

Tank Waste Committee

Date: Wednesday, September 11, 2013

Time: 1:30 p.m. to 4:15 p.m.

Location: Richland Library Conference Rooms A/B, 955 Northgate Drive, Richland WA

Call-in: Conference Call Instructions:

- Tri-City participants: 376-3622, conference code **6534566#**
- Long distance participants: 1-877-401-5229, conference code **6534566#**

GoToMeeting: <https://www3.gotomeeting.com/join/390029886>; Meeting ID: 390-029-886

Please note: TWC members who completed the sign-up/reservation process will be taking a tour of the Cold Test Facility, key tank farms and a walking tour of the Waste Treatment and Immobilization Plant (WTP) in the morning prior to this meeting. A separate agenda for this tour will be sent to participants.

1:30 p.m. Opening – Dirk Dunning, Chair

- Welcome and introductions
- Approval of the August committee meeting summary
- Announcements

1:45 p.m. System Plan Assumptions

Purpose: To learn about Ecology's System Plan 6 Assumption review; for the committee to discuss and gain a better understanding of system plan assumptions.

- Introduction: Dick Smith (5 min)
- Regulator Presentation: Dan McDonald and Jeff Lyon, Ecology¹ (20 min)
 - *What are the major, overarching or key assumptions involved in the planning for tank waste retrieval, integration with the WTP, operation of the WTP, and storage of final waste forms (including all wastes from beginning to final waste form)?*
 - *How do these assumptions impact the Systems Planning, retrieval, staging, blending, treatment, storage and disposal?*
 - *What uncertainties are there in these assumptions?*
 - *What opportunities may there be to adjust these to achieve better outcomes?*
 - *What assumptions is Ecology proposing for System Plan 7?*
- DOE Perspective: DaBrisha Smith, DOE-ORP² (10 min)

¹ Washington State Department of Ecology

² U.S. Department of Energy – Office of River Protection

Hanford Advisory Board

- Committee discussion

2:45 p.m. System Plan Models

Purpose: To learn about System Plan models, such as the H2 model, and prepare for further discussion at the October TWC meeting.

- Introduction: Dick Smith (5 min)
- Agency Presentation: DaBrisha Smith, DOE-ORP (60 min)
 - *Describe the Simplified Process Flow Diagram.*
 - *At a high level, how do the systems models work to guide the Systems Planning work?*
 - *What are the major components (e.g. HTWOS, BNI's simulator, glass models and vitrification simulators, and others)?*
 - *What do these do (e.g. looking at tank retrieval issues, piping and routing, tank space availability)?*
 - *What major limitations and uncertainties do these models have? And how might this affect the systems planning?*
- Regulator Perspective: Dan McDonald and Jeff Lyon, Ecology (10 min)
- Committee discussion

4:10 p.m. Committee Business

- Review follow up items and identify September 17 TWC committee call topics

4:15 p.m. Adjourn