

## River & Plateau Committee (RAP)

<p style="text-align: center;"><b><u>February 2021</u></b></p> <p><u>Meeting Date:</u> Feb 9 placeholder</p> <p><u>Committee Call Date:</u> Feb 24 placeholder</p>	<p style="text-align: center;"><b><u>March 2021</u></b></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 31 placeholder</p>	<p style="text-align: center;"><b><u>April 2021</u></b></p> <p><u>Meeting Date:</u> Apr 13 placeholder</p> <p><u>Committee Call Date:</u> Apr 28 placeholder</p> <p><u>Leadership Workshop:</u> April 28-29 (rescheduled from May)</p>	<p style="text-align: center;"><b><u>May 2021 – Sep 2021</u></b></p> <p><u>Meeting Dates:</u> May 11 &amp; Aug 10 placeholders</p> <p><u>Committee Call Dates:</u> May 26, Jun 23, Aug 25 &amp; Sep 29 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>○ Election of RAP chair and vice chair</li> <li>○ Responses to HAB advice</li> <li>○ Draft advice development on Cleanup Priorities for FY2023</li> <li>○ M-91 (Ecology)</li> <li>○ WESF</li> <li>○ Open Forum</li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>• <b>Topics</b> <ul style="list-style-type: none"> <li>○ 324 operations (update &amp; status)</li> <li>○ Discuss RAP work plan &amp; input for Leadership Workshop</li> </ul> </li> </ul>	<p><b>Upcoming Topics</b></p> <ul style="list-style-type: none"> <li>• Talk with TWC about AX &amp; A tank farms – vadose zone, closure &amp; risk</li> <li>• Future joint RAP &amp; TWC meeting (May?)</li> <li>• RCRA Groundwater Monitoring</li> <li>• CA/CIE in Sept-Nov along with GW monitoring report (annual update)</li> </ul>



Topic Number (for reference)	Agenda Topic	Framing Questions & Background Notes	Issue Managers	Agency Staff
1	<p><b>Name:</b> 200-W Pump and Treat Optimization – Carbon Tetrachloride</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>Requested briefing</li> <li>2014 ROD says 95% contaminant reduction in 25 years of pumping and compliance. 2014 PNNL study says carbon tetrachloride will take ~630 years instead of 41 years to decay. Plume core is bigger than anticipated.</li> <li>What are solutions?</li> </ul> <p><b>HAB Products</b> (may include due dates)</p> <ul style="list-style-type: none"> <li>.</li> </ul>		
2	<p><b>Name:</b> 324 Building</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b></p> <p><b>Other Notes:</b> Brian Vance indicated at the HAB meeting on December 9, 2020 that this topic is ripe for discussion in January, February, March 2021</p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>RAP requests regular briefings because this is a very high-risk project close to the Tri-Cities and the Columbia River.</li> </ul> <p><b>Framing Questions</b></p> <ul style="list-style-type: none"> <li>How has COVID impacted the schedule? What milestones are going to need to move?</li> <li>Have work modifications been made to prevent additional contamination spread to work force?</li> <li>CHPRC did some calculations based on a PNNL report that says that up to ~700 gallons of water a day can be used during excavation without impacting groundwater. Interested in these calculations.</li> <li>It is anticipated that the wastes will eventually go to ERDF. How does this fit with ERDF's waste acceptance criteria since the contamination is tank waste?</li> </ul> <p><b>HAB Products</b> (may include due dates)</p> <ul style="list-style-type: none"> <li>.</li> </ul>		



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3	<b>Name:</b> 618-11  <b>Key upcoming dates:</b>  <b>Public Comment Period:</b>  <b>Next meeting:</b>	<b>Policy Issue(s)</b> <ul style="list-style-type: none"><li>.</li></ul> <b>Framing Questions</b> <ul style="list-style-type: none"><li>.</li></ul> <b>HAB Products</b> <i>(may include due dates)</i> <ul style="list-style-type: none"><li>.</li></ul>		
4	<b>Name:</b> A and AX Tank Farms  <b>Key upcoming dates:</b> March?  <b>Public Comment Period:</b>  <b>Next meeting:</b> Joint topic with TWC	<b>Policy Issue(s)</b> <ul style="list-style-type: none"><li>.</li></ul> <b>Framing Questions</b> <ul style="list-style-type: none"> <li>What is in and/or moving in the vadose zone?</li> <li>What does closure mean?</li> <li>What is the associated risk?</li> </ul> <b>HAB Products</b> <i>(may include due dates)</i> <ul style="list-style-type: none"><li>.</li></ul>		
5	<b>Name:</b> Budgetary Impacts on River & Plateau Work  <b>Key upcoming dates:</b>  <b>Public Comment Period:</b>  <b>Next meeting:</b> Joint topic with BCC	<b>Policy Issue(s)</b> <ul style="list-style-type: none"><li>.</li></ul> <b>Framing Questions</b> <ul style="list-style-type: none"><li>.</li></ul> <b>HAB Products</b> <i>(may include due dates)</i> <ul style="list-style-type: none"><li>.</li></ul>		



Topic Number (for reference)	Agenda Topic	Framing Questions & Background Notes	Issue Managers	Agency Staff
6	<b>Name:</b> Canyons - Demolition and Disposition  <b>Key upcoming dates:</b>  <b>Public Comment Period:</b>  <b>Next meeting:</b>	<b>Policy Issue(s)</b> <ul style="list-style-type: none"> <li>.</li> </ul> <b>Framing Questions</b> <ul style="list-style-type: none"> <li>What is the order of the planned demolition of Canyons, other than B Plant?</li> </ul> <b>HAB Products</b> <i>(may include due dates)</i> <ul style="list-style-type: none"> <li>.</li> </ul>		
7	<b>Name:</b> Carbon Tetrachloride Optimization  <b>Key upcoming dates:</b>  <b>Public Comment Period:</b> No public comment period  <b>Next meeting:</b>  <b>Other Notes:</b> Topic requested by a RAP member in November 2020. EPA project team doing study in a 5-7 year effort. Not yet ripe. Annual update might make sense. Could be part of general groundwater discussions, e.g. annual pump and treat report.	<b>Policy Issue(s)</b> <ul style="list-style-type: none"> <li>.</li> </ul> <b>Framing Questions</b> <ul style="list-style-type: none"> <li>.</li> </ul> <b>HAB Products</b> <i>(may include due dates)</i> <ul style="list-style-type: none"> <li>.</li> </ul>		
8	<b>Name:</b> Central Plateau Characterization  <b>Key upcoming dates:</b>  <b>Public Comment Period:</b>  <b>Next meeting:</b>	<b>Policy Issue(s)</b> <ul style="list-style-type: none"> <li>.</li> </ul> <b>Framing Questions</b> <ul style="list-style-type: none"> <li>.</li> </ul> <b>HAB Products</b> <i>(may include due dates)</i> <ul style="list-style-type: none"> <li>.</li> </ul>		



Topic Number (for reference)	Agenda Topic	Framing Questions & Background Notes	Issue Managers	Agency Staff
9	<p><b>Name:</b> Central Plateau Facility Schedule</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>• Plutonium Finishing Plant slab sampling</li> <li>• Non-time critical removal actions: B Plant, PUREX, REDOX.</li> </ul> <p><b>HAB Products</b> (may include due dates)</p> <ul style="list-style-type: none"> <li>• .</li> </ul>		
10	<p><b>Name:</b> Central Plateau Principles and Procedures</p> <p><b>Key upcoming dates:</b> PIC meeting on March 16 is considering draft advice on public involvement related to documents like the Central Plateau Principles</p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b></p> <p><b>Other Notes:</b> Requested by RAP vice chair in November 2020</p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• Document added by reference to the TPA</li> <li>• Formalizes RASCAL teams.</li> </ul> <p><b>Framing Questions</b></p> <ul style="list-style-type: none"> <li>• .</li> </ul> <p><b>HAB Products</b> (may include due dates)</p> <ul style="list-style-type: none"> <li>• HAB Advice #283.</li> <li>• May lead to the development of additional draft advice</li> </ul>		



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11	<p><b>Name:</b> Composite Analysis (CA)</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b> Joint topic with TWC</p>	<p><b>Policy Issue(s)</b></p> <ul style="list-style-type: none"> <li>• DOE produces annual reports on groundwater monitoring and composite analysis of radionuclides on the site</li> <li>• A new modeling tool, the Cumulative Impact Evaluation (CIE) quilts together all the groundwater models on site</li> <li>• Hanford Site Disposition Baseline (HSDB)</li> </ul> <p><b>Framing Questions</b></p> <ul style="list-style-type: none"> <li>• What is the Composite Analysis?</li> <li>• The CIE includes the CA</li> <li>• Request for annual updates</li> </ul> <p><b>HAB Products</b> (may include due dates)</p> <ul style="list-style-type: none"> <li>• .</li> </ul>		
12	<p><b>Name:</b> Cumulative Impact Evaluation Update</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>• DOE produces annual reports on groundwater monitoring and composite analysis of radionuclides on the site</li> <li>• A new modeling tool, the Cumulative Impact Evaluation (CIE) quilts together all the groundwater models on site</li> </ul> <p><b>Framing Questions</b></p> <ul style="list-style-type: none"> <li>• Request for annual update</li> </ul> <p><b>HAB Products</b> (may include due dates)</p> <ul style="list-style-type: none"> <li>• .</li> </ul>		



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13	<p><b>Name:</b> Environmental Restoration Disposal Facility (ERDF)</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b></p> <p><b>Other Notes:</b> Topic requested at October 2019 COTW</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>EPA and Ecology were concerned that the soils used to ensure that DDDD wastes are properly disposed are clean, rather than contaminated. “Dirty dirt” is a more appropriate fill source, since there is no shortage on the site, and space may be limited.</li> <li>How much space do we need, and how much space do we have remaining in ERDF?</li> <li>Where does ERDF stand in regard to its total limits on certain radionuclides?</li> <li>Is there a publicly available performance assessment for ERDF?</li> <li>Who decides whether a waste is appropriate for ERDF?</li> </ul> <p><b>HAB Products</b> (may include due dates)</p> <ul style="list-style-type: none"> <li>HAB Advice #2, #75, #219, and #281</li> <li>Work on this topic may develop into additional draft advice</li> </ul>		
14	<p><b>Name:</b> Gable Pond Cover/Cap</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b></p> <p><b>Other Notes:</b> Topic suggested by HAB chair in mid-2019</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> (may include due dates)</p> <ul style="list-style-type: none"> <li>.</li> </ul>		



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15	<p><b>Name:</b> Groundwater Monitoring (under RCRA)</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b></p> <p><b>Other Notes:</b> RAP request for an annual update</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>Define terms used in Executive Summary of 2019 Groundwater Monitoring Report</li> <li>Define the 4 or 5 different monitoring programs</li> <li>Define different cleanup levels (5 levels)</li> </ul> <p><b>HAB Products</b> (may include due dates)</p> <ul style="list-style-type: none"> <li>.</li> </ul>		
16	<p><b>Name:</b> Hanford Site Five-Year Plan "Placemat"</p> <p><b>Key upcoming dates:</b> Tuesday, January 26 BCC meeting has this topic on the agenda</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>This vision document is the framework for the BCC cleanup priorities advice.</li> <li>Unless the updated Five-Year Plan is presented at the December 2020 HAB meeting, the BCC advice could be delayed</li> </ul> <p><b>Framing Questions</b></p> <ul style="list-style-type: none"> <li>When will this be updated?</li> </ul> <p><b>HAB Products</b> (may include due dates)</p> <ul style="list-style-type: none"> <li>.</li> </ul>		
17	<p><b>Name:</b> M-91</p> <p><b>Key upcoming dates:</b> Ecology indicated that this topic would be ripe for discussion in February 2021</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>When will shipments of waste resume to WIPP?</li> </ul> <p><b>HAB Products</b> (may include due dates)</p> <ul style="list-style-type: none"> <li>.</li> </ul>		



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18	<p><b>Name:</b> Orphan 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>• Where does it go? (e.g. filters)</li> <li>• Vitrified waste (not from Waste Treatment Plant) – German logs and test logs in PUREX Tunnel 2 (special-case waste with no identified disposal path)</li> <li>• Other wastes (cesium/strontium capsules, TSCR columns, 291-B HEPA filters, Soils contaminated with High-Level Waste)</li> </ul> <p><b>HAB Products</b> <i>(may include due dates)</i></p> <ul style="list-style-type: none"> <li>• .</li> </ul>		
19	<p><b>Name:</b> Plutonium Finishing Plant (PFP)</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>• Below grade new response comments and plan</li> <li>• Demolition status</li> <li>• Slab sampling status and schedule</li> <li>• Grouting/TCRA status</li> <li>• Update on PFP “rubble” pile. Is it a potential contamination source of concern?</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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20	<p><b>Name:</b> RASCAL</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b></p> <p><b>Other Notes:</b> Requested by RAP vice chair in November 2020</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> (may include due dates)</p> <ul style="list-style-type: none"> <li>• Possible draft advice.</li> </ul>		
21	<p><b>Name:</b> Recovery Mode Process Plan</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b></p> <p><b>Next meeting:</b></p> <p><b>Other Notes:</b> Requested by a RAP member in September 2020</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>• How to start back up safely</li> <li>• How are projects weighted when deciding what to begin in Phase 2 remobilization?</li> </ul> <p><b>HAB Products</b> (may include due dates)</p> <ul style="list-style-type: none"> <li>• .</li> </ul>		
22	<p><b>Name:</b> Response to RAP 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>•</li> </ul> <p><b>HAB Products</b> (may include due dates)</p> <ul style="list-style-type: none"> <li>• #303: 100 BC</li> <li>• #306: Aging Structures</li> <li>• #308: B Plant</li> </ul>		



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23	<p><b>Name:</b> River Corridor Treatment - 300 Area SF05 and 100K</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>Two promising remediation/treatment methods are being run. RAP would like annual updates.</li> </ul> <p><b>Framing Questions</b></p> <ul style="list-style-type: none"> <li>100-K – Using the existing pump and treat system, unsaturated soils are being flushed with clean water to clean out hexavalent chromium</li> <li>300 Area uranium sequestration – chemicals were injected at and above the water table to create a time release capsule for uranium in soils. It has been over a year since the injections stopped. What are the results?</li> </ul> <p><b>HAB Products</b> (may include due dates)</p> <ul style="list-style-type: none"> <li>.</li> </ul>		
24	<p><b>Name:</b> SW-2</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b> Ends Nov 4, 2020</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>.</li> </ul> <p><b>HAB Products</b> (may include due dates)</p> <ul style="list-style-type: none"> <li>.</li> </ul>		
25	<p><b>Name:</b> T Plant</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b> Ends Nov 4, 2020</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>.</li> </ul> <p><b>HAB Products</b> (may include due dates)</p> <ul style="list-style-type: none"> <li>.</li> </ul>		



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26	<p><b>Name:</b> Technical Impracticability (TI) on Iodine on the Central Plateau</p> <p><b>Key upcoming dates:</b></p> <p><b>Public Comment Period:</b> TI waivers have to go out with Proposed Plan for public comment</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>.</li> </ul> <p><b>HAB Products</b> <i>(may include due dates)</i></p> <ul style="list-style-type: none"> <li>.</li> </ul>		
27	<p><b>Name:</b> Waste Encapsulation Storage Facility (WESF)</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>How is the project progressing?</li> <li>Has there been a day-for-day milestone slippage due to COVID?</li> <li>Is there a seismic study being conducted?</li> <li>Why was the storage pad location altered? What waste was encountered?</li> <li>What would it take for the cannisters to fall "below the line"?</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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28	<p><b>Name:</b> <i>insert topic name</i></p> <p><b>Key upcoming dates:</b> <i>insert key HAB/committee meeting, committee or IM conference call, or public meeting dates</i></p> <p><b>Public Comment Period:</b> <i>insert dates and link to fact sheet or website, if appropriate</i></p> <p><b>Next meeting:</b> <i>indicate what meeting this topic will be discussed and time needed</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> <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>		