



DFLAW Discussion Hanford Advisory Board Committee of the Whole

Alex Smith, Program Manager
Nuclear Waste Program

Direct Feed Low Activity Waste (DFLAW)

- Concept first arose during Consent Decree negotiations.
- Is now reflected in the 2016 Amended Consent Decree between DOE and the State.



DFLAW Purpose

- Get waste treatment going while DOE addresses technical issues with the Pretreatment Facility and High Level Waste Facility.
- Turn tank waste into final waste form glass ready for disposal.
- Gain operational experience and show progress on Hanford tank waste treatment.
- Vitrify DST liquids and reduce the need to create additional double shell tank space.



Progress

- Ecology is encouraged at the progress DOE has made towards meeting or beating the 2023 Consent Decree deadline to get DFLAW up and running.
- We look forward to the transition from construction to commissioning and operations.



Direction change

- Ecology has some concerns about the change in direction for the low activity waste pretreatment system (LAWPS).
- Concerns arise primarily because we do not yet have a lot of information about the Tank-Side Cesium Removal (TSCR) or the redesigned LAWPS facility.
 - End treatment and disposal of the non-elutable resins.
 - Permit application availability and schedule.



Permit changes

- With a change in treatment and disposal plans comes a change in the permit(s) that are required.
- We stand ready to move forward with permitting new or different facilities, once those plans are more fully fleshed out.

