



DEPARTMENT OF
ECOLOGY
State of Washington

Ecology Update

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October 4, 2021

Outline

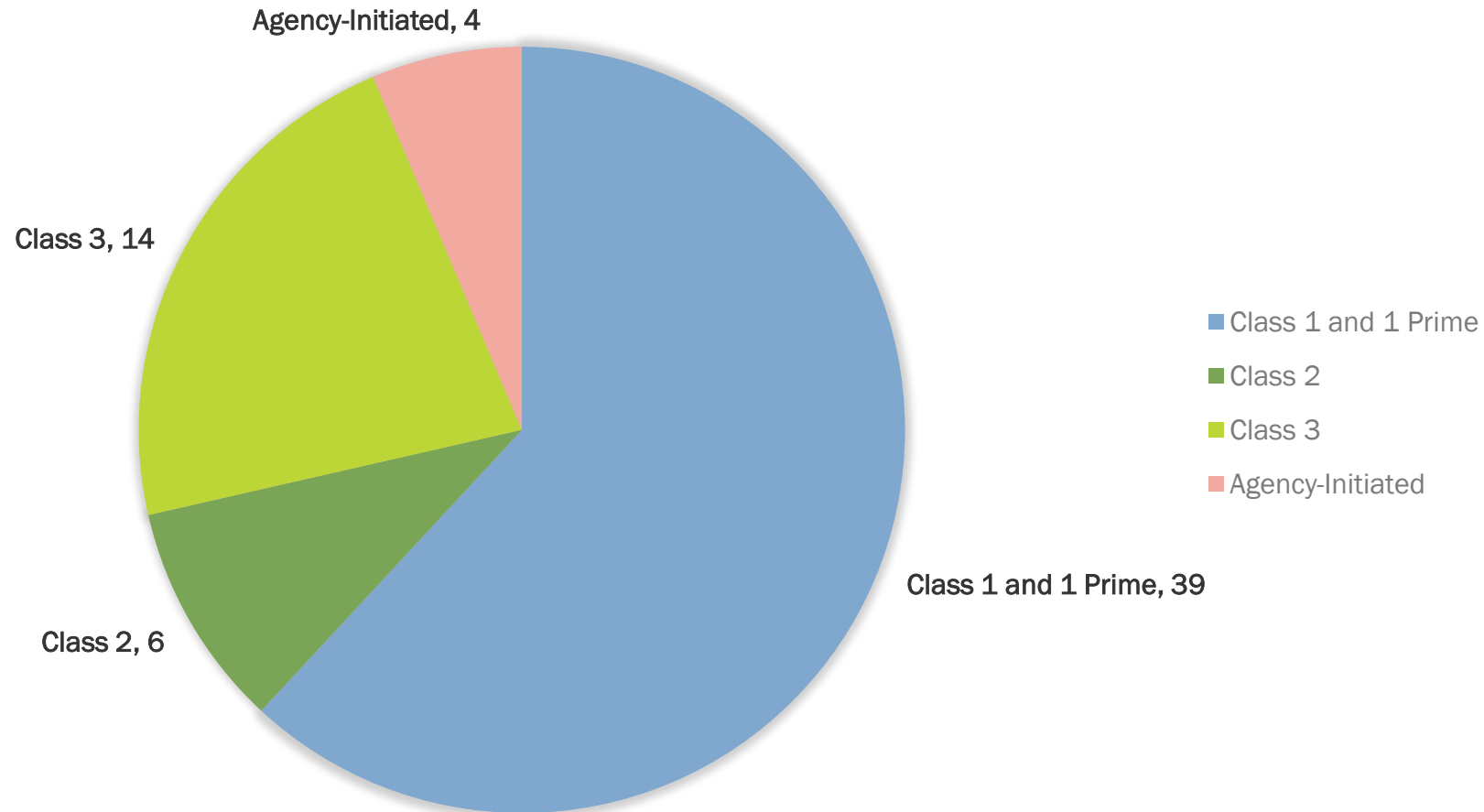
- Permitting
- Holistic negotiations
- TPA milestone negotiations

Permitting

- See March 22, 2021 WA Department of Ecology presentation for a tutorial
[Oregon Hanford Cleanup Board Meetings](#)
- See separate: Permit Modification Forecast
- Lots of modifications supporting Direct Feed Low Activity Waste start-up

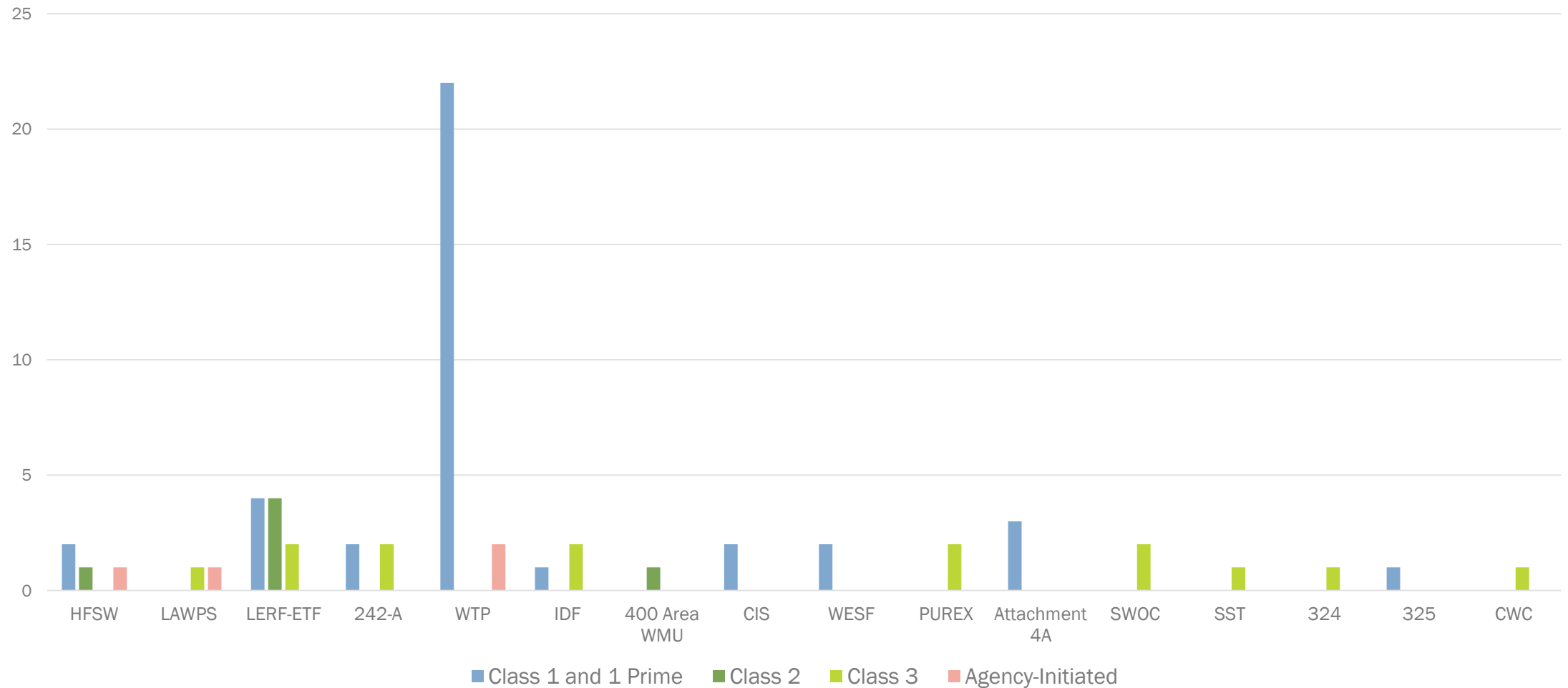
Hanford Site-wide Permit Rev. 8c Permit Modifications

HANFORD SITE-WIDE PERMIT, REVISION 8C PERMIT MODIFICATIONS



Hanford Site-wide Permit Rev. 8c Permit Modifications by Unit Group

Hanford Site-wide Permit, Revision 8c Modifications



Acronyms Legend

HFSW: Hanford Facility Site Wide

LAWPS: Low Activity Waste Pre-Treatment

LERF-ETF: Liquid Effluent Retention Facility-
Effluent Treatment Facility

242-A: 242-A Evaporator

WTP: Waste Treatment Plant

IDF: Integrated Disposal Facility

400 Area WMU: 400 Area (Fast Flux Test Facility)
Waste Management Units

CIS: Cesium Interim Storage

WESF: Waste Encapsulation Storage Facility

PUREX: 221-A Building aka PUREX Plant

Attachment 4A: Attachment to the
permit “Building Emergency
Directors/Building Wardens

SWOC: Solid Waste Operations Complex
includes T Plant, Central Waste
Complex, Waste Receiving and
Processing facility, Mixed Waste
Disposal Trenches

SST: Single Shell Tank System

324: 324 Building

325: 325 Building

CWC: Central Waste Complex

Holistic negotiations

- Ecology proposed holistic negotiation of tank waste retrieval, treatment
- Sessions are being facilitated by mediators from the Federal Mediation and Conciliation Service
- EPA is participating in the sessions in addition to USDOE, US Department of Justice, Ecology, and the Washington Attorney General Office
- Per a mediation agreement, the parties will not discuss status or progress during the negotiations
- Meetings continue to occur

Tri-Party Agreement negotiations transuranic mixed waste

- M-91 milestone series addresses transuranic mixed waste in storage at the Central Waste Complex (CWC) or retrievably stored in the Central Plateau burial grounds across the road from CWC
- Waste is transported through Eastern Oregon in route to the Waste Isolation Pilot Plant in Carlsbad, New Mexico
- After public comment, Tri-Parties signed changes (end of Sept)
 - Milestone adjustments were required because of the shutdown then slow down at the Waste Isolation Pilot Plant (WIPP)
 - Also the WIPP closing date was extended from 2030 to 2050
 - DOE agreed to ship 99% of the waste off site by 2040

Tri-Party Agreement negotiations - Central Plateau milestones (update from last OHCB)

- August 2020 Tri-Parties signed a Tentative Agreement to negotiate milestone changes
 - M-15 series, remedial investigation/feasibility studies of contaminated soil
 - M-16 series, 221-U Canyon demolition and barrier construction
 - M-85-70, remedial investigation/feasibility study for the B Plant & geographic vicinity
- The suspended milestones were affected by Congressional appropriations in Federal Fiscal Years 2018-2021
- March 2021 the lead negotiators couldn't agree on milestone changes
- Negotiations were elevated to Tri-Party managers (3/18/2021)

Tri-Party Agreement Negotiations

- Tri-Parties have suspended 14 TPA milestones
- Purposes of the suspension are to:
 - Allow the parties to negotiate new near-term (FY22-24) milestones by January 2022
 - Develop a path forward for the suspended milestones, with a check-in January 2022
- Tri-Parties haven't yet developed specific public involvement opportunities for these negotiations, and will follow the TPA Public Involvement Plan



Questions?

You can email me at John.Price@ecy.wa.gov

You can also follow Ecology's Nuclear Waste Program on Facebook, Twitter and our website Ecology.wa.gov/Hanford



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