

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

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***KW Injection
Well***

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 September 2006.

Top FY 2006 Accomplishments

- **Reducing Natural and Artificial Recharge**
 - Completed automated water system shutdown upgrades to reduce catastrophic artificial recharge
 - Physically decommissioned 82 wells for a cumulative of 343
 - Administratively decommissioned 357 wells for a cumulative of 1,521
- **Implementing/Testing Final Groundwater Remedies**
 - Successfully completed a 1-year rebound test at 200-UP-1
 - Attained the remedial action objectives at the 100-HR-3 Pump and Treat
 - Completed treatability test injections at 100-NR-2
 - Submitted the Draft A 200-ZP-1 Remedial Investigation Report
 - Partnered with RL to secure \$9.0M for focused remediation technology actions (EM-22)
 - Placed 100-NR-2 Pump and Treat in cold standby
- **Integrating Groundwater Monitoring Needs**
 - Completed the installation of a cumulative 60 Tri-Party Agreement-required monitoring wells

FY 2006 Funds vs. Actuals (\$M)

	Anticipated FY 2006 Funding (with Carryover)	FY 2006 Actuals	Variance
Soil & Water Remediation, Groundwater/Vadose Zone	\$ 53.2	\$ 46.3	\$ 7.0

FY 2006 Schedule/Cost Performance (\$M)

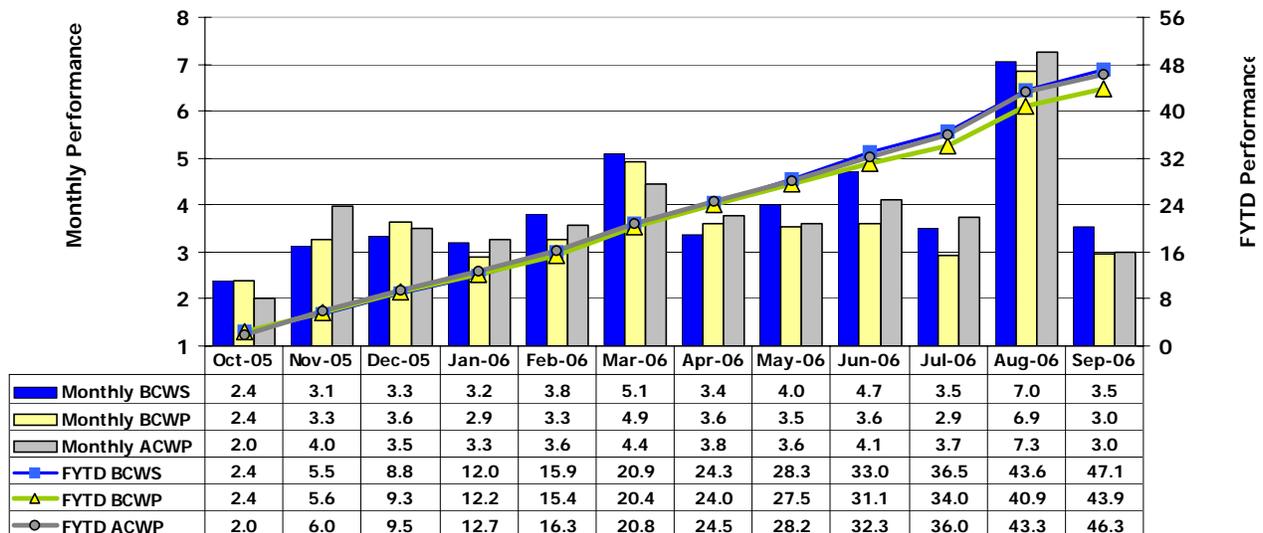
	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
Soil & Water Remediation, Groundwater/Vadose Zone	\$47.1	\$43.9	\$46.3	-\$3.2	-6.8%	-\$2.4	-5.5%	\$47.1

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

Schedule Performance (-\$3.2M/-6.8%). Variance within threshold; no explanation required.

Cost Performance (-\$2.4M/-5.5%). Variance within threshold; no explanation required.

Performance Analysis FYTD and Monthly (\$M)



Milestone Achievement

Number	Milestone Title	Type	Due Date	Actual Date	Forecast Date	Status/Comments
M-24-57G	Install a Cumulative of 45 Wells by December 31, 2005	RL	12/31/05	8/16/05		Complete
M-24-57J	Install a Cumulative of 45 Wells by December 31, 2006	RL	12/31/06	5/11/06		Complete
M-15-48A	Submit Draft A 200-ZP-1 CERCLA Remedial Investigation Report to EPA	RL	5/31/06	5/31/06		Complete
M-016-14A	Complete construction of a 300 foot Permeable reactive barrier utilizing Apatite sequestration at 100-N.	TPA	04/31/07		12/30/06	