

Hanford Advisory Board Fiscal Year 2021 Work Plan

	Topic	Subtopics	Tasks for HAB	Committee Assignment
1	TANK WASTE	<ul style="list-style-type: none"> • WTP and TF DFLAW facilities transition, excluding EMF, to commissioning • Initiate TSCR Operations • WFD Transfer Lines to WTP • Effluent Management Facility (EMF) Construction • LERF/ETF DFLAW Upgrades • Supplemental treatment technologies/pathways • Tank Waste Disposal and Closure • Tank Closure Progress • Tank Farms Necessary Support for DFLAW 	Review information provided by DOE and its contractors regarding DFLAW transitions to 24/7 operations and additional treatment technologies and provide policy level advice.	TWC
2	CENTRAL PLATEAU	<ul style="list-style-type: none"> • PUREX Removal Action Work Plan • Risk area identification and work plans for aging infrastructure and related existing RODs • Critical infrastructure needed to support DFLAW <ul style="list-style-type: none"> ○ New water treatment facility • Integrated Disposal Facility (IDF) • 400 Area Fire Station • 200 Area Groundwater Treatment Operations • Groundwater monitoring & modeling 	Provide input on risk reduction priorities in a fiscally constrained environment and provide policy level advice.	RAP/HSEP
3	RIVER CORRIDOR	<ul style="list-style-type: none"> • 324 Building cleanup • ROD for 100-BC Area Update • 100 Area Groundwater monitoring & treatment operations • 100-K & N Area RI/FS Development 	Review how remedial actions (cleanup, pump and treat, etc.) are progressing and provide policy-level input as Proposed Plans for Remedial Action are released.	RAP/HSEP

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		<ul style="list-style-type: none"> 100-K Area Explanation of Significant Difference for Soil Flushing Update 		
4	OUTREACH	<ul style="list-style-type: none"> Public Involvement Outreach 	Provide policy level input on TPA agency outreach.	PIC
5	CROSS-CUTTING TOPICS	<ul style="list-style-type: none"> Cleanup End States, including the Comprehensive Land Use Plan Hanford Work Planning and Cleanup Priorities 	<p>Review Comprehensive Land Use Plan briefing, summarize information and create community outreach and educational tool.</p> <p>Review Hanford Site 5 Year Plan and provide cleanup priorities.</p>	Cross-Cutting
6	HEALTH AND SAFETY	<ul style="list-style-type: none"> Worker safety and health Radiological and chemical risks onsite and offsite (to the environment) Traffic safety Beryllium Emergency preparedness and notifications 	Receive briefings on worker health and safety and provide policy-level input.	HSEP

	Detailed Topics	Agency Lead	Quarter 1 10/2020– 12/2020	Quarter 2 01/2021– 03/2021	Quarter 3 04/2021– 06/2021	Quarter 4 07/2021 – 09/2021	Committee Assignment
1	Tank Waste Critical Activities						
	<ul style="list-style-type: none"> Transition All Lab, Low-Activity Waste (LAW) and Balance of Facilities Systems to Commissioning (Excluding EMF) 	DOE-ORP, Tom Fletcher					TWC

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	<ul style="list-style-type: none"> Initiate TSCR Operations 	DOE-ORP, Rob Hastings & Janet Diediker					TWC
	<ul style="list-style-type: none"> Install WFD Transfer Lines to WTP 	DOE-ORP, Tom Fletcher					TWC
	<ul style="list-style-type: none"> Complete Effluent Management Facility (EMF) Construction 	DOE-ORP, Tom Fletcher					TWC
	<ul style="list-style-type: none"> Complete LERF/ETF DFLAW Upgrades 	DOE-ORP, Rob Hastings & Richard Valle					TWC
	<ul style="list-style-type: none"> DOE Tank Farms will provide information related to additional treatment technologies, including new treatment pathways such as grout, offsite disposal, and other opportunities to accelerate the cleanup effort 						TWC
	Agency Identified Potential Advice						
	<ul style="list-style-type: none"> Tank Waste Disposal (overlap with grout and/or supplemental treatment?) <ul style="list-style-type: none"> IDF PA 						TWC
	<ul style="list-style-type: none"> Tank Closure Progress <ul style="list-style-type: none"> C Farm – NRC technical evaluation report, WIR determination from DOE, closure plans 						TWC
	<ul style="list-style-type: none"> Tank Farms Necessary Support for DFLAW <ul style="list-style-type: none"> 242-A Evaporator 						TWC

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	<ul style="list-style-type: none"> ○ Waste transfer lines and infrastructure ○ Double-Shell Tank (DST) capacity 						
2	Central Plateau Critical Activities						
	<ul style="list-style-type: none"> • Complete PUREX Removal Action Work Plan 	DOE-RL, Bill Hamel					RAP
	<ul style="list-style-type: none"> • Risk area identification and work plans for aging infrastructure and related existing RODs <ul style="list-style-type: none"> ○ B Plant (EE/CA) ○ Cesium and strontium capsule storage (WESF) 	DOE-RL, Jeff Frey					RAP
	<ul style="list-style-type: none"> • Discuss critical infrastructure needed to support DFLAW 	DOE-RL, Jeff Frey & Sharee Dickinson					RAP/HSEP/TWC
	<ul style="list-style-type: none"> • Integrated Disposal Facility (IDF) update 	DOE-RL, Bill Hamel					RAP/TWC
	<ul style="list-style-type: none"> • Complete 400 Area Fire Station 	DOE-RL, Jeff Frey					RAP
	<ul style="list-style-type: none"> • 200 Area Groundwater Treatment Operations 	DOE-RL, Mike Cline					RAP
	<ul style="list-style-type: none"> • Groundwater monitoring & modeling <ul style="list-style-type: none"> ○ Cumulative Impact Evaluation (CIE) ○ Composite Analysis (CA) ○ Annual groundwater monitoring 	DOE-RL, Mike Cline					RAP
3	River Corridor Critical Activities						
	<ul style="list-style-type: none"> • Discuss progress for 324 Building cleanup 	DOE-RL, Bill Hamel & Ben Vannah					RAP/HSEP

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	<ul style="list-style-type: none"> Provide an update on the ROD for 100-BC Area 	DOE-RL, Bill Hamel & Ellwood Glossbrenner					RAP
	<ul style="list-style-type: none"> 100 Area Groundwater Monitoring & Treatment Operations <ul style="list-style-type: none"> 300 Area Sequestration 100 F plume characterization 	DOE-RL, Mike Cline					RAP
	<ul style="list-style-type: none"> 100-K & N Area RI/FS Development Update 	DOE-RL, Mike Cline					RAP
	<ul style="list-style-type: none"> 100-K Area Explanation of Significant Difference for Soil Flushing Update 	DOE-RL, Mike Cline					RAP
4	Outreach						
	Discussion <ul style="list-style-type: none"> HAB member self-evaluations <ul style="list-style-type: none"> Reaching back to member organizations, constituents & other stakeholders Provide input on the agencies upcoming outreach activities Provide feedback on public involvement efforts for TPA activities Discuss opportunities for the agencies to engage with the public Virtual engagement & involvement Evaluate and provide input for Hanford Regional Dialogue meetings and Regional HAB meetings Provide advice to help Agencies set conditions for constructive dialogue at public meetings. 	TPA					PIC

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	<ul style="list-style-type: none"> • Specific input/advice aimed at: <ul style="list-style-type: none"> ○ Communicating the Hanford cleanup priorities and progress more effectively ○ Communicating opportunities to more safely and efficiently accelerate the cleanup mission in a resource constrained environment ○ Work on a survey/ focus study effort that can help the TPA agencies determine how effective their outreach has been. ○ Mechanism to measure effectiveness of outreach <p>Agency Identified Potential Advice</p>						
5	Cross-Cutting Topics						
	<ul style="list-style-type: none"> • Review cleanup standards and end state goals, including Comprehensive Land Use Plan, summarize information, and generate ideas for community outreach and education. • Advanced presentation for public meeting on planned FY2023 DOE Budget Submittal to HQ – 2nd Quarter/ FY2021 • Hanford Work Planning and Cleanup Priorities (BCC) <ul style="list-style-type: none"> ○ Status of Hanford Site 5 Year Plan Update – 1st Quarter/FY2021 ○ Review Hanford Site Five-Year Plan and provide cleanup priorities. ○ Priorities discussion and input 	DOE					Cross-Cutting

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	<ul style="list-style-type: none"> ○ Briefing on budget request and how it connects to established priorities ○ Integrated Priority List (IPL) for FY2022 (requested presentation to BCC) – 3rd quarter ○ DOE self-assessment of IDIQ contracting approach (requested presentation to BCC) – 4th quarter <p>Agency Identified Potential Advice</p> <ul style="list-style-type: none"> ● Hanford priorities by importance 						
6	Health and Safety	DOE					
	<ul style="list-style-type: none"> ● Worker safety and health <ul style="list-style-type: none"> ○ Pandemic response and lessons learned ○ Worker health and safety management during contract transitions ○ Safety culture 						HSEP
	<ul style="list-style-type: none"> ● Radiological and chemical risks onsite and offsite (to the environment) 						HSEP
	<ul style="list-style-type: none"> ● Traffic Safety 						HSEP
	<ul style="list-style-type: none"> ● Beryllium 						HSEP
	<ul style="list-style-type: none"> ● Emergency preparedness and notifications 						HSEP

Overarching Questions – Questions that TPA agencies can help answer during briefings

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| 1 | <ul style="list-style-type: none"> ● What are the key takeaways for the HAB? |
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2	<ul style="list-style-type: none"> • How does this project support the overarching Hanford Site vision?
3	<ul style="list-style-type: none"> • What is the project schedule and the key milestones?
4	<ul style="list-style-type: none"> • Are there opportunities for Board input?
5	<ul style="list-style-type: none"> • Are there changes occurring or are there key decisions upcoming?

Holding Bin Topics	Context
<ul style="list-style-type: none"> • System Plan 9 (TWC) • Analysis of Alternatives for High-Level Waste Processing and Pre-Treatment (TWC) • “Shovel ready” projects (to help with prioritization advice) (RAP) • ERDF • Double shell tank space management • Activity/Analytical Building Block (ABB) for FY2022 	

“DOE shall develop with EPA and Ecology, an annual list of priorities and issues on which policy-level advice from the Board would be of most benefit and which conform to the EM SSAB Charter. Throughout the year, DOE shall also consult with EPA and Ecology to identify whether there are new or emerging issues upon which policy-level advice or recommendations from the Board could be useful. DOE, Ecology, and EPA acknowledge that the Board may identify additional issues of concern, consult with the TPA agencies, and provide appropriate advice.” – [Memorandum of Understanding among the U.S. Department of Energy, the U.S. Environmental Protection Agency, and the Washington State Department of Ecology regarding the Hanford Advisory Board](#), page 3

Also see [Environmental Management Site-Specific Advisory Board Charter](#)