



Department of Ecology

Agency Update

February 2020

Alex Smith, Nuclear Waste Program Manager



Outline

- Holistic negotiations
- Compliance activities
- Permitting activities
- New faces at Ecology



Holistic negotiations

- Ecology Director Maia Bellon proposed holistic negotiation of tank waste retrieval, treatment
 - Parties have agreed on scope
 - Parties have contracted with the Federal Mediation Service
- Ecology is briefing the new director Feb. 5
- Ecology anticipates the earliest start would be late February or early March



Ecology compliance activities Nov. 2019 to Jan. 2020

Inspections conducted

- 241-CX Tank System - 11/5/2019
- T Plant Complex - 11/18/2019
- Single Shell Tanks *generator activities* - 11/21/2019
- 242-A Evaporator – 1/23/2020
- Perma-Fix Northwest – 1/27/2020



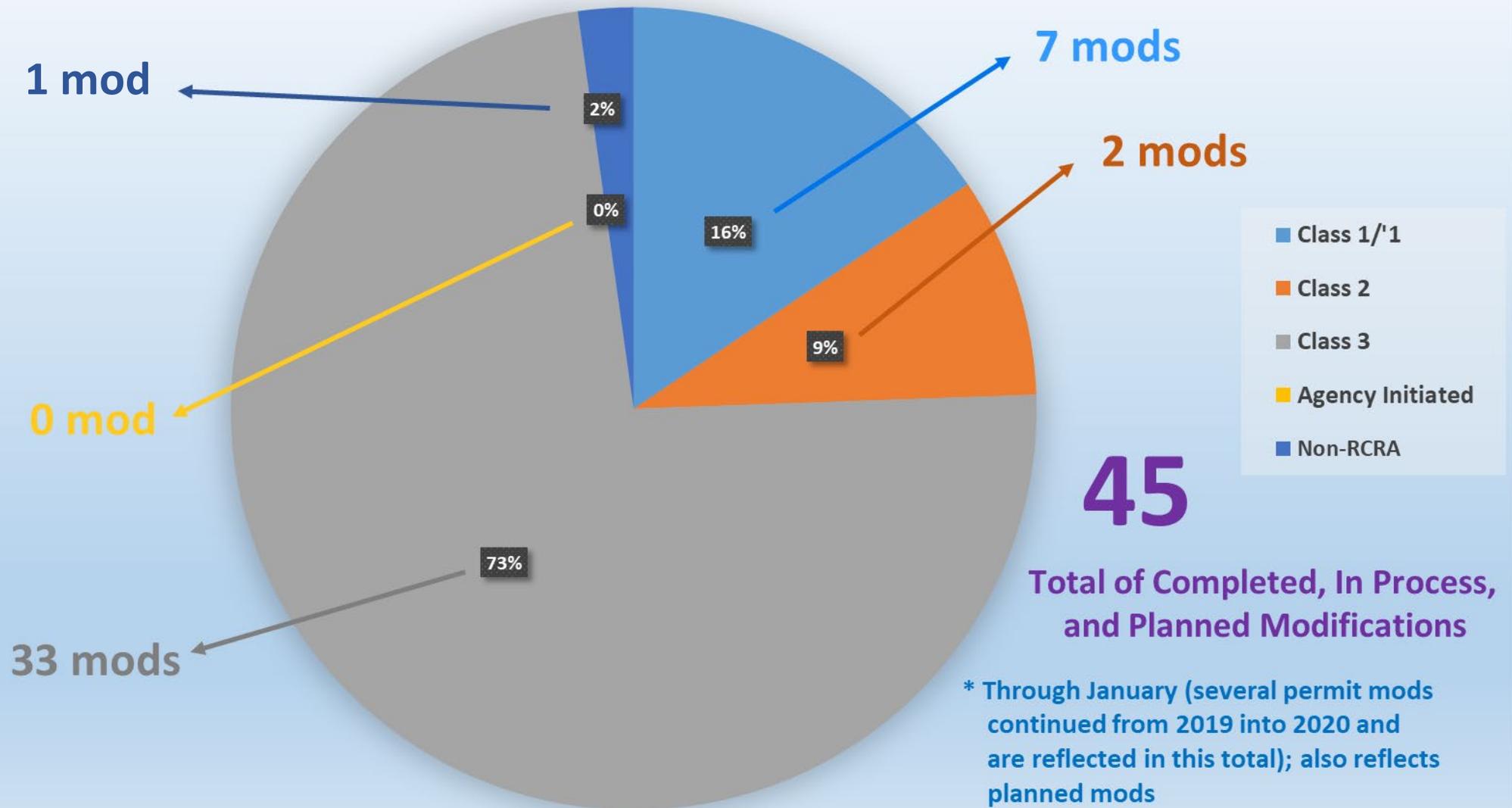
Ecology Compliance Activities Nov. 2019 to Jan. 2020

Compliance Reports Issued

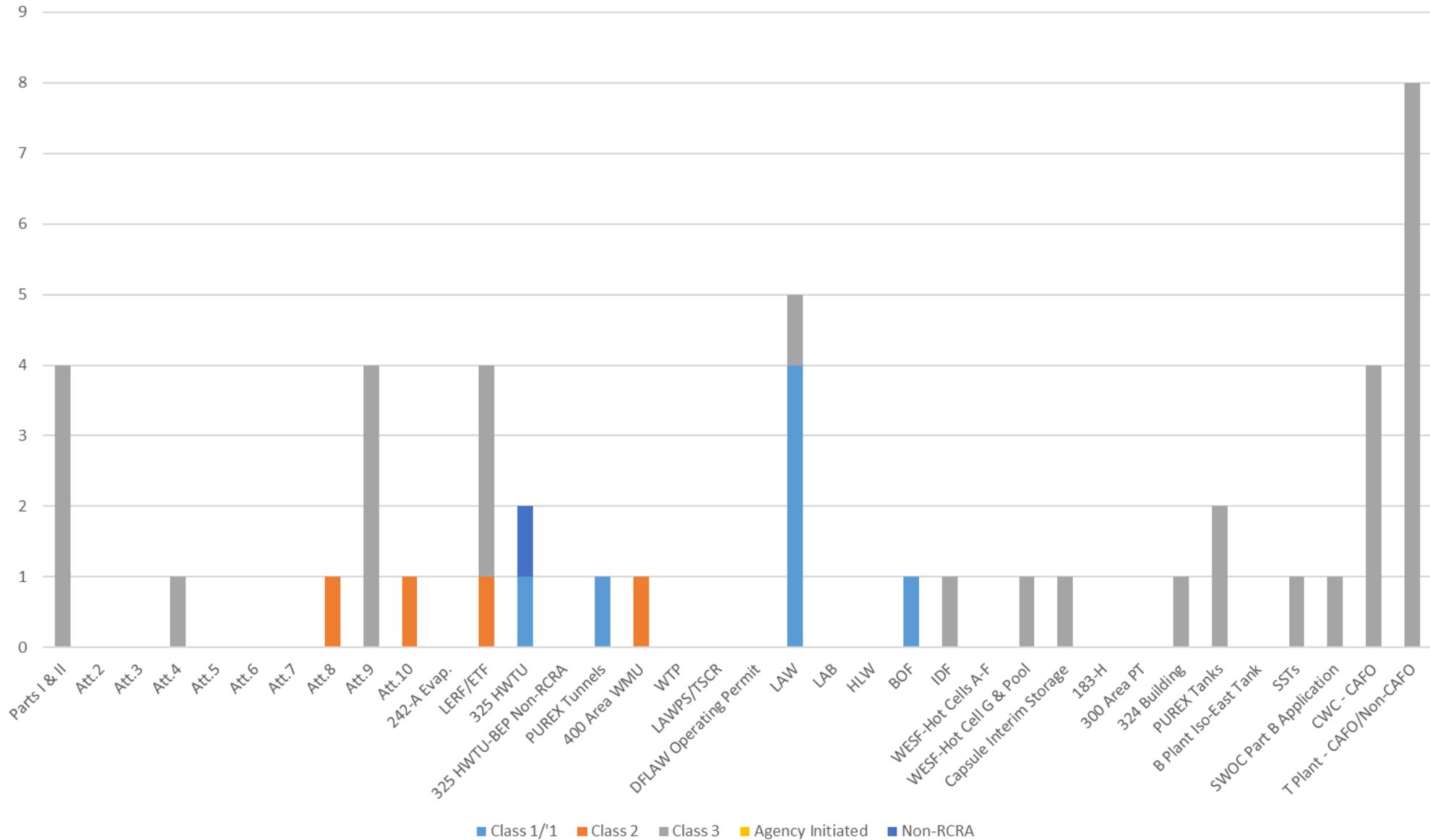
- 183-H Solar Evaporator Basins – 12/20/19
- 300 Area Process Trenches – 12/20/19
- Low Level Burial Grounds Green Islands – 12/20/19
- Non-Radioactive Dangerous Waste Landfill – 12/20/19
- Waste Encapsulation and Storage Facility - 12/27/2019
- Double Shell Tank System – 1/9/2020
- Liquid Effluent Retention Facility / Effluent Treatment Facility - 1/22/2020



2020 Permit Modifications By Class*



2020 Permit Modifications by Unit - Completed, In Process, and Planned



Opportunities for public involvement

Unit	Public Comment Period
<p><u>Class 2 Permit Modification</u> – Attachment 8, <i>Inspection and Training Plans for Groundwater Monitoring Wells</i> and Parts I & II (Part II.F Groundwater) Public Meeting</p>	<p>January 13, 2020 to March 13, 2020 February 11, 2020</p>
<p><u>Class 3 Permit Modification</u> - Contingency plan and Attachment 4, <i>Hanford Emergency Management Plan</i> and Parts I & II</p>	<p>February 10, 2020 to March 25, 2020</p>
<p><u>Class 3 Permit Modification</u> - Liquid Effluent Retention Facility and 200 Area Effluent Treatment Facility</p>	<p>February 3, 2020 to March 19, 2020</p>
<p><u>Class 3 Permit Modification</u> - Low-Activity Waste Facility and Effluent Management Facility</p>	<p>February 10, 2020 to March 26, 2020</p>
<p><u>Class 3 Permit Modification</u> – Closure Plans at T-Plant (211-T Pad, 221-T Railroad Cut, 221-T Sand Filter Pad, 271-T Cage, 277-T Building, 277-T Outdoor Storage Area) and Central Waste Complex (2401-W Waste Storage Building)</p>	<p>March 16, 2020 to May 1, 2020</p>
<p><u>Agency Initiated Permit Modification</u> – WTP Preliminary Risk Assessment</p>	<p>February 24, 2020 to April 9, 2020</p>



Opportunities for public involvement for other permits

Unit	Dates
<u>State Waste Discharge Permit</u> – ST0004500 – State-Approved Land Disposal Site permit renewal	Public comment period TBD
<u>Class 2 Permit Modification</u> – PermaFix NW, In-Container Mixer Unit (at their Mixed Waste Facility) Public Meeting	January 24, 2020 to March 24, 2020 <i>February 3, 2020</i>
<u>Air Permit</u> – DE18NWP-001 Notice of Construction - AW tank farm stack extension Minor modifications to this permit (to clarify sampling requirements)	Issued 12-20-2019 Issued 2-3-2020
<u>Air Permit</u> – DE05NWP-001 Notice of Construction Revision – Remove AW tank farm due to new permit DE18NWP-001	Issued 12-20-2019
<u>Air Permit</u> – DE16NWP-003, Rev.1 Notice of Construction – Effluent Management Facility, change in dimethyl mercury sampling methodology	Issued 12-20-2019



New Employees

Devon Silva



Single Shell Tank Lead
Cleanup Section

Jeff Marusich



Permit Writer
Tank Waste
Treatment Section

Amena Mayenna



Environmental Engineer
Waste Management
Section

Kenton Rod



Natural Resource Scientist
Tri Party
Agreement Section

New Faces in the Agency



Laura Watson
Director of Ecology



Heather Bartlett
Deputy Director of Ecology



Tyson Oreiro
Tribal & Environmental Affairs

Questions?

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Nuclear Waste Program
509-372-7950
Hanford@ecy.wa.gov

