



Department of Ecology

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Outline

- Ecology's regulatory role at Hanford
- Tri-Party Agreement
- Current work
- Consent decree



Ecology's regulatory role at Hanford



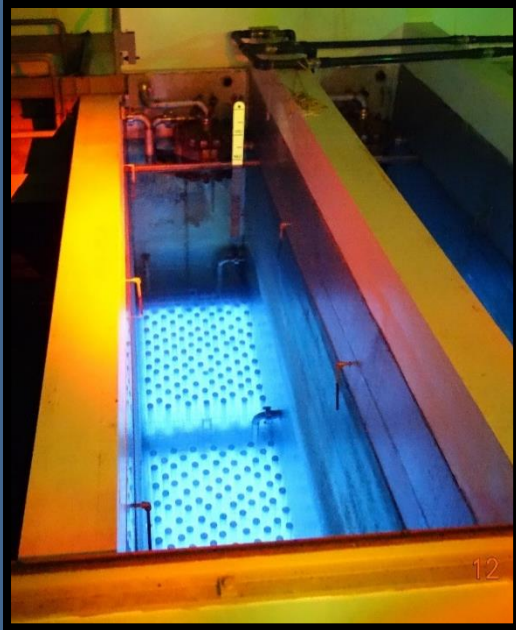
- Ecology is authorized to implement certain federal environmental laws at Hanford:
 - Clean Air Act
 - Clean Water Act
 - Resource Conservation and Recovery Act (RCRA)
- Ecology also implements Comprehensive Environmental Response Compensation and Liability Act (CERCLA) at specified sites.

Tri-Party Agreement

- Federal Facilities Compliance Act Requires a Site Treatment Plan
 - For the backlog of Department of Energy (DOE) legacy wastes at DOE sites across the country
 - Requires an enforceable plan and schedule for the treatment and disposal of all “mixed waste”
- The Tri-Party Agreement is Hanford’s Site Treatment Plan
- It is also a CERCLA Compliance Order
- It includes an “Action Plan” with numerous milestones for the completion of various cleanup tasks
- Milestones can be moved, and have been moved out historically to address funding and other challenges



Current Work



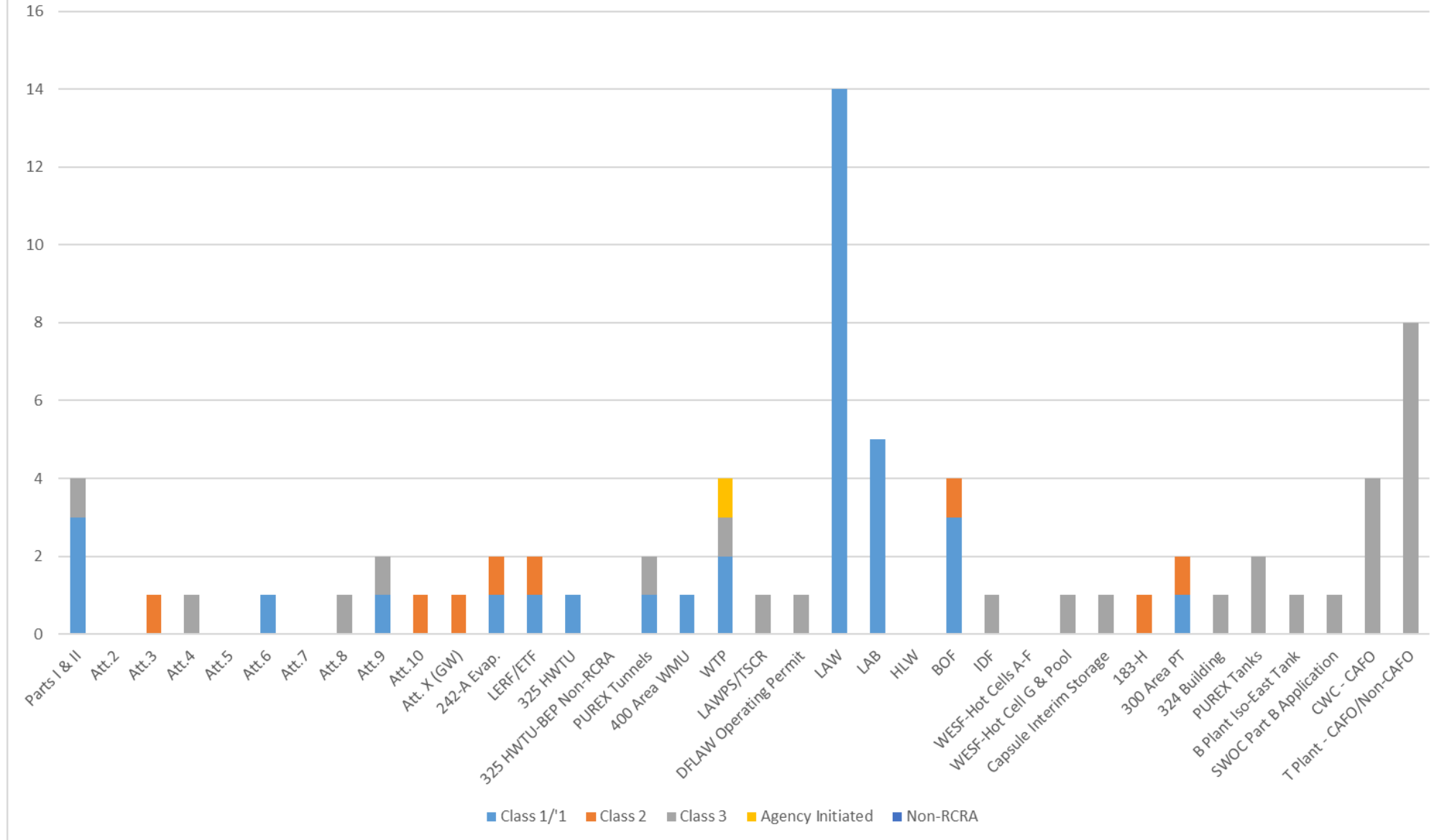
- Resource Conservation and Recovery Act
 - 7 permits to support Direct Feed Low Activity Waste Treatment
 - Operating permit for low activity waste treatment and support facilities
 - Permit for the disposal site for treated waste (Integrated Disposal Facility)
 - 2 permits related to moving cesium and strontium capsules to dry storage
 - Ongoing inspections
 - Coordinated Closure

- CERCLA
 - 200-BP-5/PO-1 Feasibility Study Approval
 - 200-BP-5/PO-1 Proposed Plan/Interim Record of Decision Development
 - 200-BP-5/PO-1 Public Involvement Planned for Early 2020



2019 Permit Modifications by Unit - Completed and In Process

The table shows permit modifications by Unit; note that WTP and its related units and the Solid Waste Operations Complex (SWOC – CWC/WRAP, LLBG, and T Plant Complex) have the most modifications of all the units listed.



Consent Decree



- Ecology and Department of Energy entered into a Consent Decree in 2010
 - To address aspects of the tank waste mission:
 - High Level Waste (HLW) vitrification
 - Pretreatment
 - Single-shell tank retrievals
 - Consent Decree was amended in 2016
 - Pushed dates for HLW vitrification and pretreatment construction to 2033
 - Pushed dates for HLW vitrification and pretreatment operations to 2036
 - Department of Energy recently notified the state that these deadlines are at “serious risk” of being missed
 - Ecology and the Department of Energy are working to begin “holistic” negotiations to address how and when pretreatment and HLW vitrification will happen



Questions?

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