

## Hanford Advisory Board Fiscal Year 2019 Work Plan

	Topic	Subtopics	Committee Assignment
1	River Corridor	100-N Feasibility Study, 100 K Feasibility Study, K Basin Sludge Retrieval & Planning for Disposition, 100 BC Proposed Plan, 324 Building Disposition Project, 618-10 Project	RAP
2	Central Plateau	WESF, PFP, PUREX, Update on Risk Registry SW-2 Burial Grounds, EE/CA Actions, Public Policy Discussion	*RAP, HSEP, BCC, PIC
3	Groundwater	Monitor Performance of Pump & Treat, Phosphate Injection at 300 Area	RAP
4	Tanks	Tank Waste Retrieval & Closure, Tank Integrity Program, Tank Vapors	*TWC, HSEP
5	WTP	Technical Issue Resolution, System Planning, DFLAW	*TWC, BCC, HSEP
6	Worker Health & Safety	Heat Stress/Worker Monitoring, Site Wide Respiratory Protection Program, Beryllium Program, Tank Vapors, Emergency Preparedness	*HSEP, TWC
7	Permitting/Authorization	All Permitting Activities	All
8	Critical Infrastructure	All Critical Infrastructure Activities	All
9	Outreach	Public Involvement Outreach	PIC
10	Contract Procurement	Contracts & Procurements	*BCC/All
11	Budget	Budget Priorities	*BCC/All
12	Tutorials & Guidance	Simplified Waste Primer, Guidance Electronic Notebook, Board Education/Communication	*EIC/All
13	Programmatic Topics	Science & Technology Needs, Regulatory Reform, Risk, TRU Program	*EIC/All
14	Emerging Topics at the Hanford Site		*EIC/All

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<b>1</b>	<b>River Corridor</b>						
	100 N Feasibility Study <ul style="list-style-type: none"> <li>Potential public comment opportunity in FY19</li> </ul>	Ecology, Nina Menard		X			RAP
	100 K Feasibility Study <ul style="list-style-type: none"> <li>Potential public comment opportunity in FY19</li> </ul>	EPA, Rod Lobos				X	RAP
	K Basin Sludge Retrieval & Planning for Disposition <ul style="list-style-type: none"> <li>Explanation of Significant difference/results from previous milestone change package.</li> <li>Update on Sludge Retrieval</li> <li>What happens after sludge retrieval?</li> <li>Planning of disposition of waste, water, soil, and contaminated equipment</li> </ul>	DOE-RL, Mark French  EPA, Rod Lobos	X		X		RAP
	100 BC Proposed Plan <ul style="list-style-type: none"> <li>Potential public comment opportunity</li> </ul>	EPA, Laura Buelow	X				RAP
	324 Building Disposition Project (300-296) <ul style="list-style-type: none"> <li>Updates on remaining and ongoing cleanup work</li> </ul>	DOE-RL, Mark French  EPA, Ben Simes	X				RAP
	618-10 Project <ul style="list-style-type: none"> <li>Celebration success of completion</li> <li>Board to send a letter of appreciation</li> </ul>	DOE-RL, Mark French	X				RAP
<b>2</b>	<b>Central Plateau</b>						
	Waste Encapsulation Storage Facility (WESF) <ul style="list-style-type: none"> <li>Permit Modification Request for Closure Activities at WESF</li> <li>Design progress on dry storage capsule area (SCA)</li> </ul>	DOE-RL, Julie Reddick Ecology, Stephanie Schleif	X				RAP

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	Plutonium Finishing Plant (PFP) <ul style="list-style-type: none"> <li>Demolition progress.</li> <li>What does slab-on-grade mean (project definition)?</li> <li>Open air demolition, worker safety considerations.</li> <li>Lessons Learned</li> <li>Budget/Schedule Impacts</li> <li>Characterization</li> <li>Decisions</li> </ul>	DOE-RL, Tom Teynor  Ecology, Stephanie Schleif		X			*RAP, HSEP, BCC
	Update on Risk Registry <ul style="list-style-type: none"> <li>PW, 1, 3, 6               <ul style="list-style-type: none"> <li>What is in PW 1, 3, 6? (Informational)</li> </ul> </li> <li>River Corridor</li> </ul>	DOE-RL, Al Farabee  EPA, Emy Laija	X				RAP
	SW-2 Burial Grounds <ul style="list-style-type: none"> <li>TPA Milestone to initiate characterization field work</li> </ul>	DOE-RL, Mike Cline  Ecology, Kelly Elsethagen	X				RAP
	Canyon Interim Actions (EE/CA Action Memo) <ul style="list-style-type: none"> <li>Draft EE/CA for PUREX &amp; B Plant</li> </ul>	DOE-RL, Al Farabee  Ecology, Stephanie Schleif		X			RAP
	Plutonium Uranium Extraction (PUREX) Tunnels & Other aging high-risk facilities/sites <ul style="list-style-type: none"> <li>How do we communicate the risks?</li> <li>How do we get the budget to deal with the risks?</li> <li>What is the best path forward to address these high-risk sites?</li> <li>What about the A-4 Crib?</li> <li>Cribs: 241-CX-70, 216-C-9, 216-Z-1, 241-Z-361, 216-Z-9</li> <li>Worker Health &amp; Safety</li> </ul>	DOE-RL, Al Farabee  Ecology, Stephanie Schleif	X			X	*RAP, PIC, BCC, HSEP  Potential COTW

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	<ul style="list-style-type: none"> <li>Characterization Plans update (Milestone M-85-80)</li> <li>How soon do we need to get to a decision for remediation?</li> </ul>						
	Public Policy Discussion regarding the end state of central plateau <ul style="list-style-type: none"> <li>Planning for HAB &amp; Public Engagement</li> </ul>	TPA			X		PIC
<b>3</b>	<b>Groundwater</b>						
	Monitor Performance of Pump & Treat <ul style="list-style-type: none"> <li>Yearly Report</li> <li>200-BP-5</li> <li>200-PO-1</li> <li>200-UP-1</li> <li>200-ZP-1</li> <li>200 East Perched Water</li> </ul>	DOE-RL, Mike Cline  EPA, Dave Einan  Ecology, Nina Menard			X		RAP
	Phosphate Injection at 300 Area (Uranium Sequestration) <ul style="list-style-type: none"> <li>Implementation of the ROD for 300 Area</li> </ul>	DOE-RL, Mike Cline (Mark Heeter to follow up)  EPA, Ben Simes					RAP
<b>4</b>	<b>Tanks</b>						
	Tank Waste Retrieval & Closure <ul style="list-style-type: none"> <li>Updates on A/ AX Farms and SST retrieval</li> <li>Waste Area Management C Performance Assessment and WIR determination</li> </ul>	DOE-ORP, TBD  Ecology, Jeff Lyon	X				TWC
	Tank Integrity Program <ul style="list-style-type: none"> <li>DST Tank Integrity Program</li> </ul>	DOE-ORP, TBD					TWC

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	<ul style="list-style-type: none"> <li>Leak Detection</li> <li>Lessons Learned from AY-102</li> <li>The ability of the double shell tanks to meet the goals of WTP</li> </ul>	Ecology, Steve Lowe					
	Tank Vapors (Also Worker Health & Safety) <ul style="list-style-type: none"> <li>Timing: As information becomes available</li> <li>Status of already implemented improvements</li> <li>Cartridge Testing</li> </ul>	DOE-ORP, Jim Lynch	X				*TWC, HSEP
<b>5</b>	<b>WTP</b>						
	Technical Issue Resolution <ul style="list-style-type: none"> <li>Pretreatment and HLW</li> <li>Meaning of resolution vs. closure</li> <li>Budget Impacts</li> </ul>	DOE-ORP, TBD Ecology, Dan McDonald	X				*TWC, BCC
	System Planning: System Plan/One System Integration <ul style="list-style-type: none"> <li>Discuss these two efforts and how they are integrated, path forward</li> <li>Chart that reflects integration (conversation &amp; understanding)</li> </ul>	DOE-ORP, TBD Ecology, Dan McDonald				X	TWC
	Direct Feed Low Activity Waste System <ul style="list-style-type: none"> <li>Low Activity Waste Pretreatment System, Effluent Management Facility</li> <li>Related to regulatory integration/efficiencies topic; One System. Permitting &amp; Permit Implementation Strategy</li> <li>EMF/WTP/DFLAW Permit Modification Interactions</li> <li>Hot/Cold Commissioning, Construction Complete</li> <li>Full Lifecycle of DFLAW process system</li> <li>DSA</li> <li>TSCR &amp; Disposal Path Forward</li> <li>NEPA Requirements</li> <li>DFLAW Scope</li> </ul>	DOE-ORP, TBD DOE-RL, TBD (IDF Only) Ecology, Dan McDonald and Mandy Jones (for DFLAW Permitting)	X	X	X	X	TWC  HSEP

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	<ul style="list-style-type: none"> <li>Performance Assessment for IDF</li> <li>Follow up with Critical Path (50,000 ft level)</li> </ul>						
<b>6</b>	<b>Worker Health &amp; Safety</b>						
	Heat Stress Mitigation/Worker Monitoring <ul style="list-style-type: none"> <li>Results and lessons learned from heat stress monitoring project, emerging technologies for personal safety monitoring devices, relationship to workforce safety</li> <li>Best Practice &amp; Successes Site Wide</li> </ul>	DOE-RL, Tobin Mott  DOE-ORP, Ricky Bang		X			HSEP
	Site Wide Respiratory Protection Program <ul style="list-style-type: none"> <li>New equipment</li> <li>Implementation Changes</li> </ul>	DOE-RL, TBD  DOE-ORP, Ricky Bang		X			HSEP
	Beryllium Program Update <ul style="list-style-type: none"> <li>Briefing on Implementation of Corrective Action Plan</li> <li>Results on Beryllium implementation at tank farms</li> <li>Worker statistics report, number of sensitized workers</li> <li>Lessons Learned</li> </ul>	DOE-RL, Stan Branch and Dr. Sandy Rock (HPMC)  DOE-ORP, Ricky Bang	X				HSEP
	Tank Vapors (Also in Tanks) <ul style="list-style-type: none"> <li>Timing: As information becomes available</li> <li>Status of already implemented improvements</li> <li>Cartridge Testing</li> </ul>	DOE-ORP, Jim Lynch	X				TWC, HSEP
	Emergency Preparedness <ul style="list-style-type: none"> <li>Lessons Learned</li> <li>Shelter in place</li> <li>Public &amp; Worker Communications</li> <li>Upcoming drills</li> </ul>	DOE-RL, Steve Sanders  DOE-ORP, TBD	X				HSEP

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<b>7</b>	<b>Permitting/Authorization</b>						
	<ul style="list-style-type: none"> <li>• RCRA – Site Wide Permit</li> <li>• CERCLA</li> <li>• Rev 9 updates <u>Draft due for comments for public comments FY19</u></li> <li>• Permit Tutorial on why it is so complicated</li> <li>• Agreed to working principles document</li> <li>• Rev 8C forecast &amp; permit progress</li> <li>• Phase Permitting on WTP (Construction vs. Operational)</li> <li>• One System Flow Chart (DFLAW Emphasis)</li> <li>• Streamlining permit processes and implementation</li> <li>• Many permitting processes coming up.</li> <li>• Work between agencies to sequence and coordinate technical permitting processes, public involvement activities.</li> <li>• Considerations for increasing efficiencies that meet regulatory deadlines and provide the assurances that regulatory agencies need.</li> <li>• Present visual flowsheet that describes various requirements, timing, etc.</li> <li>• Public involvement focus; opportunity to address how permitting process relates to public comment periods</li> <li>• How to do public involvement discussion to improve engagement</li> </ul>	Ecology, Suzanne Dahl (Site Wide Permit) and Mandy Jones (for DFLAW Permitting)	X	X	X	X	All
<b>8</b>	<b>Critical Infrastructure</b>						
	<ul style="list-style-type: none"> <li>• The status of structures on the site in relation to min-safe maintenance including domestic/fire/industrial supply water, sewer, utilities, roads, communications,</li> </ul>	DOE-RL, TBD DOE-ORP, TBD					All  Potential COTW

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	<p>data management, and traffic safety (HSEP lead) including contingency plans.</p> <ul style="list-style-type: none"> <li>• Infrastructure to support the tank farms, WTP and Hanford cleanup mission (labs, ETF, etc.), setting up the Central Plateau for success and supporting the workforce.</li> <li>• How do you define infrastructure?</li> <li>• What are your priorities?</li> <li>• May be a series of separate briefings for TWC/RAP/HSEP for separate areas of interest.</li> <li>• For TWC, updates may be related to the Tank Integrity topic.</li> <li>• Relationship to budget priorities or Continuing Resolution</li> </ul>						
<b>9</b>	<b>Outreach</b>						
	<p>Discussion</p> <ul style="list-style-type: none"> <li>• Provide input on the agencies upcoming outreach activities</li> <li>• Provide feedback on public involvement efforts for TPA activities</li> <li>• Discuss opportunities for the agencies to engage with the public</li> <li>• Discuss new approaches for regional meetings</li> <li>• Rebrand State of Site Meetings</li> <li>• Discuss how to foster institutional knowledge</li> <li>• Provide potential tutorials</li> <li>• Round robin discussions on HAB member outreach activities</li> <li>• Review and discuss diversity goals</li> <li>• Discuss opportunities for webinars</li> </ul>	TPA	X	X	X	X	PIC

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	<p>Context</p> <ul style="list-style-type: none"> <li>Increasing regional awareness of Hanford’s mission</li> <li>Soliciting input/advance notice to provide feedback</li> <li>Creating dialogue</li> <li>Developing working knowledge of: <ul style="list-style-type: none"> <li>How HAB members conduct Hanford outreach with their constituencies</li> <li>Input provided by constituencies about Hanford</li> </ul> </li> </ul>	TPA	X	X	X	X	PIC
<b>10</b>	<b>Contract Procurement</b>						
	<ul style="list-style-type: none"> <li>DOE provide status of current and upcoming prime contracts</li> <li>Opportunity for Board Input</li> </ul>	DOE-RL & ORP, Karen Flynn	X	X	X	X	*BCC, All
<b>11</b>	<b>Budget</b>						
	<ul style="list-style-type: none"> <li>DOE-RL and DOE-ORP will update the Board on annual budget priorities information</li> <li>Relationship to critical infrastructure</li> <li>Most important projects</li> <li>HAB Budget review and comment</li> <li>Review of legal requirements 89-1 consent decree and revisions?</li> <li>Priorities</li> <li>Continuing Resolution</li> <li>Lifecycle Scope, Cost, Schedule Report</li> <li>Lack of coverage to compliance budget needs</li> <li>Productivity improvements (super stretch goals, etc.)</li> </ul>	DOE-RL, Greg Jones/Mark Coronado  DOE-ORP, TBD  Ecology, TBD  EPA, Dave Einan	X	X	X	X	*BCC, All  Potential COTW

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<b>12</b>	<b>Tutorials &amp; Guidance</b>						
	Tutorials & Guidance <ul style="list-style-type: none"> <li>• Potential for Agency Tutorials</li> <li>• HAB Internal Work               <ul style="list-style-type: none"> <li>○ Values &amp; Diversity</li> </ul> </li> </ul>						All
	Simplified Waste Primer <ul style="list-style-type: none"> <li>• Definition of waste types</li> <li>• Asking for Agency Review</li> </ul>			X			HSEP
	Guidance Electronic Notebook <ul style="list-style-type: none"> <li>• Identify drivers/processes for procurements and budgets</li> <li>• How does the BCC prepare?</li> <li>• How to incorporate other committees?</li> </ul>						BCC
	Board Education/Communication <ul style="list-style-type: none"> <li>• Redesign new member orientation</li> <li>• Materials for new board members</li> <li>• Best Mechanism for communication for all board members</li> </ul>						*PIC, All
<b>13</b>	<b>Programmatic Topics</b>						
	Science and Technology Needs at the Hanford Site <ul style="list-style-type: none"> <li>• Are there improvements that could save millions of dollars?</li> <li>• “Grand Challenges”</li> <li>• Staying focused on the mission. Not diverting from the mission.</li> <li>• What technologies are the Agencies looking at?</li> <li>• Programmatic integration</li> <li>• ALARA Center</li> </ul>	DOE-RL, TBD DOE-ORP, TBD					*EIC, All

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	<b>Regulatory Reform*</b> <ul style="list-style-type: none"> <li>• What does it mean for the HAB?</li> <li>• How can the HAB contribute?</li> <li>• What are they looking to change?</li> <li>• Could reclassification impact Hanford?</li> <li>• NEPA/EPA Superfund Taskforce/DOE Order 435.1</li> </ul>	DOE-RL, <b>TBD</b> DOE-ORP, <b>TBD</b>	X				COTW
	<b>Risk*</b> <ul style="list-style-type: none"> <li>• Common understanding and definition of what risk is.</li> <li>• How is risk used to make informed decisions?</li> <li>• Understanding basis for risk-based decisions</li> <li>• Site end states</li> </ul>	DOE-RL, <b>TBD</b> DOE-ORP, <b>TBD</b>					All <b>Potential COTW</b>
	<b>TRU Program*</b> <ul style="list-style-type: none"> <li>• Different Types of Waste</li> <li>• Status update on WIPP recovery and where Hanford Site waste is in the queue</li> <li>• Request slides from Doug Shoop during Agency presentation</li> <li>• What infrastructure or new facilities will be necessary at Hanford in order to support an earlier start for shipment of TRU?</li> <li>• Potential for Board collaboration with the INL CAB in support of earlier TRU retrieval at Hanford</li> </ul>	DOE-RL, <b>TBD</b> DOE-ORP, <b>TBD</b>	[X]				*RAP, All
<b>14</b>	<b>Emerging Topics at the Hanford Site</b>						*EIC, All

### Overarching Questions

- |          |   |
|----------|---|
| <b>1</b> | • Are there decisions or milestones coming soon?        |
| <b>2</b> | • What is the project schedule or do you expect delays? |
| <b>3</b> | • Is there funding?                                     |

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4	<ul style="list-style-type: none"> <li>Which contractors are changing?</li> </ul>
5	<ul style="list-style-type: none"> <li>Are there opportunities for Board input?</li> </ul>
6	<ul style="list-style-type: none"> <li>Are there changes occurring?</li> </ul>
7	<ul style="list-style-type: none"> <li>Is there any new technology needed?</li> </ul>

Holding Bin Topic	Context
Annual Employee Concerns Program – Potential 1-time update when RFP’s come out.	<ul style="list-style-type: none"> <li>Programmatic update as needed</li> <li>Transition to a new contractor (when RFPs come out)</li> <li>Dispute resolution process</li> </ul>
Safety Culture – Annual Update	Depending on results of the FY16 Sounding Board from June and potential follow-up products. Potential Advice with RFP’s come out for public comment
ERDF	Updates
618-11	Remediation
Merger ORP/RL	Potential Merger of ORP/RL
Integrated Priority List and Schedule	<ul style="list-style-type: none"> <li>Integrated Schedule</li> <li>Integrated Priority List</li> </ul>
Delegation of Decision Making at Mature Sites	Watch List
200-DV-1 (Deep Vadose Zone)	<ul style="list-style-type: none"> <li>Characterization</li> </ul>
Pensions & Debt	<ul style="list-style-type: none"> <li>Will this affect cleanup dollars?</li> <li>Clarification from Headquarters</li> </ul>