



Radioactive & Hazardous Materials Committee

Waste Isolation Pilot Plant
November 4, 2019

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President & Project Manager
Nuclear Waste Partnership





Recent Accomplishments

- Averaging 10 shipments/week
 - Total Shipments 12,608 (as of October 30)
 - 2019 – 270 shipments
- Panel 8 mining continues
- Earned Value Management System certification
 - Systematic project management process used to find variances based on the comparison of work planned and work performed
- Approval of CD 2 & 3 (Utility Shaft)



Driver Mark Beene has logged more than a million total miles, over 635,000 of which have been transporting TRU waste to WIPP.

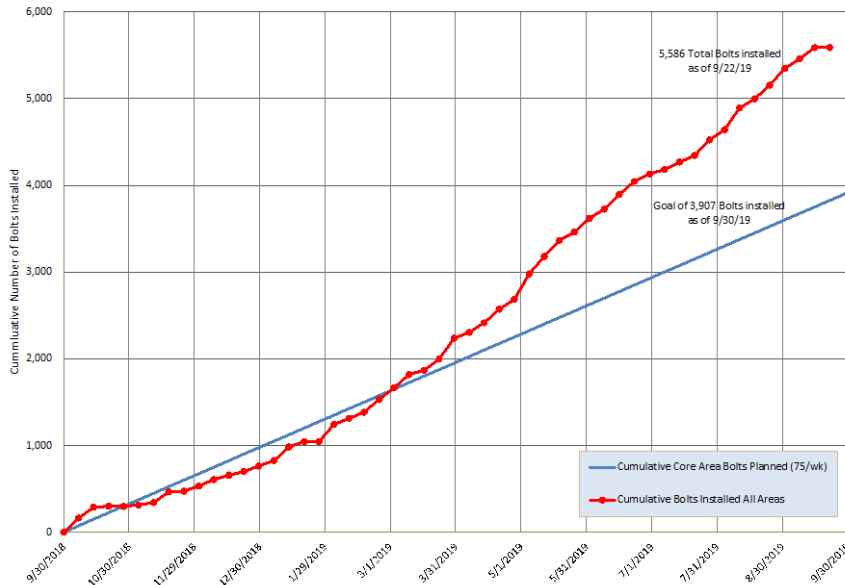


Operations

- Shipments/waste emplacement
 - 468 Columns of waste emplaced – Target 515
- Mined almost 65,000 tons in Panel 8
- +5,600 bolts installed in FY19

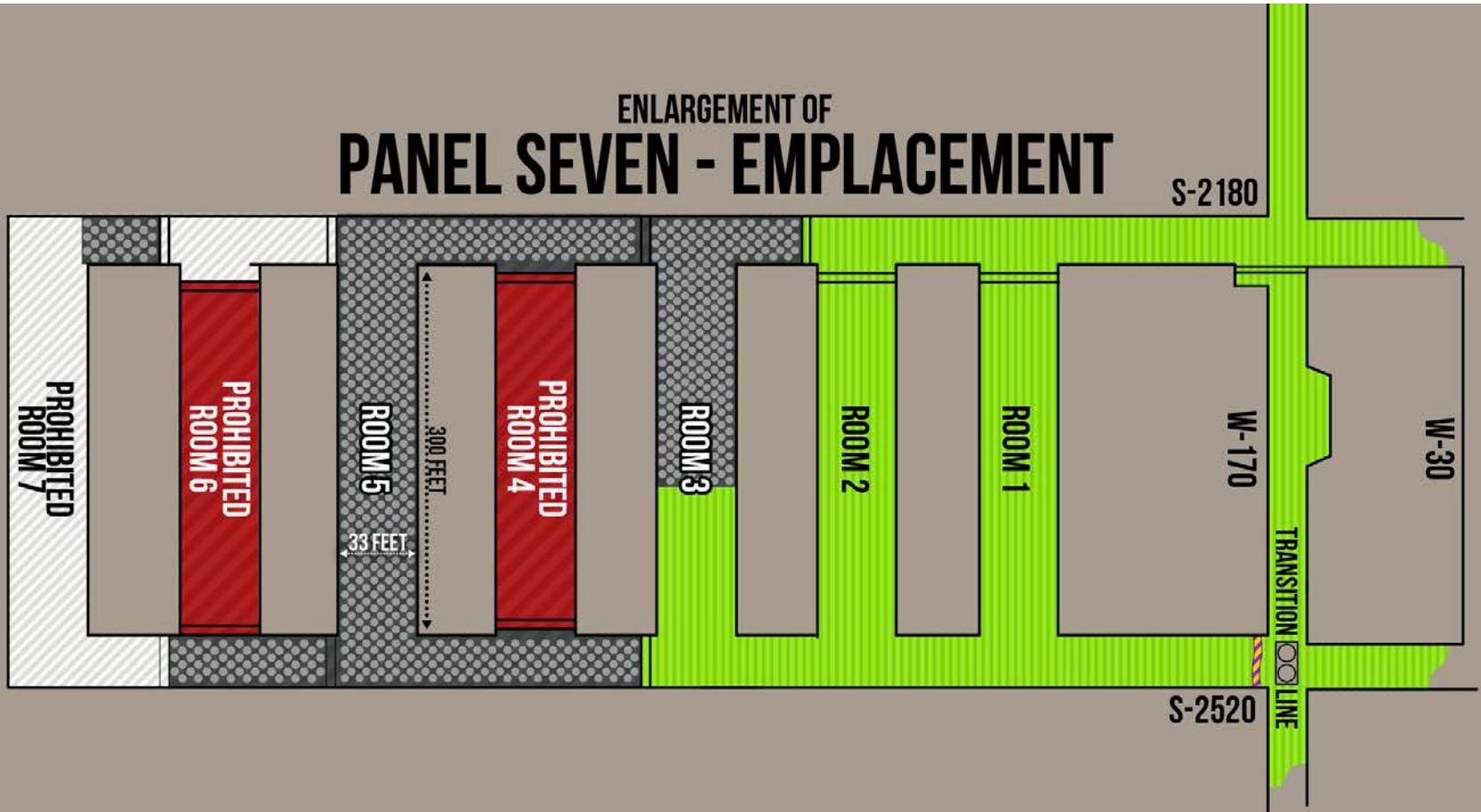


PEMP FY19 Bolting Production Metric



Panel 7 Status

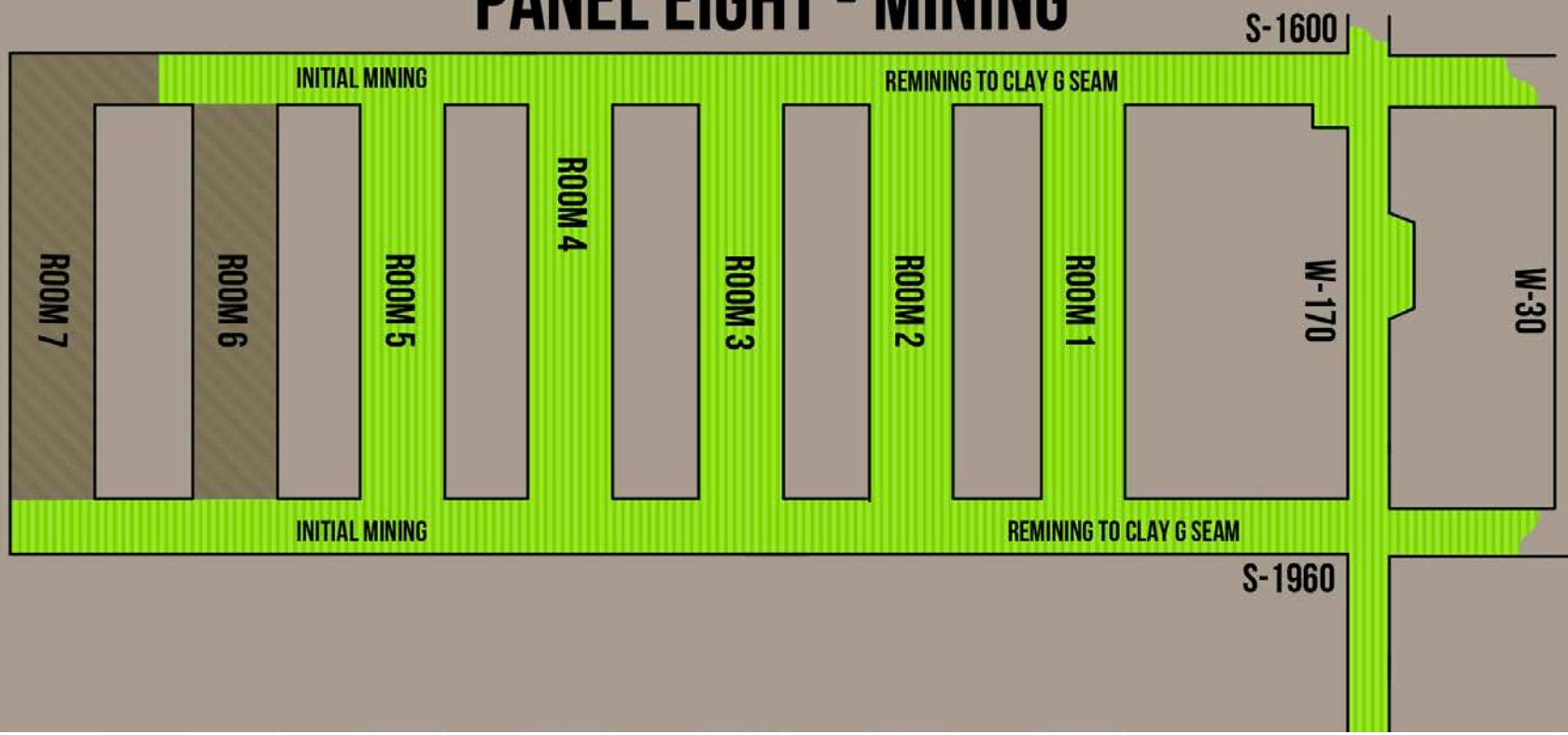
ENLARGEMENT OF PANEL SEVEN - EMPLACEMENT





Panel 8 Status

ENLARGEMENT OF PANEL EIGHT - MINING



Capital Projects

- **Safety Significant Confinement Ventilation System (SSCVS)**

- Salt Reduction Building
 - ✓ 4 of 24 concrete sections have been poured
 - ✓ Remaining sections being prepped
 - ✓ Trailer complex nearing completion
- New Filter Building
 - ✓ Underground utilities are being installed
 - ✓ Steel erection is complete
 - ✓ Metal sheeting is being installed

- **Utility Shaft**

- Contract awarded: Harrison Western-Shaft Sinkers Joint Venture (\$75M)

- **North Access Road Bypass**

- Cut and fill completed, including rough grading
- Fine grading and placement of filter fabric underway, along with placement of the base course
- CMP pipe installation was completed at two of the five locations on the project





General Plant Projects

- Replacement Air Compressors
- Salt Hoist Repair



General Plant Projects

- Substations 1 & 3 Replacement
- Above Ground Airline Replacement
- WIPP Site Fire Loops Phases 1-4
- Central Monitoring Room Upgrades
- Site Infrastructure Backbone Upgrade
- Lightning Array Upgrade
- Underground Substation Replacement
- Building 411/412 Safety Significant Fire Suppression Design
- Public Address Upgrade Design



University Partnerships



STRATEGIC UNIVERSITY PARTNERSHIPS

WIPP ON CAMPUS

- BROWN BAG SEMINARS
- CLASSROOM SESSIONS

WORKFORCE DEVELOPMENT

- SAFETY CLASSES FOR NWP AND INDUSTRY (SAFETYFEST)
- SKILLS DEVELOPMENT

INTERNSHIPS

- 15-20 INTERNS EACH SUMMER

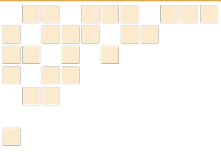
EXPERTS PANEL

- PERIODIC REVIEWS
- RECOMMENDATIONS REGARDING: GROUND CONTROL & MINE DESIGN

LEADERSHIP DEVELOPMENT

- EXECUTIVE FORUMS
- FRONTLINE MANAGER TRAINING
- 19 CADRES OF THE LEADERSHIP ACADEMY





Questions?

