

Environmental Management Performance Report

July 2002



E0208032



Department of Energy
Richland Operations Office



Bechtel Hanford, Inc.
Environmental Restoration Contractor

Data as of month-end July

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INTRODUCTION

The monthly Environmental Restoration (ER) Environmental Management Performance Report (EMPR) consists of four sections: Section A - Executive Summary, Section B – River Corridor Restoration, Section C - Central Plateau Transition, and Section D – Site Integration and Infrastructure. Sections A and B data are current as of July 31, 2002. Sections C and D contain summary data as of June 30 when this scope was transitioned to Fluor Hanford, Inc. (FH) (financial data reflects current-month status).

Section A – Executive Summary. The Executive Summary begins with a description of notable accomplishments that are considered to have made the greatest contribution toward safe, timely, and cost-effective Hanford Site cleanup. Safety statistics are also included. Major commitments are summarized that encompass Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) milestones and fiscal year 2002 (FY02) Environmental Management (EM) corporate performance measures and objectives. Fiscal year-to-date ER Project cost and schedule variance analysis is summarized. Issues that require management and/or regulator attention are addressed along with resolution status. The Key Integration Activities section highlights site activities that cross contractor boundaries, supporting overall Hanford Site goals. The Executive Summary ends with a listing of major upcoming planned key events (90-day look ahead).

Section B – River Corridor Restoration. This section contains more detailed Environmental Restoration Contractor (ERC) monthly activity information and performance status for the three Project Baseline Summaries (PBSs) within the River Corridor Restoration outcome. These three PBSs consist of RC01 - 100 Area River Corridor Cleanup, RC02 - 300 Area Cleanup, and RC05 - River Corridor Waste Management.

Section C – Central Plateau Transition. This section contains summary ERC activity information through June 30 (financial data reflects current-month status), for one PBS (CP01 – 200 Area Remediation). ERC Central Plateau Transition workscope was successfully transitioned to FH on June 30 as part of the U.S. Department of Energy (DOE) Richland Operations Office (RL)-directed Central Plateau transition.

Section D – Site Integration & Infrastructure. This section contains summary ERC activity information through June 30 (financial data reflects current-month status), for two PBSs (SS03 – Groundwater Management and Monitoring, and SS04 – Groundwater/Vadose Zone [GW/VZ] Integration). ERC Site Integration and Infrastructure workscope was successfully transitioned to FH on June 30 as part of the RL-directed Central Plateau transition.

PBS SC01 – Near Term Stewardship is structured within the Site Stewardship outcome. Due to the minimal FY02 workscope identified for this PBS, SC01 performance data will be included in the Executive Summary cost/schedule overview.

Performance Incentive and Safety information in this report is identified with a green, yellow or red text box used as an indicator of the overall status. Green indicates work or issue resolution is satisfactory and generally meets or exceeds requirements, yellow indicates that significant improvement is required, and red indicates unsatisfactory conditions that require immediate corrective actions.

Section A - Executive Summary



River Corridor Restoration



Central Plateau Transition
(Transitioned to Fluor Hanford on June 30, 2002)



Site Integration & Infrastructure
(Transitioned to Fluor Hanford on June 30, 2002)

Data as of month-end July

**ENVIRONMENTAL MANAGEMENT PERFORMANCE REPORT
ENVIRONMENTAL RESTORATION
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SECTION A – EXECUTIVE SUMMARY

Data as of month-end July

NOTABLE ACCOMPLISHMENTS:

River Corridor Restoration:

The Remedial Design Report/Remedial Action Work Plan for the 100 Area, Rev. 4, was completed and submitted for concurrent U.S. Department of Energy (DOE) Richland Operations Office (RL) and regulator review on July 8. Pipeline plume excavation progressed in the 100 B/C Area, and is planned for completion by mid-August. The 100 B/C Area Burial Grounds 90% design package is in internal review. The design package addresses burial grounds and the remaining sites still requiring remediation in the 100 B/C Area. Removal of overburden material from the F Reactor pipelines (near the reactor) was initiated. Two cleanup verification packages (CVPs) were also approved by the regulators during July. Acceleration of the 118-K-1 Burial Ground design was approved, and work was initiated on July 26.

During July, 65 drums of waste were removed from the 618-4 Burial Ground in the 300 Area. No additional drums were encountered during further excavation. Excavation and loadout of contaminated soil and debris continued. It is estimated that 3,338 metric tons (3,680 tons) of land disposal restricted (LDR) material will require shipment from the 618-4 Burial Ground.

During July, the Environmental Restoration Disposal Facility (ERDF) received 60,682 metric tons (66,891 tons) of waste, for a total of 497,302 metric tons (548,185 tons) received to date in FY02. A total of 3,357,914 metric tons (3,701,486 tons) have been disposed in ERDF since operations began in July 1996. A total of 557 drums from the 618-4 Burial Ground are being staged at ERDF.

A meeting was held with the Washington State Department of Ecology (Ecology) to discuss overall status of the Reactor Interim Safe Storage (ISS) project. Status of the removal action work plans for all four reactors and the D and H Reactor sampling and analysis plan for waste and soil characterization were also discussed. Walkdowns of the D, DR, and H Reactors were also provided for Ecology personnel.

100 Area River Corridor surveillance and maintenance (S&M) activities continued through July. Asbestos abatement was completed in the 100 Areas. Work was also initiated on B Reactor hazards mitigation electrical upgrades, fall hazard, roof panel repair, and valve pit walkway.

Central Plateau Transition:

The ERC Central Plateau workscope was successfully transitioned to FH on June 30 as part of the RL-directed Central Plateau transition.

Site Integration and Infrastructure:

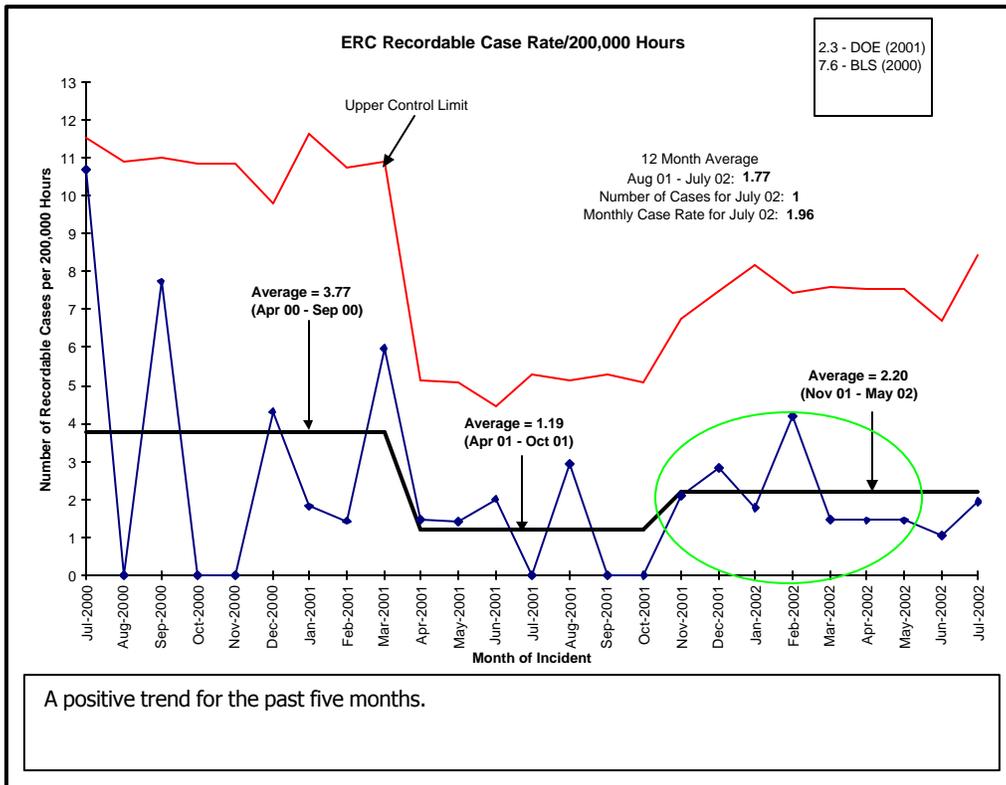
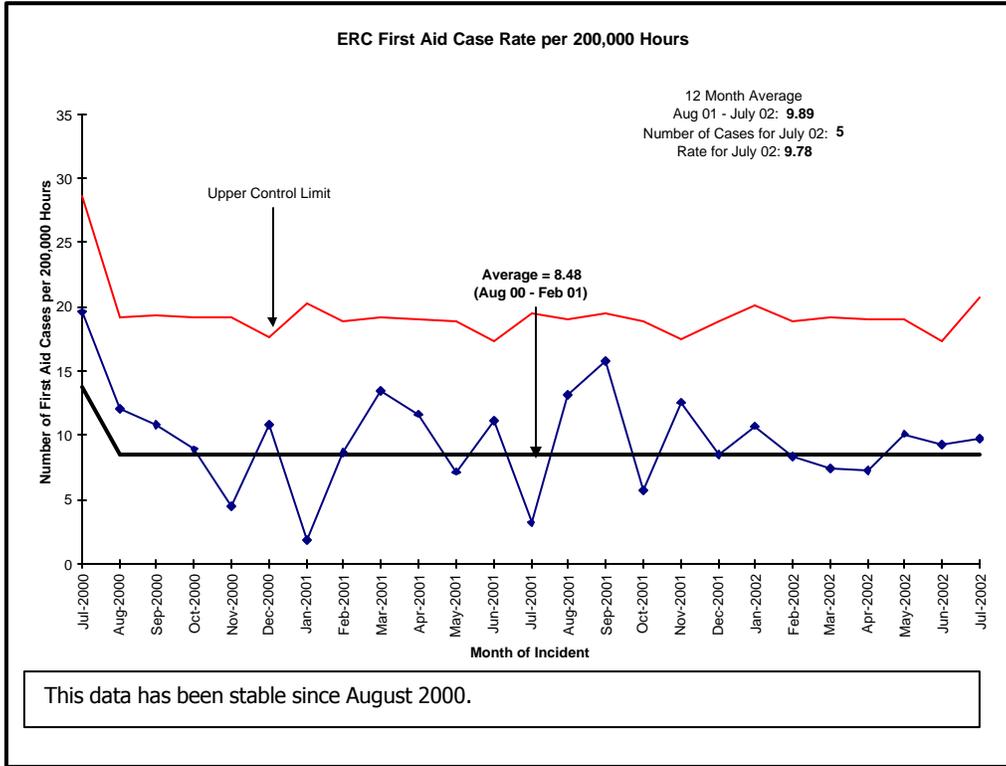
The ERC Site Integration and Infrastructure workscope was successfully transitioned to FH on June 30 as part of the RL-directed Central Plateau transition.

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SAFETY:

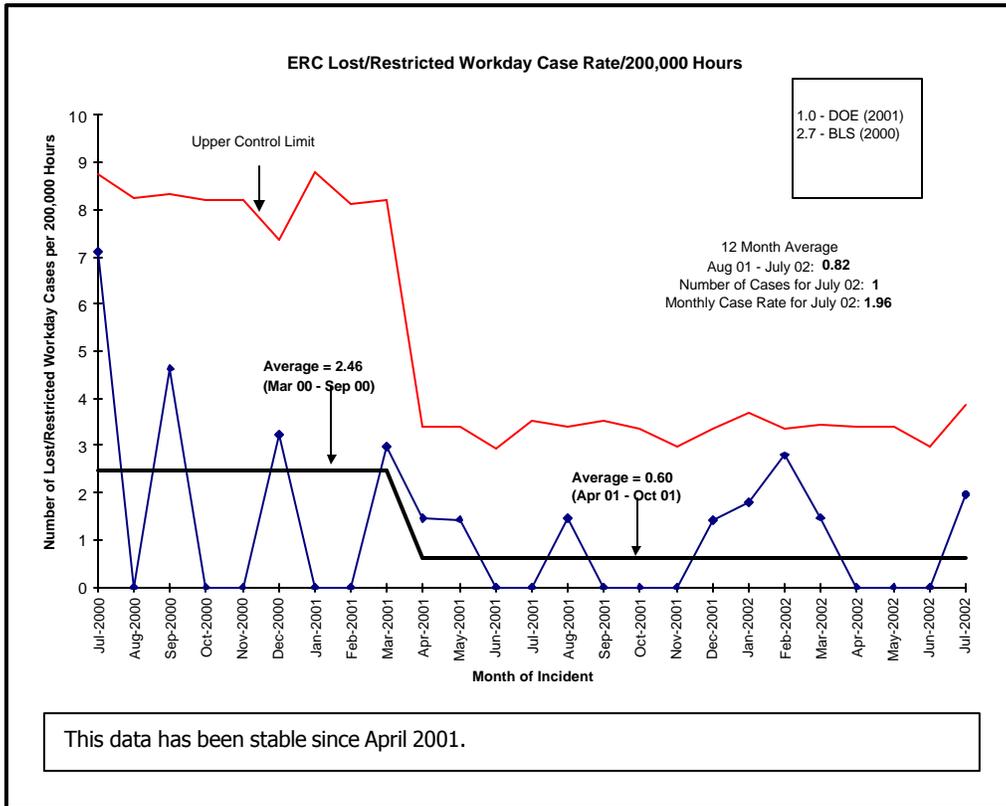


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SAFETY continued:



**ENVIRONMENTAL MANAGEMENT PERFORMANCE REPORT
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SAFETY continued:

The following actions have or are being taken by the ERC to focus on safety improvements:

- The ERC has set in motion the plans to obtain Voluntary Protection Program (VPP) Star Status recognition. A self-assessment is planned for September 2002.
- The ERC Subcontract Technical Representatives (STR) are implementing the use of a "Performance Review Form". This form is used to document subcontractor performance, safety, and contractual compliance.
- Field Support has completed revision to the Control of Hazardous Energy and Materials (Lockout/Tagout) procedure. The procedure became effective July 31.
- The ERC developed and implemented a new Control of Hazardous Energy and Materials (Lockout/Tagout) training course consisting of ten separate modules that can be administered commensurate with an individual's responsibilities.
- All accidents are thoroughly investigated. Emphasis is placed on causes and corrective actions that can be implemented where applicable. Timely discussions take place in safety meetings and plan of the day (POD) meetings. When investigations have been completed, the results of each investigation are sent to the Area Superintendents, Field Superintendents, and Supervisors to review at the PODs.
- Bechtel Hanford, Inc. (BHI) continues to look for trends and consults with corporate and other Bechtel National, Inc. (BNI) contacts for ways to enhance performance.
- The ERC continues to work closely with the Hanford Atomic Metal Trades Council (HAMTC) Safety Representative to resolve safety issues as they arise.
- Senior management continues to meet with small groups of employees in the field to discuss safety and personal commitment to safety.
- The Field Support General Superintendent and Project Safety Manager continue to visit different projects on a regular basis, meet with project team members, and conduct a safety walkaround. Area Superintendents for Decontamination and Decommissioning projects and Surveillance, Maintenance, and Transition projects are included in these walkarounds and will be visiting projects other than those for which they are responsible. Information from the walkaround is shared with the team and other Field Support personnel. Safety conditions requiring corrective action are assigned to project personnel or support personnel for action and are tracked to closure. This activity is ongoing.
- The ERC has invited "Brown Bag Speakers" to join employees during lunchtime at the 3350 George Washington Way facility to discuss various safety and health topics.
- Field Support personnel conduct weekly safety inspections, which are entered into a database and tracked to ensure all findings are closed. Daily inspections are also performed, and logged in the Project's Daily Logbook.
- The Field Support Subcontract's Manager, Safety, and Assessments, Regulatory, and Quality program personnel perform periodic management walkthroughs on BHI subcontractor operations.

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SAFETY continued:

	FYTD	Current Period (6/24/02- 7/21/02)	Current Period Comments
First Aid	63	5	(1) strain, (1) inflammation, (1) burn, (1) abrasion, (1) laceration
OSHA Recordable	13	1	(1) back pain
Restricted Workday Case	5	1	(1) same as 'recordable' above
Lost Workday Case	1	0	N/A

Status:

- As of July 27, 2002, the ERC has worked approximately 20,200 hours without a lost workday case. The last incident occurred on July 22, 2002. Continuous employee involvement is being fostered by the Integrated Environmental Safety and Health Management System (ISMS), VPP, labor alliance programs, e-mail communications, and one-on-one meetings with employees.
- An Incident Review Board (IRB) meeting was held on July 30 to discuss a shipment of drums from the 200 East Area to ERDF in which an employee inappropriately lowered radiological boundaries and entered a radiation area without a Radiological Work Permit. Details and corrective actions of the event will be captured through the ERC Lessons Learned program.
- ERC task teams were established to review oversight of subcontractors and flowdown of environmental, safety, and health requirements to subcontractors. A management review of both processes was performed. The corrective action plan is complete. Immediate corrective actions are now being worked and will be completed on schedule. Long-term corrective actions will provide for effective communication of requirements and positive subcontractor oversight. These corrective actions are scheduled to be completed by August 31.
- The ERC has recognized a trend in sprain and strain injuries. Heightened awareness regarding proper lifting techniques, the use of mechanical devices for lifting heavy or awkward loads, proper planning, and increased participation in low-impact stretching exercises prior to engaging in lifting or pulling activities are being utilized to reduce these types of injuries.
- The ERC Project Safety Manager is working with the Hanford Environmental Health Foundation (HEHF) exercise physiologist to develop a "train-the-trainer" program, which is designed to assist with the various causes of a sprain/strain injury and to review ERC's current exercise program. The ERC anticipates implementing the program to select non-manual and craft ERC personnel in September.
- A VPP communication plan has been completed and is being presented to project and office personnel during employee safety meetings, POD meetings, and staff meetings. A strategic plan is being formulated on conducting a VPP self-assessment later this summer. The VPP self-assessment will provide information relative to ERC strengths and weaknesses.
- The VPP Steering Committee developed a VPP Employee Survey, consisting of 59 yes/no questions and 2 write-in questions to gather opinions of the ERC Safety and Health program. The survey responses will be entered into a database. The results will assist the ERC VPP team to develop an improvement plan prior to conducting a VPP self-assessment.
- To date, the ERC has had 5 "brown bag speakers." The most recent speaker was Scott Belcher of the Benton County Sheriff's Office, who spoke on "Recreational Water Safety."
- The STRs were provided an electronic link to the Occupational Safety and Health Act of 1970 (OSHA) 1910 and 1926 Standards. Additionally, a hard-bound copy of the OSHA Health and Safety Standards has been obtained to enhance subcontractor oversight by the STR staff.
- ERC STRs were provided a draft summary checklist for subcontract Exhibit G, to assist the STR in identifying subcontractor safety and health requirements specified in Exhibit G of the subcontract documents.
- ERC has implemented the revised Control of Hazardous Energy and Materials (Lockout/Tagout) and is in the process of providing training to all essential personnel.

**ENVIRONMENTAL MANAGEMENT PERFORMANCE REPORT
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SAFETY continued:

Integrated Environmental Safety and Health Management System (ISMS):

Status:

BHI participated in Fluor Hanford, Inc. (FH) Hanford Site Resource Conservation and Recovery Act (RCRA) Permit Inspection of the 300 Area along with Ecology. There were some "waste like" items observed that are being evaluated by FH to determine if they meet the reporting criteria in the Permit. There were also some housekeeping concerns observed, although not directly related to BHI activities. Contacts are being made to determine the status of items found.

BHI transmitted the ERC Environmental Compliance Quarterly report for environmental compliance activities conducted and issues identified during the third quarter of FY02 to RL. This report highlights results of regulatory agency inspections, BHI self assessments, and is submitted quarterly to provide information regarding the ERC's environmental activities.

BHI completed an independent assessment of the ERC beryllium program. The assessment identified one "unsatisfactory, corrected immediately" concerning the listing of the beryllium assigned worker's training in the work package. The assessment also identified seven observations.

BHI issued responses to three RL Facility Representative (FR) surveillance reports on Lockout/Tagout (which included nine findings and one concern) to RL Operations Oversight Division. A supplemental response to FR Surveillance Report S-01-OOD-GENAREAS-015 related to subcontractor oversight was also issued.

Eleven quality surveillance reports, three assessments, nine occurrence reports, seven management walkthrough reports, and forty-three self-assessments for PAAA compliance review were screened.

The draft Sampling and Analysis Instruction (SAI) prepared by the ERC Decontamination and Decommissioning (D&D) project for characterization of the Pacific Northwest National Laboratory (PNNL) dog kennels was reviewed. The SAI supports identification of potential waste streams and sampling and analytical requirements to support preparation for demolition and disposal of the 331-B dog kennels.

The ERC is conducting the 100% Chemical Inventory Verification and integrating the results into a Management Assessment. This effort focuses on the storage and labeling of on-site chemical products. As part of the verification effort, the third quarter inventory is being conducted to determine if any shock-sensitive chemicals are stored on-site, and to establish if any chemicals listed in 40 CFR 355 are present. These efforts are scheduled for completion in August.

Immediate actions were taken to investigate the rollover of an ERDF truck that occurred on July 22. BHI conducted an initial fact-finding critique on July 23, issued a critique report, performed a plus-delta evaluation of emergency response/event scene mitigation, obtained witness statements, obtained a copy of the Benton County Sheriff's investigation report, and discussed the event with workers at POD meetings. BHI will commence an in-depth root cause analysis (RCA) of the incident on August 5. An RL FR participated in the July 23 critique, and will also participate in the RCA.

BHI continues toward full implementation of the ISMS Performance Objectives, Measures, and Indicators Process (hereafter referred to as metrics) that BHI communicated to RL in document BHI-01550. To date, BHI is collecting data for 22 of the metrics, with data collection for the remaining 2 scheduled to commence during August. Additionally, the processes that BHI committed to provide to address RL's "opportunities for improvement," and to institutionalize this process are either developed or scheduled for development over the next two months.

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SAFETY continued:

Significant accomplishments on this effort during July included:

Initiated data collection for the following metrics:

- ES&H Performance Measures - Environmental & Worker Protection Effectiveness - Emergency Preparedness
- ES&H Performance Measures - Environmental & Worker Protection Effectiveness - Voluntary Protection Program

Thus, all of the ES&H Infrastructure, ES&H Management System Effectiveness, and Environmental & Worker Protection Effectiveness metrics are implemented.

Five of the seven Compliance and Oversight metrics are implemented. The remaining Compliance and Oversight metrics, Self-Assessment Performance-Effectiveness of Self-Assessment Reports and Effectiveness of Corrective/Preventive Actions are scheduled for implementation in August.

Work on the ERC ISMS Metrics Webpage continued during July. The Webpage architecture is in place. Work continues on input screens and report spreadsheets. The Webpage will be used to input data, review current and historical data as well as metric definition information, suggest metric enhancements or changes, and provide other similar metric related information.

PROCESS IMPROVEMENTS:

Six Sigma:

Status:

- Implementation of the Six Sigma program across the ERC continued.
- Participated in a Six Sigma implementation and execution plan strategy session at the Yucca Mountain project and Nevada Test Site (NTS).
- Provided Six Sigma support to the RL Finance group month-end closing Process Improvement Project (PIP). The Failure Modes and Effects Analysis (FMEA) has been completed and a followup meeting is being set up to identify potential key causes of delays in the process based on the FMEA results.

Process Improvement Projects (PIPs) and status include:

- A meeting was held with NTS senior waste management and subject matter experts on the NTS / Hanford Virtual Waste Acceptance PIP (PIP #5). Topics of discussion included:
 - Pilot test (Improved process) implementation.
 - Selection of generator sites to participate.
 - Pilot test schedule and path forward.
- The Waste Management Data Processing PIP (PIP #7) is in the "Control" phase and about 90% complete.
- The Business Case was drafted for the Safety Basis (SB) Process (PIP #8) and a meeting was held with each participating BNI / DOE site to review the business case and current workflow processes for SB development. Each site's financial manager is reviewing the cost of poor quality submitted by the subject matter experts.
- The Planning & Controls Monthly Reporting PIP (PIP #9) is in the "Control" phase and about 90% complete.
- The Subcontractor Management PIP (PIP #10) is in the "Improve" phase and about 60% complete.
- For the RAWD Container Handling PIP (PIP #11), a simulation (model) to assess impact of factors affecting the daily transportation capability has been developed and is currently being tested versus historical (actual) data in support of finalizing the business case.

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MAJOR COMMITMENTS:

Tri-Party Agreement Milestones: At the beginning of FY02, 17 Tri-Party Agreement milestones were planned for completion (16 FY02 planned milestones and 1 "to be determined" [TBD] dated milestone). Through July, 16 milestones have been completed; 15 ahead of schedule, and 1 on schedule. During this fiscal year, three outyear milestones were accelerated and completed early, and three planned FY02 milestones were deleted per the Tri-Party Agreement change control process. On June 30, M-16-27C, "Complete 100-HR-3 Phase III ISRM Barrier Emplacement" (due September 30) was transitioned to FH as part of the RL-directed Central Plateau transition.

Total Tri-Party Agreement Milestones Due in FY02	16*
Total Planned Through July	13
Total Completed Through July	16

*Includes a "TBD" milestone

Remaining Tri-Party Agreement Milestones to be Completed in FY02	0
Forecast Ahead of Schedule	0
Forecast On Schedule	0

EM Corporate Performance Measures:

	DWP FY02	FY02 Mgmt Commitments	Current Baseline	Completed YTD
Waste Site Excavations	13	10*	14	12
Technology Deployments	0	3	7	7

*HQ IPABS currently reporting 12 (HQ change request pending). Performance measure commitments revised due to formal funding guidance received from RL in January and required project rebaselining.

**ENVIRONMENTAL MANAGEMENT PERFORMANCE REPORT
ENVIRONMENTAL RESTORATION
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PERFORMANCE OBJECTIVES:

Comprehensive performance incentives are noted below. Specific River Corridor and Central Plateau performance measures are identified in the following report sections.

Comprehensive Measure	Fee Allocation	Task	Status
 Safety	Negative fee only up to 50% of fee available for this PI.	Protect worker safety and health, public safety and health, and the environment.	No significant regulatory non-compliances and/or deficiencies identified in July. BHI's progress continues toward full implementation of the ISMS metrics. Subcontractor rollover accident is currently being investigated, and results will be reported next month.
 Financial Excellence	Incentive fee up to 20% of fee available for this PI.	The Contractor shall fulfill its contractual obligation in a fiscally responsible manner.	BHI continues to meet their contractual obligation in a fiscally responsible manner, including the area of cost/price.
 Effective Leadership	Incentive fee up to 30% of fee available for this PI.	Provide corporate leadership to improve management effectiveness, collaborate and participate proactively with our customers, value workers, and provide a supportive environment.	Effective leadership was demonstrated by consistently providing excellent support and products for media relations, public involvement, and general communications.
 Transition Activities	Incentive fee up to 50% of fee available for this PI.	Plan for and aggressively support a seamless transition of work from BHI to FH and from BHI to the new River Corridor Contractor.	Transfer Agreement with FH signed on June 27. Central Plateau transition was successfully completed on June 30. The Notice of Completion is planned to be transmitted to RL on August 7.

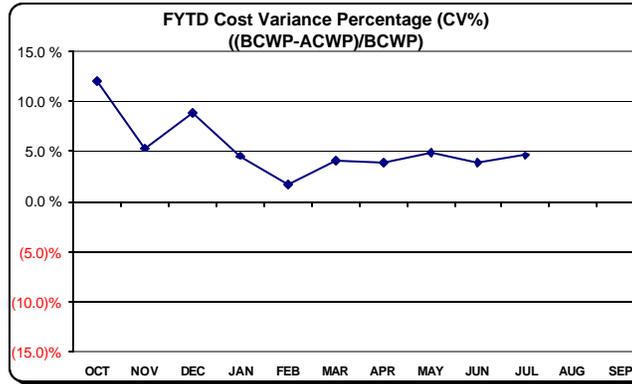
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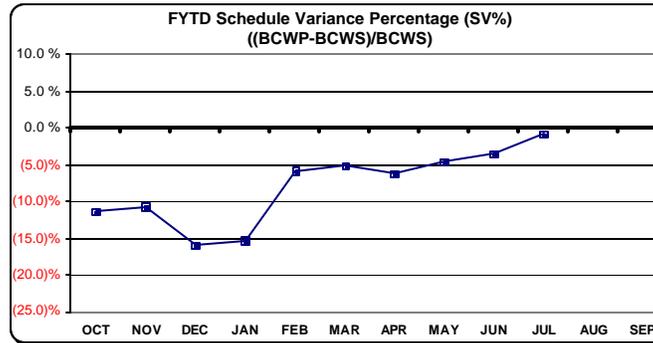
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TOTAL ERC COST/SCHEDULE OVERVIEW:

FY02 ER PERFORMANCE SUMMARY FYTD JULY 2002 (\$K)



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	EAC
CURRENT PERIOD													
ACWP	10,237	12,390	11,786	13,451	13,111	14,424	13,387	12,790	16,193	8,757			
BCWP	11,635	12,272	13,862	12,378	11,904	16,591	13,727	14,402	15,791	10,032			
FISCAL YEAR TO DATE													
ACWP	10,237	22,627	34,413	47,864	60,975	75,399	88,786	101,576	117,769	126,526			
BCWP	11,635	23,907	37,769	50,147	62,050	78,643	92,367	106,771	122,562	132,594			
CV	1,398	1,280	3,356	2,282	1,075	3,244	3,581	5,195	4,793	6,069			
CV%	12.0%	5.4%	8.9%	4.6%	1.7%	4.1%	3.9%	4.9%	3.9%	4.6%			
EAC (Cumulative)	10,237	22,627	34,413	47,864	60,975	75,399	88,786	101,576	117,769	126,526	136,672	149,786	150,239



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
DWP	10,994	11,433	14,984	13,383	12,125	15,162	12,865	12,486	13,558	11,837	12,074	14,835
DWP (Accum)	10,994	22,427	37,411	50,794	62,919	78,081	90,946	103,432	116,990	128,827	140,901	155,736
CURRENT PERIOD												
BCWS	13,121	13,631	18,145	14,309	6,629	17,063	15,535	13,523	14,917	6,716	8,835	11,582
BCWP	11,635	12,272	13,862	12,378	11,904	16,591	13,727	14,402	15,791	10,032		
FISCAL YEAR TO DATE												
BCWS	13,121	26,752	44,897	59,206	65,835	82,897	98,433	111,956	126,873	133,589	142,424	154,006
BCWP	11,635	23,907	37,769	50,147	62,050	78,643	92,367	106,771	122,562	132,594		
SV	(1,486)	(2,845)	(7,128)	(9,060)	(3,785)	(4,254)	(6,066)	(5,185)	(4,311)	(995)		
SV%	-11.3%	-10.6%	-15.9%	-15.3%	-5.7%	-5.1%	-6.2%	-4.6%	-3.4%	-0.7%		

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TOTAL ERC COST/SCHEDULE OVERVIEW continued:

**FY02 ER PBS PERFORMANCE SUMMARY
FYTD JULY 2002
(\$K)**

	FY02 DWP BCWS	CURRENT BCWS	FYTD			YTD SCHEDULE VARIANCE		YTD COST VARIANCE		EAC
			BCWS	BCWP	ACWP	\$	%	\$	%	
RC01	68,776	71,590	60,355	59,622	57,861	-733	-1.2%	1,761	3.0%	71,684
RC02	9,444	9,894	7,216	6,948	6,601	-268	-3.7%	347	5.0%	9,747
RC05	24,259	27,950	21,476	21,491	21,166	15	0.1%	325	1.5%	27,827
RCR-Subtotal	102,479	109,434	89,047	88,061	85,628	-986	-1.1%	2,433	2.8%	109,258
CP01	32,663	25,449	25,449	25,449	22,870	0	0.0%	2,579	10.1%	22,918
CPT-Subtotal	32,663	25,449	25,449	25,449	22,870	0	0.0%	2,579	10.1%	22,918
SS03	17,141	11,586	11,586	11,586	10,941	0	0.0%	645	5.6%	10,941
SS04	3,382	7,458	7,458	7,458	7,056	0	0.0%	402	5.4%	7,056
SI&I-Subtotal	20,523	19,044	19,044	19,044	17,997	0	0.0%	1,047	5.5%	17,997
SC01	71	79	49	40	31	-9	-18.4%	9	22.5%	66
SS-Subtotal	71	79	49	40	31	-9	-18.4%	9	22.5%	66
ERC TOTAL	155,736	154,006	133,589	132,594	126,526	-995	-0.7%	6,069	4.6%	150,239

Schedule Variance Summary:

Through July, the ER Project is \$1.0M (-0.7%) behind schedule. The negative schedule variance is attributed to delays in roof subcontractor key document submittals for DR Reactor safe storage enclosure (SSE), and fewer drums encountered at the 618-4 Burial Ground than baselined (BCP in process to realign workscope).

Cost Variance Summary:

At the end of July, the ER Project had performed \$132.6M worth of work, at a cost of \$126.5M. This results in a favorable cost variance of \$6.1M (+4.6%). The positive cost variance is attributed to lower labor and sampling costs at 100 Area remediation sites, labor savings at the 233-S facility decommissioning project, herbicide application and 100/200 Area surveillance labor savings, and 200 Area technology deployment savings at U Pond/Z Ditches.

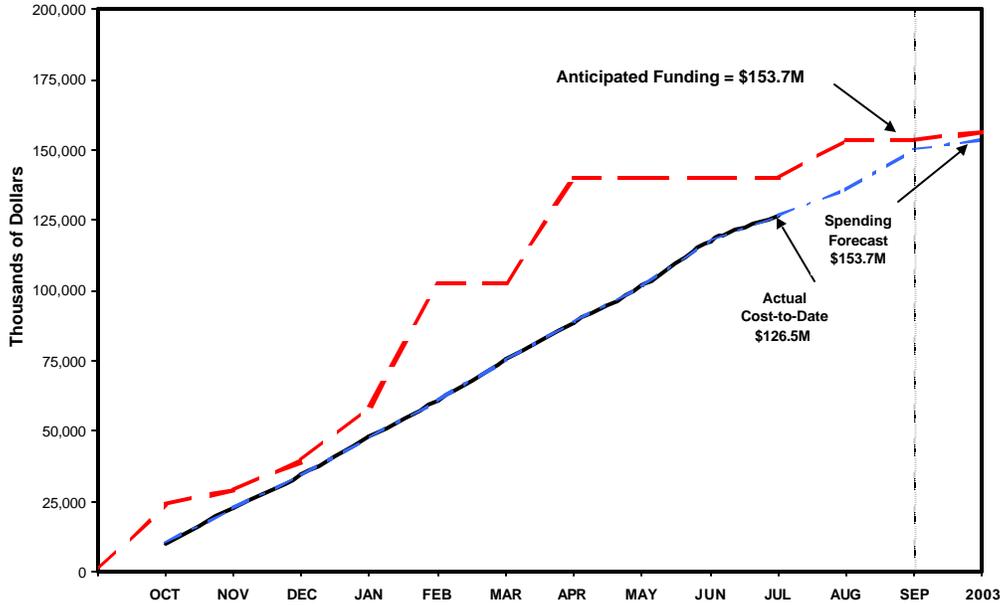
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ENVIRONMENTAL RESTORATION

JULY 2002

TOTAL ERC COST/SCHEDULE OVERVIEW continued:

FY02 FUNDING VS. FORECAST EXPENDITURES (EAC)



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	2003	TOTAL
ANTICIPATED FUNDING*	24,017	29,181	39,603	59,223	102,555	102,655	140,037	140,307	140,307	140,307	153,722	153,722	Est. Outyr. ETC	
ACTUAL/EAC ON APPROVED SCOPE														
1 Actual Cost Cumulative Through July	10,237	22,627	34,413	47,864	60,976	75,400	88,787	101,576	117,769	126,526				
2 Current Monthly Actuals/ EACs	10,237	12,391	11,786	13,451	13,111	14,424	13,387	12,790	16,193	8,757	10,146	13,114		
3 Cumulative Actuals/EACs on Approved Scope	10,237	22,628	34,414	47,865	60,976	75,400	88,787	101,577	117,770	126,526	136,672	149,786	453	150,239
JULY FY2002 APPROVED BCPs (Through 7/30/02)														
4 None.														0
5 Subtotal Approved Scope Changes											0	0	0	0
AUGUST FY2002 PENDING BCPs														
6 RC01 BCP-22107 116-F-1 Lewis Canal Waste Minimization											50	175		225
7 RC01 BCP-22117 Accelerate 116-N-1 Crib & Plume													958	958
8 RC01 BCP-22114 Additional Tonnage for Pipe Plumes Found Inside F Reactor Fence (Large Pipe)											173			173
9 RC02 BCP-22X07 Subcontractor Impact of LDR Soil at 618-4 Burial Ground												227		227
10 RC02 BCP-22098 618-4 Burial Ground Drum Reduction												(242)		(242)
11 RC02 BCP-22X08 Accelerate 618-5 Mobilization (FY02 Portion Only)												194		194
12 RC01 BCP-22112 Install Signage Along River Frontage												38	39	77
13 RC01 BCP-22121 Alternative Disposal Initiative at 183H												50		50
14 RC01 BCP-22X06 Excavators Replacement at (Reactor ISS)													920	920
15 RC01 BCP-22118 EE/CA for Alternate Borrow Source at F Area												26		26
16 ALL BCP-22X02 Prior Years Rebill Adjustments/Provisional Rate Reviews											(900)			(900)
17 ALL BCP-22X09 Increase to FY02 Legacy Retiree Medical Costs												240		240
18 ALL BCP-22X04 Efficiencies From Central Plateau Transition												(82)		(82)
19 ALL BCP-22096 Implementation of the River Corridor Contract Transition													1,283	1,283
20 ALL BCP-22X13 Sampling and Analysis for the 100 BC Baseline Risk Assessment Pilot												180		180
21 ALL Pending Scope Additions, Deletions, Etc.												154		154
22 Subtotal Approved BCPs + Pending BCPs											(677)	960	3,200	3,483
23 Current Monthly Actuals/EACs + August FY 2002 Approved + Pending BCPs	10,237	12,391	11,786	13,451	13,111	14,424	13,387	12,790	16,193	8,757	9,469	14,074		
24 Cumulative Actuals/EACs + August FY 2002 Approved + Pending BCPs	10,237	22,628	34,414	47,865	60,976	75,400	88,787	101,577	117,770	126,526	135,995	150,116	3,654	153,722

**ENVIRONMENTAL MANAGEMENT PERFORMANCE REPORT
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ISSUES (REGULATORY/EXTERNAL/DOE):

See individual Outcome sections.

KEY INTEGRATION ACTIVITIES:

See individual Outcome sections.

UPCOMING PLANNED KEY EVENTS:

River Corridor Restoration:

Present management reviews for ERC FY03 Detailed Work Plan (DWP) in August.

Transition ER River Corridor workscope upon award of new contract.

Section B - River Corridor Restoration

RC01 - 100 Area River Corridor Cleanup

RC02 - 300 Area Cleanup

RC05 - River Corridor Waste Management

H Reactor Fuel Storage Basin Cleanout and Demolition



Variance Sampling on Clean Overburden
Stockpile 7 in 100 B/C Area



100 N Area Final Grading of Plume 5 (foreground);
Plume 3 Excavation (background)



Repackaging Campaign for 618-4 Burial Ground Drums to be
Transported to the Central Waste Complex (CWC)

Data as of month-end July

**ENVIRONMENTAL MANAGEMENT PERFORMANCE REPORT
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SECTION B – RIVER CORRIDOR RESTORATION

Data as of month-end July

ACCOMPLISHMENTS:

General:

Progress continued as scheduled in the development of the ERC FY03 Detailed Work Plan (DWP) effort. The FY03 DWP is streamlined from past years' efforts and covers only the 12-month FY03 time frame (formerly, the DWP was a three-year plan). Management review presentations are planned for August 27-28 for RL, HQ, regulators, and stakeholders.

100 Area River Corridor Cleanup (RC01):

In the 100 B/C Area, excavation continued on plumes identified in pipelines 16, 17, 20, and 21. Updated estimates indicate that the plumes should be completed by mid-August. Variance sample locations were completed for pipelines 1-4, 6, 8, 12-15, and 24. The 100 B/C Area Burial Grounds 90% design package is in internal review. The design package addresses the burial grounds and the remaining sites still requiring remediation in the 100 B/C Area.

Removal of the F Reactor security fence was completed, and removal of overburden material from the reactor pipelines was initiated. Variance and closeout sampling of the 1607-F2 septic waste site and closeout sampling of the 126-F-1 ash pit were completed. Cleanup verification packages (CVPs) for the 100-F-2 strontium garden and 100-F-15, 100-F-4, 100-F-11, and 100-F-16 french drains were approved by the U.S. Environmental Protection Agency (EPA).

Planning meetings were held with the 100 K Area operations personnel (managed by FH) and the ERC Remedial Action and Waste Disposal personnel. In order to initiate soil remediation activities in the 100 K Area, security requirements will necessitate a new security fence be installed on the northwest side of the security buffer zone, which would place the 116-KW-3 and the 116-KE-4 retention basins outside the security buffer zone. Some additional equipment control measures and increased inspections will also need to be in place. FH and BHI personnel are addressing the issues, and a memorandum of understanding (MOU) is planned to be in place prior to the end of this fiscal year. Notice to proceed was provided to the subcontractor for design and mobilization of 100 K Area activities. Acceleration of the 118-K-1 Burial Ground design was also approved, and work was initiated on July 26.

In the 100 N Area, excavation of plumes 3, 4, and 5 was completed. Excavation of additional plumes will continue through the end of August. Recent sampling around the 116-N-1 Trench identified an additional 112,490 metric tons (124,000 tons) of plumes, bringing the total amount of current plumes to 136,000 metric tons (150,000 tons).

The Remedial Design Report/Remedial Action Work Plan for the 100 Area, Rev. 4, was completed and submitted for concurrent RL and regulator review on July 8.

A meeting was held with Ecology to discuss overall status of the Reactor Interim Safe Storage (ISS) project. Status of the removal action work plans for all four reactors and the D and H Reactor sampling and analysis plan for waste and soil characterization were also discussed. Walkdowns of the D, DR, and H Reactors were also provided to Ecology personnel.

At D Reactor, loadout of demolition debris in the below-grade fuel storage basin (FSB) was completed. Demolition of the FSB north/south/east walls and transfer pits and the north stairwell was also completed during July. Overall, D Reactor ISS is 75% complete.

At F Reactor, demolition of the FSB west wall down to -4.6 meters (-15 feet) was completed. Overall, F Reactor ISS is 83% complete.

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ACCOMPLISHMENTS continued:

At H Reactor, demolition/removal of the south FSB wall down to -3 meters (-10 feet) was completed, which included T-posts and the inner wall within the FSB. Full removal to the -5.2 meter (-17 foot) level (top of stem walls) has been initiated. Overall, H Reactor ISS is 34% complete.

Installation of the safe storage enclosure (SSE) at DR Reactor continued. Overall, DR Reactor ISS is 98% complete.

100 Area River Corridor S&M activities continued through July. Asbestos abatement was completed in the 100 Areas. A draft of the B Reactor ISS engineering evaluation/cost analysis (EE/CA) was prepared for internal review. Work was initiated on B Reactor hazards mitigation electrical upgrades, fall hazard, roof panel repair, and valve pit walkway. The engineering evaluation was also completed for KE/KW Reactors' roof leaks.

300 Area Cleanup (RC02):

During July, 65 drums of waste were removed from the 618-4 Burial Ground. Waste consisted of 30 drums of uranium chips with oil, 8 drums of uranium oxide, and 27 drums of anomalous waste. The method of burial ground waste sorting was changed to a gross sort followed by a secondary sorting. This has accelerated sorting of materials, which is expected to be completed by mid-August. During this sorting process no additional drums were encountered. Excavation and loadout of contaminated soil and debris continued. It is estimated that 3,338 metric tons (3,680 tons) of land disposal restricted (LDR) material will require shipment from the 618-4 Burial Ground based on toxicity characteristic leaching procedure (TCLP) analysis.

Draft reports were completed for the In Situ Object Counting System (ISOCS) deployment at the 618-4 Burial Ground. The ISOCS was deployed in May at the burial ground to determine the uranium isotope distribution of the waste drums prior to shipment. A total of 30 drums were assayed over a two-month period.

Several 300-FF-2 design documents were approved by RL and the regulators and subsequently issued. These documents included the Air Monitoring Plan, the 300 Area Remedial Design Report/Remedial Action Work Plan, the 300 Area Remedial Action Sampling and Analysis Plan, and the Final Hazard Classification and Auditable Safety Analysis for remediation of the 618-5 Burial Ground.

The residential land-use assessment scope is complete, and the final interoffice memorandum is expected to be issued by August 15.

River Corridor Waste Management (RC05):

During July, ERDF received 60,682 metric tons (66,891 tons) of waste, for a total of 497,302 metric tons (548,185 tons) received to date in FY02. A total of 3,357,914 metric tons (3,701,486 tons) have been disposed in ERDF since operations began in July 1996. A total of 557 drums from the 618-4 Burial Ground are being staged at ERDF.

Activities were initiated at ERDF to stabilize lead-contaminated soil from the 300 Area, encapsulate lead bricks in a macro-secure liner, stabilize waste from D Reactor, and dispose of K Basin fuel canisters. Waste transportation and disposal efforts were increased to support the Reactor ISS recovery plan.

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MAJOR COMMITMENTS (FISCAL YEAR PLUS 6 MONTHS):

TPA Milestone	Description	Due Date	(F)/(A) Date
M-16-00F	Establish Date for Completion of All 100 Area Remedial Actions	12/31/01	12/31/01 (A)
M-16-27B	Complete 100-HR-3 Phase II, ISRM Barrier Emplacement (Planning, Well Installation, and Barrier Emplacement)	12/31/01	11/20/01 (A)
M-93-12*	Issue 105-DR Disposition Competitive Procurement Package for Ascertain the Most Effective and Efficient Approach to FEIS ROD Selected Alternative Implementation (....)	2/28/02	Deleted
M-16-26B	Complete Remediation and Backfill of 51 Liquid Waste Sites in the 100-BC-1, 100-BC-2, 100-DR-1, 100-DR-2, and 100-HR-1 Operable Units and Process Effluent Pipelines in the 100-DR-1, 100-DR-2, and 100-HR-1 OUs. Complete Revegetation of 36 Liquid Waste Sites in the 100-BC-1, 100-DR-1, 100-DR-2, and 100-HR-1 OUs as Defined in RDR/RAWP for the 100 Area	3/31/02	12/11/01 (A)
M16-41B	Submit Closeout Verification Package for JA Jones 1 and 600-23 Waste Sites for EPA Approval	3/31/02	11/30/01 (A)
M-16-03A	Establish Date for Completion of 300 Area Remedial Actions	6/30/02	4/30/02 (A)
M-93-06	Complete Removal Action Work Plan/S&M Plan for B Reactor	6/30/02	6/27/02 (A)
M-16-03G	Establish an Environmental Restoration Disposal Facility (ERDF) Staging Area that is Ready to Receive Drummed Waste from the 618-4 Burial Ground in Accordance with an ERDF Record of Decision Amendment	9/30/02	4/10/02 (A)
M-16-41C	Complete Backfill and Regrading of JA Jones 1 and 600-23. Revegetation will occur during the following planting season	TBD	12/14/01 (A)
M-93-14	Initiate Negotiation of Remaining Surplus Reactor Disposition Schedules	6/30/03	4/30/20 (A)
M-93-15	Complete Negotiation of Remaining Surplus Reactor Disposition Schedules	12/31/03	4/30/02 (A)

*M-93-12 was deleted per Tri-Party Agreement change request M-093-01-02 on April 30.

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PERFORMANCE OBJECTIVES:

PI	Task (RL formally transmitted FY02 PIs on 4/30/02)
 <p>*River Corridor Remedial Action: Reduce Risk to Columbia River from Groundwater Contamination</p>	<p>Process 546,000 tons of contaminated soils and debris from as many as 20 targeted waste sites in the Columbia River Corridor and dispose in ERDF by 9/30/02. Status: 491,000 PI-related tons disposed at ERDF through July, achieving full schedule recovery.</p>
	<p>Construct drum staging area at ERDF and complete removal of all drums as defined in the FY02 DWP from 618-4 to ERDF staging area by 9/30/02. Status: Staging area completed on April 10; first drum shipment completed April 16. 557 drums are currently being staged at ERDF. Work is on schedule.</p>
	<p>Submit CVPs for 19 waste sites to DOE for transmittal to the regulators by 9/30/02. Status: CVPs have been completed. NOC to be submitted early August.</p>
	<p>Process 70,000 additional tons (for a total of 616,000 tons) of contaminated soils and debris from as many as 20 targeted waste sites and associated plumes in the Columbia River Corridor and dispose in ERDF by 9/30/02. (Stretch) Status: Work will commence upon completion of baseline tonnage.</p>
 <p>**Reactor Interim Safe Storage: Disposition Surplus Building</p>	<p>Conduct ISS activities at D Reactor. Status: On schedule.</p>
	<p>Conduct ISS activities at DR Reactor. Status: Subcontractor will complete roof by September 30.</p>
	<p>Conduct FY01 carryover ISS activities at F Reactor. Status: Completed. NOC to be submitted mid-August.</p>
	<p>Conduct ISS activities at H Reactor. Status: On schedule.</p>
	<p>Conduct ISS activities at F Reactor. Status: This PI requires revision due to additional hot spots encountered during FSB demolition than originally noted in PI. BCP transmitted to RL on July 31 for approval.</p>

*CV <5.0%; SV% <7.5% measured at the grouped RC01, RC02, RC05 PBS level.

**CV <5.0%; SV% <7.5% measured at the RC01 PBS level.

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PERFORMANCE MEASURES/METRICS:

FY02 Performance Measures Summary:

PBS	Release Sites	FY02 Mgmt Commit	Current Baseline Due Date	Forecast (F) Actual (A) Date
RC01	Complete Excavation - 100-F-2	X	11/30/01	1/26/02 (A)
RC01	Complete Excavation - 100-F-15	X	5/1/02	12/7/01 (A)
RC01	Complete Excavation - 100-F-19 (Segment 2)	X	8/12/02	10/30/02 (F)
RC01	Complete Excavation - 116-F-2	X	10/12/01	4/17/02 (A)
RC01	Complete Excavation - 126-F-1	X	6/5/02	6/14/02 (A)
RC01	Complete Excavation - 116-F-14	X	11/30/01	12/13/01 (A)
RC01	Complete Excavation - 116-F-9	X	11/26/01	4/15/02 (A)
RC01	Complete Excavation - 1607-F-2	X	7/30/02	6/10/02 (A)
RC01	Complete Excavation - 116-N-3	X	1/3/02	6/15/02 (A)
RC01	Complete Excavation - 100-F-4			11/30/01(A)
RC01	Complete Excavation - 100-F-11			11/30/01(A)
RC01	Complete Excavation - 100-F-12			11/30/01(A)
RC01	Complete Excavation - 100-F-16			11/30/01(A)
RC02	Complete Excavation - 618-4	X	8/15/02	11/27/02(F)
Total		10*	14	2 (F) 12 (A)

*HQ IPABS currently reporting 12 (HQ change request pending). Performance measure commitments revised due to formal funding guidance received from RL in January and required project rebaselining.

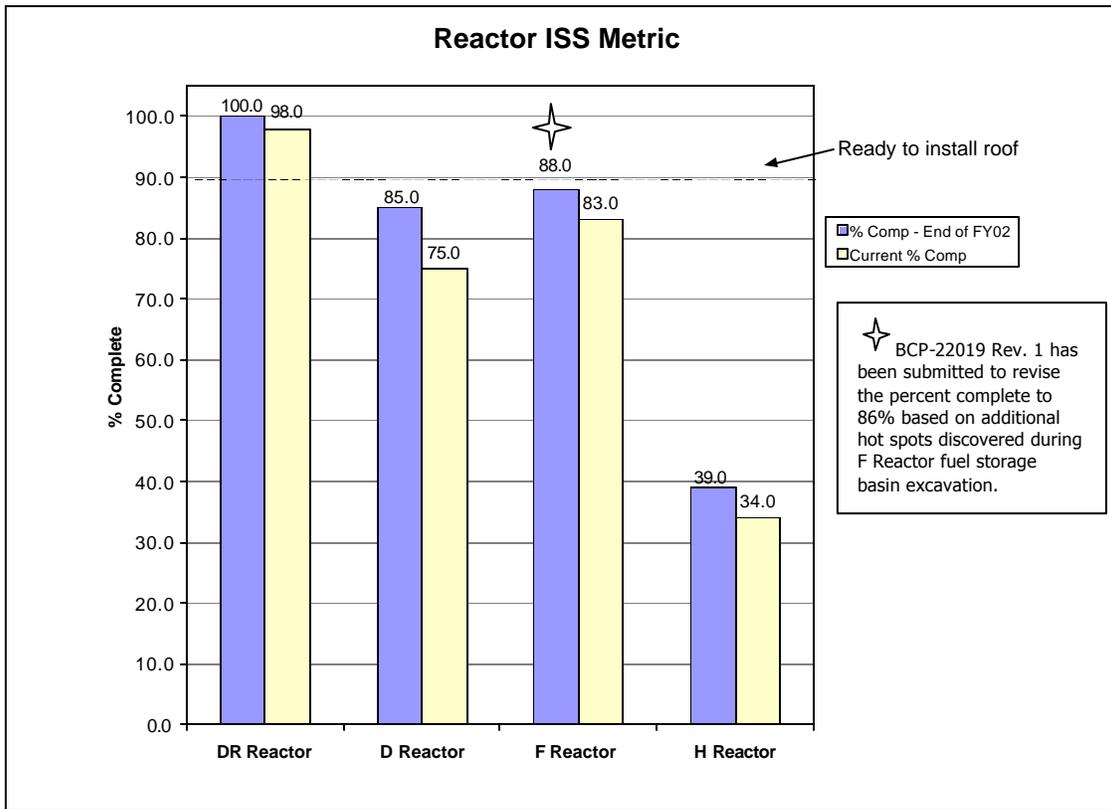
PBS	Technology Deployments	Planned Date	(F)/(A) Date
RC02	In Situ Object Counting System for Drum Characterization		5/02 (A)

ENVIRONMENTAL MANAGEMENT PERFORMANCE REPORT

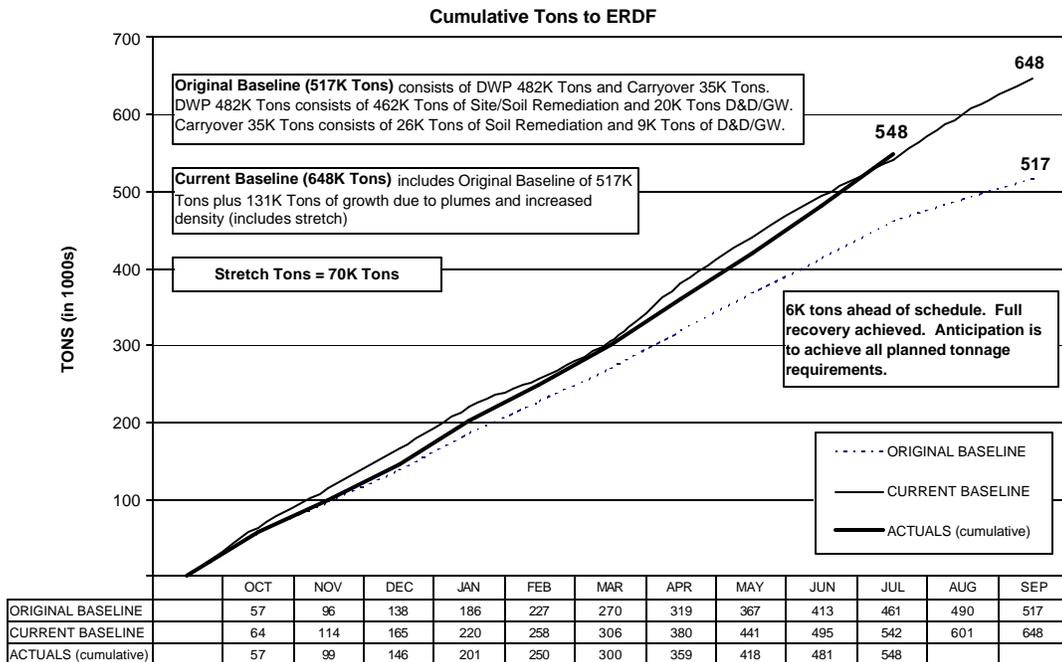
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PERFORMANCE MEASURES/METRICS:



Remedial Action Metric



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STRETCH AND SUPERSTRETCH GOALS:

FY02 Remedial Action Stretch Goals	Approved Tons (K)
Process 70,000 additional tons (for a total of 616,000 tons) of contaminated soils and debris from as many as 20 targeted waste sites and associated plumes in the Columbia River Corridor and dispose of in the ERDF by 9/30/02.	70.0K
TOTAL Remedial Action Stretch Goals:	70.0K

OUTCOME STATUS (COST/SCHEDULE):

Schedule:

River Corridor Restoration	BCWS	BCWP	Variance
	\$K	\$K	\$K
RC01 100 Area River Corridor Cleanup	60,355	59,622	(733)
RC02 300 Area Cleanup	7,216	6,948	(268)
RC05 River Corridor Waste Management	21,476	21,491	15
TOTAL River Corridor Restoration:	89,047	88,061	(986)

PBS-RC01 – 100 Area River Corridor Cleanup

Schedule Variance = **(\$733K); (1.2%)** [Last Month: (\$2049K); (3.7%)]

Cause: Demolition of DR Reactor safe storage enclosure (SSE) behind schedule due to delays in subcontractor key document submittals.

Resolution: Key documents completed, and demolition initiated the end of January. Subcontract has been modified to extend the completion date to later in the fiscal year.

Cause: D Reactor behind schedule due to equipment downtime and weather delays, which are impacting sampling and analysis activities.

Resolution: Recovery schedule implemented; full recovery expected in September.

PBS-RC02 – 300 Area Cleanup

Schedule Variance = **(\$268K); (3.7%)** [Last Month: (\$931K); (15.1%)]

Cause: Fewer drums required excavation from the 618-4 Burial Ground than baselined.

Resolution: A BCP is in process to reduce baseline for number of drums encountered.

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OUTCOME STATUS (COST/SCHEDULE) continued:

PBS-RC05 – River Corridor Waste Management

Schedule Variance = **\$15K; 0.1%** [Last Month: (\$83K); (0.4%)]

Cause: N/A

Resolution: N/A

Cost:

River Corridor Restoration	FY02 EAC	BCWP	ACWP	Variance
	\$K	\$K	\$K	\$K
RC01 100 Area River Corridor Cleanup	71,684	59,622	57,861	1,761
RC02 300 Area Cleanup	9,747	6,948	6,601	347
RC05 River Corridor Waste Management	27,827	21,491	21,166	325
TOTAL River Corridor Restoration:	109,258	88,061	85,628	2,433

PBS-RC01 – 100 Area River Corridor Cleanup

Cost Variance = **\$1,761K; 3.0%** [Last Month: \$533K; 1.0%]

Cause: Soil remediation labor, material, and sampling costs at 100 F and 100 B/C Areas less than planned.

Resolution: Underrun reflected in EAC.

Cause: Herbicide application and 100 Area surveillance and asbestos abatement labor savings.

Resolution: Underrun reflected in EAC.

PBS-RC02 – 300 Area Cleanup

Cost Variance = **\$347K; 5.0%** [Last Month: (\$60K); (1.1%)]

Cause: 618-4 Burial Ground excavation and sorting modifications allowed for an accelerated schedule and reduced oversight costs. Additional work required for sorting, stockpiling, and sampling LDR material and efforts to ship waste drums offsite will reduce this positive variance over the next two months.

Resolution: Underrun reflected in EAC.

PBS-RC05 – River Corridor Waste Management

Cost Variance = **\$325K; 1.5%** [Last Month: \$606K; 3.2%]

Cause: Lower driver and subcontract costs at ERDF due to elimination of planned overtime and renegotiated transportation subcontract.

Resolution: Underrun reflected in EAC.

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ISSUES (REGULATORY/EXTERNAL/DOE):

- **100 N Area Remediation:** Results of residual radioactivity (RESRAD) modeling performed using borehole data for the 116-N-1 crib and trench indicate that the site will not attain groundwater Remedial Action Objectives (RAOs) following excavation. The results indicate that the lowest vadose zone layer contributes contaminants at levels above the RAOs.

Status: Ecology sent RL a letter requesting an updated plan to identify the path forward for site remediation options. BHI is supporting RL in discussions with the regulators. Ecology, RL, and BHI will meet in August to finalize a path forward.

- **618-4 Burial Ground Remediation:** During the latter stage of the 618-4 burial ground remediation, a significant amount of land disposal restricted (LDR) material and small-sized lead debris intermixed with the soil were encountered that are above the Detailed Work Plan (DWP) planned quantities. This is impacting the remediation schedule at the 300 Area remediation site and will also result in increased remediation costs and treatment costs at ERDF.

Status: A workaround has been formulated to expedite the packaging of LDR material at the burial ground. A BCP is being prepared to address the LDR discovery which reflects the impacts due to increased sampling and sorting times required for the handling of the LDR waste and the additional treatment required at ERDF. Final quantities have not been determined to date. Sampling will be complete by August 16 with results expected by August 27.

INTEGRATION ACTIVITIES:

Planning meetings were held with the 100 K Area operations personnel (managed by FH) and the ERC Remedial Action and Waste Disposal personnel. A new security fence, additional equipment control measures, and increased inspections will be required before soil remediation activities can begin. FH and BHI personnel are addressing the issues, and a memorandum of understanding (MOU) is planned to be in place prior to the end of this fiscal year.

The History of the Plutonium Production Facilities at the Hanford Site Historic District, 1943-1990 (DOE/RL-97-1047) was published following a multi-year collaborative research effort by RL, ERC, and Pacific Northwest National Laboratory (PNNL). This document relates to the story of the creation, growth, and decline of the Hanford Site by documenting the facilities that made major contributions to the Manhattan Project and Cold War.

ERC third quarter waste minimization accomplishments were compiled and reported in the Hanford Site Waste Minimization Accomplishment database. The information will be rolled up and reported to DOE Headquarters.

Section C - Central Plateau Transition

CP01 - 200 Area Remediation

(Transitioned to Fluor Hanford on June 30, 2002)

233-S Facility Process Hood Before Cleanout



Process Hood After Cleanout



Containment for B Plant Pre-Filter Changeout

Data as of month-end July

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SECTION C – CENTRAL PLATEAU TRANSITION

Data as of month-end July

ACCOMPLISHMENTS:

General:

The ERC Central Plateau workscope, including all CP01 scope, was successfully transitioned to FH on June 30 as part of the RL-directed Central Plateau transition. Transferred scope consisted of the 233-S Plutonium Concentration Facility, 200 Area remedial actions, and 200 Area surveillance and maintenance activities. B Plant and PUREX facilities were transitioned early to FH on June 3.

MAJOR COMMITMENTS (FISCAL YEAR PLUS 6 MONTHS):

TPA Milestone	Description	Due Date	(F)/(A) Date
M-13-26	Submit Plutonium/Organic-Rich Process Waste Group (200-PW-1) Work Plan	12/31/01	12/26/01 (A)
M-13-00L	Submit 3 200 NPL RI/FS (RFI/CMS) Work Plans	12/31/01	12/26/01 (A)
M-15-40A*	Complete U Pond/Z Ditches Cooling Water Group Field Work Through Sample Collection and Analysis	9/30/02	Deleted
M-15-42B*	Submit 200-TW-2 OU Draft A Remedial Investigation Report to Ecology	9/30/02	Deleted

*M-15-40A and M-15-42B were deleted per Tri-Party Agreement change request M-015-02-01 on June 5.

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PERFORMANCE OBJECTIVES:

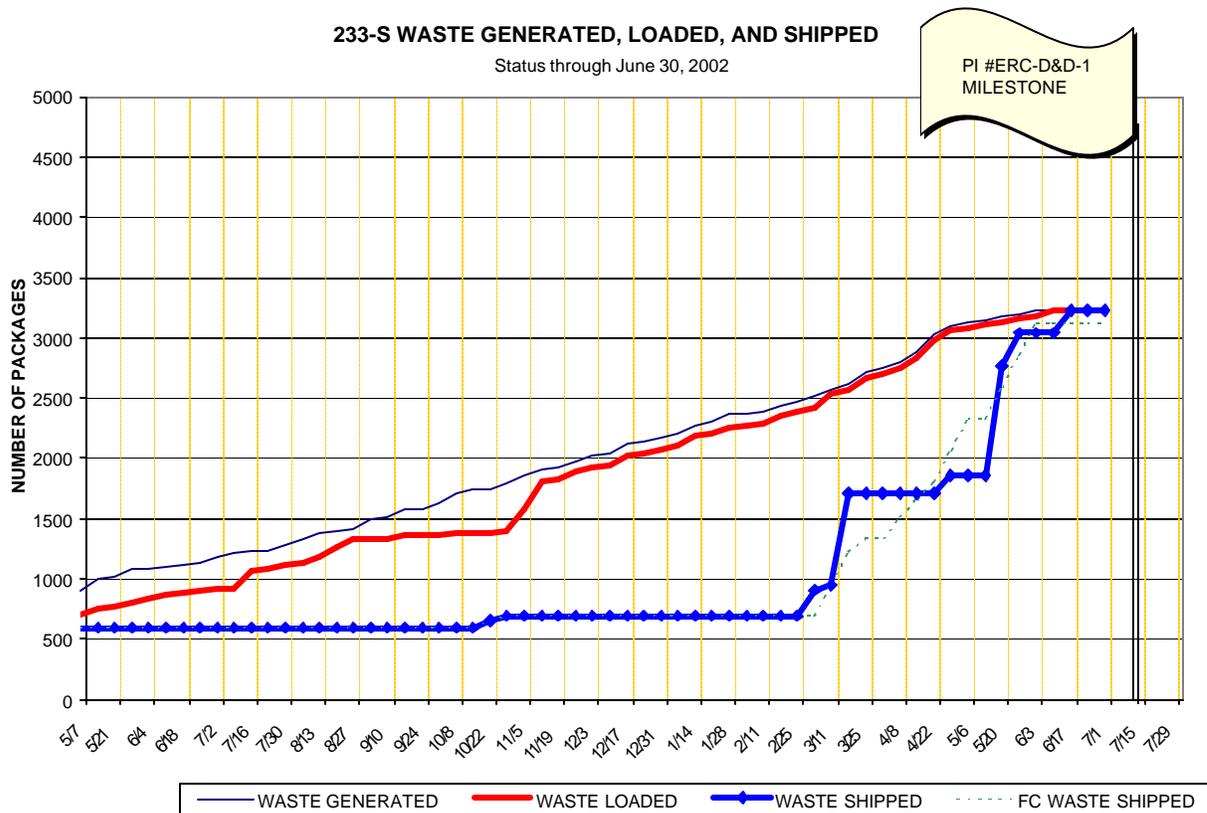
PI	Task	Status
<div style="display: flex; align-items: center;"> <div style="background-color: green; color: white; padding: 2px 5px; margin-right: 5px;">GREEN</div> <div style="border: 1px solid black; padding: 5px;"> <p>*233-S Plutonium Concentration Facility Dismantlement: Disposition Surplus Building</p> </div> </div>	<p>Dismantle and remove 8 vessels from the 233-S Process Hood by 6/30/02.</p> <p>Dismantle and remove all remaining vessels from the 233-S Process Hood by 6/30/02. (Stretch)</p>	<p>Vessel removal was completed in March. Efficiency in extracting process vessels from the 233-S facility has enabled BHI to complete removal of all the vessels one year ahead of schedule. The original baseline called for removal of 8 vessels by June 30, 2002. In that timeframe, all 15 vessels within the facility were actually removed. All scope was completed on June 13, 2002. The Notice of Completion package was transmitted to RL for approval on July 1, 2002 and was approved on July 25, 2002.</p>

*Multi-year PI developed in FY01.

233-S Metric

233-S WASTE GENERATED, LOADED, AND SHIPPED

Status through June 30, 2002



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PERFORMANCE MEASURES/METRICS:

Technology Deployment	PBS	Planned Date	(F)/(A) Date
Protean Gas Flow Proportional Counter	CP01		10/01 (A)
ZipWall	CP01		11/01 (A)
*Small-Diameter Geophysical Logging System Passive Neutron Logging Probe	CP01	3/31/02	2/02 (A)
*Small-Diameter Geophysical Logging System Gamma Logging Probe	CP01	3/31/02	2/02 (A)
Silicone Rubber Insulated Heaters	CP01		3/02 (A)
Eagle 5000 Ionizer	CP01		6/02 (A)

* ERC identified two technologies for Central Plateau Transition to be deployed during FY02.

STRETCH AND SUPERSTRETCH GOALS:

FY02 233-S Stretch Goals



***Dismantle and remove all remaining vessels from the 233-S Process Hood by 6/30/02.**
Status: See Performance Objectives on previous page.

*Multi-year PI developed in FY01.

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OUTCOME STATUS (COST/SCHEDULE):

Schedule:

Central Plateau Transition	BCWS	BCWP	Variance
	\$K	\$K	\$K
CP01 200 Area Remediation	25,449	25,449	0
TOTAL Central Plateau Transition:	25,449	25,449	0

Cost:

Central Plateau Transition	FY02 EAC	BCWP	ACWP	Variance
	\$K	\$K	\$K	\$K
CP01 200 Area Remediation	22,918	25,449	22,870	2,579
TOTAL Central Plateau Transition:	22,918	25,449	22,870	2,579

NOTE: Work not completed as of June 30 and associated funding were formally transitioned via baseline change proposal [BCP] and funding change proposal [FCP] from the ERC baseline to FH.

Section D - Site Integration & Infrastructure

SS03 - Groundwater Management & Monitoring

SS04 - Groundwater/Vadose Zone Integration

(Transitioned to Fluor Hanford on June 30, 2002)



Rotary Drilling in the 200 Area



Dual Wall Percussion Rig at
Immobilized Low Activity Wall
Drill Site (200 East Area)

Data as of month-end July

**ENVIRONMENTAL MANAGEMENT PERFORMANCE REPORT
ENVIRONMENTAL RESTORATION
JULY 2002**

SECTION D – SITE INTEGRATION & INFRASTRUCTURE

Data as of month-end July

ACCOMPLISHMENTS:

General:

The ERC groundwater management and groundwater vadose zone scope (SS03, SS04) was successfully transitioned to FH on June 30 as part of the RL-directed Central Plateau transition.

MAJOR COMMITMENTS (FISCAL YEAR PLUS 6 MONTHS):

TPA Milestone	Description	Due Date	(F)/(A) Date
M-24-53	Install Two (2) Additional Wells at SST WMA TX-TY	12/31/01	11/8/01 (A)
M-24-54	Install One (1) Additional Well at SST WMA T	12/31/01	10/18/01 (A)
M-24-55	Install Two (2) Additional Wells at SST WMA S-SX	12/31/01	11/8/01 (A)
M-24-00M	Install RCRA Groundwater Monitoring Wells at Rate of Up to 50 in Calendar Year 2001 if Required	12/31/01	11/8/01 (A)

OUTCOME STATUS (COST/SCHEDULE):

Schedule:

Site Integration & Infrastructure	BCWS	BCWP	Variance
	\$K	\$K	\$K
SS03 – Groundwater Management & Monitoring	11,586	11,586	0
SS04 - Groundwater/Vadose Zone Integration	7,458	7,458	0
TOTAL Site Integration & Infrastructure:	19,044	19,044	0

Cost:

Site Integration & Infrastructure	FY02 EAC	BCWP	ACWP	Variance
	\$K	\$K	\$K	\$K
SS03 – Groundwater Management & Monitoring	10,941	11,586	10,941	645
SS04 - Groundwater/Vadose Zone Integration	7,056	7,458	7,056	402
TOTAL Site Integration & Infrastructure:	17,997	19,044	17,997	1,047

NOTE: Work not completed as of June 30 and associated funding were formally transitioned via baseline change proposal [BCP] and funding change proposal [FCP] from the ERC baseline to FH.