

**FY2019 Fee Determination
Scorecard**

Contractor: Nuclear Waste Partnership, LLC

Contract: DE-EM0001971

Award Period: October 1, 2018 through September 30, 2019

Basis of Evaluation: FY2019 Performance Evaluation and Measurement Plan (PEMP)

The FY2019 PEMP for this contract is available at: <http://wipp.energy.gov/foia-current-contracts-payment-info.asp>

Award Fee Scorecard:

Subjective Fee (Award Fee) Criteria Summary Table

Criteria	Maximum Available Fee	Adjectival Rating	Fee Determined from Adjectival Ratings	
			Percentage	Fee Amount
1.0 Mission Performance	\$864,200	Very Good	85%	\$734,570
2.0 Regulatory Compliance	\$864,200	Very Good	82%	\$708,644
3.0 Management Performance	\$864,200	Good	70%	\$604,940
4.0 Safety & Health Performance	\$864,200	Good	70%	\$593,487*
5.0 Cost Control Performance	\$864,200	Good	75%	\$648,150
Total	\$4,321,000		76.1%	\$3,289,791

* During FY2019, the total proposed penalty amount for the citations identified by the Mine Safety and Health Administration (MSHA) during its quarterly inspections at the Waste Isolation Pilot Plant (WIPP) in FY2019 was \$11,453. As a result, the Fee Determination Official (FDO) has reduced the fee amount by \$11,453 from the Safety and Health award fee criteria (4.0), as allowed in Section IV.1 of the FY2019 PEMP.

Strengths/Achievements:

- Demonstrated strong performance in the Central Characterization Program (CCP) equipment availability at Waste Generator Sites that allowed the continuation of waste characterization to meet shipment schedules
- Implemented significant improvements to the TRU waste emplacement processes and procedures that allowed the contractor to maintain shipping rates at 8 – 10 shipments per week in FY2019
- Maintained the shipping schedule with high Availability of Type A and Type B for waste containers and shipments.

- Trained and interacted with stakeholders on WIPP transportation and communications to establish and maintain positive relationships.
- Submitted timely and high quality documents required for the Compliance Recertification Application (CRA)-2019
- Ensured that WIPP met or exceeded Hazardous Waste Facility Permit (HWFP) requirements, maintained an excellent working relationship with the New Mexico Environment Department (NMED), improved Permit pre-submittal and public meetings to allow more public involvement including Spanish communications, developed a RCRA contingency plan implementation report to address a received waste container that was deformed, developed an improved process for reporting and tracking disposed waste volume against the Land Withdrawal Act limits. Progress made towards the early submittal of the 10-year Permit Renewal Application
- Developed a policy and management procedure to address the method for tracking and reporting the Land Withdrawal Act (LWA) TRU mixed waste volume to the new volume of record permit modification
- Developed and executed a plan for recovery of a breached cesium source for another federal organization
- Developed Permit Modification Requests (PMRs) to improve WIPP operational efficiency while maintaining full compliance
- Exceeded its community commitments and exceeded its goals for Small Business, Small Disadvantaged, Women-Owned, and Veteran Owned businesses
- Provided positive public relations efforts while hosting tours and meetings as well as communicating WIPP milestones and information using various communication venues
- Implemented improvements in work planning and control and, resulting in a significant reduction of deferred maintenance actions
- Exceeded Strategic Sourcing Goals
- Implemented planning improvements, including the development of the annual integrated performance measurement baseline, strategic planning modeling, scheduling program improvements, and implementing and improving the plan of the day/plan of the week processes
- Exceeded DOE's Safety Goals for Total Recordable Cases (TRC) and Days Away, Restricted, or Transferred (DART)
- Initiated the first use of a battery electric load haul dump truck in the underground, improving the underground air quality
- Improved Radiological conditions in the underground thus requiring less Personal Protective Equipment by workers
- Corrected/addressed heat stress issues

- Developed and accurately reported costs and implemented various cost reduction/avoidance initiatives that resulted in cost savings ahead of due dates
- Used Best Practice Method to Achieve Earned Value Management System Certification

Areas for Improvement:

- Address issues in a timely manner to prevent development of more significant problems, Examples of significant problems the contractor allowed in FY19 include: :
 - High number of cyber security vulnerabilities
 - Lack of subcontractor control in the Safety Significant Confinement Ventilation System (SSCVS) project construction. NWP did not acquire the proper resources (i.e., the talent was lacking, either in number or skill) to effectively manage the SSCVS project (and their subcontractor). Couple this with the insufficient technical analysis and the long delay in resolving the large number of engineering changes resulted in potentially significant cost overruns and/or schedule delays.
 - Further improvements in underground air quality are needed, in addition to the replacement of the underground diesel-operated load haul dump truck with a battery electric version
- Reduce Technical Safety Requirement violations (improve compliance with Nuclear Safety requirements)
- Prevent unapproved changes to Security Training Program
- Minimize the number of Incidents of Security Concern
- Address Untimely resolution of issues and conditions adverse to quality
- Strengthen contractor oversight of subcontractors to enhance effective safety performance
- Improve completeness in responses to concerns and inquiries from the Defense Nuclear Facilities Safety Board
- Reduce the number of Mine Safety and Health Administration citations, especially preventable repeat citations and substantial and significant citations

Objective Fee (Performance Based Incentives [PBI]) Criteria Summary Table

Metric	Title	Maximum Available Fee	Fee Earned
1	Ground Control Safety Factor Greater than 1.3 in Core Areas	\$1,981,600	\$1,925,926
2	Additional WIPP Underground Air Supply Ventilation Flow Rate	\$1,096,900	\$1,056,900
3	Panel 8 Mining (Tons of Salt Mined)	\$899,775	\$189,976
4	Progress on WIPP Line Item Capital Asset Projects	\$3,800,000	\$3,005,000
5	GPPs, Infrastructure Projects, & Major Maintenance Activities	\$2,349,100	\$2,121,977
6	Fire Safety Posture Improvements	\$150,000	\$150,000
7	Radiological Protection Improvements	\$376,625	\$376,625
8	TRU Waste Emplacement (Waste Columns Emplaced)	\$1,030,000	\$1,030,000
9	10 Additional Certified Waste Streams Ready for Shipment	\$816,000	\$816,000
10	Mining Methods for Future Drifts and Panels & RH capabilities	\$103,000	\$81,240
11	TRUPACT-III Readiness for Shipments	\$210,000	\$199,500
12	Improvements in Resolution of CBFO ICE Issues	\$150,000	\$96,000
Total	Maximum Available PBI Fee	\$12,963,000	\$11,049,144

Overall (Subjective and Objective) Fee Earned

PEMP Fee Type	Fee Amount/Range	Percent of Maximum Available Fee
Objective Criteria (PBI) Fee Earned	\$11,049,144	85.2
Subjective Criteria Award Fee Earned	\$3,289,791	76.1
TOTAL FEE EARNED	\$14,338,935	83