

Site Infrastructure

Expectation:

Optimize the Hanford Site infrastructure, reduce site inventories and be more cost effective.

Status Update:

- Shut down the 200 East water treatment plant and tied the 200 East and West potable water systems together. This eliminates the risk of storing chlorine gas in the 200 East Area and reduces permitted wastewater discharges to the soil by 12 million gallons a year.
- Brought septic systems serving the Plutonium Finishing Plant and other 200 West facilities into compliance with current regulations.
- Decontaminated and made available a 40-ton crane, avoiding use of about 100 cubic yards (80 cubic meters) of low-level waste disposal space.
- Proposed an innovative use of excess assets that entails demolition of unneeded facilities – reducing the site footprint – at little or no cost to taxpayers.



Shutting down the 200 East water treatment plant and tying 200 East and West potable water systems together satisfied a Tri-Party Agreement milestone to meet State wastewater discharge requirements.

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Status Update (continued):

- Awarded a unique contract for calibration services to Energy Northwest that retains jobs locally for the workers and transfers government-owned equipment with the corresponding workscope. Cost savings of \$300,000 and a cost avoidance of more than \$1 million will result.
- Contributed to two more Vice Presidential Hammer awards for streamlining government. One was for the transfer of land, facilities and railway to a local port authority and the second award was for the modernization of Hanford's aging steam supply system.



A transfer of land and facilities eliminated unneeded functions, helped create 100 local private-sector jobs and saves taxpayers \$3.5 million a year. The modernization of our steam system reduces greenhouse gas emissions more than 600 tons a year. Both achievements earned Hammer awards from Vice President Al Gore.