

## Tank Waste Committee (TWC)

<u>February 2021</u>	<u>March 2021</u>	<u>April 2021</u>	<u>May 2021 – Sep 2021</u>
<p><u>Meeting Date:</u> Feb 10 (9:00 am – 12:00 noon)</p> <p><u>Committee Call Date:</u> Feb 23 @ 3:00 pm placeholder</p>	<p><u>HAB Meeting Date:</u> Mar 17-18</p> <p><u>Meeting Date:</u> no committee meeting placeholder</p> <p><u>Committee Call Date:</u> Mar 30 @ 3:00 pm placeholder</p>	<p><u>Meeting Dates:</u> Apr 14 placeholder</p> <p><u>Committee Call Dates:</u> Apr 27 @ 3:00 pm placeholder</p> <p><u>Leadership Workshop:</u> April 28-29 (rescheduled from May)</p>	<p><u>Meeting Dates:</u> May 12 &amp; Aug 11 placeholders</p> <p><u>Committee Call Dates:</u> May 25, Jun 22, Aug 24 &amp; Sep 28 placeholders</p> <p><u>HAB Meeting Dates:</u> Jun 9-10 and Sep 22-23</p>
<ul style="list-style-type: none"> <li>• <b>Standing Items</b> <ul style="list-style-type: none"> <li>○ Adopt last meeting summary</li> <li>○ Committee business</li> <li>○ Future meeting topics</li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>• <b>Standing Items</b> <ul style="list-style-type: none"> <li>○ Adopt last meeting summary</li> <li>○ Committee business</li> <li>○ Future meeting topics</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• <b>Standing Items</b> <ul style="list-style-type: none"> <li>○ Adopt last meeting summary</li> <li>○ Committee business</li> <li>○ Future meeting topics</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>• <b>Topics</b> <ul style="list-style-type: none"> <li>○ Selection of TWC chair and vice chair – 15 minutes</li> <li>○ Presentation on Commissioning – 60 minutes</li> <li>○ Tank integrity. Possible draft letter &amp; follow up from IM team – 30 minutes</li> <li>○ Input into Cleanup Priorities draft advice (BCC) – 30 minutes</li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>• <b>Topics</b> <ul style="list-style-type: none"> <li>○ Grout. Issues with grout. How we ended up where we are with vitrification &amp; agreements that have been made. Overall look at the situation.</li> <li>○ Emergency pumping guide</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• <b>Topics</b> <ul style="list-style-type: none"> <li>○ <u>June HAB</u>. DFLAW end-to-end discussion – Erik Olds, DOE</li> </ul> </li> </ul>

Working Draft

Topic Number <i>(for ease of reference)</i>	Agenda Topic	Framing Questions & Background Notes	Issue Managers	Agency Staff
1	<p><b>Name:</b> 242-A Evaporator</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b> Update in Spring 2021?</p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>Framing Questions</b></p> <ul style="list-style-type: none"> <li>• Update</li> </ul> <p><b>HAB Products</b> <i>(may include due dates)</i></p> <ul style="list-style-type: none"> <li>• .</li> </ul>	<p>Shelley Cimon, Lead</p> <p>Rob Davis</p> <p>Liz Mattson</p> <p>Vince Panesko</p> <p>Dan Solitz</p> <p>Bob Suyama</p>	
2	<p><b>Name:</b> “Actionable Advice”</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b></p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>Framing Questions</b></p> <ul style="list-style-type: none"> <li>• What does “actionable advice” mean for TWC?</li> </ul> <p><b>HAB Products</b> <i>(may include due dates)</i></p> <ul style="list-style-type: none"> <li>• .</li> </ul>		
3	<p><b>Name:</b> Composite Analysis and Performance Assessments</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b> Composite Analysis is a joint topic with RAP</p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>Framing Questions</b></p> <ul style="list-style-type: none"> <li>• What is the Composite Analysis?</li> <li>• Annual report under TPA milestone (joint with RAP)</li> <li>• How does the Composite Analysis and Performance Assessments (PAs) relate to materials that will end up in disposal sites, such as secondary waste in IDF.</li> <li>• Recent Ecology letter regarding the A/AX tank farm PA dealing with risk, exposure pathways, boundaries, and COCs</li> <li>• What is the next step at C Farm and related WIR?</li> <li>• Is the plume under C Farm from somewhere else (e.g. ancient lakebeds)?</li> </ul> <p><b>HAB Products</b> <i>(may include due dates)</i></p> <ul style="list-style-type: none"> <li>• .</li> </ul>		

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<p>4</p>	<p><b>Name:</b> Contracting – Operations &amp; End State Approach</p> <p><b>Key upcoming dates:</b> Requested for February TWC and BCC meetings</p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b> Joint topic with BCC</p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>Framing Questions &amp; Background</b></p> <ul style="list-style-type: none"> <li>• Understanding the contract structure</li> <li>• How are they working?</li> <li>• Does an end state approach vs. a traditional approach work best for the new combined contract for DFLAW and tank farm operations?</li> <li>• What are the implications of the two approaches.</li> <li>• Open discussion to share viewpoints</li> </ul> <p><b>HAB Products</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>		
<p>5</p>	<p><b>Name:</b> Direct-Feel Low-Activity Waste (DFLAW) Critical Path</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b> Standing update at TWC meetings</p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>Framing Questions &amp; Background</b></p> <ul style="list-style-type: none"> <li>• Update</li> </ul> <p><b>HAB Products</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>		

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<p>6</p>	<p><b>Name:</b> Effluent Treatment Facility (ETF) and Liquid Effluent Retention Facility (LERF)</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Periods:</b></p> <ul style="list-style-type: none"> <li>• Dec 15, 2020 – Feb 13, 2021 for load-in station</li> <li>• Jan 25 – Mar 12, 2021 for LERF Basin 41</li> <li>• Feb 1 – Apr 2 permit mod with Mar 2 public meeting</li> </ul> <p><b>Next meeting:</b></p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>Framing Questions &amp; Background</b></p> <ul style="list-style-type: none"> <li>• Update</li> <li>• Issue flagged at Dec 8, 2020 PIC meeting for potential TWC presentation &amp; discussion</li> </ul> <p><b>HAB Products</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>		
<p>7</p>	<p><b>Name:</b> Grout</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b></p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>Framing Questions &amp; Background</b></p> <ul style="list-style-type: none"> <li>• Use of grout</li> <li>• WCS potential</li> <li>• NAS analysis</li> <li>• Technetium and Iodine – potential sticking points for on-site disposal at Hanford. Have these issues been resolved?</li> <li>• Congressional study and high-level waste interpretation</li> <li>• Basis for cost &amp; savings numbers? Class 5 estimates</li> <li>• Criteria &amp; issues of concern. Comparing technologies</li> </ul> <p><b>HAB Products</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>	<p>Jeff Burreight, lead                      Pam Larsen                      Liz Mattson                      Marissa Merker                      Vince Panesko                      Gerry Pollet                      Jacob Reynolds                      Dan Solitz                      Bob Suyama                      Steve Wiegman</p>	

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<p>8</p>	<p><b>Name:</b> High-Level Waste (HLW) Analysis of Alternatives</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b></p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>Framing Questions &amp; Background</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>HAB Products</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>		
<p>9</p>	<p><b>Name:</b> Holistic Negotiations</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b></p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>Framing Questions &amp; Background</b></p> <ul style="list-style-type: none"> <li>• What are the results of the holistic negotiations?</li> </ul> <p><b>HAB Products</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>		
<p>10</p>	<p><b>Name:</b> Integrated Disposal Facility (IDF)</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b></p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>Framing Questions &amp; Background</b></p> <ul style="list-style-type: none"> <li>• 10 of waste in IDF is unidentified. What are the impacts of this?</li> </ul> <p><b>HAB Products</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul>		

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<p>11</p>	<p><b>Name:</b> Infrastructure, Piping, and Site Transfer of Waste</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b></p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>Framing Questions</b></p> <ul style="list-style-type: none"> <li>• Integrity testing program of site transfer piping</li> <li>• Cross-site transfer line status and related issues</li> <li>• Historical knowledge helpful</li> </ul> <p><b>HAB Products</b> <i>(may include due dates)</i></p> <ul style="list-style-type: none"> <li>• .</li> </ul>		
<p>12</p>	<p><b>Name:</b> Institutional Controls vs. Engineered Controls</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b></p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>Framing Questions</b></p> <ul style="list-style-type: none"> <li>• Assumptions about future of the site and “control”</li> </ul> <p><b>HAB Products</b> <i>(may include due dates)</i></p> <ul style="list-style-type: none"> <li>• .</li> </ul>		
<p>13</p>	<p><b>Name:</b> System Plan 9</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b></p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>Framing Questions</b></p> <ul style="list-style-type: none"> <li>• What is the rest of the story?</li> </ul> <p><b>HAB Products</b> <i>(may include due dates)</i></p> <ul style="list-style-type: none"> <li>• .</li> </ul>		

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<p>14</p>	<p><b>Name:</b> Tank Integrity</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b></p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>Framing Questions</b></p> <ul style="list-style-type: none"> <li>• Tank integrity briefing</li> <li>• Results and decisions from studies on repairing tanks</li> </ul> <p><b>HAB Products</b> <i>(may include due dates)</i></p> <ul style="list-style-type: none"> <li>• .</li> </ul>	<p>Bob Suyama, lead                      Steve Anderson                      Jeff Burrigh                      Phil Lemley                      Liz Mattson                      Vince Panesko</p>	
<p>15</p>	<p><b>Name:</b> Tank Retrieval</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b></p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>Framing Questions</b></p> <ul style="list-style-type: none"> <li>• Tank retrieval</li> <li>• Third technology</li> <li>• Performance Assessment findings</li> </ul> <p><b>HAB Products</b> <i>(may include due dates)</i></p> <ul style="list-style-type: none"> <li>• .</li> </ul>		
<p>16</p>	<p><b>Name:</b> Tank-Side Cesium Removal (TSCR)</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b></p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>Framing Questions</b></p> <ul style="list-style-type: none"> <li>• Briefing</li> </ul> <p><b>HAB Products</b> <i>(may include due dates)</i></p> <ul style="list-style-type: none"> <li>• .</li> </ul>		

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<p>17</p>	<p><b>Name:</b> Technetium and Iodine Removal</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b></p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>Framing Questions</b></p> <ul style="list-style-type: none"> <li>• Refresher on the issues</li> <li>• How do Performance Assessments get built?</li> <li>• What is the history of Tc &amp; I separation in the WTP?</li> <li>• Why was it decided not to do Tc &amp; I separation?</li> <li>• What technologies are out there?</li> <li>• What would you do with Tc &amp; I if you could separate it?</li> <li>• How to handle Tc &amp; I as secondary waste that escapes as steam. (NRC made the point that steam separation of Tc &amp; I is a pretty effective way to get them out of LAW.)</li> </ul> <p><b>HAB Products</b> <i>(may include due dates)</i></p> <ul style="list-style-type: none"> <li>• .</li> </ul>		
<p>18</p>	<p><b>Name:</b> Waste Disposition: Transuranic Waste (TRU)</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b></p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>Framing Questions &amp; Background</b></p> <ul style="list-style-type: none"> <li>• Disposition of TRU that may be in the tanks</li> </ul> <p><b>HAB Products</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul>		
<p>19</p>	<p><b>Name:</b> Waste Disposition: Vitrified Waste and All Waste Streams</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b></p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>Framing Questions &amp; Background</b></p> <ul style="list-style-type: none"> <li>• Disposal paths and timelines</li> </ul> <p><b>HAB Products</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul>		

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20	<p><b>Name:</b> Waste Incidental to Reprocessing (WIR) for Vitrified Low-Activity Waste (VLAW)</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b></p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>Framing Questions &amp; Background</b></p> <ul style="list-style-type: none"> <li>• Reclassification of specific volume of waste</li> <li>• Not mixing with other High-Level Waste (HLW)</li> </ul> <p><b>HAB Products</b></p> <ul style="list-style-type: none"> <li>• Advice?</li> </ul>		
21	<p><b>Name:</b> Waste Treatment Plant (WTP)</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b> Nov 18 TWC meeting</p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>Framing Questions &amp; Background</b></p> <ul style="list-style-type: none"> <li>• Basic overview: <i>How Did We Get Here?</i></li> <li>• Collaborative presentation of information from Ecology, DOE, and perhaps others (e.g. EPA, ODOE)</li> <li>• What are the phases for commissioning?</li> <li>• Update on progress (plant, people, construction, legacy software/hardware)</li> <li>• What are final destination(s) of different waste types?</li> </ul> <p><b>HAB Products</b></p>		
22	<p><b>Name:</b></p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b> <i>insert dates and link to fact sheet or website, if appropriate</i></p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>Framing Questions</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>HAB Products</b> <i>(may include due dates)</i></p>		

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	<p><b>Next meeting:</b> <i>indicate what meeting this topic will be discussed and time needed</i></p>	<ul style="list-style-type: none"> <li>• .</li> </ul> <p><i>Keep this short/concise (not a laundry list) and focused on</i></p> <ul style="list-style-type: none"> <li>• <i>Identifying policy-level issues related to the topic</i></li> <li>• <i>What information is needed to understand the topic to inform HAB work on this issue related to the policy-level issues</i></li> <li>• <i>What product(s) the HAB intends to produce related to this topic</i></li> </ul>		

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