Class 3 Permit Modification Request
CWC-WRAP, T-Plant, and Low-Level Burial Grounds
31-34-94
Why is this Permit Modification Required?

• Primarily to respond to a Consent Agreement/Final Order (CAFO) that was entered into between DOE/EPA
  – Requires closure plan submittals for specific outdoor storage areas at CWC, T-Plant, and Low-Level Burial Ground (LLBG) Trench 34
  – All closure plans are proposed as Clean Closure
  – Requires a Permit Modification Request to be submitted requesting incorporation of closure plans into sitewide RCRA permit
Low-Level Burial Ground Trenches 31, 34, and 94

- Located in Hanford’s 200 Area, the Low-Level Burial Ground includes Trenches 31-34-94, and other burial grounds.
- The permit modification combines LLBG Trenches 31-34-94 into one operating unit group.
- LLBG Trenches 31 and 34 are used to store and dispose of dangerous waste or mixed waste from Hanford work.
- Trench 94 is used to dispose of decommissioned, defueled, reactor compartments from the Navy.
- The permit modification request includes a Closure Plan for one dangerous waste management unit at Trench 34. This unit is a storage unit.
- These proposed changes do not affect the other burial grounds in Hanford’s permit; those units will remain as part of the permit under a separate Part A permit application.
Central Waste Complex – Waste Receiving and Processing (CWC-WRAP) Facility

• This permit modification request combines CWC and WRAP into one unit (CWC-WRAP).
• CWC-WRAP is located in the 200 West Area of the Hanford Site.
• CWC-WRAP stores many types of mixed dangerous wastes and small amounts of low-level waste.
• Waste at CWC-WRAP comes from sources including retrieved waste from burial grounds and waste generated from WRAP and T-Plant as well as other Hanford facilities.
• The CWC-WRAP also treats waste, mostly transuranic waste and mixed transuranic waste, and handles dangerous waste and low-level waste.
• This permit modification request includes Closure Plans for three dangerous waste management units at CWC-WRAP.
T-Plant Complex

• This permit modification request includes Closure Plans for nine dangerous waste management units at T-Plant.
  – Five units were added that were not required by the CAFO

• Built in 1943, T-Plant stores and treats radioactive and mixed waste that comes from burial grounds and other facilities at Hanford.

• Other T-Plant missions include sampling waste containers, venting containers to release gas, and a variety of treatment and repackaging of waste into shipment containers.
Example Closure area: FS-1 Outdoor Container
Storage Area DWMU(LLBG Trenches 31-34-94 OUG)
Example Closure Area: Outside Storage Area A DWMU (CWC-WRAP OUG)
How you can become involved

• The public is invited to comment on all submitted material:
  – closure plans
  – training & inspection plans
  – Part-A Forms.

• Class 3 modifications require two public participation opportunities:
  – Public comment on the permit modification request
    • Comment period – October 30-January 6
    • Please submit comments by January 6, 2014 to:
      Steve Lowe
      Washington State Department of Ecology
      3100 Port of Benton Blvd
      Richland, WA 99354
      Email: Hanford@ecy.wa.gov
  – Public comment period on the permitting decision