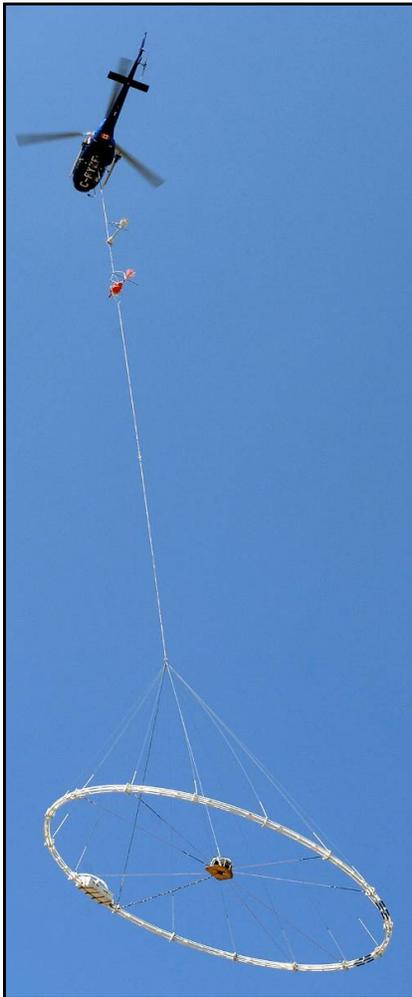


Soil and Water Remediation, Groundwater/Vadose Zone (RL-0030)

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***Airborne
Electromagnetic
Geophysical
Investigation***



***KR-4 Pump & Treat Expansion
Construction***

Overview

This section addresses Project Baseline Summary (PBS) RL-0030, *Soil and Water Remediation, Groundwater/Vadose Zone*.

NOTE: Unless otherwise noted, all information contained herein is as of the end of June 2008.

Notable Accomplishments

- **River Corridor**
 - Initiated second set of 100-NR-2 apatite barrier high-concentration injections and issued the interim report for the low-concentration injections completed in FY 2007.
 - Submitted the FY 2007 Annual Pump and Treat and ISRM report to RL.
 - Continued construction of 100-KR-4 pump and treat expansion.

- **Central Plateau**
 - Completed Phase 1 and 2 of the airborne electromagnetic geophysical investigation for 200-PO-1 Operable Unit.
 - Completed drilling last two 200-BP-5 Operable Unit wells; accepted five wells.
 - Initiated drilling of four Tri-Party Agreement Milestone M-24 monitoring wells.
 - Completed T Tank Farm aquifer test; report in development.
 - Awarded three contracts for ex-situ groundwater treatment for 200-ZP-1 Operable Unit.

- **Integration**
 - Continued well decommissioning; 28 wells decommissioned in June; a total of 60 wells decommissioned as of July 14, 2008.
 - Completed 68 percent of baseline wells to be sampled (1639 of 2403 wells).

FY 2008 Funds vs. Spend Forecast (\$M)

	Projected FY 2008 Funding	FY 2008 Fiscal Year Spending Forecast	Variance
Soil and Water Remediation, Groundwater/Vadose Zone	\$ 116.5	\$ 111.1	\$ 5.4

Schedule/Cost Performance (\$M)

Soil & Water Remediation, Groundwater/Vadose Zone	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion (FY08/CTD)
Current Period (Month)	\$8.1	\$8.9	\$9.1	\$0.7	8.9%	-\$0.3	-2.9%	\$102.7
Cumulative-to-Date (FY 2004-Present)	\$280.7	\$271.2	\$272.1	-\$9.5	-3.4%	-\$0.9	-0.3%	\$311.3

Numbers are rounded to the nearest \$0.1M and include the Closure Services allocation.

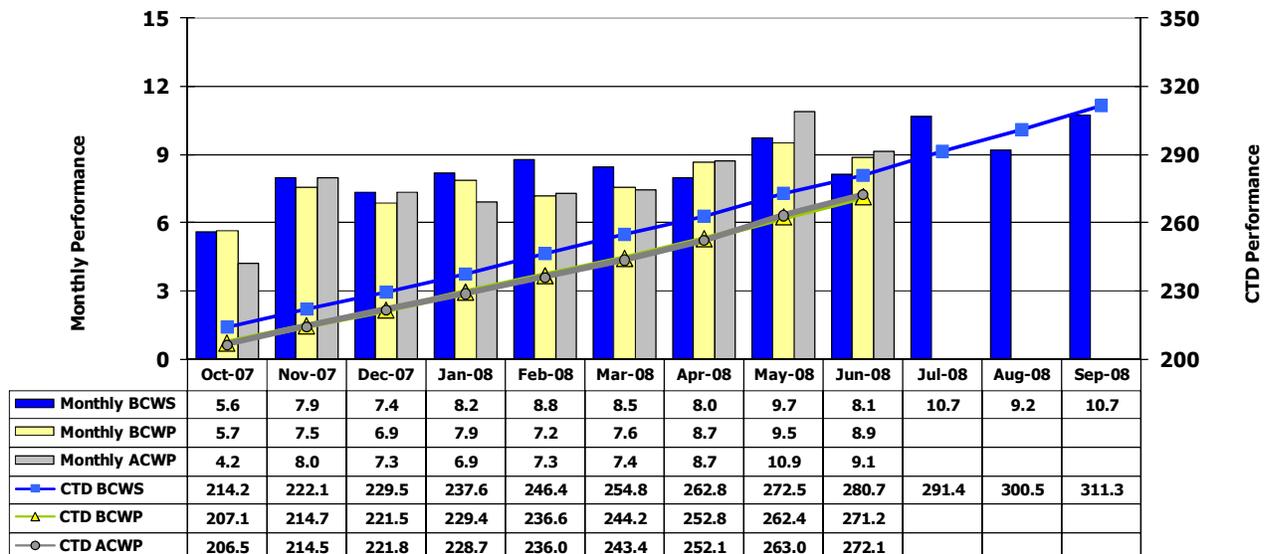
CTD Schedule Performance (-\$9.5M/-3.4%):

- The CTD schedule variance is primarily due to:
 - Delayed siting of four M-24 wells; planning delays for well decommissioning with resultant field work delays.
 - Delayed contract placement for Groundwater/Vadose Zone Integration.
 - Delayed start of C Farm well, and delayed groundwater characterization due to earlier well drilling delays in 200-BP-5.
 - 200-ZP-1 instrument calibration delays and four well expansion delays due to limited resources.

CTD Cost Performance (-\$0.9M/-0.3%):

- The CTD cost variance is attributable to:
 - Project growth exceeding the plan and various prior year project overruns for well drilling offset by efficiencies in pump and treat operations and overhead passbacks.
 - Underruns associated with the Closure Services allocation.

Performance Analysis CTD and Monthly (\$M)



Milestone Achievement

Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) milestones represent significant events in project execution. DOE Enforceable Agreement milestones were established to provide high-level visibility to critical deliverables and specific status on the accomplishment of these key events. The FY 2008 Enforceable Agreement milestone information provided herein is based upon the current baseline including RL-approved changes. Changes from month-to-month in both the total number of milestones to be completed and in the forecast status of upcoming milestones are the result of BCRs approved during the reporting period.

Number	Milestone Title	Type	Due Date	Actual Date	Forecast Date	Status/Comments
M-024-57M	Install a Cumulative of 60 Wells	TPA	12/31/07	4/6/07		Complete
M-015-50	Submit a Treatability Work Plan for Deep Vadose Zone Technetium and Uranium to Ecology and EPA	TPA	12/31/07	12/22/07		Complete
M-016-14B	Submit Draft CERCLA Proposed Plan for 100-NR-2	TPA	12/31/09		12/31/09	TPA Change Request Revised Date to 12/31/09