ACCOMPLISHMENTS

- Shipments completed in FY22: 235
- Loaded miles in FY22: 248,790

- Total shipments received: 13,209
- Total loaded miles traveled: 15,780,441
- Total CH waste containers emplaced: 266,723
- Total RH waste canisters emplaced: 775
- Shielded containers emplaced: 56 (included in total RH)

Updated October 3, 2022
### Shipments in FY 2022

<table>
<thead>
<tr>
<th>Site</th>
<th>Actual Shipments in FY 2021</th>
<th>Targeted Projected Shipments in FY 2022</th>
<th>Actual Shipments to Date in FY 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>LANL</td>
<td>56</td>
<td>62</td>
<td>76</td>
</tr>
<tr>
<td>INL</td>
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<td>190</td>
<td>130</td>
</tr>
<tr>
<td>ORNL</td>
<td>22</td>
<td>8</td>
<td>12</td>
</tr>
<tr>
<td>SRS</td>
<td>6</td>
<td>34</td>
<td>15</td>
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<tr>
<td>SQS (SNL, LLNL, ANL)</td>
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<td>5</td>
<td>2</td>
</tr>
<tr>
<td>WCS</td>
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</tr>
<tr>
<td>Total</td>
<td>199</td>
<td>299</td>
<td>235</td>
</tr>
</tbody>
</table>

* FY22 targets are based on availability of certified TRU waste for shipment

Updated October 3, 2022
WHERE ARE WE NOW?

WIPP Land Withdrawal Act (Public Law 102-579) allows for 175,564 cubic meters of TRU waste to be disposed at the WIPP facility

- Panels 1 – 6 have been filled and closed
- Waste is currently being emplaced in the last available room in Panel 7
- Mining and outfitting of Panel 8 is complete and certification is underway

Approximately 40.7% of WIPP LWA total TRU waste volume emplaced

- CH 71,589 m³
- RH 361 m³

Additional disposal panels and infrastructure investments are needed to accommodate the Congressionally authorized disposal volume in the LWA

- Replacement Panels 11 and 12
- As a result of waste packaging and emplacement inefficiencies, additional Panels will be needed to complete the WIPP mission
Panel 8 has been certified and is ready for waste emplacement.

- Waste emplacement is projected to begin in Panel 8 late this year.
- Advantages to moving to Panel 8 are:
  - No personal protective equipment will be required
  - Improved ground conditions
Mining Progress

- Currently Mining three main drifts
  - S-700, S-850 and S-1000
  - Cumulative tons mined: 66,102 tons
The SSCVS Project will increase high-efficiency particulate air (HEPA) to the WIPP underground, increasing worker safety throughout the mine.

- SSCVS Project is ~63% complete
  - Salt Reduction Building is ~60% complete
  - New Filter Building is ~59% complete
SSCVS - Salt Reduction Building

- Interior painted
- Electrical conduit, wiring, lighting and PA system installed
- Installed water treatment tanks
- Installed 6 Salt Reduction Units and associated duct work
- Installation of the 55,000-gallon condensate tank nearing completion
- Started HVAC and fire protection installation
SSCVS - New Filter Building

- Safety significant cast in place concrete placements completed except for one elevated slab
- Installation of precast component is underway - 76 completed
- NFB long lead equipment delivered
- 22 HEPA Filter housings
- 4 of 6 fans
NEW FILTER BUILDING

Goals in FY2022-2023

- Complete structural construction of the New Filter Building (NFB)
  - The shear walls are the cast in place concrete and that will all be finished by the end of September.
  - Precast roof panels installed
- Complete interior painting - February 2023.
Design, construct and sink a new 2,150-foot vertical air intake shaft, Shaft Number 5, and supporting infrastructure and two 3,000 foot drifts back to the existing underground. The project will provide an unfiltered underground ventilation system for the mining dust to be removed from the underground repository.

- US Project is 65% complete
Goals in FY2022

- Resume excavation of the Utility Shaft (re-started on 6/13/22)
- Complete procurements and award design and fabrication of two large fans to be located on the surface on concrete slabs at the Utility Shaft
  - Complete the procurement and award the contract for the underground electric power packs
- Air Intake Shaft (AIS) Exhaust Shaft: complete structural construction of stack and associated ductwork and plenum (completed in May 2022)
PERMIT MODS AND STATUS

FY 2022 Regulatory Actions
Ten-year Permit Renewal Application

- December 17, 2021 – NMED consolidated the 10 Year Permit Renewal Application and Class 3 PMR for Panels 11 and 12.
- WIPP responded to NMED Technical Incompleteness Determination (TID)
- A “draft” permit is expected to be published for public comments in October of 2022
- Public hearings are anticipated to take place in the May/June time frame

WIPP plans to submit a Class 2 PMR for new shielded containers to NMED
WIPP will also submit a Planned Change Notice to EPA for new shielded containers (NRC approvals for SCA’s has already be received)
A planned change notice will be submitted to EPA for Panels 11 and 12
Questions?