volpentest Hazardous Materials Management and Emergency Response HAMMER Federal Training Facility. The training was highlighted by a capstone exercise event on March 26, 2015, based on a rail/vehicle accident scenario that emulated the release of mixed fission products from spent reactor fuel. Class participants included representatives from Idaho, Hawaii, and Washington states, as well as Federal Radiological Monitoring and Assessment Center and RAP teams from Lawrence Livermore National Laboratory (LLNL), and Idaho National Laboratory (INL).

Hanford Fiscal Year (FY) 2015 Second Quarter Limited Site Exercise – Emergency Management personnel conducted the quarterly limited site exercise and drill on March 19, 2015 at the 618-10 Burial Ground.

HANFORD FIRE DEPARTMENT (HFD)

Wildland Fire Season Preparations – HFD personnel completed preparations in support of the upcoming 2015 Wildland firefighting season. All scheduled preventive maintenance for department apparatus has been completed.

HFD Program Plan Approved – HFD personnel received approval from U.S. Department of Energy (DOE) Richland Operations Office (RL) for the Hanford Fire Department Program Plan, MSC-MP-58194.

HFD Contract Deliverable Submitted – HFD personnel submitted Contract Deliverable CD0036, "Hanford Fire Department-2015 Prescribed Fire Plan" to RL ahead of schedule on March 26, 2015.



HFD Significant Response – On March 28, 2015, HFD responded to a mutual aid request from Grant County (WA) Fire District #8 for a multiple vehicle accident with one victim trapped in a vehicle. Upon arrival, HFD assisted with patient extraction.

SAFEGUARDS AND SECURITY (SAS)

Hanford Patrol Training Program Review – SAS personnel submitted the Hanford Patrol Training Program Review Cost Benefit/Compliance Analysis, Performance Incentive 3.1.2, to RL for approval on March 31, 2015.

Contract Deliverables Approved – SAS personnel received approval from RL for the following Contract Deliverables:

- CD0007, “Hanford Patrol Training Plan”
- CD0008, “Force-On-force Tests Results”

Contract Deliverable Submitted – On March 16, 2015, ahead of schedule, SAS personnel submitted Contract Deliverable CD0020, “Transmitter Review” to RL for approval.

LOOK AHEAD

None to report.

MAJOR ISSUES

None to report.

SAFETY PERFORMANCE

Emergency Services reported no Occupational Safety and Health Administration (OSHA) Recordable in March. One First Aid injury was reported when an employee lifted a piece of equipment and sustained an upper back strain.



BASELINE PERFORMANCE

Fund Type	March 2015					Contract-to-Date				
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV
RL-0020 - Safeguards & Security	\$3.9	\$3.9	\$4.8	\$0.0	(\$0.9)	\$316.6	\$316.6	\$331.1	\$0.0	(\$14.5)
Site-wide Services	\$1.9	\$1.9	\$2.3	\$0.0	(\$0.4)	\$143.0	\$143.0	\$150.1	\$0.0	(\$7.1)
Subtotal	\$5.8	\$5.8	\$7.1	\$0.0	(\$1.3)	\$459.6	\$459.6	\$481.2	\$0.0	(\$21.6)

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.

EAC = Estimate at Completion

BASELINE PERFORMANCE VARIANCE

Current Month Cost Variance (CV) (-\$1.3M) – The primary drivers for the negative cost variance are due to implementation of the Graded Security Policy, which was subsequent to the MSA baseline proposal and implementation, and a baseline budgeting omission for platoon shift hours in the HFD. This activity is working to RL-directed contract baseline re-alignment guidance that provides for a higher spending target than the baseline; no mitigating actions are in place at this time to reduce the overall cost overrun.

Contract-to-Date Cost Variance (CV) (-\$21.6M) – The primary drivers for the negative cost variance are due to implementation of the Graded Security Policy, which was subsequent to the MSA baseline proposal and implementation, and a baseline budgeting omission for platoon shift hours in the HFD. This activity is working to RL-directed contract baseline re-alignment guidance that provides for a higher spending target than the baseline; no mitigating actions are in place at this time to reduce the overall cost overrun.



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MISSION SUPPORT ALLIANCE

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



Environmental, Safety, Health & Training

Mike Wilson, Vice President

Monthly Performance Report

March 2015

YOU are at the Intersection of MSA Safety and Environmental Programs

You are at the Intersection of MSA Safety and Environmental Programs

- Voluntary Protection Program
- Integrated Safety Management System
- Environmental Mgmt System
- Automated Job Hazard Analysis
- Employee Job Task Analysis
- Stop Work Authority
- Zero Accident Council

YOU

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

MSA

Department of Energy
VPP

2010-10-01 Rev 0
October 23, 2010



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INTRODUCTION

The Environmental, Safety, Health, & Training (ESH&T) organization includes Radiological Site Services (RSS), Environmental Integration, Public Safety and Resource Protection, Safety & Health, Nuclear/Radiation Safety, Hanford Atomic Metal Trades Council (HAMTC) Safety Representatives, Safety Culture, and Volpentest Hazardous Materials Management and Emergency Response Training and Education Center (HAMMER). This team ensures that all environmental, safety, health, and training requirements are met so that Mission Support Alliance, LLC (MSA) provides its services in a safe and environmentally sound manner. The ESH&T organization develops, implements, and improves Integrated Safety Management (ISM), worker safety and health, radiation safety, and quality assurance policies and procedures that govern work performed by MSA.

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

KEY ACCOMPLISHMENTS

HAMMER Awarded Voluntary Protection Program (VPP) Flag at President's Zero Accident Council (PZAC) – The HAMMER staff proudly accepted their fifth VPP flag at the PZAC on March 25, 2015. The long-standing VPP status on the HAMMER campus is evidence of the staff's commitment to safety and creating safety culture across the Site.

Yakima Nation Visit to Archaeological Collections – The Curation Director for the Yakima Nation requested that staff of Cultural & Historic Resource Protection (CHRP) escort them to the DOE archaeological collections housed at the Consolidated Information Center at Washington State University, Tri-Cities. A CHRP staff member met the DOE cultural program manager and representatives from the Yakima Nation on March 24, 2015 to view the archaeological collections. After viewing artifacts in the collection, the group toured the Cultural Resources Records Room at the Federal Building. CHRP staff helped review the records on the collections, and provided information on the overall collection of records maintained in the records room.



Compliance Review Management Assessment – A management assessment on the process and historical performance of ecological and cultural compliance reviews was conducted February 23 through March 24, 2015. This management assessment consisted of a review of 166 ecological/cultural resource clearance reviews performed by MSA between May 2013 and February 2015 to examine the processes being used, identify bottlenecks and pinch points, and identify opportunities for improvement. This assessment resulted in a better understanding of the mean and median durations for various types of clearance reviews which will be invaluable in building project schedules. In many of the analyses of “outlier clearance reviews,” the delays were not precisely identified and this analysis further demonstrated the need for keeping documentation of the reasons behind progress delays.

DOE Headquarters (HQ) Enterprise Assessment (EA) Review of Hanford Beryllium Program – The HQ EA team was on the Hanford site the entire week of March 9-12, 2015, performing an assessment of the contractors’ implementation of DOE-0342, *the Hanford Chronic Beryllium Disease Prevention Program (CBDPP)*, Revision 2A, and associated implementing procedures. In the debrief meetings held on March 12, 2015, the EA team identified four areas for improvement, but also noted significant progress in the programs developed by the Beryllium Corrective Action Plan (BeCAP) Core Team. The EA Team also noted that the contractors had performed well in the implementation of the latest revision of the program.

March Training Event – On March 3-5, 2015, HAMMER hosted the March Training Event with the National Institute of Environmental Health Sciences and the National Training Center. Training professionals came from all over the United States to see HAMMER and hear presenters from several DOE sites. Site contractors supported the event by allowing all Hanford worker-trainers to attend.

LOOK AHEAD

Stop Work Briefings – Personnel from Safety & Health (S&H) and the Hanford Atomic Metal Trades Council (HAMTC) developed and provided a stop work briefing for MSA senior staff to deliver to each of their work groups. The presentation addresses requirements of the Stop Work procedure, DOE-343, provides various scenarios, and includes a flowchart to help understand the process.

Health & Safety Exposition (EXPO) – For the sixth year, MSA is the executive sponsor and has primary responsibility for coordinating the upcoming Health and Safety EXPO that will be held at the Trade Recreation and Agricultural Center (TRAC) in Pasco, on May 12 -13, 2015. This is the 21st year that Hanford contractors have supported this community outreach effort for safety and health at work and in the local area. To date,



all booth-space has been filled by Hanford contractors, Pacific Northwest National Laboratory (PNNL), and a variety of exhibitors from across the United States. Information on products and services focused on maintaining a safe and healthy lifestyle, both at home and in the workplace will be provided for all attendees.

MAJOR ISSUES

Hanford Centralized Consolidation/ Recycling Center (CCRC) Receives Notice of Violation (NOV) – DOE Richland Operations Office (RL) received an NOV for violations of the Resource Conservation and Recovery Act. These violations were identified as a result of inspections performed on the Hanford Site by Environmental Protection Agency (EPA) in April, May, and July of 2014. The NOV was directed to CH2M HILL Plateau Remediation Company (CHPRC), but Violation 4- “Universal Waste Lamp Containers,” was directed to the CCRC. During the May 14, 2014 inspection, it was revealed that two containers holding universal waste lamps were not in compliance with storage requirements.

Environmental Integration Services (EIS) Provides Briefing on Ecology NOV – EIS briefed the Hanford Site Central Environmental Committee on the Permit ST0004511 NOV issued by Ecology in a letter dated March 9, 2015. The letter alleges that MSA failed to identify that water discharges associated with water line breaks are an upset condition and required reporting under Permit ST0004511 Condition S8. The letter also alleges that MSA violated Permit Condition G11 by failing to notify Ecology within 30 days of its failure to comply with the permit. The Ecology letter requires that within 30 days of receipt of the NOV that a detailed written report in accordance with Permit Condition G11.C be provided for nine waterline leaks/breaks that have occurred since December 2013 that are identified in a table contained in the Ecology letter.

SAFETY PERFORMANCE

ESH&T had no Occupational Safety and Health Administration recordable injuries in March. First Aid was administered to an employee who sustained a strain to the right knee while using a handcart to move furniture.



BASELINE PERFORMANCE

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

Fund Type	March 2015					FY 2015 to Date				
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV
RL-40	\$0.3	\$0.3	\$0.5	\$0.0	(\$0.2)	\$37.6	\$37.6	\$41.5	\$0.0	(\$3.9)
SWS – RSS	\$0.0	\$0.0	\$0.1	\$0.0	(\$0.1)	\$3.8	\$3.8	\$4.3	\$0.0	(\$0.5)
SWS - Energy & Env. Services	(\$3.3)	(\$3.3)	\$1.1	\$0.0	(\$4.4)	\$81.6	\$81.6	\$72.6	\$0.0	\$9.0
SWS-S&H	\$0.7	\$0.7	\$1.2	\$0.0	(\$0.5)	\$70.7	\$70.7	\$84.8	\$0.0	(\$14.1)
SWS – Subtotal	(\$2.6)	(\$2.6)	\$2.4	\$0.0	(\$5.0)	\$156.1	\$156.1	\$161.7	\$0.0	(\$5.6)
Total ESH&T	(\$2.3)	(\$2.3)	\$2.9	\$0.0	(\$5.2)	\$193.7	\$193.7	\$203.2	\$0.0	(\$9.5)

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

EAC = Estimate at Completion

FYTD BASELINE PERFORMANCE VARIANCE

RL-40

Current Month Cost Variance (CV) (-\$0.2M) – The unfavorable current month variance is predominantly due to the prior assumption that less Environmental Management (EM) funding would be required because HAMMER could perform enough services for non-Hanford entities. This assumption was proposed but was rejected. As a result of this decision, the EM budget will remain lower than the EM funds authorized. This divergent situation will remain and continue to increase the FY 2015 cost variance. Services delivered at HAMMER will not be adversely affected because the services are executed consistent with the approved Integrated Priority List (IPL) scope. No other potential contributing performance issues were identified.

Contract-to-Date Cost Variance (CV) (-\$3.9M) – The unfavorable contract-to-date variance is predominantly due to the prior assumption that less EM funding would be required because HAMMER could perform enough services for non-Hanford entities. This assumption was proposed but was rejected. As a result of this decision, the EM budget will remain lower than the EM funds authorized. This divergent situation will remain and continue to increase the contract-to-date cost variance. Services delivered at HAMMER will not be adversely affected because the services are executed consistent



with the approved IPL scope. No other potential contributing performance issues were identified.

SWS - RSS Cost Variance

Current Month Cost Variance (CV) (-\$0.1M) – The unfavorable current month variance is predominantly due to the Radiological Site Services (RSS) move from Building 318 to the 200 West Area. This overrun will continue until the RSS move is complete.

Contract-to-Date Cost Variance (CV) (-\$0.5M) – The unfavorable contract-to-date variance is predominantly due to the RSS move to the 200 West Area. The FY 2015 IPL authorized work scope for moving RSS services from the 300 Area to the 200 West area, where SWS funding is provided. This overrun will continue until the RSS move is complete.

SWS – Energy and Environmental Services Cost Variance

Current Month Cost Variance (CV) (-4.4M) – The unfavorable current month variance is primarily due to MSA incorporating the negotiated FY 2014-FY 2017 credit proposal for Public Safety and Resource Protection (PSRP) during March, with the FY 2014-FY 2015 credit being entered as a current month entry (point adjustment).

Contract-to-Date Cost Variance (CV) (+\$9.0M) – The favorable contract-to-date variance is due to FY 2013-2014 IPL scope and approved funding reductions, resulting in FY 2014 staffing reductions. Most IPL scope, funding and staff were restored in FY 2015. The contract-to-date variance will continue and expenditures will be in accordance with approved funding and IPL scope.

SWS – Safety and Health Cost Variance

Current Month Cost Variance (CV) (-\$0.5M) – The unfavorable current month variance is primarily due to the approved IPL funding and work scope increases in the Radiation Protection (-\$0.3M), Worker Safety and Health (-\$0.2M), and Beryllium (-\$0.1M) accounts. The approved IPL funding and work scope continue at a higher level of support than the contract baseline assumed. No other potential contributing performance issues were identified.

Contract-to-Date Cost Variance (CV) (-\$14.1M) – The unfavorable contract-to-date variance is primarily due to IPL scope and approved funding increases in the Radiation Protection (-\$3.6M), Worker Safety and Health (-\$5.5M), and Beryllium (-\$4.3M) accounts. The approved IPL funding and work scope continue at a higher level of support than the contract baseline assumed. No other potential contributing performance issues were identified.



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MISSION SUPPORT ALLIANCE

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Information Management

Todd Eckman, Vice President

Monthly Performance Report

March 2015



Moving Systems from 4221 into 4220



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Introduction

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

KEY ACCOMPLISHMENTS

INFRASTRUCTURE SYSTEMS

Facility Pacification and Consolidation Performance Initiative Project – The facility pacification and consolidation project comprises removing all Hanford Local Area Network (HLAN) electronics from buildings 4221, 2506E1 and 2506E2, and converting the buildings to passive fiber optic cross-connect facilities. MSA IM has begun the 4220 facility transition and cutover, and technicians have transferred the special circuits with minimal impact to end users. Additionally, the engineering work package for Building 2506E2 has been updated in response to building removals and additions along Buffalo Avenue. This project will reduce the electrical footprint of the MSA IM resources, and reduce facility operations and maintenance costs.

MSA IM Upgrades VMware View – IM successfully upgraded the VMware View servers and moved all virtual desktop infrastructures (VDI) to the new environment. This upgrade was vital to allow MSA IM to increase the thin client deployment. The team's careful preparation was evident because of the small impact to users.

HLAN Voice over Internet Protocol (VoIP) Migration and Upgrade – IM successfully upgraded and migrated the VoIP system from a physical to a virtual environment. The migration moved more than 9,000 telephone devices to the new virtual call manager. Migrating and upgrading the new system engages the latest support platform, and positions the Hanford Site for future enhancement capabilities.



UNCLASSIFIED CYBER SECURITY

Personally Identifiable Information (PII) Project – MSA Cyber Security performed an assessment on the protection of PII residing on the Hanford Federal Cloud (HFC) information system. The scope of this assessment was an evaluation of applications currently identified in the Hanford Information System Inventory (HISI) that potentially contain PII. A preliminary report of assessment observations was provided to MSA management on March 17, 2015.

CONTENT & RECORDS MANAGEMENT

Digitization Team Reduces Physical Records Inventory – The Digitization team recently completed a project supporting Washington River Protection Solutions LLC (WRPS) Human Resources. In August 2014, 19 boxes of previously scanned documents were recalled from the Records Holding Area (RHA) for verification to ensure quality images and accurate metadata. Originally, these 33,588 documents containing more than 57,000 pages were scanned into the Integrated Document Management System (IDMS) as non-record material. Completing the verification effort, which included making corrections as needed to ensure quality and accuracy, enabled the electronic files to be designated “record” material and moved to IDMS Electronic Records. Completing the project allows the destruction of the hard-copy source documents, reducing the physical records inventory by 19 boxes.

INFORMATION SYSTEMS

Consolidated Nuclear Security Team Visits Hanford – MSA IM met with a Consolidated Nuclear Security team from the Y-12/Pantex contract who visited the Hanford Site for discussions and demonstrations of systems and tools used at Hanford. The tools demonstrated in the Portfolio Analysis Center of Excellence (PACE) included the Integrated Technical Data-mart, the Geographic Visualization Application, and the Ranked Integrated Priority List, as well as an extensive review of Information Technology systems accomplishments/plans, Issue Identification Form (IIF) and the Electronic Suspense Tracking and Routing System. The team also toured the Network Operations Center and Data Center. This was an informative and collaborative visit for both their team and MSA.

LOOK AHEAD

Server 2003 Retirement Project (Web Server Administrators) – With support ending for Windows Server 2003, all affected applications either must be migrated to newer host servers or retired. This effort requires engaging and coordinating with application



owners, developers, web server administrators, and other stakeholders. CH2M HILL Plateau Remediation Company (CHPRC) has 30 applications currently in production status. To date, three applications are set to be retired or are being replaced, six have been migrated to new development (DEV) and TEST servers, and most others are scheduled. All applications will be moved to new DEV and TEST hosts by early May, and all applications will be on new production servers before June 14, 2015.

MAJOR ISSUES

No issues identified.

SAFETY PERFORMANCE

There were no Occupational Safety and Health Administration recordable injuries. There was one First Aid injury involving a worker with a sprained elbow. There were no Vehicle Accidents reported in March.

BASELINE PERFORMANCE

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

Fund Types	March 2015					Contract-to-Date				
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV
RL-0020 - Safeguards & Security	\$0.2	\$0.2	\$0.2	\$0.0	(\$0.0)	\$8.7	\$8.7	\$11.4	\$0.0	(\$2.7)
RL-0040 - Nuc. Fac. D&D - Remainder Hanford	\$0.0	\$0.0	\$0.0	\$0.0	(\$0.0)	\$2.1	\$2.1	\$1.6	\$0.0	\$0.5
Site-Wide Services	\$2.6	\$2.6	\$2.2	\$0.0	\$0.4	\$212.0	\$212.0	\$208.6	\$0.0	\$3.4
Subtotal	\$2.8	\$2.8	\$2.4	\$0.0	\$0.4	\$222.8	\$222.8	\$221.6	\$0.0	\$1.2

ACWP = Actual Cost of Work Performed

CV = cost variance

BCWP = Budgeted Cost of Work Performed

FYTD = fiscal year to date

BCWS = Budgeted Cost of Work Scheduled

SV = schedule variance

BAC = Budget at Completion

EAC = Estimate at Completion

BASELINE PERFORMANCE VARIANCE

CURRENT MONTH BASELINE PERFORMANCE VARIANCE

Cost Variance (+\$0.4M) – MSA completed re-aligning the baseline to the negotiated contract, and using the approved change control process, implemented the re-aligned



baseline data. RL provided approval of the baseline data for reporting progress, and also provided an approved and funded priority list of items for MSA work scope.

The majority of the variances in these accounts are due to the approved funding and Integrated Priority List (IPL) scope being divergent from the baseline. FYTD variances will continue and expenditures will be in accordance with approved funding and IPL scope. Near the end of the fiscal year, MSA will assess any potential need for a cost growth proposal, and if deemed necessary, will develop and submit a proposal. In addition, Information Management is working on the Information Technology (IT) Request for Proposal (RFP) for an IT subcontractor.

CONTRACT-TO-DATE BASELINE PERFORMANCE VARIANCE

Cost Variance (+\$1.2M) – MSA completed re-aligning the baseline to the negotiated contract, and using the approved change control process, implemented the re-aligned baseline data. RL provided approval of the baseline data for reporting progress, and also provided an approved and funded priority list of items for MSA work scope.

The majority of the contract-to-date variances in these accounts are due to the approved funding and IPL scope being divergent from the baseline. FYTD variances will continue and expenditures will be in accordance with approved funding and IPL scope. Near the end of the fiscal year, MSA will assess any potential need for a cost growth proposal, and if deemed necessary, will develop and submit a proposal. In addition, IT is working on the RFP for an IT subcontractor in FY 2015.

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Portfolio Management

Steve Young, Vice President

Monthly Performance Report

March 2015



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INTRODUCTION

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

KEY ACCOMPLISHMENTS

Hanford Lifecycle Scope, Schedule and Cost Report (Tri-Party Agreement [TPA] Milestone M-036-01) – PFM supported the Quarterly Milestone progress review report and the March 19, 2015 Project Manager’s Meeting (PMM). PFM supported RL’s proposal in response to the Washington Department of Ecology’s (Ecology) request for an alternatives analysis of the cesium and strontium capsule storage. Since RL and Ecology differ on the scope of the analysis, a follow up meeting is planned for April 9, 2015.

Fiscal Year (FY) 2017-2021 Budget Formulation – PFM supported updates to the FY 2017-2021 Budget Formulation Integrated Priority List (IPL) resulting from DOE project and work scope reviews. The RL IPL is due to the Office of Environmental Management (EM) on April 24, 2015. The IPL is the primary product for the budget request evaluation process.

PFM continues to support updates to the FY 2016-2017 Budget Overview scheduled for presentation to the Regulators on April 17, 2015, and to the public on April 28, 2015. The purpose of the overviews are to receive feedback on cleanup budget priorities.

In addition, PFM supported RL’s development of strategic planning cases for submittal to EM. The planning supports EM’s preparation of FY 2017-2021 budget formulation guidance.



Dashboards and Project Data Management Support (PDMS) – PFM met with the Lockheed Martin Site Support and Web Management team to discuss the preliminary work scope for development of dashboards for the MSA Information Management (IM) organization. The dashboards would support project management and summary reporting.

Hanford Contract Alignment Board (HCAB) – The monthly Integration Support Team (IST) meeting was held on March 19, 2015. PFM assisted RL during the meeting, and provided meeting notes of key discussion points and actions. A new function was added to the HCAB dashboard that provides IST members with the opportunity to review Decision Summary Forms (DSFs) prior to HCAB submittal for review and approval.

Additionally, PFM assisted RL Subject Matter Experts in the development of two DSF's, with a total of eight being processed at this time.

Analytical Tools – PFM completed development and began testing of an additional report to the Regulatory Decision Document (RDD) reporting system. The new report is in support of the Soil and Ground Water Remediation project under the Assistant Manager for River and Plateau (AMRP) and shows the RDD status for Groundwater operable units.

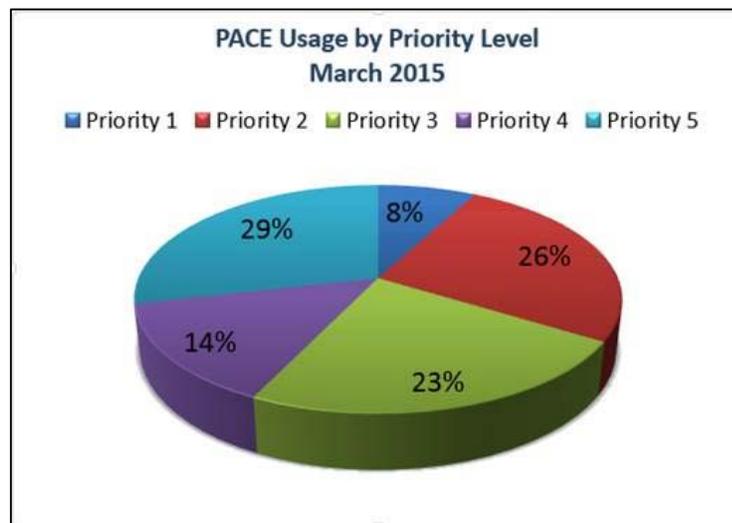
Technical Improvements – PFM provided technical review of the draft Data Quality Objectives (DQO), and participated in workshops on March 18, 25 and 26, 2015, to streamline groundwater monitoring in the 200-UP-1 and 100-BC-5 Operable Units.

PFM worked with the RL AMRP Deputy Manager to provide a demonstration of the Technical Improvements business process, Issue Tracker tracking system and dashboard to EM Headquarters and DOE Savannah River Operations Office. The system currently in use by RL is seen by external DOE sites as a successful example of the Technical Improvements process. PFM provided a cost, scope, and schedule estimate to RL for the delivery and deployment of the system to the Savannah River complex.

Portfolio Analysis Center of Excellence (PACE) – Metrics for the PACE are provided in hours/percentage of usage via a dashboard. For the month of March the metrics were as follows:

1. Priority 1 (client, includes DOE Headquarters [HQ], EM, RL, and ORP) – 3 hours
2. Priority 2 (client, includes RL/ORP Assistant Managers/Integrated Project Teams/Federal Project Directors) – 10 hours

3. Priority 3 (client, includes RL/ORP customers) – 9 hours
4. Priority 4 (Contractor, includes MSA/Washington Closure Hanford/CH2M HILL Plateau Remediation Company [CHPRC]/Bechtel National, Inc./Washington River Protection Solutions) – 5.5 hours
5. Priority 5 (Internal, includes MSA PFM) – 11 hours



In March, PFM provided a demonstration of the PACE, Dundas Dashboards and SharePoint in support of Bechtel National Incorporated (BNI) report development for the Waste Treatment Plant. PFM is working with BNI to set up an ongoing data feed to be used for the DOE Office of River Protection (ORP) dashboards.

LOOK AHEAD

Nothing to report.

MAJOR ISSUES

None to report.

SAFETY PERFORMANCE

There were no Occupational Safety and Health Administration recordable or First Aid injuries reported for PFM in March 2015.



BASELINE PERFORMANCE

Fund Type	March 2015					Contract-to-Date				
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV
1000HQ – DOE-HQ Funding	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.1	\$0.0	(\$0.1)
1000PD - Richland Program Direction	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.2	\$0.2	\$0.2	\$0.0	\$0.0
RL-0011 - Nuclear Mat Stab & Disp PFP	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
RL-0030 - Soil & Water Rem-Grndwtr/Vadose	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.1	\$0.1	\$0.1	\$0.0	\$0.0
RL-0040 - Nuc Fac D&D Remainder Hanfrd	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.1	\$0.1	\$0.0	\$0.0	\$0.1
RL-0041 - Nuc. Fac. D&D RC Closure Proj	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$1.1	\$1.1	\$1.0	\$0.0	\$0.1
Site-Wide Services	\$0.5	\$0.5	\$0.5	\$0.0	\$0.0	\$40.1	\$40.1	\$39.1	\$0.0	\$1.0
Subtotal	\$0.5	\$0.5	\$0.5	\$0.0	\$0.0	\$41.6	\$41.6	\$40.5	\$0.0	\$1.1

ACWP = Actual Cost of Work Performed

CV = cost variance

BCWP = Budgeted Cost of Work Performed

FYTD = fiscal year to date

BCWS = Budgeted Cost of Work Scheduled

SV = schedule variance

BAC = Budget at Completion

EAC = Estimate at Completion

BASELINE PERFORMANCE VARIANCE

Current Month Cost Variance (CV) (+\$0.0M) – Within threshold.

Contract-to-Date (CTD) Cost Variance (CV) (+\$1.1M) – The positive CTD variance is primarily due to activity in FY 2013: less Portfolio Management professional support was required than assumed and less consulting subcontract support was utilized. The positive variance is partially offset by additional Information Technology subcontract resources.

MISSION SUPPORT ALLIANCE

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President's Office

W. K. Johnson, President

R.E. Wilkinson, Chief Operations Officer

Monthly Performance Report

March 2015



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INTRODUCTION

The President's Office (PO) is comprised of site-wide services consisting of the Communications & External Affairs (C&EA) and Quality & Performance Assurance (Q&PA).

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

The scope of the Quality & Performance Assurance (Q&PA) organization is twofold. First, Q&PA establishes quality requirements for MSA and its subcontractors. Second, Q&PA provides MSA Management with the information to evaluate and improve all aspects of the organization and the structure to formulate effective corrective actions.

KEY ACCOMPLISHMENTS

COMMUNICATIONS

Hanford Advisory Board (HAB) – C&EA staff supported RL with the following Hanford Advisory Board activities during March:

- Developed an agency presentation for the HAB River and Plateau Committee meeting in Richland, WA. The update was tailored to the cleanup work along the river and included examples of how much work has been accomplished, and future plans.
- Assembling photos for RL budget briefings for Fiscal Years (FY) 2016 and 2017.

Assists With Regional Exercise – MSA coordinated a media availability with the Tri-City Herald newspaper and the local NBC television affiliate, on behalf of DOE and the Radiological Assistance Program (RAP). DOE's National Nuclear Security Administration's (NNSA) RAP program conducted a regional exercise with participants from Washington, Hawaii, Idaho, and California. Participants conducted environmental and radiological monitoring and collected samples from in and around the Tri-Cities area. MSA assisted with arranging an interview with the RAP Manager,



provided talking points and assisted the media with finding opportunities to capture photos and video of the field teams completing their work.

Opening of 2015 Hanford Site Public Tours Registration – On March 9, 2015, MSA supported the opening of DOE's online registration for the 2015 Hanford Site Public Tour season. MSA drafted revised information for the 2015 site public tours and oversaw all updates to the online registration website. Upon opening of the online registration, MSA facilitated questions from members of the public about the tours and will continue to do so throughout the tour season. The 2015 site public tours comprises 40 tours that operate on weekdays, beginning on April 21, 2015 and concluding on August 27, 2015.

QUALITY & PERFORMANCE ASSURANCE

Supplier Evaluations/Source Inspections – There were numerous Source Inspections and Audits performed during the reporting period in support of other Hanford contractors, including Washington River Protection Solutions LLC (WRPS), and CH2M HILL Plateau Remediation Company (CHPRC).

Source Inspection activities performed during the reporting period included:

- HiLine Engineering for WRPS: Hydro test was performed in accordance with American National Standards Institute (ANSI) / American Society of Mechanical Engineers (ASME) B31.3 requirements
- Columbia Energy and Environmental Services for CHPRC: Hydro test was performed in accordance with ANSI/ASME B31.3 requirements
- Scientific Services Inc for WRPS: inspection on the Extended Reach Sluicer System (ERSS) filters
- Orbit Industries for CHPRC: evaluation of the Ion Exchange Modules
- Northwest Copper for CHPRC: inspection on Heat Exchangers

Also: Performed an Audit at Nova Machine Products for WRPS in accordance with NQA-1-2008/2009a Part 1, Requirements 1-18, and Part II, Subpart 2.14.

LOOK AHEAD

None identified.

MAJOR ISSUES

None identified.



SAFETY PERFORMANCE

In March, the President’s Office reported no Occupational Safety and Health Administration (OSHA) Recordable injury or First Aid injury cases.

BASELINE PERFORMANCE

Table PO-1. President’s Office Cost/Schedule Performance (dollars in millions).

Fund Type	March 2015					Contract-to-Date				
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV
Site-wide Services	\$0.4	\$0.4	\$0.4	\$0.0	\$0.0	\$31.2	\$31.2	\$33.6	\$0.0	(\$2.4)
Subtotal	\$0.4	\$0.4	\$0.4	\$0.0	\$0.0	\$31.2	\$31.2	\$33.6	\$0.0	(\$2.4)

ACWP = Actual Cost of Work Performed. CV = cost variance.
 BCWP = Budgeted Cost of Work Performed. FYTD = fiscal year to date.
 BCWS = Budgeted Cost of Work Scheduled. SV = schedule variance.
 BAC = Budget at Completion. EAC = estimate at completion
 CTD = Contract-to-Date

BASELINE PERFORMANCE VARIANCE

Current Month Cost Variance (\$0.0) – No variance to report.

CTD Cost Variance (-\$2.4M) – The unfavorable CTD variance is due to Mission Support Contract (MSC) Strategy work scope that wasn’t assumed in the baseline. In addition, through the annual Integrated Priority List (IPL) process, the Quality Assurance organization has been authorized/funded to perform more work than planned in the baseline. The unfavorable variance is partially offset by a lower than planned volume of support requests for External Reviews.



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MISSION SUPPORT ALLIANCE

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Public Works

Lori Fritz, Vice President

Monthly Performance Report

March 2015



Removal of 385 Booster Station's diesel fire pump



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INTRODUCTION

The Mission Support Alliance, LLC (MSA) Public Works (PW) function provides a myriad of services to support a broad base of customers performing their respective Hanford Site missions. PW provides best-in-class operations and support services within a culture of safety, customer service and fiscal responsibility. PW services include: Strategic Planning and Reliability Projects (Infrastructure and Services Alignment Plan [ISAP]), Ten Year Site Plan and Reliability Projects, Site Infrastructure Services (Electrical Utilities, Water Utilities, B Reactor, Roads and Grounds, and Biological Controls), Facilities Management (Work Management, Operations & Maintenance and Custodial Services), Real Property & Projects, and Compliance & Risk Mitigation. PW'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

385 Diesel Fire Pump Removal and Crating – In March, MSA Water and Sewer Utilities (W&SU) staff, supported by MSA Maintenance crews, completed removal and crating of the 385 Booster Station's diesel fire pump for shipment offsite. The pump's removal and crating came one week after a third-party engineering forensics company visited the Site to begin an independent analysis to determine the cause of the pump's failure. CASE Forensics will be evaluating material quality, system design, fatigue factors, and balancing harmonics, along with any other possibilities which lead to pump failure. The pump will be shipped offsite to complete the evaluations.



Removal of 385 Booster Station's diesel fire pump

Electrical Utilities Completes A-8 Switchgear Preventive Maintenance – Substation electricians performed their annual 13.8kV switchgear preventive maintenance (PM) at the A-8 Substation. This activity required the electricians to clean and test 13.8kV breakers. Before each breaker was placed back into service, meter relay technicians performed a "trip test" to ensure the breaker protection relays were operating properly. The PM was completed ahead of schedule with no issues or concerns.



Cleaning and testing 13.8kV breakers

Replacement of Wooden Crossarms at Environmental Restoration Disposal Facility (ERDF) – Electrical Utilities lineman took advantage of an ERDF day off to replace four wooden, worn crossarms on pole G502 near the entrance to the ERDF pit. Lineman discovered the defective crossarms during their annual 13.8kV line patrol activities.



Replacement of defective crossarms



LOOK AHEAD

Interim Safe Storage (ISS) Reactor Entries – The draft work package for the four ISS reactor entries and assessments was completed on March 12, 2015. The package provides detailed procedures that will be followed during the ISS inspections. On March 23, 2014, MSA Long-Term Stewardship mobilized trailers for the upcoming entries. Mobilization for the ISS inspections began in late March; MSA is scheduled to complete the five-year inspections of the C, D, H, and N reactor buildings in April 2015.

MAJOR ISSUES

Nothing to report.

SAFETY PERFORMANCE

During the month of March, there were no Occupational Safety and Health Administration recordable injuries reported within Public Works. There was one minor First Aid case reported when an employee suffered a shoulder strain while shoveling.



BASELINE PERFORMANCE

Table PW-1. Public Works Cost/Schedule Performance (dollars in millions).

Fund Type	March 2015					Contract-to-Date				
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV
RL-0014 - Rad Lqd Tk Wst Stab & Disp Ops	0.4	0.1	0.2	(0.3)	(0.1)	\$3.1	\$2.9	\$2.6	(\$0.2)	\$0.3
RL-0020 - Safeguards & Security	0.0	0.0	0.0	0.0	0.0	\$1.3	\$1.3	\$1.6	\$0.0	(\$0.3)
RL-0040 - Nuc. Fac. D&D - Remainder Hanf	0.0	0.1	0.0	0.1	0.1	\$46.8	\$46.7	\$54.7	(\$0.1)	(\$8.0)
RL-0041 - Nuc. Fac. D&D - RC Closure Proj	0.2	0.2	0.1	0.0	0.1	\$13.9	\$13.9	\$13.4	\$0.0	\$0.5
RL-0044 - B Reactor	0.0	0.0	0.0	0.0	0.0	\$0.0	\$0.0	\$0.1	\$0.0	(\$0.1)
RL-0100 - Richland Comm & Reg Supt	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.3	\$0.0	(\$0.3)
Site-Wide Services	\$8.5	\$8.5	\$3.8	\$0.0	\$4.7	\$233.8	\$233.8	\$245.9	\$0.0	(\$12.1)
Subtotal	\$9.1	\$8.9	\$4.1	(\$0.2)	\$4.8	\$298.9	\$298.6	\$318.6	(\$0.3)	(\$20.0)

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.

EAC = Estimate at Completion

BASELINE PERFORMANCE VARIANCE

Current Month Schedule Variance (SV) (-\$0.2M) – Within threshold.

Current Month Cost Variance (CV) (\$4.8M) –

SWS – Waste Sampling and Characterization Facility (WSCF) Analytical Services is no longer operating however the baseline budget was adjusted \$5.7M to incorporate the definitized FY 2014 Waste Sampling and Characterization Facility (WSCF) cost variance proposal as a current month entry (point adjustment). Variances in Electrical Services (-\$0.2M), Water Services (-\$0.6M), Land Use Planning and Management (-\$0.1M), and Central Engineering (\$0.3M) are due to the approved funding and priority list scope being divergent from the baseline.



Contract-to-Date Schedule Variance (SV) (-\$0.3) – Within threshold.

Contract-to-Date Cost Variance (CV) (-\$20.0M) – The cumulative variances are due to the approved funding and priority list scope being divergent from the baseline. The key drivers to this variance are as follows:

- 1) SWS Electrical Utilities – More material procurements were made due to new requirements that were not included in the baseline. These new requirements were the disposal of Power/Telecommunications lines to the Environmental Restoration Disposal Facility, a trailer mounted load center, bushings to replace the A-9 Transformer (needed for an unplanned outage), spare parts from a vendor who is going out of business, an infrared camera, and an analyzer. Finally, the baseline was not adequate for a number of maintenance items that needed to be replaced due to the aging life of the infrastructure on the Hanford site. An Enhanced Maintenance Program has been established to better predict future system failures and performance of Predictive Maintenance versus the Preventative Maintenance method. Electrical Services is significantly divergent from the baseline. Contract to date variance (-\$12.4M).
- 2) SWS Water & Sewer Utilities – Staffing levels are currently higher than the baseline due to the maintenance activities required to keep the water and sewer distribution system maintained. The system has degraded across the site due to age. W&SU is also part of the Enhanced Maintenance Program, and has compliance issues that have increased the cost to the program. Water & Sewer Utilities is significantly divergent from the baseline. Contract to date variance (-\$13.3M).
- 3) Other significant SWS contract to date variances include WSCF (-\$2.3M), Roads & Grounds (+\$1.9M), Traffic Management (+\$1.5M), SI&L Program Management (-\$1.6M), Work Management (-\$1.3M), Land and Facilities Management (+\$2.1M), and Central Engineering (+\$7.9M), all of which have been previously reported.
- 4) RL-40 (-\$8.0M) includes variances from several prior year Infrastructure Reliability Projects that have also been previously reported. Those projects include: L-399, T-Plant Potable & Raw Water Line (+\$1.5M), L-311, 200W Raw Water Reservoir Refurbish (+\$4.0M), L-691, Construct Sewer Lagoon in 200 West (-\$3.0M), L-506, Upgrade RTUs & SLAN – CE (-\$1.4M), L-683, 251W Facility Mods for Dispatch Center (-\$1.5M), L-753, Maintenance Shelters for Crane & Rigging (+\$1.0M), Reliability Project Spares Inventory Change (-\$2.2M), ET-51, HLAN Network Upgrade - Phase 2 (-\$1.1M), L-713, Records Storage Facility (-\$2.2M), ET60,



Enterprise Voice over Internet Protocol (VoIP) Solution, Implementation (-\$2.5M),
Miscellaneous CENRTC (-\$0.7M).

MISSION SUPPORT ALLIANCE

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



Site Services & Interface Management

P.K. Brockman, Vice President

Monthly Performance Report

March 2015



Completed Duct Work for 222S Labs



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INTRODUCTION

The Mission Support Alliance, LLC (MSA) Site Services & Interface Management (SS&IM) function provides a myriad of services to support a broad base of customers performing their respective Hanford Site missions. SS&IM provides operations, support, and maintenance services within a culture of safety, customer service, and fiscal responsibility. SS&IM services include: Program Support/Waste Treatment Plant (WTP) Liaison, Interface Management/Customer Service, Crane & Rigging (C&R), Fleet Services, Motor Carrier Services, and Maintenance Services. SS&IM's goal is to provide effective and timely services that are centered on customer needs in support of the Hanford environmental cleanup objectives.

KEY ACCOMPLISHMENTS

Completed Ductwork for 222S Labs – Maintenance Services' sheet metal workers recently completed ductwork that is being assembled in support of the upcoming heating, ventilation, and air conditioning (HVAC) upgrades at the 222S-labs.

Crane & Rigging Supports CH2M HILL Plateau Remediation Company (CHPRC) Demolition Activities – C&R Services provided CHPRC with a dedicated crane operator to demolish various outbuildings located in the 100 Area. In the photos below, an Operator uses a track hoe outfitted with a shear.



Crane Shear Used for Building Demolition

C&R Supports CHPRC Modutank Cleanout –

C&R personnel helped the CHPRC Soil & Groundwater organization select the method to remove vegetation and soil accumulations in their Modutanks. The Modutanks are large above-ground storage basins used for accumulating well purge water. Cleanout methods used in the recently completed Liquid Effluent Retention Facility Basin cleanout were unacceptable due to concerns about damaging the liners. It was suggested that a clamshell bucket be used to perform the work, as it can be operated without coming into contact with the liner. C&R staff located a used clamshell bucket and assisted with acquisition. The work was completed within four days during March.



Clamshell bucket removing debris from Modutanks

Excavation / Pipe Repair at 506BA – On March 10, 2015, Maintenance Services began the first phase of the excavation/pipe repair for the septic system at the 506BA facility. Crews excavated both cleanout risers and made repairs. After excavating the west cleanout riser, a 45-degree elbow was uncovered which turned the 4-inch sewer pipe in a northwest direction towards the road rather than directly west as anticipated. Workers continued to pothole northwest to determine the tie-in point which was located halfway between the cleanout and the road. The polyvinyl chloride (PVC) pipe ties into the old clay sewer line. Maintenance Services will continue to pothole southwest to locate the sewer tank. The expectation is that the tank is somewhere 100' out in a southwest direction. Once the sewer tank is located, a path forward can be developed for the required repairs. This is a high priority job for Water/Sewer Utilities to address performance issues with the system.



Excavation / Pipe Repair at 506BA Facility

Re-striped Crosswalks for Washington River Protection Solutions LLC (WRPS) – MSA Painters re-striped 20 crosswalks in the 200 East Area. This was a high priority work activity for WRPS as some of the crosswalks had faded to the point where they could not be seen, creating a safety concern for the employees working in those areas. The issue was in the WRPS safety log book and was being tracked by the WRPS safety committee. The completion of this work resolved the safety concern.



Painters Re-Striping Crosswalks in 200 East Area

Removal of 385 Fire Pump – Supporting MSA Water Utilities, MSA Maintenance Services successfully removed the diesel driven fire pump from the platform at 385 Booster Station Platform. The Maintenance Services Mechanical Supervisor requested a driver, Health Physics Technician (HPT), and carpenter to support crating the pump for shipment. On March 24, 2015, a HPT surveyed the pump, then the pipefitter and teamsters loaded the unit into the pre-assembled crate. The carpenters secured the

crate, which was then relocated into a connex box by the Teamsters. MSA Water Utilities personnel are determining a date on when to transport the pump.



Fire Pump Removed and Placed in Crate for Transport

Inter-Contractor “Stop Work” Administrative Interface Agreement (AIA) – MSA Interface Management supported the MSA Environmental, Safety, Health, and Training (ESH&T) organization/Worker Protection Director in developing and issuing the AIA for the Inter-Contractor “Stop Work” Notifications between MSA and CHPRC, WRPS, and Washington Closure Hanford, LLC (WCH), (HNF-58406, Rev. 0). The AIA defines the roles and responsibilities for all contractors in the event that a “Stop Work” notification is declared at the Hanford Site.

MSA / WCH Field Activities AIA Completed – MSA Interface Management completed the MSA/WCH AIA which defines the companies’ respective areas of responsibility for field activities associated with the following tasks: bird nest survey and removal at the 105N/109N safe storage enclosure and five-year assessment activities at the 105C, 105D, 105H, and 105N/109N safe storage enclosures. This AIA will be used as a mechanism to temporarily transfer a 50-foot wide working radius of land surrounding the 105N/109N Reactor from WCH to MSA so that MSA may perform and control any work or radiological activities under MSA’s work control processes, Radiation Protection Plan, and Health and Safety Plan.

Service Catalog Activities – A planned MSA Service Catalog outage occurred on March 2, 2015. During the outage, workflow and forms were implemented that will allow MSA to capture more accurate metrics for the FY 2015 developmental performance measures for Biological Controls and Information Management. In addition, the Service Catalog Team met with representatives from MSA’s Facility Management and Facility Maintenance organizations to discuss the approval process for facility maintenance requests. The approval process was refined, and changes are



being developed to ensure that requests are routed to the correct approvers. Additionally, requests for the installation of portable toilets and hand-wash stations were made available in the Service Catalog on March 23, 2015. These new services can be found within the “Utilities” group in the MSA Service Catalog.

Updated Service Delivery Documents – Six Service Delivery Documents (SDDs) were reviewed and updated throughout the month of March. The revised documents were published on March 30, 2015, and include:

- SDD J3-13, Personnel Security – Foreign National Visits and Assignments
- SDD J3-14, Cyber Security – Classified and Unclassified Cyber Security
- SDD J3-15, Nuclear Material Controls and Accountability
- SDD J3-16, Safeguards and Security (SAS) Awareness
- SDD J3-17, SAS Program Management
- SDD J3-18, Site Training Services and Hazardous Materials Management and Emergency Response (HAMMER)

LOOK AHEAD

Upcoming Contractor Interface Board (CIB) Meeting – MSA Interface Management will participate in the upcoming CIB meeting which will be hosted by CHPRC on April 23, 2015.

MAJOR ISSUES

Plutonium Finishing Plant (PFP) Activities – Recent respiratory equipment concerns have slowed cleanup efforts at PFP, pushing demolition activities back to the December 2015 – January 2016 timeframe. This is a concern as MSA C&R was planning on hiring additional crane operators to immediately assign to PFP. MSA is currently considering CHPRC’s request that MSA iron workers and riggers report to work at PFP and remain there throughout the day, including lunch and breaks, and depart work from PFP each day.

Tank C-102 Scaffolding Inspections – MSA C&R contacted MSA Interface Management regarding a concern expressed by the WRPS Safety organization regarding the frequency that MSA C&R inspects scaffolding in the C-102 farm. When the work package for the scaffolding support to the C-102 farm was being drafted, WRPS requested that MSA’s procedure be referenced in the work package because they believed that the WRPS procedure was not adequate. MSA’s procedure specifies that if the competent individual inspecting the scaffolding finds that it is being used for



“maintenance, modification, and/or construction work” then the crane should be inspected before every shift. MSA identified the tank C-102 scaffolding as one that should be inspected before every shift and had been inspecting it on this schedule for some time. Recently, WRPS Safety contacted MSA C&R and requested that the tank C-102 scaffolding work package be revised to reference the WRPS scaffolding procedure so that the tank C-102 scaffolding could be inspected monthly rather than before every shift. According to MSA C&R, because the scaffolding in tank C-102 is used heavily, it would not be safe to inspect it only once per month. MSA Interface Management agreed to discuss this topic with WRPS Interface Management to determine whether or not this is the official position of WRPS Safety and how MSA C&R should proceed.

SAFETY PERFORMANCE

During the month of March, there were no Occupational Safety and Health Administration recordable injuries reported within SS&IM. There were two minor First Aid cases: an employee reported a back strain after getting up from a table, and another employee suffered a twisted ankle on an uneven surface.

BASELINE PERFORMANCE

Table SS&IM-1. Site Services & Interface Management Cost/Schedule Performance (dollars in millions).

Fund Type	March 2015					Contract-to-Date				
	BCWS	BCWP	ACWP	SV	CV	BCWS	BCWP	ACWP	SV	CV
Site-wide Services	\$0.6	\$0.6	\$0.3	\$0.0	\$0.3	\$25.4	\$25.4	\$33.0	\$0.0	(\$7.6)
Subtotal	\$0.6	\$0.6	\$0.3	\$0.0	\$0.3	\$25.4	\$25.4	\$33.0	\$0.0	(\$7.6)

ACWP = Actual Cost of Work Performed.

BCWP = Budgeted Cost of Work Performed.

BCWS = Budgeted Cost of Work Scheduled.

BAC = Budget at Completion.

CV = Cost Variance.

FYTD = Fiscal Year to Date.

SV = Schedule Variance.

EAC = Estimate at Completion

BASELINE PERFORMANCE VARIANCE

Current Month Cost Variance (CV) (+\$0.3M) – Current month variance is primarily due to incorporating the Fiscal Year (FY) 2014 Waste Sampling and Characterization Facility (WSCF) cost variance proposal as a current month entry (point adjustment).



Contract-to-Date Cost Variance (CV) (-\$7.6M) – The Contract-to-Date cost variance is due to the differences between the contract baseline and the approved and funded priority list (IPL) of items for MSA work scope for FY 2013 - FY 2015. These items include:

- 1) Increased support required for Interface Management, including additional staff and support for Liaison Services.
- 2) Unplanned WSCF Analytical Services Closeout Transition – MSA has negotiated a contract change proposal for this work scope which will be incorporated into the baseline in April 2015.



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