

## Hanford Advisory Board Fiscal Year 2016 Work Plan

### Hanford Advisory Board Fiscal Year 2016 Work Plan (FY 2016 Action Overview)

| Topic  | Committee Assignment | Potential FY 2016 Action/Product      | Action |     |     |     |
|--|----------------------|---------------------------------------|--------|-----|-----|-----|
|  |                      |                                       | Q1     | Q2  | Q3  | Q4  |
| 1. 100 Area retrieval process, K Basin                             | RAP                  | Project update                        |        |     |     | x   |
| 2. 100 D/H Proposed Plan   | RAP                  | Project update                        | x      |     |     |     |
| 3. 100-N Proposed Plan   | RAP                  | Policy discussion, Potential Advice   |        | x   |     |     |
| 4. Central Plateau Inner Area Guidelines                           | RAP                  | Project update                        | x      |     |     |     |
| 5. ERDF  | RAP                  | Project update                        | x      |     |     |     |
| 6. Groundwater updates   | RAP                  | Project update                        |        |     |     |     |
| 7. Infrastructure updates  | RAP/HSEP             | Project update                        |        |     |     | x   |
| 8. Permit modifications: Rev. 9 and SW operating facility closures | RAP                  | Project update                        | x      |     |     |     |
| 9. PFP end states  | RAP                  | Policy discussion, Potential Advice   |        |     | x   | x   |
| 10. River Corridor projects  | RAP                  | Project updates                       |        | x   |     |     |
| 11. AY-102 status update   | TWC                  | Project update                        | x      |     | x   |     |
| 12. Cesium Management  | TWC                  | Policy discussion, Report/white paper | x      |     | [x] |     |
| 13. Risk-based tank waste retrieval, treatment, and closure        | TWC                  | Policy discussion, Report             |        | x   |     | [x] |
| 14. Safety culture improvement efforts                             | HSEP                 | Project update                        | x      | x   |     |     |
| 15. WTP Progress and Communication Approach                        | TWC/PIC              | Policy discussion; Comm. approach     |        | [x] |     |     |
| 16. Beryllium Program update                                       | HSEP                 | Project update                        | x      |     |     |     |
| 17. Budget priorities or Continuing Resolution                     | BCC/Board            | Policy discussion, Potential Advice   |        | x   | x   |     |
| 18. Contract procurement and re-bids for FY 2017/2018              | BCC                  | Project update                        |        |     |     | x   |
| 19. Outreach   | PIC                  | Outreach, Information-sharing         | x      | x   | x   | x   |
| 20. Public outreach recommendations                                | PIC                  | Outreach, Information-sharing         | x      | x   | x   | x   |
| 21. Youth involvement  | PIC                  | Outreach, Information-sharing         |        |     |     |     |

x = potential HAB action      [x] = HAB deliverable due

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|--|-----------------------------------|----------------------------------|-----------------------------------|-----------------------------------|-------------------------|
| <p><b>1. 100 Area retrieval process, K Basin</b></p> <p><b>Agency Lead:</b><br/>Roger Quintero, DOE-RL; Mark French, DOE-RL (Topic Champion)</p> <p><b>Action:</b><br/>Project update</p> <p><b>Context:</b><br/><i>(May not be ready until 2017 for an update; work ready in 2018 per milestone)</i></p>  | x                                 | X                                |                                   |                                   | RAP                     |
| <p><b>2. 100 D/H Proposed Plan</b></p> <p><b>Agency Lead:</b><br/>Dr. Jim Hansen, DOE-RL Senior CERCLA Advisor<br/>Rod Lobos, EPA;<br/>Nina Menard, Ecology</p> <p><b>Action:</b><br/>Project update</p> <p><b>Context:</b><br/>Cleanup of soils and groundwater at D/H. Are the proposed actions consistent with HAB clean up values? Topic will likely move into public comment between September 2015 - March 2016.</p> | x                                 | X                                |                                   |                                   | RAP                     |

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|--|-----------------------------------|----------------------------------|-----------------------------------|-----------------------------------|-------------------------|
| <p><b>3. 100-N Proposed Plan</b></p> <p><b>Agency Lead:</b><br/>Dr. Jim Hansen, DOE-RL Senior CERCLA Advisor<br/>Nina Menard, Ecology</p> <p><b>Action:</b><br/>Policy discussion, Advice</p> <p><b>Context:</b><br/>Dependent on 100 D/H</p>  |                                   | Presentation<br>by DOE-RL        |                                   |                                   | RAP                     |
| <p><b>4. Central Plateau Inner Area Guidelines</b></p> <p><b>Agency Lead:</b><br/>Dr. Jim Hansen, DOE-RL Senior CERCLA Advisor<br/>Dennis Faulk, EPA;<br/>John Price, Ecology</p> <p><b>Action:</b><br/>Project update</p> <p><b>Context:</b><br/>Follow-up from HAB Advice #283. How were guidelines incorporated into work plans? What is the waste inventory for the Central Plateau?</p> | x                                 |                                  |                                   |                                   | RAP                     |

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|--|-----------------------------------|----------------------------------|-----------------------------------|-----------------------------------|-------------------------|
| <p><b>5. ERDF</b></p> <p><b>Agency Lead:</b><br/>Owen Robertson, DOE-RL<br/>Dave Einan, EPA<br/>Robin Varljen, Ecology</p> <p><b>Action:</b><br/>Project update</p> <p><b>Context:</b><br/>Update on ERDF waiver progress (<i>this topic may be resolved in FY 15</i>).</p>  | Briefing by EPA                   |                                  |                                   |                                   | <b>RAP</b>              |
| <p><b>6. Groundwater updates</b></p> <p><b>Agency Lead:</b><br/>John Morse, DOE-RL; Mike Cline DOE-RL (topic champion)<br/>Dib Goswami, Ecology</p> <p><b>Action:</b><br/>Project update</p> <p><b>Context:</b><br/>Uranium treatment progress; general performance of pump and treat; ongoing updates. 200-Area groundwater updates [BP-5/PO-1 (East) and 200 West] is likely a separate topic.</p> |                                   | <b>X</b>                         |                                   |                                   | <b>RAP</b>              |

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|---|-----------------------------------|----------------------------------|-----------------------------------|-----------------------------------|-------------------------|
| <p><b>7. Infrastructure updates</b></p> <p><b>Agency Lead:</b><br/>Sharee Dickenson, DOE-RL; Joe Franco, DOE-RL (Topic Champion)</p> <p><b>Action:</b><br/>Project update</p> <p><b>Context:</b><br/>The status of structures on the site in relation to min-safe maintenance including domestic/fire/industrial supply water, sewer, data, utilities, roads, and traffic safety (HSEP lead) including contingency plans.</p> |                                   |                                  |                                   | x                                 | RAP/HSEP                |
| <p><b>8. Permit modifications: Rev. 9 re-do and SW operating facility closures</b></p> <p><b>Agency Lead:</b><br/>Suzanne Dahl, Ecology</p> <p><b>Action:</b><br/>Project update</p> <p><b>Context:</b><br/>Status updates on comment periods<br/>T-Plant mod for K-Basin sludge expected first<br/>Three others will be packaged for public comment</p>  | x                                 |                                  |                                   |                                   | RAP                     |

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|--|-----------------------------------|----------------------------------|-----------------------------------|-----------------------------------|-------------------------|
| <p><b>9. PFP end states</b></p> <p><b>Agency Lead:</b><br/>John Silko, DOE-RL; Tom Teynor, DOE-RL (Topic Champion);<br/>Stephanie Schleif, Ecology</p> <p><b>Action:</b><br/>Policy discussion, advice</p> <p><b>Context:</b><br/>What will the remaining contamination be after slab-on-grade?<br/>What does slab-on-grade mean (project definition)?<br/>Units to consider include 216 Z-9 cribs, Z-361, and PW 1, 3, 6.</p> |                                   | x                                | x                                 | x                                 | RAP                     |
| <p><b>10. River Corridor projects</b></p> <p><b>Agency Lead:</b><br/>Mark French, DOE-RL<br/>Nina Menard, Ecology</p> <p><b>Action:</b><br/>Project update</p> <p><b>Context:</b><br/>Update on remaining and ongoing cleanup work.<br/>Specifics identified in the holding bin.</p>   |                                   | x                                |                                   | x                                 | RAP                     |

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|--|-----------------------------------|----------------------------------|-----------------------------------|-----------------------------------|-------------------------|
| <p><b>11. AY-102 status update</b></p> <p><b>Agency Lead:</b><br/>Reggie Eakins, DOE-ORP<br/>Jeff Lyon, Ecology</p> <p><b>Action:</b><br/>Project update</p> <p><b>Context:</b><br/>Provide updates on the planning, design, and installation of the equipment to begin pumping waste from double-shell tank AY-102.</p> | DOE-ORP briefing                  |                                  | Follow-up briefing by DOE-ORP     |                                   | <b>TWC</b>              |

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|---|-----------------------------------|----------------------------------|--|-----------------------------------|-------------------------|
| <p><b>12. Cesium Management</b></p> <p><b>Agency Lead:</b><br/>Steve Pfaff, DOE-ORP Federal Project Director, Low Activity Waste Pretreatment System;<br/>Dan McDonald, Ecology</p> <p><b>Action:</b><br/>Policy discussion (DOE-ORP), report/white paper (TWC)</p> <p><b>Context:</b><br/>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> <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> | Update on report progress         |                                  | Board to provide a report/white paper to DOE-ORP noting the considerations defined in the topic context. |                                   | <b>TWC</b>              |

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|---|-----------------------------------|---|-----------------------------------|--|-------------------------|
| <p><b>13. Risk-based tank waste retrieval, treatment, and closure</b></p> <p><b>Agency Lead:</b><br/>Chris Kemp, DOE-ORP;<br/>Jeff Lyon, Ecology</p> <p><b>Action:</b><br/>Project update (DOE-ORP), policy discussion, report/white paper (TWC)</p> <p><b>Context:</b><br/>Closure will follow retrieval of as much tank waste as technically possible, with tank waste residues not to exceed 360 cubic feet. If DOE believes that waste retrieval to these levels is not possible for a tank, DOE submits a detailed explanation to Ecology and EPA explaining why these levels cannot be achieved any specifying the quantities of waste proposed to leave in the tank.</p> <ul style="list-style-type: none"> <li>• Should the current TPA single-shell tank retrieval goals of leaving &lt;360 cubic feet of residuals remaining (based on retrieving 99% of the total waste volume in all single-shell tanks) be improved to account for long term risks based on the constituents remaining in the tanks?</li> <li>• What strategic improvements in the tank farm cleanup mission should be considered to reduce overall mission duration?</li> </ul> |                                   | DOE-ORP update on the Performance Assessment for C-Farm and closure decisions |                                   | Board to provide a report/white paper to DOE-ORP noting the considerations defined in the topic context. | <b>TWC</b>              |

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|--|--|---|-----------------------------------|-----------------------------------|-------------------------|
| <p><b>14. Safety culture improvement efforts</b></p> <p><b>Agency Lead:</b><br/>Steve Pfaff, DOE-ORP Safety Culture Champion<br/>Jeff Frey, DOE-RL</p> <p><b>Action:</b><br/>Project update (DOE-ORP &amp; DOE-RL)</p> <p><b>Context:</b><br/>Continue updates on improvement actions in response to follow-up assessment of Safety Culture, including updates on Office of Enterprise Management. FY 2015 June, Office of Enterprise Assessment. Link to report was sent to HSEP in June 2015.</p> <p><a href="http://www.energy.gov/ea/downloads/enterprise-assessments-follow-assessment-safety-culture-hanford-site-waste-treatment">http://www.energy.gov/ea/downloads/enterprise-assessments-follow-assessment-safety-culture-hanford-site-waste-treatment</a></p> | DOE-ORP briefing on the Office of Enterprise Assessment Update | Sounding Board on Safety Culture improvement efforts for full Board meeting |                                   |                                   | <b>HSEP</b>             |
|  |  |   |                                   |                                   |                         |

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|---|-----------------------------------|--|-----------------------------------|-----------------------------------|-------------------------|
| <p><b>15. Waste Treatment and Immobilization Plant (WTP) progress and communication approach</b></p> <p><b>Agency Lead:</b><br/>Bill Hamel, DOE-ORP;</p> <p><b>Action:</b><br/>Policy discussion (DOE-ORP); Describe the Board’s perception (local and regional) of the High-Level Waste (HLW) Authorization to Proceed and Direct Feed Low Activity Waste (DFLAW) Project. Review information about HLW and DFLAW that has been provided to the Board to date and propose approaches and techniques that may be used to effectively communicate information related to these facilities with both highly technical audiences and the general public. These discussions will be summarized in a white paper for use by the WTP Assistant Manager.</p> <p><b>Context:</b><br/>Briefings on the current Waste Treatment and Immobilization Plant (WTP) success, namely:</p> <ul style="list-style-type: none"> <li>• Updates on HLW Facility construction</li> <li>• Update on DFLAW</li> </ul> | Presentations by DOE-ORP          | WTP Comm. approach delivered. Based on briefings, the HAB will propose to DOE-ORP a public comm. approach for use by the WTP Assistant Manager |                                   |                                   | <b>TWC/PIC</b>          |

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|--|---|--|-----------------------------------|-----------------------------------|-------------------------|
| <p><b>16. Beryllium Program update</b></p> <p><b>Agency Lead:</b><br/>Stan Branch, DOE-RL</p> <p><b>Action:</b><br/>Project update</p> <p><b>Context:</b><br/>Annual update</p>  |   | <b>x</b>   |                                   |                                   | <b>HSEP</b>             |
| <p><b>17. Budget priorities or Continuing Resolution</b></p> <p><b>Agency Lead:</b><br/>Mark Coronado, DOE-RL; Ben Harp, DOE-ORP;<br/>John Price, Ecology</p> <p><b>Action:</b><br/>Policy discussion, Potential Advice</p> <p><b>Context:</b><br/>DOE-RL and DOE-ORP will update the Board on annual budget priorities information.</p> <ul style="list-style-type: none"> <li>• Consider the EM guidance for discussing budget information and rollout</li> <li>• Potential evening tutorial for the full Board</li> </ul> | DOE-RL and DOE-ORP presentation update on FY 2016 budget priorities | <p>FY 2017 President’s Budget is released. DOE-RL and DOE-ORP present FY 2016 and FY 2017 budget priorities</p> <p>DOE-RL and DOE-ORP FY 2018 budget priorities public meeting</p> |                                   |                                   | <b>BCC/COTW</b>         |

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|---|-----------------------------------|----------------------------------|-----------------------------------|-----------------------------------|-------------------------|
| <p><b>18. Contract procurement and re-bids for FY 2017/2018</b></p> <p><b>Agency Lead:</b><br/>Karen Flynn, DOE-RL Manager for Hanford Office of Acquisition</p> <p><b>Action:</b><br/>Project update</p> <p><b>Context:</b><br/>What is the process, and how will it work?</p>   |                                   |                                  |                                   |                                   | <b>BCC</b>              |
| <p><b>19. Outreach</b></p> <p><b>Agency Support: N/A</b></p> <p><b>Action:</b></p> <ul style="list-style-type: none"> <li>• Increase knowledge using Round Robin discussions on outreach activities for the HAB</li> <li>• Communicate how the HAB members engage with their own constituencies (PIC)</li> </ul> <p><b>Context:</b><br/>Working with the TPA agencies, identify outreach activities, both the agencies and the HAB can participate in to engage the public about Hanford.</p> | Ongoing                           | Ongoing                          | Ongoing                           | Ongoing                           | <b>PIC</b>              |

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|--|-----------------------------------|----------------------------------|-----------------------------------|-----------------------------------|-------------------------|
| <p><b>20. Public outreach recommendations</b></p> <p><b>Agency Lead:</b><br/>(TPA PIOs)</p> <p><b>Action:</b></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> </ul> <p><b>Context:</b></p> <ul style="list-style-type: none"> <li>• Public meetings</li> <li>• Outreach materials</li> </ul> |                                   |                                  |                                   |                                   | PIC                     |

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| <p><b>21. Youth involvement</b></p> <p><b>Agency Lead:</b> N/A</p> <p><b>Action:</b></p> <ul style="list-style-type: none"> <li>• Discuss ways with the agencies to increase participation and awareness of young people in the work of the HAB</li> <li>• What are the benefits and objectives to establishing a student program?</li> <li>• What sort of tasks would a student be involved in and how could it be structured?</li> <li>• What youth outreach and student programs already exist at Hanford?</li> <li>•</li> </ul> <p><b>Context:</b><br/>Identify approaches for student involvement (how they would apply), treating their participation like an internship. Identify tasks and responsibilities during Board meetings. Students can be paired with members to act as mentors during Board meetings.</p> |                                   |                                  |                                   |                                   | <b>PIC</b>              |

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The holding bin captures topics that committees (through consensus process) and/or TPA agencies have identified for potential action but may not be not a current priority for agency resources or are not timely for committee discussion. The topic(s) may be moved to the priority list following the HAB Work Plan Process Guidelines and/or after EIC check-in with committee leadership and agency representatives.

| <b>Binned Topics:</b>  | <b>Context:</b>   |
|--|---|
| CRESP – Methodology Report                                   | Results of Interim Report   |
| CRESP – Omnibus Risk Review Committee Report                 | RAP lead; may also be PIC   |
| 324 Waste Sites (related to topic #9, River Corridor)        | Update on the status of the remediation design                              |
| 618-10 VPU remediation (related to topic #9, River Corridor) |   |
| TRU Program  | Status update on WIPP recovery and where Hanford Site waste is in the queue |
| Annual Employee Concerns Program                             | Programmatic update as needed   |
| Consent Decree   | Timing: as information becomes available                                    |
| Tank Farm vapor issues                                       | Timing: as information becomes available                                    |