

## Hanford Advisory Board Fiscal Year 2015 Interim Work Plan

Proposed additions from October TWC and RAP committee discussions in **RED**

Topic	Quarter 1 10/ 2014 – 12/2014	Quarter 2 01/2015– 03/2015	Quarter 3 04/2015 – 06/2015	Quarter 4 07/2015 – 09 2015	Committee Assignment <i>(lead in Bold)</i>
<p><b>Deferred Maintenance Plan</b></p> <p><b>Agency Lead:</b> Kyle Rankin, DOE-RL Chief Engineer</p> <p><b>Action:</b> Policy discussion</p> <p><b>Potential HAB Action:</b> <span style="background-color: yellow; display: inline-block; width: 50px; height: 15px;"></span></p> <p><b>Context:</b> The status of structures on the site in relation to min-safe maintenance</p> <p><i>Domestic/fire/industrial supply water, sewer, data</i></p>	<p>Presentation by DOE-RL (October)</p>				<p><b>RAP, joint with HSEP</b></p>
<p><b>100 D/H Proposed Plan for Record of Decision (ROD)</b></p> <p><b>Agency Lead:</b> Dr. Jim Hansen, DOE-RL Senior CERCLA Advisor Nina Menard, Ecology</p> <p><b>Action:</b> Public Involvement</p>		<p style="color: red;">Presentation by DOE-RL</p>			<p><b>RAP</b></p>

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<p><b>Potential HAB Action:</b> Public Involvement</p> <p><b>Context:</b> Cleanup of soils and groundwater at D/H. Are the proposed actions consistent with HAB clean up values?</p>					
<p><b>Central Plateau Inner Area Principles</b></p> <p><b>Agency Lead:</b> Dr. Jim Hansen, DOE-RL Senior CERCLA Advisor</p> <p><b>Action:</b> Policy discussion</p> <p><b>Potential HAB Action:</b> Conversation/COTW--&gt; Advice</p> <p><b>Context:</b> (Policy Level Topics) As the central plateau 200 Area Work Plans are finalized, what are the Board’s values on land use, exposure scenarios, points of compliance and long-term institutional control</p>	Presentation by DOE-RL (November Board meeting, November RAP meeting/tour)			X (estimated product by May 2015)	<b>RAP</b>
<p><b>ERDF Proposed Plan for Record of Decision (ROD) Amendment</b></p> <p><b>Agency Lead:</b> EPA</p> <p><b>Action:</b> Policy discussion</p>	X (October, advice in November)				<b>RAP</b>

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<p><b>Potential HAB Action:</b> Advice</p> <p><b>Context:</b> (Policy Level Topics) Waiver to allow in-trench treatment at ERDF. Schedule to be determined. Goal to have ROD issued by December 2015.</p>					
<p><b>Next RL Vision</b></p> <p><b>Agency Lead:</b> Stacy Charboneau, DOE-RL, Acting Deputy Manager</p> <p><b>Action:</b> Policy discussion</p> <p><b>Potential HAB Action:</b> Conversation/COTW--&gt; Advice</p> <p><b>Context:</b> Understand the direction RL plans to take based on feedback from last vision and current priorities.</p>	<p>Presentation by DOE-RL (December)</p>				<b>RAP</b>
<p><b>Safety Culture Improvement Efforts</b></p> <p><b>Agency Lead:</b> Steve Pfaff, DOE-ORP Safety Culture Champion</p>	<p>Briefing provided by DOE-ORP (October)</p>		<p>Briefing provided by DOE-ORP</p>		<b>TWC/HSEP</b>

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<p><b>Action:</b> Informational</p> <p><b>Potential HAB Action:</b></p> <p><b>Context:</b> Improvement actions in response to the June 2014 follow-up Assessment of Safety Culture – focusing on Office of River Protection (ORP) and the Waste Treatment and Immobilization Plant (WTP)</p>					
<p><b>Tank Farm Vapor Issues</b></p> <p><b>Agency Lead:</b> Brian Harkins, ORP Deputy Assistant Manager for Technical and Regulatory Support</p> <p><b>Action:</b> Informational</p> <p><b>Potential HAB Action:</b> Update/briefing-&gt; potential advice</p> <p><b>Context:</b> Draft report due by end of September 2014</p>	<p>Draft report provided by the independent team of experts led by SRNL</p> <p style="color: red;">Draft report to be released for public comment mid-Oct., discuss at committee in November</p>	<p>Final SRNL-led independent team report expected by end of December 2014</p>			<b>TWC/HSEP</b>
<p><b>Risk-based Retrieval, Treatment and Closure</b></p> <p><b>Agency Lead:</b> Joni Grindstaff, DOE-ORP</p> <p><b>Action:</b></p>		<p>Presentation by DOE-ORP</p>			<b>TWC</b>

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<p>Policy discussion</p> <p><b>Potential HAB Action:</b> Provide report to ORP with those considerations identified in the context.</p> <p><b>Context:</b> (Policy Level Issues) Should the current TPA SST retrieval goals of &lt;360 cu ft of residuals remaining (based on retrieving 99% of the total waste volume in all SSTs) be improved to account for long term risks based on the constituents remaining in the tanks? Do some tanks, based on constituents, provide an opportunity to consider alternate waste forms other than vitrification that protect the public and the environment? What strategic improvements in the tank farm cleanup mission should be considered to reduce overall mission duration?</p> <p style="color: red;">Combining Waste Areas Management C topic with this item. After consent decree resolution, agencies can speak to WMA C. Performance Assessment activities for WMA-C may be included.</p>					
<p><b>Cesium Storage</b></p> <p><b>Agency Lead:</b> Steve Pfaff, ORP Federal Project Director, Low Activity Waste Pretreatment System</p> <p><b>Action:</b> Policy discussion</p> <p><b>Potential HAB Action:</b></p>		Presentation by DOE-ORP			<b>TWC</b>

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<p>Provide report to ORP with consideration of the following:</p> <ul style="list-style-type: none"> <li>• Are there alternate cesium removal, storage, and disposition technologies that should be considered under Direct Feed Low Activity Waste scenarios?</li> <li>• What would be the implications for long term cleanup planning on the Central Plateau?</li> </ul> <p><b>Context:</b> Current Direct Feed Low Activity Waste plans call for using ion exchange to strip radioactive cesium from the LAW feed stream, ultimately returning the cesium to the tank farms for later processing when the rest of the WTP is operational.</p> <p>Alternate cesium removal strategies could entail capturing cesium on materials (such as those used in Japan following the Fukushima releases), which would then need to be stored pending ultimate disposition</p>					
<p><b>Waste Treatment and Immobilization Plant Progress</b></p> <p><b>Agency Lead:</b> <b>Bill Hamel</b></p> <p><b>Action:</b> Policy discussion</p> <p><b>Potential HAB Action:</b> Based on briefings the HAB will develop and advocate an effective public communication strategy document for use by the WTP Assistant Manager</p>	<p>Presentation by DOE-ORP  (October)</p>		?		<b>TWC</b>

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<p><b>Context:</b> Briefings on the current Waste Treatment and Immobilization Plant (WTP) success, namely:</p> <ul style="list-style-type: none"> <li>• High-Level Waste (HLW) Safety Design Strategy approval and implementation</li> <li>• HLW Authorization to Proceed with full Production Engineering</li> <li>• Direct Feed Low-Activity Waste Initiation of Pre-Conceptual Design and Engineering</li> </ul>					
<p><b>HAB Outreach</b></p> <p><b>Agency Lead:</b> TPA PIO's</p> <p><b>Action:</b> Outreach activity</p> <p><b>Potential HAB Action:</b> Information sharing</p> <p><b>Context:</b> (Policy Level Topics) HAB Outreach activities, Public Outreach/Education about cleanup, the HAB, and its role, and opportunities for the public to be engaged in HAB activities.</p>	<i>Ongoing</i>	<i>Ongoing</i>	<i>Ongoing</i>	<i>Ongoing</i>	<b>PIC</b>
<p><b>Budget or Continuing Resolution Updates</b></p> <p><b>Agency Lead:</b> Mark Coronado, DOE-RL Budget Manager</p>	RL & ORP Presentation	<b>Possibly Jan., after Dec. 11</b>			<b>RAP, TWC, BCC</b>

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<p><b>Action:</b> Informational Committee of the whole in March?</p> <p><b>Distribute RAP presentation material to TWC/BCC members. Existing CR through Dec. 11, 2014. Steve Hudson would like to bring in information from EMSSAB meeting, involve BCC to develop framing questions.</b></p> <p><b>Potential HAB Action:</b> <span style="background-color: yellow; display: inline-block; width: 20px; height: 10px;"></span></p> <p><b>Context:</b> RL and ORP will update the Board on how the continuing resolution will impact work scope.</p>					
<p><b>Area Management Plan</b></p> <p><b>Agency Lead:</b> Keith Grindstaff, DOE-RL Hanford Long-Term Stewardship Program Manager</p> <p><b>Action:</b> Informational</p> <p><b>Potential HAB Action:</b> Advice</p> <p><b>Context:</b></p>	<p>Presentation by DOE-RL (November/December)</p>			<p><b>X</b> (safety)</p>	<p><b>RAP</b></p>

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<p>Provide an overview of the Plan how it will be used to determine increased, controlled public and tribal access and uses.</p> <p><i>Safety Basis at ORP</i></p>					
<p><b>Cesium and Strontium Capsules (request for separate topic)</b>  Dale McKinney (CH2M Hill) is a potential contact.  Class III modification for WESF in Dec/early Jan.</p>	TBD				<b>RAP</b>
<p><b>Consent Decree (HAB Topic)</b></p> <p><b>Agency Lead:</b>  <span style="background-color: yellow; display: inline-block; width: 50px; height: 15px;"></span></p> <p><b>Action:</b>  <span style="background-color: yellow; display: inline-block; width: 50px; height: 15px;"></span></p> <p><b>Potential HAB Action:</b>  Conversation/COTW</p> <p><b>Context:</b>  (Policy Level Topics) Process for public involvement</p>	X				<b>PIC</b>
<p><b>CRESP (HAB Topic)</b></p> <p><b>Agency Lead:</b>  <span style="background-color: yellow; display: inline-block; width: 50px; height: 15px;"></span></p> <p><b>Action:</b>  Update/ briefing</p>	X				<b>HAB</b>

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<p><b>Potential HAB Action:</b> Conversation/COTW; <b>Board letter to DOE-HQ in Nov on draft report</b></p> <p><b>Context:</b> Draft methodology</p>					
<p><b>Public Understanding of... [topic] (HAB Topic)</b></p> <p><b>Agency Lead:</b> <span style="background-color: yellow; display: inline-block; width: 50px; height: 1em;"></span></p> <p><b>Action:</b> <span style="background-color: yellow; display: inline-block; width: 50px; height: 1em;"></span></p> <p><b>Potential HAB Action:</b> White Paper/other HAB product</p> <p><b>Context:</b> Involving an informed public on issues like cleanup levels, waste streams and classifications, risk, Ecology - DOE negotiations</p>		X			
<p><b>618-10/618-11 (HAB Topic)</b></p> <p><b>Agency Lead:</b> <span style="background-color: yellow; display: inline-block; width: 50px; height: 1em;"></span></p> <p><b>Action:</b> <span style="background-color: yellow; display: inline-block; width: 50px; height: 1em;"></span></p> <p><b>Potential HAB Action:</b> Information Sharing</p>		X			

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<b>Context:</b> (Policy Level Issues) Vertical Pipe Units					
<b>SST Tank Retrieval (leaking and non-leaking) (HAB Topic)</b>  <b>Agency Lead:</b> <span style="background-color: yellow; display: inline-block; width: 50px; height: 15px;"></span>  <b>Action:</b> <span style="background-color: yellow; display: inline-block; width: 50px; height: 15px;"></span>  <b>Potential HAB Action:</b> Update/ briefing  <b>Context:</b> Status updates.	X				<b>TWC</b>
<b>What it takes to empty DST? (HAB Topic)</b>  <b>Agency Lead:</b> <span style="background-color: yellow; display: inline-block; width: 50px; height: 15px;"></span>  <b>Action:</b> <span style="background-color: yellow; display: inline-block; width: 50px; height: 15px;"></span>  <b>Potential HAB Action:</b> Committee Education/Board Evening Tutorial Full board briefing?	X				<b>TWC/PIC</b>

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<p><b>Context:</b> (Policy Level Issues) How difficult it will be, what are the safety considerations? Couple it with the risk-based retrieval. Related to DST integrity.</p> <p>Timely for November, agency settlement on AY-102</p>					
<p><b>Direct Feed LAW (HAB Topic)</b></p> <p><b>Agency Lead:</b> [Redacted]</p> <p><b>Action:</b> [Redacted]</p> <p><b>Potential HAB Action:</b> Update/briefing</p> <p><b>Context:</b> (Policy Level Issues) Potential technical issues - at tank/near tank/in tank, cesium and solids removal</p> <p>ORP can support a briefing</p>	November briefing				<b>TWC</b>
<p><b>State of the Site Meetings (HAB Topic)</b></p> <p><b>Agency Lead:</b> [Redacted]</p> <p><b>Action:</b> [Redacted]</p>	X				<b>PIC</b>

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<p><b>Potential HAB Action:</b> Update/briefing</p> <p><b>Context:</b> [Redacted]</p>					
<p><b>Overall Strategic Public Involvement (HAB Topic)</b></p> <p><b>Agency Lead:</b> [Redacted]</p> <p><b>Action:</b> [Redacted]</p> <p><b>Potential HAB Action:</b> Conversation -&gt; potential advice</p> <p><b>Context:</b> (Policy Level Issues) Listservs, notifications, communications, environmental justice, etc.</p>		X			PIC
<p><b>Input into TPA agency Public Involvement Events (HAB Topic)</b></p> <p><b>Agency Lead:</b> [Redacted]</p> <p><b>Action:</b> [Redacted]</p>	Ongoing	Ongoing	Ongoing	Ongoing	PIC

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<p><b>Potential HAB Action:</b> [Redacted]</p> <p><b>Context:</b> Public meetings, TPA agency materials and presentations</p>					
<p><b>Debriefing TPA agency Public Involvement Events (HAB Topic)</b></p> <p><b>Agency Lead:</b> [Redacted]</p> <p><b>Action:</b> [Redacted]</p> <p><b>Potential HAB Action:</b> Update/briefing</p> <p><b>Context:</b> Public meetings, TPA agency materials and presentations</p>	Ongoing	Ongoing	Ongoing	Ongoing	<b>PIC</b>
<p><b>FY2015 Continuing Resolution (HAB Topic)</b></p> <p><b>Agency Lead:</b> [Redacted]</p> <p><b>Action:</b> [Redacted]</p> <p><b>Potential HAB Action:</b> [Redacted]</p>		<b>X</b>			<b>BCC</b>

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<b>Context:</b> Building blocks in February 2015					
<b>Criteria for/Prioritizing or Ranking Projects under a Constrained Budget (HAB Topic)</b>  <b>Agency Lead:</b> <span style="background-color: yellow;">          </span>  <b>Action:</b> <span style="background-color: yellow;">          </span>  <b>Potential HAB Action:</b> Conversation/presentation -> advice  <b>Context:</b> (Policy Level Issues) Further understanding of budget, should use the ABB budget concept		X			<b>BCC</b>

Binned Items	
<b>HAB</b>	<b>"Policy Level Issues" text in black; "Potential HAB Action" in red</b>
Direct Feed HLW	Potential technical issues. Tied to tank waste characterization
Tank Waste Characterization and Staging Facility (to feed WTP) (HAB Topic) (Was part of framework document by Sec. Moniz. No funding applied. No progress since last briefing.)	Tank capacity, blending capacity Should you ever build DST like you did before? What should you build?
WTP Technical Issues (erosion/corrosion, hydrogen in piping, criticality) (HAB Topic) (Related to consent decree. No schedule resolution.)	Policy Level Issues) Sequence of WTP tech issues to be determined, Eventual update to board, once all WTP topics to committee

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Systems Plan (HAB Topic) (related to consent decree, timing uncertain, No active work on future System Planning)	
Regulatory Framework for TPA Cleanup Mission (HAB Topic) (Suggestion for update to HAB, then committee discussion, as needed, when consent decree is completed)	Update on schedule, milestones, etc. Question as to process with public comment period.
WTP Technical Issues (erosion/corrosion, hydrogen in piping, criticality) (HAB Topic) (related to consent decree, no timing available)	Sequence of WTP tech issues to be determined, Eventual update to board, once all WTP topics to committee
DST Integrity (HAB Topic) (possibly Q2/Q3)	Policy Level Implications) Expert panel review results, need for tank capacity to be able to safely store waste, need for characterization to ensure tank integrity and for waste mixing <ul style="list-style-type: none"> <li>• Need for characterization to ensure tank integrity and for waste mixing</li> <li>• Related to tank retrieval</li> </ul>
Tribal regulation training (for HAB), WA Department of Archeologic and Historic Preservation presentation?	
300 Area (phosphate) status report/implementation of the work plan under ROD	
618-10/11 update	
Appetite barrier / 100-N	
Plutonium Finishing Plant (Feb/March?)	periodic updates
K Reactor Bore Holes (data available early 2015; March 2015)	
PW- 1/3/6 Work Plan (late summer/fall 2015)	
324 building and VZ plume (early 2015)	
Tanks that may contain transuranic waste	
Site-wide RCRA permit	
K-Basin Sludge	Funding considerations, path forward, sludge removal plan Enforcement actions, failure to meet
Remaining 100 Area RI/FS and Proposed Plans (N)	Review of recommendations of proposed plans
324-B cell VZ plume	
Pre-70 TRU waste	
SW-2 Burial Grounds (potentially spring 2015) and possibly others	Part of Central Plateau Inner Area Principles
"Safety Basis" at WESF	How DOE is ensuring that this facility is safe, given its age and

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	condition, adequacy of the technical basis, adequacy of the Basis for Interim Operations (BIO), what is happening to the basin concrete? Part of Cesium Storage, Central Plateau Inner Area Principles for TPA work plan
200 Area Groundwater Treatment	Update/Briefing
DOE Order 435.1/ Redefinition of waste classification	
Tank Closure & Waste Management EIS	
Lifecycle Scope, Schedule & Cost Report (FY2014/2015). Only comment when master schedules or TPA milestones change	
Re-baseline of WTP	
Beryllium programmatic annual update	
<b>TPA</b>	
CRESP – Methodology Report at September HAB	Comments requested (emails) by October 3, 2014
K-Basin Sludge	
Changes to Milestones	
Consent Decree	
CRESP Interim Report Delivered February 2015	Considered advice (draft final report December 2015)

Comment Periods	
Class 2 Modification – Hazardous Waste Permit Attachments 4/9	September 15 – November 13

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