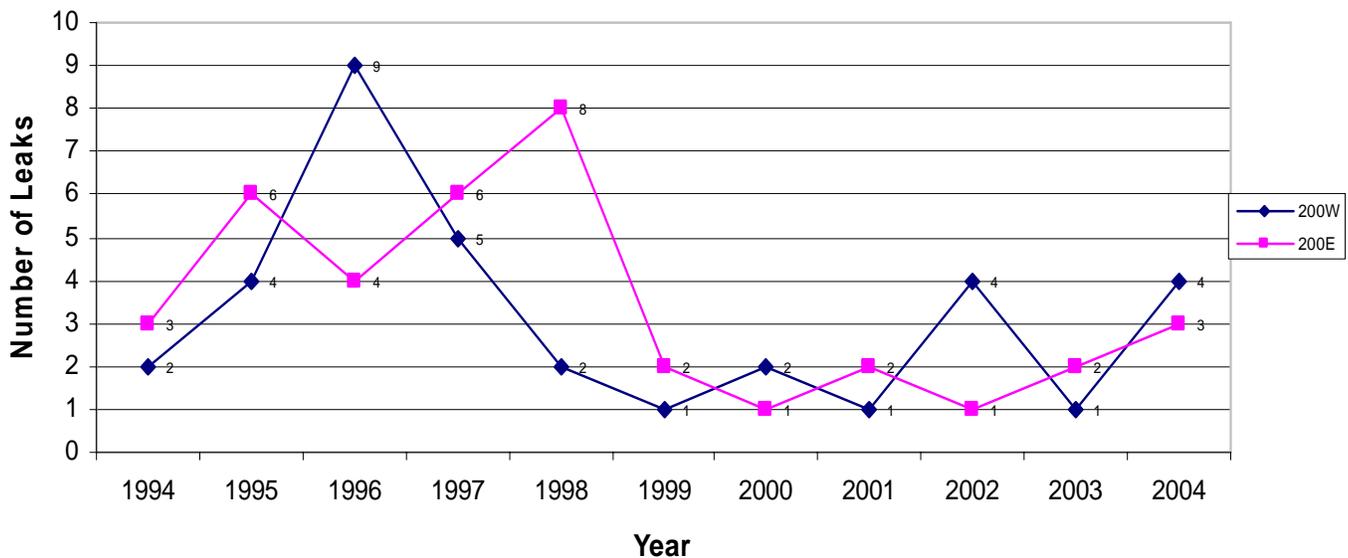


Soil and Water Remediation, Groundwater/Vadose Zone (RL-0030)

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Utilities Water Line Leaks



*Sink hole caused by
water line leak*



Overview

This section addresses work in Project Baseline Summary RL-0030, *Soil and Waste Remediation Groundwater/Vadose Zone*.

NOTE: Unless otherwise noted, all information contained herein is as of the end of February 2005.

Notable Accomplishments

TPA M-24-57: Six of fifteen Calendar Year 2005 Tri-Party Agreement (TPA) milestone M-24-57 wells have been completed. One additional well is nearly complete and will be accepted in early March. Two wells are in various stages of drilling. Annual M-24 renegotiation discussions progressed well in February. If approved, the 2005 list of wells would be changed so that three additional wells that were drilled to respond to chromium contamination in the 100-D Area could be credited towards completion of the milestone.

Well Decommissioning: Steady progress continued in the work to decommission wells that pose a high-risk to provide a pathway for contamination to move directly to the groundwater. Nearly 2000 feet of casing was perforated using the jet-shot technique, and roughly a quarter of that was sealed using cement grout.

200-UP-1: The first groundwater results following the shutdown of the active pump-and-treat system were collected and reported in February. The results show that only one of eleven wells had contamination, technetium-99, that had rebounded above the remedial action objective. Monitoring of the wells continues for a year and will be reported on a monthly basis.

FY 2005 Funds vs. Spend Forecast (\$M)

	Projected FY 2005 Funding	FY 2005 Fiscal Year Spend Forecast	Variance
Soil & Water Remediation, Groundwater/Vadose Zone	\$ 55.7	\$ 57.3	\$ -1.6

FY 2005 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	\$19.8	\$16.3	\$17.1	-\$3.5	-17.7%	-\$0.8	-4.6%	\$55.3

Numbers are rounded to the nearest \$0.1M and include the closure services allocation.

Schedule Performance (-\$3.5M/-17.7%). The unfavorable schedule variance is due to:

- Delayed award of the jet-shot and mechanical perforation decommissioning contracts.
- In situ redox manipulation (ISRM) was delayed due to geophysical logging of barrier wells.

The schedule associated with well decommissioning will be recovered; field work started in mid-January.

FY 2005 Schedule/Cost Performance, continued

Cost Performance (-\$0.8M/-4.6%). The unfavorable cost variance is due to:

- Increased labor costs associated with new staff in the Integrated Field Work areas.

Performance Analysis FYTD and Monthly (\$M)

