

**Hanford Advisory Board – Agency Update**  
**September 19, 2018**  
John Price, Ecology

# Outline

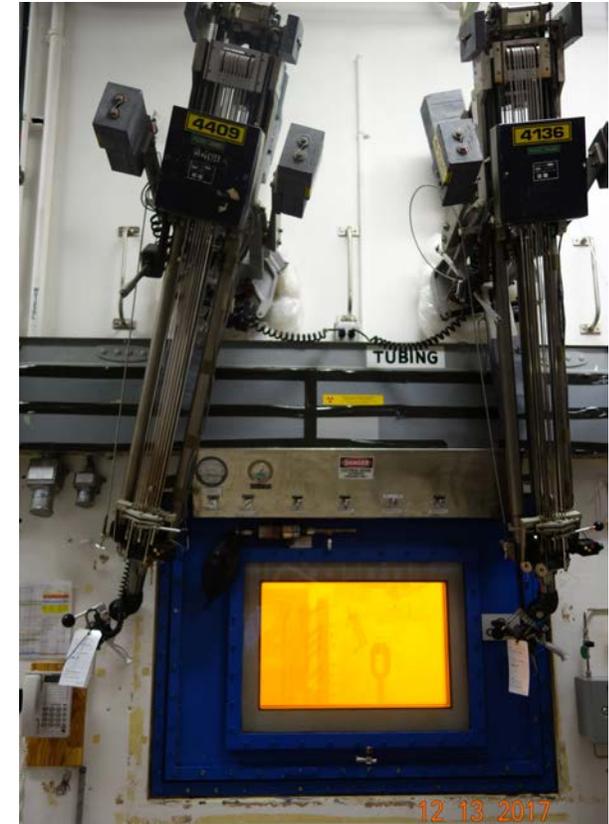
- Upcoming TPA Changes
- Permitting Update
- New Faces at Ecology



# Public Comment Period

## TPA M-92 milestones

- Store, treat/process, dispose of cesium and strontium capsules
- Convert bulk sodium for use in the Waste Treatment Plan
- Store and dispose of 300 Area Special Case Waste



WESF Hot Cell



# M-92 Public Comment Period(s)

There will be three separate public comment periods related to storage of the cesium-strontium capsules:

- *Previous:* USDOE held a public comment period November 27, 2017, to January 31, 2018, for a Class 3 Permit Modification to the Hanford Dangerous Waste Permit. USDOE asked for comments on the construction and operation of a proposed Capsule Storage Area.
- *Current:* The TPA agencies held a public comment period May 21 – July 6 for changes to the TPA M-92 milestone. These changes relate to all 3 wastes (cesium and strontium, bulk sodium, and Special Case Waste).
  - **USDOE requested additional \$10 million congressional appropriation in FFY 2019, based on Ecology letter**
- *Future:* Ecology will hold a future 60-day public comment period on the Class 3 Permit Modification to the Hanford Dangerous Waste Permit, for the proposed Capsule Storage Area.



# System Plan Negotiations update

## TPA M-62-45 milestone

- Ecology and DOE extended deadline 3 times  
May 31 to June 30 to August 15 to November 15
  - Anne White (EM-1) asked to be personally involved in negotiations
- When we reach agreement, we will provide
  - 30-day advance notice of public comment
  - 60 day public comment period
  - Opportunity for public meeting(s)

*This means that the public comment period would extend beyond the date of the March Board meeting*



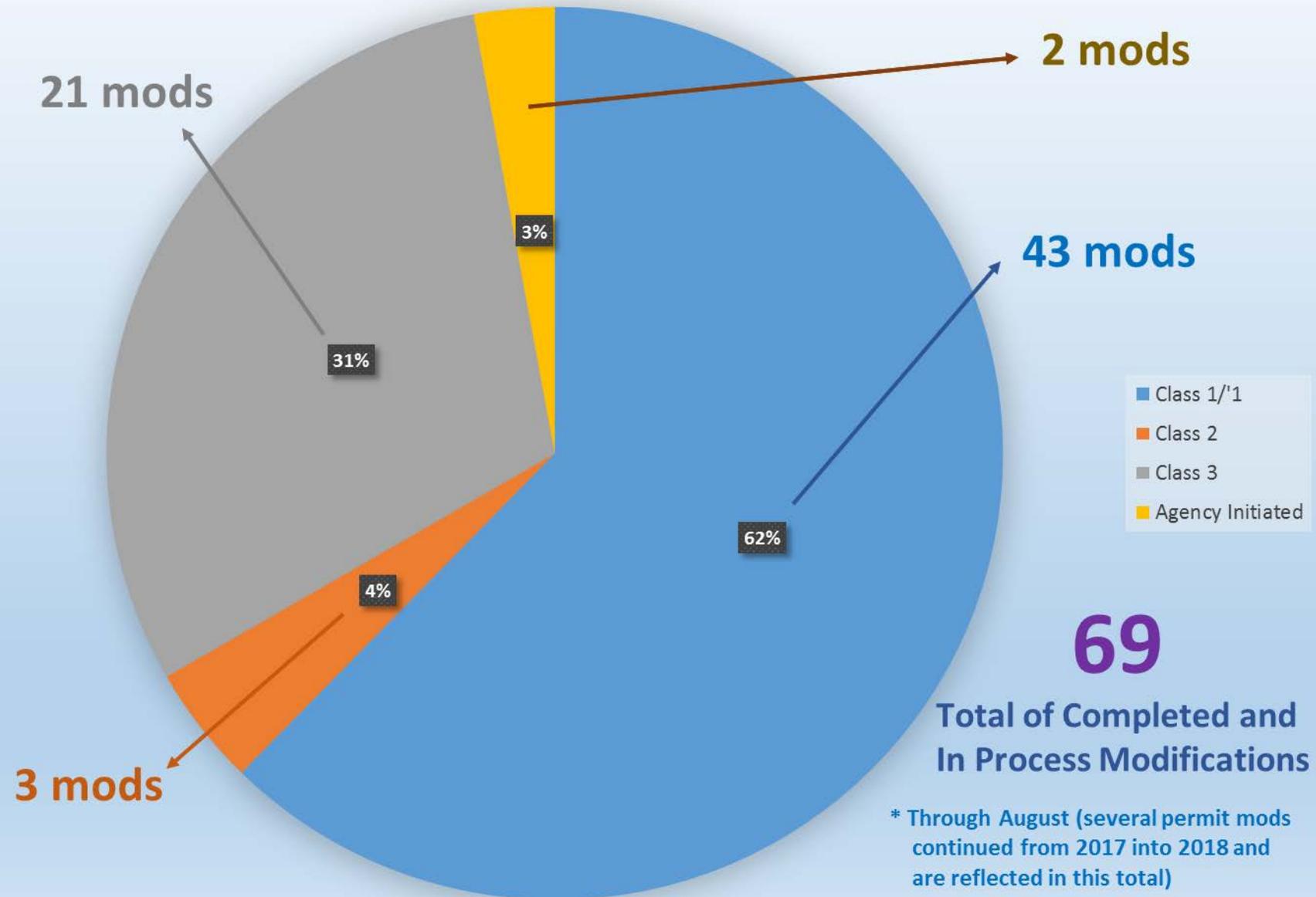
# Permitting Update

## Purex Tunnel #2

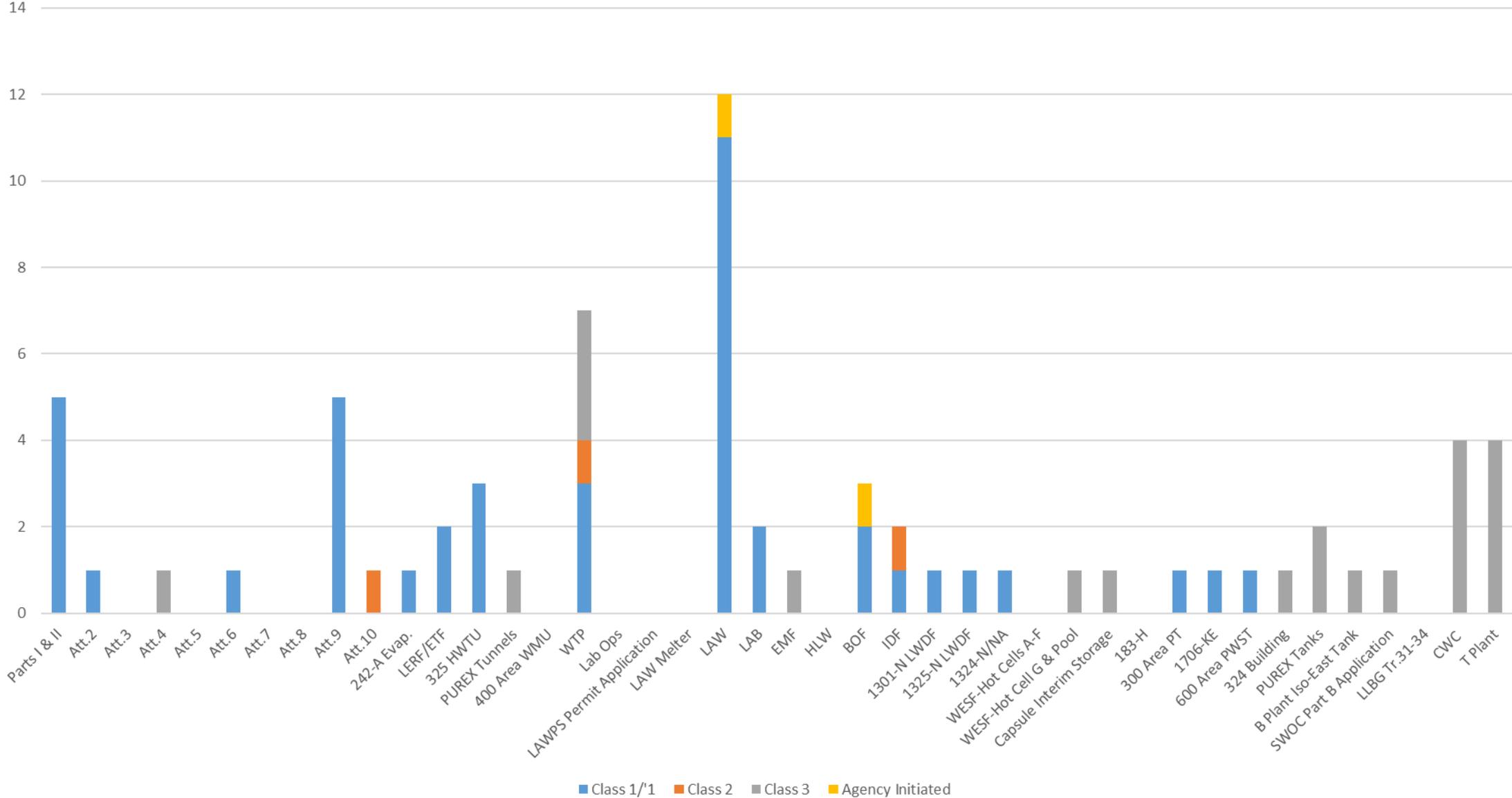
- August 27 public meeting in Richland: 20+ public
- September 5 public meeting in Seattle: ~40
- Major public comments included:  
*would grouting make it more difficult to characterize the waste and remove the waste later*
- Ecology's Temporary Authorization allows USD OE to set up infrastructure needed to grout fill the tunnel
- Ecology will consider public comments and make a final decision on the permit by late Oct, with permit decision effective mid- to late-Nov



## 2018 Permit Modifications By Class\*



### 2018 Permit Modifications by Facility - Completed and In Process



# Permit Mod Forecast – Rev. 8c

As of August 2018

Unit	Class 2	Class 3	Agency initiated
WTP Part III		X	
PUREX Tunnels – Changes to Permit to Address Stabilization of Tunnels 1 and 2		X	
Capsule Interim Storage		X	
SWOC CWC: Outside Storage Area A, Outside Storage Area B, and D-10 Outside Storage Area		X	
SWOC T Plant and CWC: 277-T Building, 211-T Pad, and 271-T Cage, and CWC 2401-W Waste Storage Building		X	
SWOC Part B - Operating Units		X	
WESF Operating (support capsule movement to dry storage)		X	



# Permit Mod Forecast – Rev. 8c Cont.

As of August 2018

Unit	Class 2	Class 3	Agency initiated
PUREX - Closure Plans for 203-A Acid Storage Area TK-P4 and 211-A Chemical Storage Area TK-40		X	
PUREX – Closure Plan for Tank 156 (TK-156)		X	
Attachment 4 – Hanford Emergency Management Plan (HEMP)		X	
276-BA (Tank ISO-East)		X	
324 Building – RCRA Closure Plan		X	
Integrated Disposal Facility		X	
Attachment 10 – Purgewater Management Plan	X		



## Reissue Rev. 9 Permit

# Rev. 9 Progress

- Completed Major Theme agreements with DOE on 7 of 11 permit addenda.
- Working on Unit Group workshops for 7 of 11 permit addenda.
- Completed most of the Part A and Security addenda. Working on Closure Plans and Inspection.
- Ecology and DOE track their progress against a schedule, which has specific completion dates and reporting requirements.

<i>June 2017</i>	Completed CAP	Rolled-up Data	Presented to DOE	Completed Workshops	Unit Group Workshops
Part A	✓	✓	✓	✓	Unit group workshops with DOE in progress.
Security	✓	✓	✓	✓	Unit group workshops with DOE in progress.
Closure	✓	✓	✓	✓	Unit group workshops with DOE in Progress.
Post-closure	✓	✓	✓	✓	Unit group workshops with DOE in progress.
Groundwater	✓	✓	✓	✓	Unit group workshops with DOE in progress.
Inspections	✓	✓	✓	MT workshop in progress. Two issues raised to Tier 1.	
Training	✓	✓	✓	MT workshop in progress.	
Waste Analysis Plan	✓	Permit Writers Fill in Matrices w/deficiencies			
Process	Draft				
Preparedness & Prevention	✓	Permit Writers Fill in Matrices w/deficiencies			
Contingency/HEMP	Draft	→	→	✓	DOE has provided instruction to Contractors to produce BEPs.



# More info:

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