

# WIPP Town Hall Meeting

December 13, 2018

*Sponsored by the U.S. Department of Energy  
and the City of Carlsbad, NM*

- **Welcome – Mayor Dale Janway**
- **Introduction – Moderator John Heaton**
- **WIPP Status – NWP President and Project Manager Bruce Covert**
- **CBFO Update – CBFO Manager Todd Shrader**

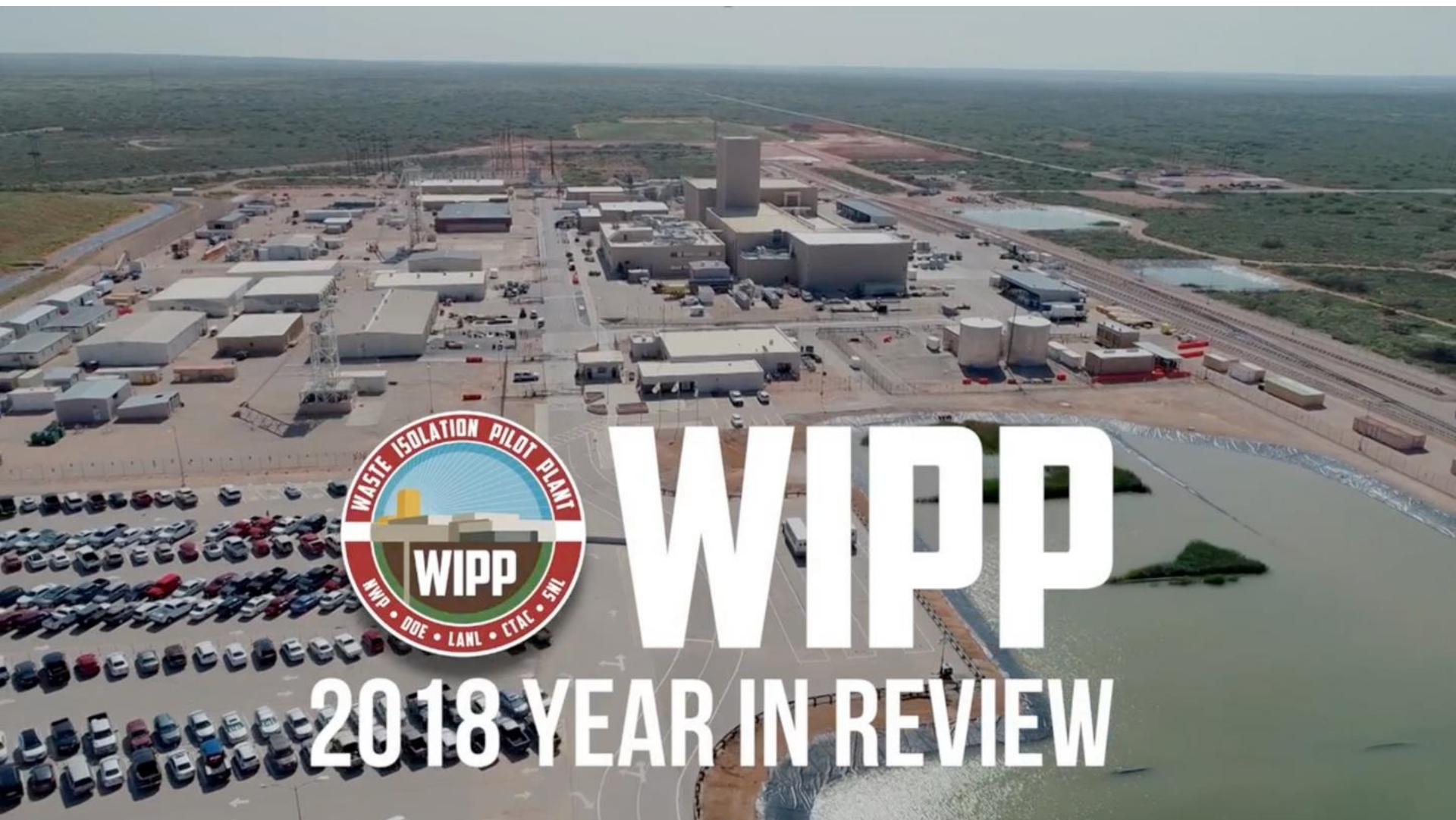


# WIPP Status

## NWP President and Project Manager Bruce Covert

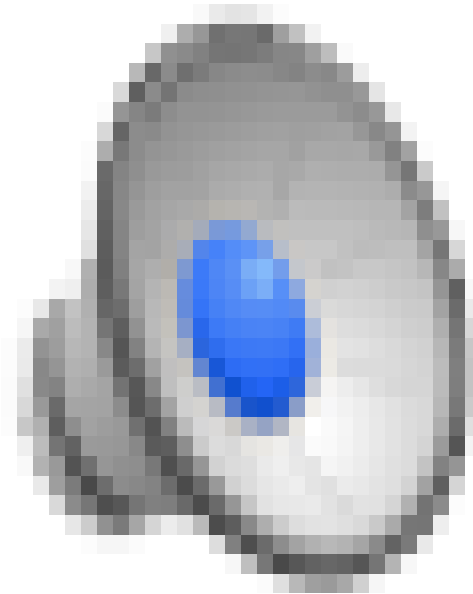






# WIPP

# 2018 YEAR IN REVIEW



- 2.4 KV salt hoist switch replacement
- TRUPACT-III ramp-up
  - Automated Guided Vehicle repairs
  - Payload Transfer Station repairs
  - Team members practicing operations procedure
- Argonne shipments
  - Shielded containers
- Contract in place for procurement of a continuous underground mining machine
- Comms team – AECOM Award





# Community Commitment Plan

## 2018 COMMUNITY PLAN SUMMARY

Critical Area	Volunteerism	Monetary Donations
Education	800 volunteer hours ✓	\$70,000 ✓
City of Carlsbad	100 volunteer hours ✓	\$100,000 ✓
Economic Development	200 volunteer hours ✓	\$200,000 ✓
Community Support	1,100 volunteer hours ✓	\$130,000 ✓
Totals	<del>2,200</del> <b>4,400+</b> volunteer hours ✓	\$500,000 ✓

The 2018 Contractor Community Commitment Plan addresses community needs and builds on more than 30 years of investment in Eddy and Lea counties.



The Young Professionals food drive collected over 36,000 pounds of food for area residents

Nuclear Waste Partnership joins with local educators, The Assistance League and the Battered Families Shelter to strengthen our communities



## 2018-2019 Contractor Community Commitment Plan Summary

Critical Area	Monetary Donations
Community Support	\$220,000
Economic Development	\$200,000
Education	\$80,000
Monetary Total	\$500,000
Volunteer Hours	2,500



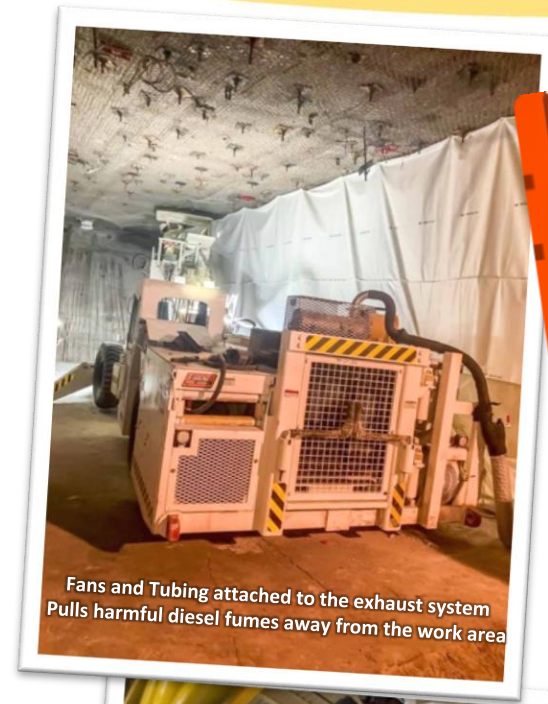


## Underground

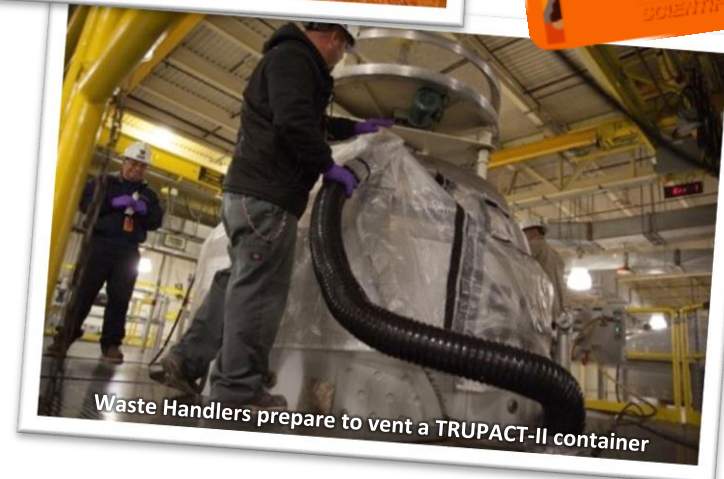
- Procurement and testing of:
  - Exhaust trunks - Successful
  - Selective Catalytic Reduction units
  - RYPOS Technology – Reduces hydrocarbons, carbon monoxide and nitrogen dioxide
  - Stand alone filter units to increase underground ventilation
  - Localized face fans

## Contact-Handled Waste Bay

- Improvements in Waste Handling Building ventilation air exchanges
- Increased cycling of the vacuum pump
  - Mixing air and vapors in bottom of Inner Containment Vessel
  - Portable filtered air movers



MX4

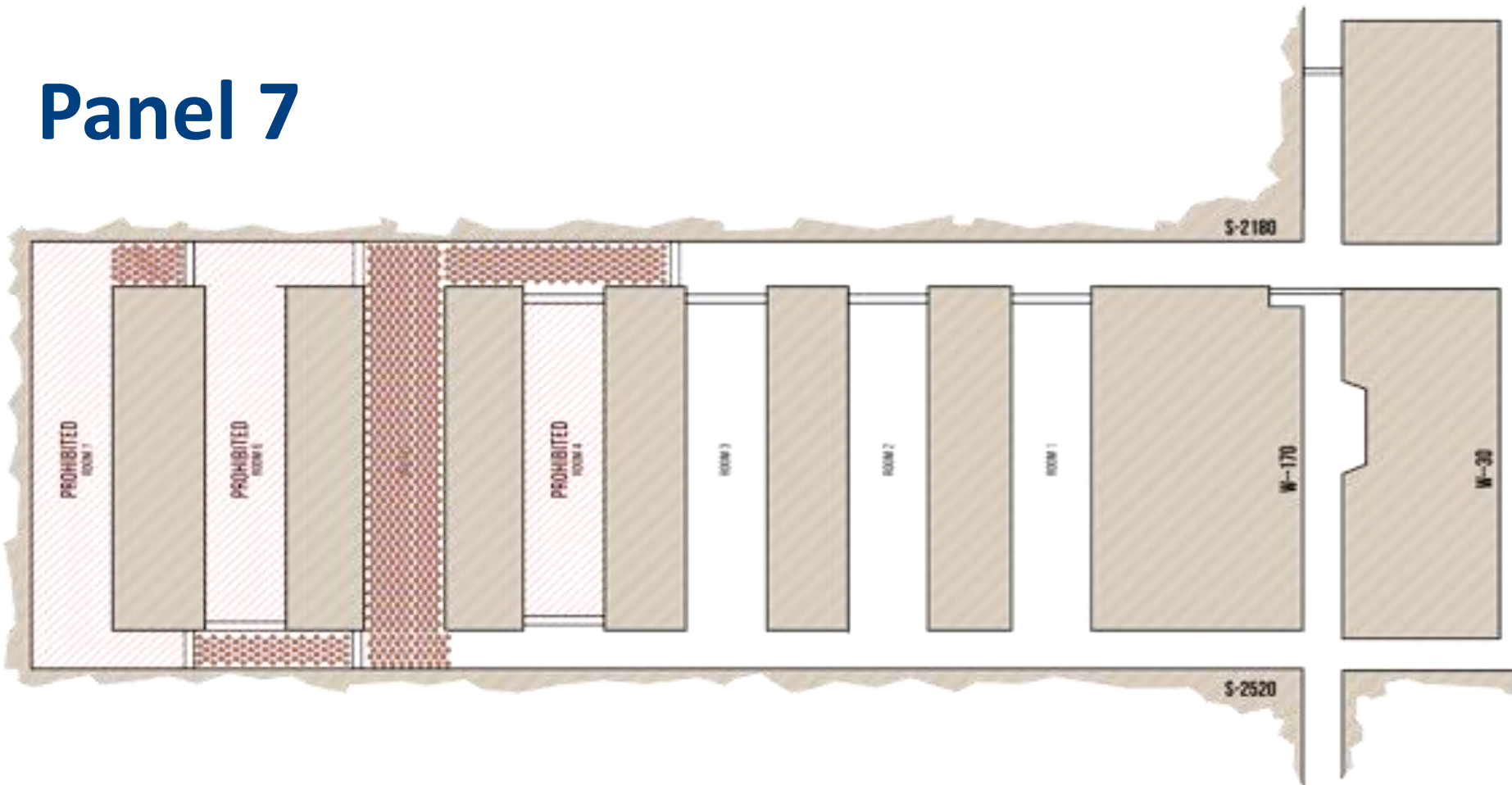


- Total Shipments received (since 1999) – **12,308**
- Total Loaded Miles Traveled (since 1999) – **14,733,628**
- Shipments received in FY18 – **310**
- Shipments received in FY19 – **47**
- Loaded miles in FY18 – **401,946**
- Total CH Waste Containers Disposed – **174,046**
- Total RH Waste Canisters Disposed – **719**





## Panel 7



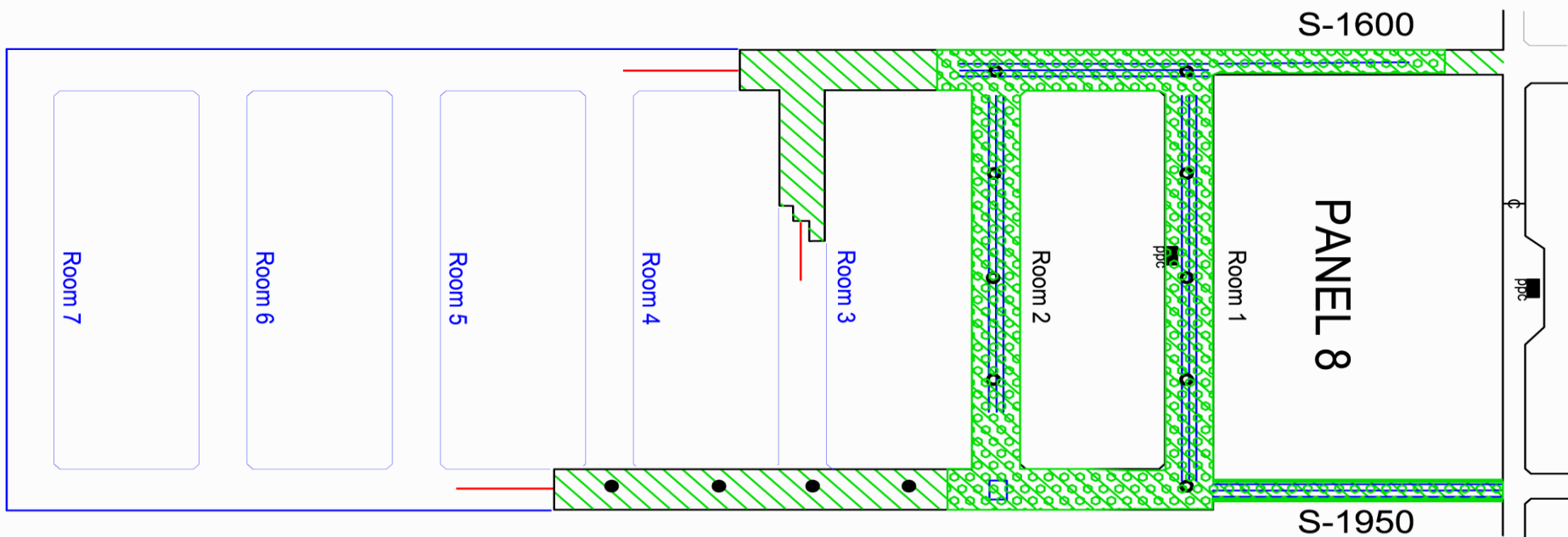


- Employee safety is our highest priority
- Core areas maintained according to priorities
  - Core areas include main drifts (E-300, E-140, W-30 and W-170) and cross-drifts

## Current Priorities:

- Panel 7, Room 3, preparing for waste emplacement
- E-300 Maintenance Shop
- Panel 8, as mining progresses
- More than 7,000 bolts installed in FY18
- Recently Completed Projects
  - East 300 South (exhaust drift)
  - East 300 North (Enriched Xenon Observatory area)
  - Salt Disposal Investigations (recovering the EIMCO Miner)





## Mining

11/19/2018– 11/25/2018

### Panel 8:

- Back Removal S1950
- Broke through to Room 1
- De-Dusters relocated into Panel 8

### Mining Resumption

- Cumulative tons = 19,169

### Bolting activities this week:

- Performed on an as-needed basis

## Legend

- Planned mining
- Probe hole drilled
- Initial mining
- Re-Mine to Clay G
- Rib Trimming
- Initial Air relief hole drilled
- Re-drilled Air relief hole
- Initial bolting completed

- Phase 1 Grading Complete
- Five Construction Trailers Installed
- Phase 2 Grading Underway
  - Required to establish pad for construction
- General contract awarded to Critical Applications Alliance (\$135 Million)
- Fabrication Assembly Building subcontract awarded to Christensen Building Group





- Proceeding with CD-3A package
  - Anticipate approval this month
  - Site preparation activities
  - Execution of long-lead procurements
  - North Access Road Bypass
- RFP for Shaft and Drifts will be sent to prospective bidders
  - Provides realistic costs
  - NWP vendor selection
  - Costs included in final CD2/3 package for DOE approval



# Annual Maintenance Outage

- Scheduled for Jan. 7–Jan. 27
- Scope of Work includes:
  - Preventative maintenance on electrical substations
  - CH-Bay floor resurfacing
  - RH-Bay refurbishment
  - Underground air line replacement
  - Salt Hoist maintenance, and more!



# New NWP Chief Operating Officer

- **Gene Balsmeier**, Chief Operating Officer & Deputy Project Manager
- Previously served as NWP Restart Manager during WIPP's effort to resume waste handling and emplacement – 2016-17
- Almost 50 years of experience
- Served on three nuclear submarines
- Previous DOE experience at Idaho Cleanup Project, Naval Reactors Facility in Idaho, and Rocky Flats Environmental Technology Site





# CBFO Manager's Update

## Todd Shrader



U.S. DEPARTMENT OF  
**ENERGY**

# New CBFO Deputy Manager

- **Kirk Lachman, CBFO Deputy Manager**
- Previously served as DOE/EM Deputy Chief for Field Operations, 2017-2018
- Over 27 years of DOE experience
- Underground design, safety, and operations experience since 1991
- Previous DOE experience at Nevada National Security Site and Yucca Mountain Project





- CBFO made commitment to brief public on contents of plan
- Working to align with EM-wide alternatives analyses
- Workshops to be scheduled after first of year
- Meetings in Carlsbad, Albuquerque



- Volume of Record Permit Modification Request
- EPA Compliance Recertification Application - 2019 Submittal
- High Level Waste Definition Proposal
- Findings of No Significant Impact - North Access Road By-Pass Environmental Assessment



# Visits & Upcoming Activities

- Congresswoman-elect Xochitl Torres-Small Visit
- Annual WIPP Legislative Breakfast – January 28, Santa Fe
- Waste Management Symposia – March 3-7, Phoenix, AZ



# Questions?