

# WIPP Town Hall Meeting

April 19, 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



- Mine Rescue
- MSHA Citations
- Speak Up, Listen Up – more than 600 employees trained
- Safety Trained Supervisor Certification
- Zone Safety Committees



# Safety Video

# Recent Accomplishments

- FY18 federal budget approved \$383 million for WIPP
  - ✓ Thanks to NM congressional delegation, local stakeholders
- Class 2 Permit Modification Request approved (March 22)
  - ✓ “Training Program Revision and Changes Due to Construction and Operation of a New Filter Building”
- Voluntary Protection Program Assessment team completed review of NWP
  - ✓ MERIT status retained
- Annual Maintenance outage completed
- Established 4-10 schedule
  - ✓ Mining on day shift/waste emplacement on back shift

# Shipments (as of 04/09/18)

- Total Shipments received (since 1999) – 12,105
- Shipments since restart – 211
- Averaging 7-8 shipments/week
- WIPP drivers have safely traveled over 14.4 million loaded miles



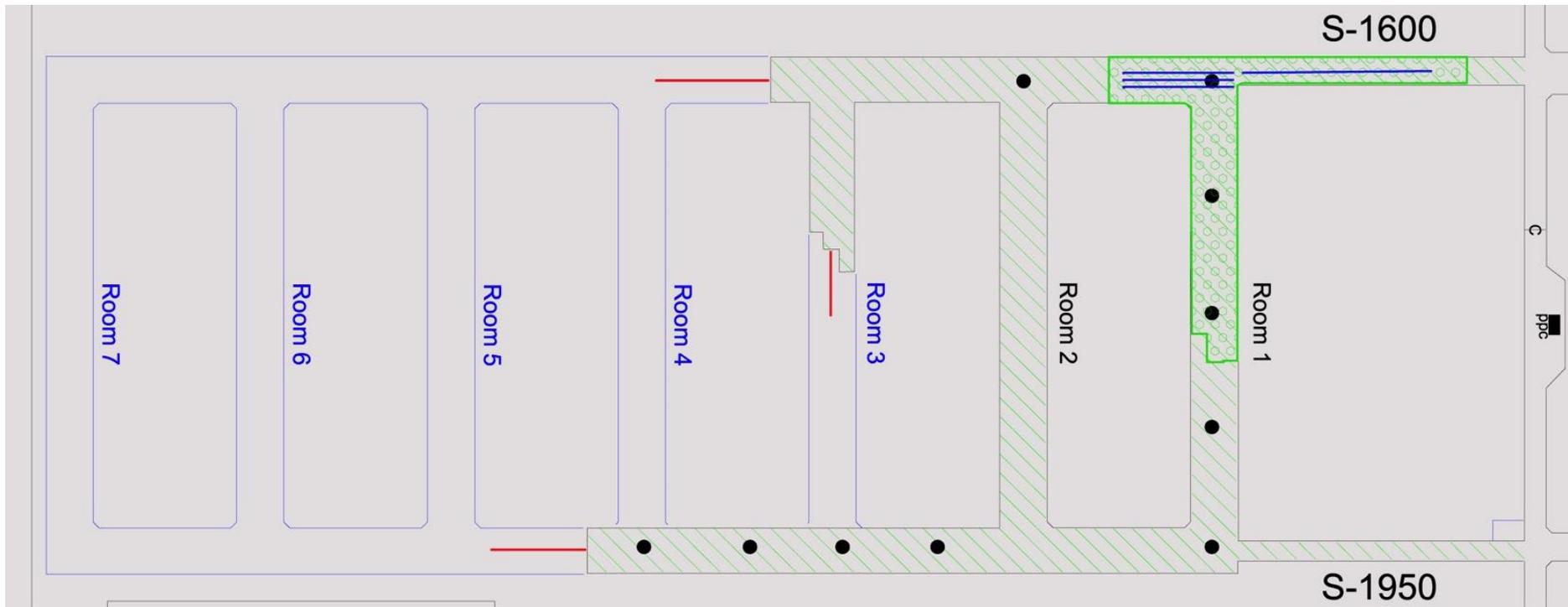
# Ground Control

- E-300 drift progress continues with bolting activities
- Over 500 bolts were installed throughout the underground (March)
- No change in Room 6, Panel 7
- CBFO and NWP continue to evaluate safe work conditions
- Employee safety is highest priority

Mining Video (10 sec. clip)

Bolting Video (10 sec. clip)

# Mining Update (Panel 8)



## Mining

4/02/18 - 4/08/18

Panel 8:

-- Back Removal

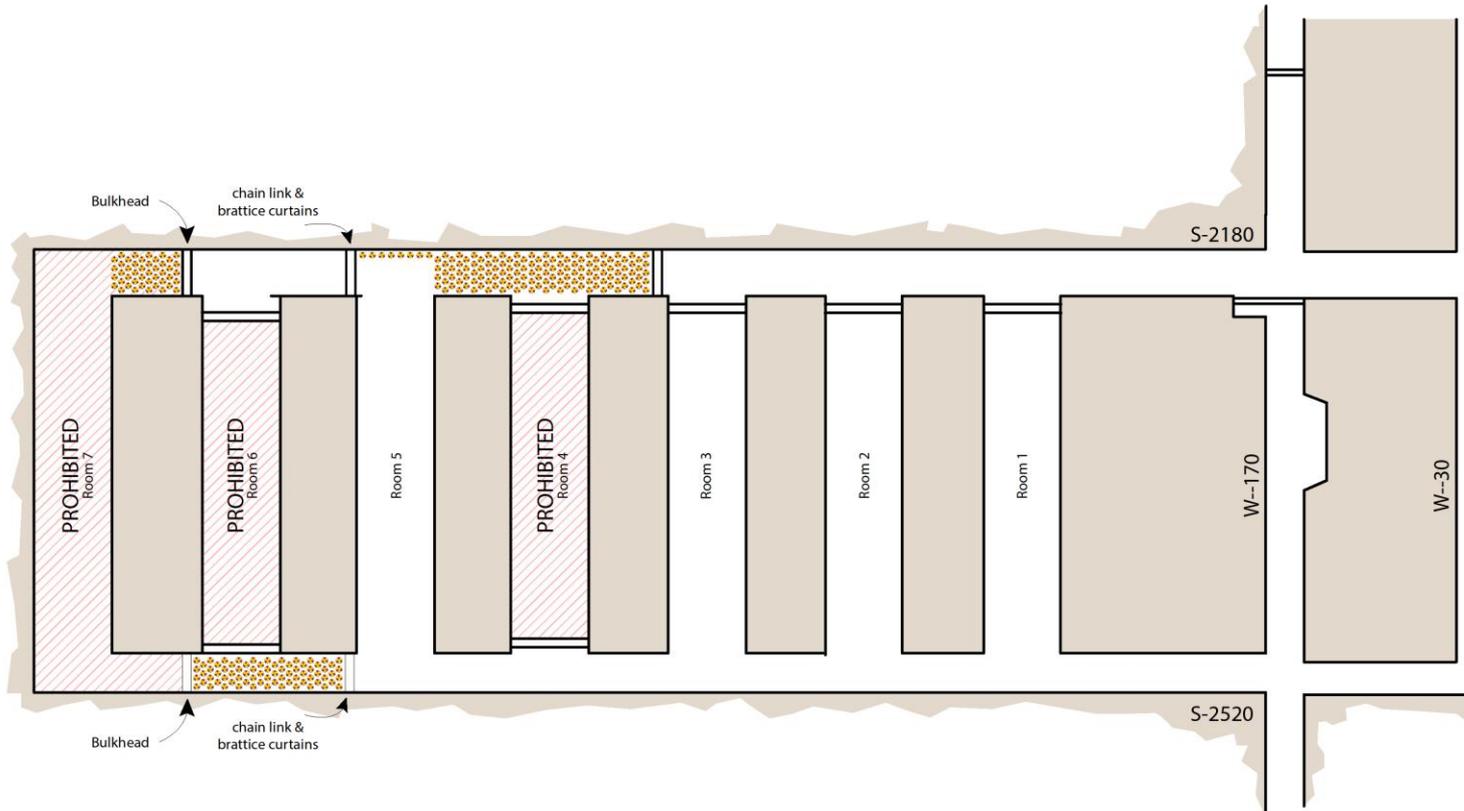
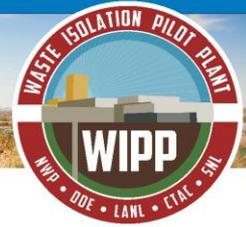
Mining Resumption

-- Cumulative tons = 5,763

## Legend

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

# Waste Emplacement Update (Panel 7)



## Current Infrastructure Projects

- Plant Air Compressor Replacements
- Fire Loop Project Phases 1 and 2
- 2.4 KvA Salt Hoist Switch
- 411/412 Roof Replacement



## Potential FY19 Infrastructure Projects

- PA System Recapitalization
- 2 Replacement Electrical Substations
- Lightning Array Design Upgrades
- Site Network Infrastructure Project
- CMR Improvements
- Above Ground Airline Replacement to the Underground (bottom of shaft for now)
- Replacement of Underground Substation

# Community Commitment Plan

- Awarded the United Way Volunteer Business of the Year and Spirit of United Way Employee Giving Award
- Assisted CARC in rebuilding greenhouse tables; assisted with achieving fundraising goal of \$10K
- Increased current volunteer hours for FY18 to over 1,600 hours



# CBFO Manager's Update

## Todd Shrader



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**ENERGY**

# FY 19 President's Request

|  | FY19 REQUEST         |
|--|----------------------|
| Nuclear Waste Partnership  | \$195,045,200        |
| Other Participants   | \$69,954,800         |
| Carlsbad Infrastructure Recap  | \$46,695,000         |
| Construction 15-D-411, Safety Significant Confinement Ventilation System | \$84,212,000         |
| Construction 15-D-412, Utility Shaft                                     | \$1,000,000          |
| Safeguards & Security  | \$5,288,000          |
| Cyber Security   | \$1,292,000          |
| <b>Total</b>   | <b>\$403,487,000</b> |

# Waste Control Specialists

Last Shipments of Class 1 LANL Waste Leave WCS

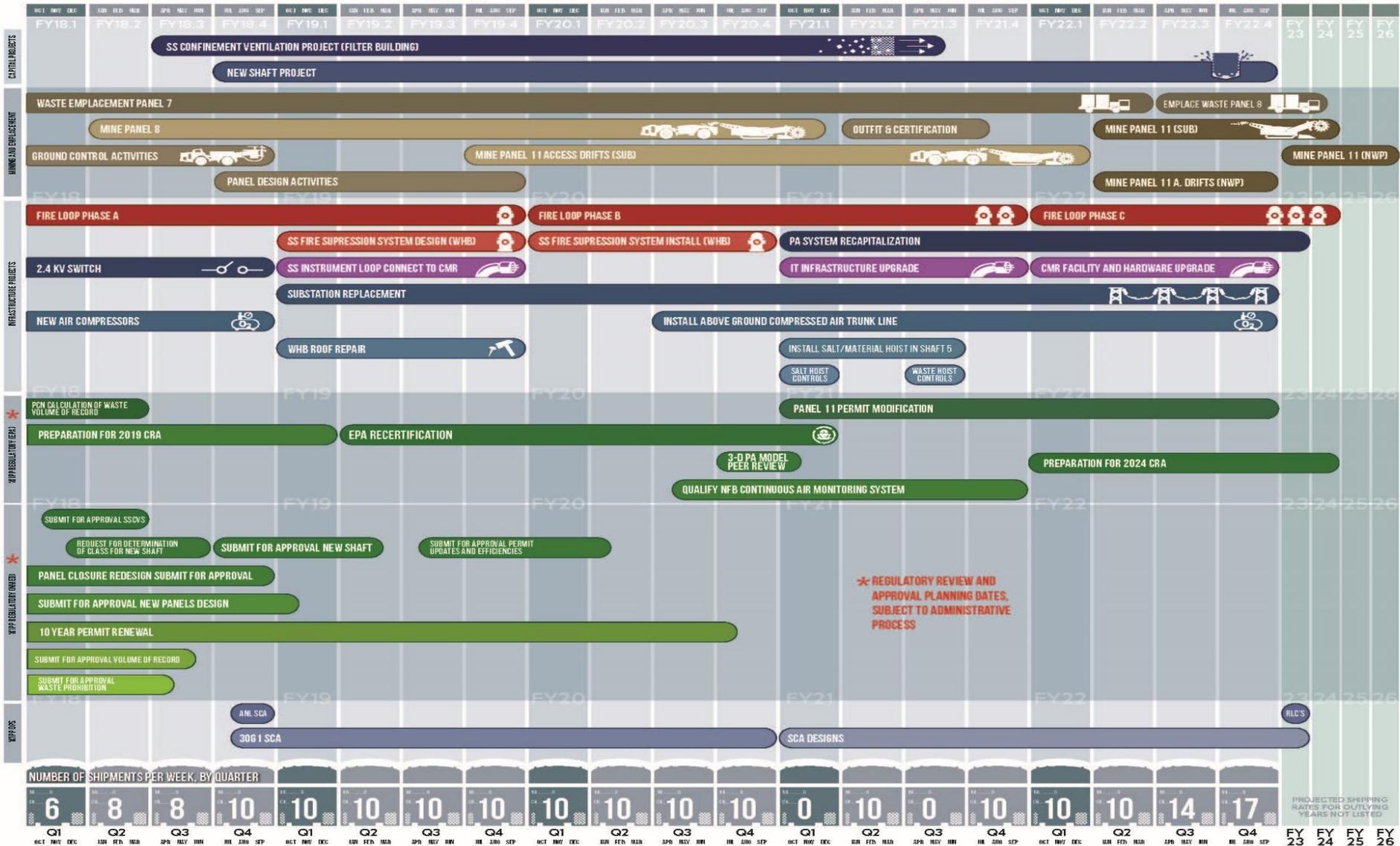


- Jan. 17: MSHA First Quarter Summary
- March 26: DNFSB letter regarding Safety Significant Confined Ventilation System
- Office of Enterprise Assessment Reports
  - Feb. 16: Assessment of Emergency Management at WIPP
  - April 12: Lessons Learned from Assessments of Safety into Design of New DOE Nuclear Facilities



- Completed Independent Cost Estimate
- Completed External Independent Review
  - Turn over to Operations – March 2021
  - Complete Demolition of Existing System and Schedule Margin – November 2022
- Approval of project design in near future
- Request for proposal for construction forthcoming
- Plan to award construction contract May 2018
- Anticipate start of construction May 2018

# Looking Ahead at WIPP



# WIPP Repository Utilization (concept for future)



# Questions?

