



Section O

Groundwater/Vadose Zone Integration

PROJECT MANAGERS

S.H. Wisness, RL
(509) 373-9337

L. J. Olguin, FH
(509) 372-8233

SUMMARY

The Groundwater/Vadose Zone Integration, Project Baseline Summary (PBS) RL-SS04, Work Breakdown Structure (WBS) 3.4.4, consists of Science and Technology, System Assessment Capability, and Characterization.

NOTE: Unless otherwise noted, all information contained herein is as of the end of September 2002.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that there are no milestones due this fiscal year.

TOP ACCOMPLISHMENTS FOR FY 2002

The draft of the "Hanford Site Groundwater Strategy" document was completed, the Groundwater Monitoring and Protection Strategy was submitted for public review, the DQO for 200 West RCRA wells was submitted to regulators for review and the report on the initial assessment (prepared with the System Assessment Capability) was issued. The report presents the impact on the environment of waste assumed to remain at Hanford following cleanup to enable better cleanup decisions.

Safety

All Central Plateau Remediation Project (CP) Safety and Conduct of Operations information is reported in section F.

BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

Breakthroughs

None to report.

Opportunities for Improvement

None to report.

UPCOMING ACTIVITIES

Groundwater/Vadose Zone Integration — Complete development of the Rock Sand Module of the Virtual Library.

MILESTONE ACHIEVEMENT FH Contract Milestones

None to report.

PERFORMANCE OBJECTIVES

None to report.

FY 2002 SCHEDULE / COST PERFORMANCE – ALL FUND TYPES FY TO DATE STATUS – (\$000)

Sub-Project		BCWS	BCWP	ACWP	SV	%	CV	%	BAC
PBS SS04 WBS 3.4.4.1	Management & Integration	2,286	2,038	1,482	(248)	-11%	557	27%	2,286
PBS SS04 WBS 3.4.4.3	System Assessment Capability	460	460	374	0	0%	86	19%	460
PBS SS04 WBS 3.4.4.4	Characterization	287	279	277	(9)	-3%	2	1%	287
Total GW Vadose Zone Integration		3,033	2,777	2,133	(256)	-8%	644	23%	3,033

FY TO DATE SCHEDULE / COST PERFORMANCE

The unfavorable schedule variance of \$0.3M (8 percent) is primarily due to delay in identifying members of the Expert Panel, unresolved scope issues related to the next module of the Virtual Library (VL), and planning progressing at a slower than expected rate. The favorable cost variance of \$0.6M (23 percent) is primarily due to assumptions made in developing the budgets prior to transition, not being fully staffed, and lower than planned resource need.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, Fiscal Year to Date (FYTD) Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

Schedule Variance Analysis: (-\$0.3M)

Management & Integration – 3.4.4.1/SS04

Description and Cause: The unfavorable schedule variance is due to delay in identifying members of the Expert Panel, unresolved scope issues related to the next module of the VL and planning for regulator and stakeholder workshops progressing at a slower than expected rate.

Impact: None.

Corrective Action: The Expert Panel is being replaced by a steering committee with meeting to be planned for FY 2003, the next module of the VL will be developed in FY 2003 and the public meetings will be held as early as possible in FY 2003.

All other projects are within established thresholds.

Cost Variance Analysis: (+\$0.6M)

Management & Integration — 3.4.4.1/SS04

Description and Cause: The favorable cost variance is primarily due to assumptions made in developing the budgets prior to transition and not being fully staffed.

Impact: None.

Corrective Action: Efficiencies and workarounds are being sought until fully staffed.

System Assessment Capability — 3.4.4.3/SS04

Description and Cause: The favorable cost variance is primarily due to efficiencies and lower than planned resource need.

Impact: None.

Corrective Action: None.

All other projects are within established thresholds.

ISSUES

Technical Issues, Regulatory, External, and DOE Issues and DOE Requests

None to report.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS

None to report.