Office of River Protection Look Back/Look Forward to the Hanford Advisory Board

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E M Environmental Management

Board 2007 Priorities	Results	Influenced DOE Decisions/Processes
Public Policy Values	Advice #196 Workers' Compensation*	RL manages program and we are working with them to improve the program
Prioritization of Cleanup Work – Sequencing of Work	Advice #192 Tank Waste Program Path Forward	 Big picture advice that helped to move ORP and Tank Waste Committee (TWC) to higher level of detail Allowed us to pursue individual technical topics in context of the total program Created functional logic diagram and initiated ongoing dialogue Plan to meet with issue managers on River Protection Project Low-Activity Waste Treatment Review and Technology Readiness Assessment
Advice #198 FY 2008-200 Outyear Budgets*		 Helped to craft high quality transmittal for FY 2009 budget submission Recognized the HAB's values and priorities for more tank retrievals and cleanup of contamination from tank leaks; and, continue full funding for the Waste Treatment and Immobilization Plant. We agree that a decision on Demonstration Bulk Vitrification System is critical Continue to share information with the Budgets and Contracts Committee
	Advice #199 Costs and Baseline Schedules	Working response



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safety & performance & cleanup



Board 2007 Priorities	Results	Influenced DOE Decisions/Processes
Institutional Controls	Advice #197 Groundwater Values Flowchart* Educational and informational meetings	RL has the lead and we are working with them to strengthen Groundwater integration
Develop methods and recommendations to achieve public confidence on end state decision points	Advice #193 Double Shell Tank (DST) Integrity Assessment Report	 Identified HAB's values and priorities on DST program Initiated dialogue with ORP, ORP's prime contractors and TWC issue managers Collaborated and worked through areas of concern to provide details of the DST program Built confidence in program
Groundwater Integration	Advice #197 Groundwater Values Flowchart* Groundwater/Vadose Zone Management Plan discussions and informal feedback	 Identified areas requiring better integration Recognized Board's values for Groundwater cleanup Continue to strengthen Groundwater integration efforts with RL
Public Involvement	Advice #198 FY 2008-2009 & Outyear Budgets* State of the Site 2007	Created Hanford Pie-Chart exercise



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safety & performance & cleanup & closure

Specific issues for the HAB to address in the coming year

- Tri-Party Agreement
- River Protection Project Low-Activity Waste Treatment Review
- Tank Closure & Waste Management Environmental Impact Statement (TC & WM EIS)
- Demonstration Bulk Vitrification System
- Vadose Zone and Groundwater
- Integrated Disposal Facility Performance Assessment once TC
 & WM EIS draft is available



Cleanup Achievements

- Waste Treatment and Immobilization Plant (WTP)
 - Certification of the WTP Revised Ground Motion (RGM)
 - Resume Construction on Pretreatment Facility and High-Level Waste Facility
 - Deputy Secretary approved project baseline
 - WTP goes GREEN
 - Voluntary Protection Program application
 - Certification of Bechtel National, Inc.
 Earned Value Management System
 - Completed all three milestones on schedule







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Cleanup Achievements

 Final steel placement on the Analytical Laboratory





- Low-Activity Waste Facility
 - Enclosure of facility
 - Completion of roof
 - Placement of roof stack







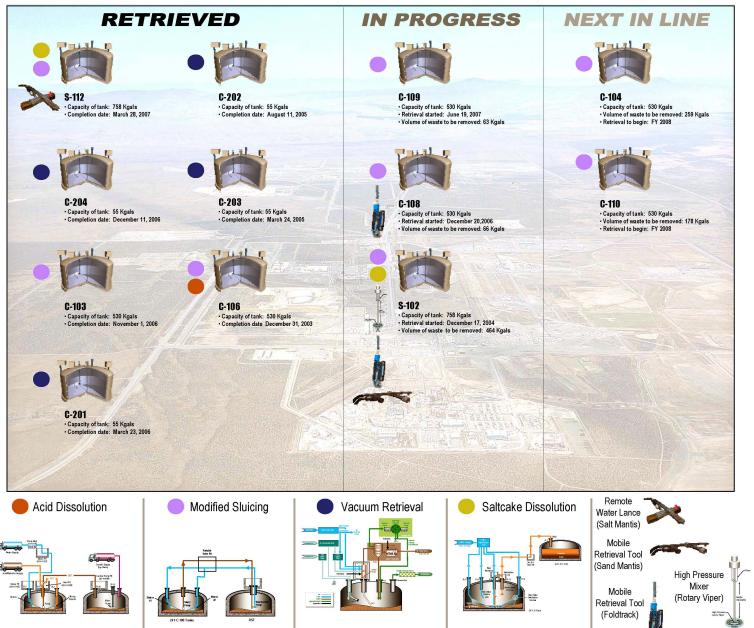
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CH2MHILL Hanford Tank Cleanup Status CREATING CONTRACTOR CONTRACTO



Retrieval Summary Updated through July 1, 2007



Tank Farm Achievements

- Certification of CH2M HILL Hanford Group, Inc. Earned Value Management System – the first in complex
- Retrieved seventh single-shell tank S-112
- Demonstration Bulk Vitrification System full scale dryer and integrated melt test completed
- Completed 242-A Evaporator campaigns to reduce approximately 1.21 M gallons of waste
- Deployed five new tank retrieval technologies
- Double-Shell Tank integrity activities (on track to complete milestone M-48-15 by the end of September 2007)
- Completed 5 of the 14 milestones on schedule and 2 are on track to be completed on schedule



Building a Strong Foundation of Safety

Performance Indicator		Tank Farm FY 2007 Actual Performance			WTP FY 2007 Actual Performance				
		1st Qtr	2 nd Q	3 rd Q	4 th Q	1st Qtr	2 nd Q	3 rd Q	4 th Q
	Metric/Goal			• •		• •		• •	• •
Occupational Safety	Occupational Safety – Total Recordable Case (TRC) Rate. 1.6 cases and below (CH2), 2.1 cases and below (BNI) per 200,000 hours equals green; > 2.5 red	1.33	1.31	0.32		1.24	0.53	1.41	
	OSHA Lost Work Days (Days Away from Work or Restricted Days – DART). Metrics below 0.7 cases (CH2) and 0.4 (BNI) green; > 1.0 red.	0.66	0.33	0.32		1.03	0.00	0.94	



Cleanup Challenges

• WTP

- Resolving outstanding technical issues
- Quality Assurance
- Safety
- Consistent and predictable funding
- Staffing the workforce
- Tank Farm
 - S-102 event
 - Retrieving waste
 - Supplemental treatment solution



Look Ahead

- Tri-Party Agreement
- Tank Closure and Waste Management Environmental Impact Statement (TC & WM EIS)
- WTP
 - Ramp up full construction
 - Pretreatment Experimental Platform startup
- Tank Farms
 - Demonstration Bulk Vitrification System
 - Pretreatment at Tank Farms
 - Complete retrieval from two Single-Shell Tanks using innovative technologies
 - Continue Double-Shell Tank integrity activities
 - Perform 242-A Evaporator campaigns
 - Continue characterization for Tank Farm soils $E_{\pi\pi}$



closure