

DATE: January 9, 2025
TO: Jennifer Carr, Administrator
FROM: Christine Andres, Chief, Bureau of Federal Facilities
SUBJECT: Quarterly Report: October 1, 2024 to December 31, 2024

FEDERAL FACILITY AGREEMENT AND CONSENT ORDER

(FFACO) QUARTERLY REPORT

Industrial Sites Activity

At the end of December 2024, there were 1962 historical Corrective Action Sites (CASs) (out of 1970 total) that have been closed, with three (3) CASs in Corrective Action Unit (CAU) 114 and five (5) CASs in CAU 572, all of which continue to undergo active D&D work by the Department of Energy's Environmental Management Nevada Program (EM NV).

The Nevada Division of Environmental Protection Bureau of Federal Facilities' (NDEP or BFF) staff continued document reviews, Use-Restrictions reviews, and post-closure inspections for a number of closed Industrial Sites on the Nevada National Security Site (NNSS), as described below:

Document Reviews and Letters:

CAU 5 – Landfills – Following a site visit on December 7, 2023, BFF staff responded to a November 1, 2023, Draft *Notification of Unauthorized Activity in the Corrective Action Unit (CAU) 5, Landfills, Corrective Action Site (CAS) 23-15-03, Disposal Site, Use Restriction (UR)* with a comment letter, including follow-up questions, dated January 4, 2024. This letter also provided formal documentation for the site visit and meeting conducted on December 7, 2023. On January 24, 2024, BFF staff received a *Response to the Nevada Division of Environmental Protection (NDEP) Regarding Unauthorized Activity in the Corrective Action Unit (CAU) 5, Landfills, Corrective Action Site (CAS) 23-15-03, Disposal Site, Use Restriction (UR)* (Response). On February 21, 2024, a meeting to discuss the Response was held between BFF staff and DOE personnel and their contractors. On March 6, 2024, BFF responded to the Response to document the meeting held on February 21, 2024, and provide BFF's requests regarding the unauthorized activity at CAU 5. The BFF was notified in May that a corrective action would be undertaken to address the unauthorized activity and requested coordination of a site visit once the corrective action is complete. On August 26, 2024, BFF staff received the *Transmittal of Use Restriction (UR) Information for Corrective Action Unit (CAU) 5*, which detailed the modifications to the Use Restriction as discussed in the Response. In December 2024, BFF was given a current update on the corrective action progress being taken at CAU 5. It was known from the beginning that the corrective action would take some time to fully implement.

CAU 114 – Area 25 Engine Maintenance, Assemble, and Disassembly (EMAD) Facility – On November 28, 2023, the NNSA/NFO and EM self-reported a potential noncompliance with waste management activities at EMAD. Following several meetings in late 2023 and early 2024, and the issuance by NDEP of a *Warning Letter Regarding Waste Management Activities Performed by the Environmental Management Nevada Program (EM NP), Tennant Organization to the National Nuclear Security Administration Nevada Field Office (NNSA/NFO), and their Environmental Program Services Contractor (EPS), Navarro Research and Engineering (Navarro), at the Nevada National Security Sites (NNSS)* to EM NP on February 1, 2024, at a minimum, monthly meetings and/or site visits have been held in order to ensure all parties understand expectations, paths forward, application of regulations, etc. (see below). On September 26, 2024, NDEP and EM attended the Waste Recovery Activities Close Out Meeting where a presentation was given documenting how EM had addressed the above referenced NDEP Warning Letter. On October 7, 2024, NDEP received the *Response to Nevada Division of Environmental Protection (NDEP) on Discussion from the Waste Recovery Activities Close Out Meeting on September 26, 2024*, summarizing the meeting and documenting all activities in response to NDEP’s Warning Letter. BFF issued a response letter on October 29, 2024, acknowledging completion of the items identified in its February 1, 2024, Warning Letter.

On October 9, 2024, BFF staff received the *Notification of Activities within UR Areas at the NNSS – EMAD Facility*. On October 23, 2024, BFF responded to the *Notification of Activities within UR Areas at the NNSS – EMAD Facility*.

On December 23, 2024, BFF received the Submittal of the Draft SAFER Plan for CAU 114: Area 25 EMAD Facility, NNSS, Nevada, Revision 1, December 2024. A response letter will be issued next quarter.

CAU 572 - Test Cell C Ancillary Building and Structures (TCC) - On October 9, 2024, BFF staff received the *Notification of Activities within UR Areas at the NNSS – TCC*. On October 23, 2024, BFF responded to the *Notification of Activities within UR Areas at the NNSS – TCC*.

Meetings and Site Visits:

The monthly meetings to discuss CAU 114: EMAD and CAU 572: Test Cell C Ancillary Building and Structures (TCC) were held on October 10, 2024, and November 21, 2024.

On October 16, 2024, BFF staff attended a site tour of the NNSS with the new members of the Nevada Site Specific Advisory Board (NSSAB).

A monthly FFAO meeting is held between BFF and EM NV personnel to discuss any relevant topics and the status of correspondence. Meetings were held on October 10, November 7, and December 18, 2024.

On November 26, 2024, the BFF chief and staff accompanied DOE’s contractors to inspect the fire damage caused by a wildfire at the NNSS. They also visited an UGTA well site to observe work being done at the location.

On December 12, 2024, BFF staff participated in a follow-up to the quarterly RCRA Post Closure Inspection at the NNSS. CAU 90: Area 2 Bitcutter Containment site was also visited to observe and discuss a proposed change to the Use Restriction.

Soils Activity Sites

At the end of December 2019, all Soil CASs, a total of 144, had been closed.

Underground Test Area (UGTA) Activity

There are five (5) UGTA CAUs, all of which are either in the Corrective Action Decision Document/ Corrective Action Plan (Model Evaluation for UGTA sites) or in long-term monitoring during the Closure Stage. During this quarter, BFF staff participated in the process of document review, project evaluation, site visits, meetings and/or teleconferences for the UGTA Activity and CAUs 101 and 102 – Central and Western Pahute Mesa in the following ways:

BFF staff received the *Submittal of the Draft UGTA Activity Waste Management Plan, Revision 0, Including the Draft Fluid Management Plan for the UGTA Activity, Revision 0, October 2024*, on October 17, 2024. A comment letter was issued by BFF on December 18, 2024.

On December 5, 2024, BFF staff received the Submittal of the Draft UGTA *Sampling Plan for CAUs 101 and 102: Central and Western Pahute Mesa, NNSS, Nevada, Revision 2, November 2024*. A response letter will be issued next quarter.

On December 16, 2024, the BFF chief, supervisor and staff attended the Well Installation Presentation #4 for CAUs 101 and 102 – Central and Western Pahute Mesa. Later that day, BFF staff received the *Request for Notice of Completion on CAU 101: Central Pahute Mesa and CAU 102: Western Pahute Mesa Well Installation Presentation #4 Milestones*. A response letter will be issued next quarter.

Newer personnel have been reviewing various documents relating to CAUs 101 and 102 to better understand its historical complexities as it pertains to UGTA activity. The documents reviewed include the *Phase II Corrective Action Investigation Plan for Corrective Action Units 101 and 102: Central and Western Pahute Mesa, Nevada Test Site, Nye County, Nevada and the Groundwater Flow and Contaminant Transport Model of Corrective Action Units 101 and 102: Central and Western Pahute Mesa, Nye County, Nevada*.

Nevada Off-Sites and the Tonopah Test Range

There are four (4) Nevada Off-Sites CAUs, two (2) Surface CAUs (CAU 416 and 417) and two (2) Subsurface CAUs (CAU 443 and 447). CAU 416 has been clean closed. CAU 417 is in Post-Closure Monitoring. CAUs 443 and 447 are in the Closure Stage. On September 30, 2020, the Office of Legacy Management (LM) assumed responsibility for the long-term surveillance and maintenance of the Tonopah Test Range (TTR) FFACO sites. NDEP activities for the TTR sites are reported under this Section.

Tonopah Test Range – On April 25, 2024, BFF received the *Draft Post-Closure Inspection Report for the Tonopah Test Range and Nevada Test and Training Range, Nevada, Sites for Calendar Year 2023*. On May 29, 2024, BFF issued a response letter with comments. During a Shoal site visit on June 5, 2024, BFF and LM discussed the comment responses in person. BFF received the Record of Review Form for *Comment Responses to NDEP Comments on the 2023 Draft TTR and NTTR Postclosure Inspection Report* on August 2, 2024. On August 5, 2024, BFF issued the signed Record of Review Form accepting the comment responses. BFF received the *Final Postclosure Inspection Report for the Tonopah Test Range and Nevada Test and Training Range, Nevada, Sites for Calendar Year 2023* on September 29, 2024. On October 7, 2024, BFF responded to the *Submittal of Final Postclosure Inspection Report for the Tonopah Test Range and Nevada Test and Training Range, NV, Sites for Calendar Year 2023* with additional comments. On October 31, 2024, BFF received the *Submittal of Final Postclosure Inspection Report for the Tonopah Test Range and Nevada Training Range, Nevada, Sites for Calendar Year 2023*, which also rescinded the previous Final Postclosure Inspection Report received on September 29, 2024. On November 12, 2024, BFF issued a letter *accepting and approving the Final Report*. On November 12, 2024, BFF staff also issued an acknowledgement letter for the rescinded version of the *Final Postclosure Inspection Report*.

BFF received the *Standardized Federal Facility Agreement and Consent Order Outline, Postclosure Inspection Report for the Tonopah Test Range and Nevada Test and Training Range (NTTR), Revision 2* on September 29, 2024. Revision 2 of the outline incorporates previous NDEP suggestions and comments. A response letter was issued on October 15, 2024, approving the outline.

Site Visits/Inspections:

On October 23, 2024, BFF chief, supervisor, and staff participated in a virtual meeting to discuss documents for the Tonopah Test Range and well sampling at the Project Shoal Area site.

General FFACO Business:

Informal UGTA Discussion Meetings – A practice was begun in the beginning of 2022 of holding an “informal” Teams meeting with EM NV, Navarro, DRI and BFF staff about every six weeks to discuss present and upcoming UGTA documents or activities or any other outstanding UGTA subjects. This quarter’s meeting was held on October 23, 2024.

Federal Facility Agreement and Consent Order (FFACO) - On December 12, 2024, BFF staff received the *Federal Facility Agreement and Consent Order (FFACO), November 2024 Appendices Update*.

Use Restrictions (URs) and General FFACO Work – Several quarters ago, a proposal was made by EM NV staff to hold monthly meetings to discuss the ongoing project of updating URs. This quarter there were two meetings held on November 21, 2024, and December 18, 2024. Throughout this quarter, BFF staff have reviewed updated URs submitted by the EM NV. Comments are offered when necessary. The Use Restriction Management Plan (URMP) will be periodically revised by the EM NV to add updated NDEP-accepted URs.

Use Restriction Management Plan - On October 3, 2024, BFF issued a response letter to the *Submittal of the ROTCs for CAUs 111, 207, and 577*. On October 7, 2024, BFF staff received the *Submittal of the*

Records of Technical Change (ROTCs) for Corrective Action Units (CAUs) 528 and 543 in Support of the Use Restriction (UR) Update Effort. A response letter was issued on October 7, 2024. On October 10, 2024, BFF staff received the *Submittal of the Records of Technical Change (ROTCs) for Corrective Action Units (CAUs) 110 and 112 in Support of the Use Restriction (UR) Update Effort.* A response letter was issued on October 14, 2024. On October 30, 2024, BFF staff received the *Submittal of the Records of Technical Change (ROTCs) for Corrective Action Units (CAUs) 168, 204, and 576 in Support of the Use Restriction (UR) Update Effort.* A response letter was issued on October 31, 2024. Also on October 30, 2024, BFF staff received the *Submittal of the Records of Technical Change (ROTCs) for Corrective Action Units (CAUs) 357, 370, 542, and 546 in Support of the Use Restriction (UR) Update Effort.* A response letter was issued on October 31, 2024.

FFACO Transition – As the active investigation/remediation work under the FFACO nears completion, the Department of Energy (DOE) and NDEP have undertaken the FFACO Transition Project to ensure that any future steward of the NNSS will be aware of all post-closure monitoring requirements on the NNSS by the addition of Appendix VII to the FFACO. The Bureau Chief represents NDEP on this working group. On February 22, 2024, the *Final Agreement to Modify the Federal Facility Agreement and Consent Order (FFACO) (Agreement)* was emailed to all Signatory Agencies, and it remains with the last Agency for signature.

Affirmation Forms – As the active investigation/remediation work under the FFACO nears completion, in addition to the FFACO Transition project, a Closure Affirmation Form project was undertaken by EM NV and Navarro to ensure that the documentation for the closure of each CAU identified in the FFACO, inclusive of its associated corrective action sites, is complete in accordance with FFACO standards. Each Closure Affirmation Form requires acceptance through signature by the Bureau Chief. This project is slated to be completed by the end of June 2025.

File Management – This quarter, staff have continued to organize, scan for electronic storage, and document files for FFACO sites.

Miscellaneous:

The chief, and in her absence the supervisor, participated in monthly NDEP Attorney General staff meetings, bi-weekly Division-Wide Chief's Staff Meetings and bi-weekly meetings with the Deputy Administrator either in person or via virtual meetings in October, November, and December 2024.

During this quarter, the bureau chief attended or participated virtually in: (1) numerous calls, meetings and/or webinars as a member of the NGA's Federal Facilities Task Force (FFTF), the State, Tribal, Government Working Group (STGWG), the Environmental Council of States (ECOS) and/or the Combined Intergovernmental Working Group (CIWG) Planning Committee; (2) a meeting with the Department's Public Information Officer; (3) a Nevada Site-Specific Advisory Board member orientation meeting; (4) a virtual meeting with ECOS Federal Facilities Forum members; (5) regular bureau staff meetings and meetings with individual staff; (6) the quarterly Low-Level Waste Stakeholders meeting; (7) two meetings with NDEP's fiscal staff; (8) a NDEP document management planning meeting; (9) NDEP's Safety and Awareness Day; (10) the Annual DOE's weeklong Intergovernmental Meeting; (11) a virtual meeting with the federal Government Accountability Office.

Tribal Interaction – During several virtual and in-person meetings this quarter with the State, Tribal, Government Working Group, the bureau chief interacted with a number of Tribes throughout the United States who have ties to the actions of the Department of Energy.

Staff Training:

BFF staff completed the following:

- Field Staff Awareness and Safety Training on November 19, 2024
- McCoy and Associates Las Vegas 5-Day RCRA Seminar from December 9 to December 12, 2024

The BFF Supervisor attended:

- Nevada Certified Public Manager Classes on October 1 – 3, 2024, and November 19, 2024
- 2025 KnowBe4 Security Awareness Training

Agreement in Principle (AIP) Functional Areas Summary – Grant #DE-EM0005237 0003

1. On-Site Discharges - Water Pollution Control

Document Reviews and Site Inspections:

Water Pollution Control Permit GNEV93001 – The Nevada Division of Environmental Protection’s (NDEP) Bureau of Federal Facilities (BFF) staff received the *Discharge Monitoring Report for Nevada National Security Site Sewage Ponds, Water Pollution Control Permit GNEV93001, July 1, 2024, through September 30, 2024*, on October 22, 2024. BFF staff reviewed the report and sent a response letter to the National Nuclear Security Administration/Nevada Field Office (NNSA/NFO) on October 29, 2024, acknowledging the limits set forth in the permit had been met for the quarter.

Water Pollution Control Permit GNEV96021 – BFF staff received the *E-Tunnel Wastewater Discharge Permit Quarterly Monitoring Report for Third Quarter 2024 for Permit NEV96021* on October 22, 2024. BFF staff reviewed the report and sent a response letter to the NNSA/NFO on October 29, 2024, acknowledging the limits set forth in the permit had been met for the quarter.

Spill Report Number 240729-02 – BFF staff received Spill Report Number 240729-02 on July 29, 2024. The *Nevada Division of Environmental Protection Spill Report #240729-02* letter was sent to National Nuclear Security Administration/Sandia Field Office (NNSA/SFO) on July 30, 2024, requesting additional information about the spill and clarification about the spill date. The BFF received the *National Technology and Engineering Solutions of Sandia, LLC (NTESS) - Sandia National Laboratories (SNL)/Tonopah Test Range (TTR), Thirty-Day Follow-up Report for the JP-10 Jet Fuel Release at TTR Antelope Lake* on August 20, 2024. The Report stated that additional sampling was required and would be submitted to NDEP as an addendum. A response letter was sent to NNSA/SFO on September 4, 2024, acknowledging the additional sampling and asking for clarification on the spill date. BFF staff received the *Addendum to National Technology and Engineering Solutions of Sandia, LLC (NTESS) - Sandia National Laboratories (SNL)/Tonopah Test Range (TTR), Thirty-Day Follow-up Report for the JP-10 Jet Fuel Release at TTR Antelope Lake* and the *Second Addendum to National Technology and Engineering Solutions of Sandia, LLC (NTESS) - Sandia National Laboratories (SNL)/Tonopah Test Range (TTR), Thirty-Day Follow-up Report for the JP-10 Jet Fuel Release at TTR Antelope Lake* on September 19, 2024. The first addendum included sampling results and addressed a need for additional sampling, while the second addendum clarified the spill date. BFF staff contacted the NTESS staff on December 16, 2024, to inquire about the additional testing results. NTESS staff informed BFF that the additional sampling results were currently going through review and would be sent out soon. BFF staff will issue a response once all sampling has been completed.

Septic Tank Closure Plan – BFF staff received the *Nevada National Security Site Nevada Field Office (NNSA/NFO), Septic Tank Closure Plan* on November 12, 2024. On November 26, 2024, BFF staff received a new submittal for the Septic Tank Closure Plan and a request to replace the earlier version due to an issue with the signature. BFF will issue a response early next quarter.

Meetings and Site Visits:

The quarterly water meeting was held on October 15, 2024.

2. Ground Water Monitoring

There was no activity in this category during this quarter.

3. Air Quality Monitoring

There was no activity in this category during this quarter.

4. Low-Level and Mixed Low-Level Waste Oversight

Conference Calls:

Staff participated in weekly Waste Acceptance Review Panel (WARP) meetings via teleconference during October, November, and December 2024. Review panel members discussed waste profile comments and waste-specific compliance issues for generator-submitted low-level radioactive (LLW) and mixed low-level radioactive (MLLW) waste profiles, along with Pre-Treatment Notifications, as they pertain to Nevada National Security Site Waste Acceptance Criteria (NSSWAC), DOE/NV--325-22-00, which became effective a February 29, 2024. As applicable, BFF staff reviewed and provided comments on LLW, MLLW, classified non-radiological non-hazardous, and classified radiological hazardous waste profiles and reviewed all comment responses submitted by the currently approved waste generators.

Documents Reviewed/Letters Issued:

Environmental Management (EM) Nevada Program Independent Assessment of the Navarro Environmental Program (EPS) Waste Certification Program (WCP) Assessment (A-3434), received October 2, 2024.

Reinstatement and Approval of Suspended Profile BXT000000028, Rev. 00, (Reference FP1-24-002-BWXT and ADT-24-008-BWXT), received on October 2, 2024.

Perma-Fix Environmental Services, Inc. (Perma-Fix) Waste Certification Program (WCP) Audit Report, ADT-24-005-PERM, received on October 7, 2024.

U.S. Department of Energy Releases Environmental Assessment, Analyzing DOME Test Bed at Idaho National Laboratory, received October 8, 2024.

West Valley Demonstration Project (WVDP) Waste Certification Program (WCP) Audit Report, ADT-24-007-WVDP, received on October 17, 2024.

Radioactive Waste Acceptance Program (RWAP) Audit of Energy Solutions – Bear Creek Processing Facility (ES) Waste Certification Program (WCP), Audit No. ADT-25-001-DRTK, received on October 21, 2024.

Perma-Fix Environmental Services, Inc. (Perma-Fix) Waste Certification Program (WCP) Surveillance Report, SRV-24-048-PERM, received on October 29, 2024.

Issuance of Navarro Environmental Program Services (NEPS) Waste Certification Program (WCP) Suspension Associated with Issues Related to Low-Level Radioactive Waste Profiles LITN000000015, July 25, 2023, Polychlorinated Biphenyl (PCB) Bulk Product Low-Level Waste (LLW) and LITN000000016, Revision 0, September 13, 2023, Asbestos-Contaminated Low-Level Waste (ALLW), received on November 27, 2024.

Depleted Uranium Hexafluoride (DUF6) Conversion Project Waste Certification Program (WCP) Audit Report, ADT-25-003-DUF6, received on November 27, 2024.

Lawrence Livermore National Laboratory (LLNL) Waste Certification Program (WCP) Surveillance Report, SRV-25-001-BCLA, received on November 27, 2024.

Profiles Reviewed:

BFF staff reviewed a total of eight (8) waste profiles and one (1) pre-treatment notification this quarter. Three (3) profiles were strictly for LLW requiring disposal in Department of Energy (DOE) Order 435.1 LLW landfills. Five (5) profiles were strictly MLLW requiring disposal in the NDEP permitted RCRA cell.

Meetings:

BFF staff participated in DOE's quarterly LLW Stakeholder's Meeting on August 15, 2024, in Las Vegas, NV.

Waste Generator Suspensions:

There is currently one (1) waste generator suspension.

Active Profiles:

There are currently 195 active profiles, comprised of 48 Mixed LLW/Hazardous non-rad profiles, 25 LLW/Non-Rad Solid Waste profiles and 122 LLW profiles.

Suspended Profiles:

There are currently six (6) profiles under suspension.

Site Visits/Radioactive Waste Generator Facility Evaluations:

The Radioactive Waste Acceptance Program (RWAP) conducted six (6) surveillances, two (2) audits, and no split sampling events this quarter. NDEP participated in one (1) surveillance, and one (1) audit this quarter as described in the sections below.

Surveillances:

Lawrence Livermore National Lab - Livermore, CA - During the week of October 12, 2024, BFF personnel, along with staff from the EM NV contractor, participated in the surveillance of this waste generator. The surveillance was scheduled for DOE to verify programmatic and performance-based compliance to the NNSSWAC (DOE/NV--325-22-00). RWAP members completed checklists specific to the elements being evaluated by conducting interviews, reviewing procedures and conducting field inspections. NDEP personnel were provided access to interviews, procedures and field inspections when requested. No findings and one (1) observation were issued by EM NV as a result of the surveillance.

Audits:

Depleted Uranium Hexafluoride Conversion Project (DUF6-Paducah), Paducah, KT - During the week of November 4, 2024, BFF personnel, along with staff from the EM NV contractor, participated in the audit of this waste generator. The audit was scheduled for DOE to verify programmatic and performance-based compliance with the NNSSWAC (DOE/NV--325-22-00). RWAP members completed checklists specific to the elements being evaluated by conducting interviews, reviewing procedures and conducting field inspections. NDEP personnel were provided access to interviews, procedures and field inspections when requested. One (1) Priority II finding and two (2) observations were issued by EM NV as a result of the audit.

5. Waste Management

Documents Reviewed/Letters Issued:

BFF staff reviewed the following documents and/or issued the following letters or reports during this quarter:

An Area 9 Solid Waste Disposal Site (SWDS) Comprehensive Environmental Inspection (CEI) Document Review Meeting, September 4, 2024, was received on September 19, 2024. The BFF issued a response on October 10, 2024.

A Request to Transport Asbestos Waste for Disposal – Nevada National Security Site (NNSS); July 1, 2024, to December 31, 2024, was received on October 2, 2024. The BFF issued a response on October 3, 2024.

A Waste Volume Report for the Area 3 Radioactive Waste Management Site and for the Area 5 Radioactive Waste Management Complex at the Nevada National Security Site for Fiscal Year 2024 was received on October 7, 2024.

A Nevada National Security Site (NNSS) Quarterly Hazardous Waste Volume Report and Fee: Third Quarter Calendar Year 2024 was received on October 8, 2024.

A Nevada National Security Site (NNSS) Area 23 Solid Waste Disposal Site (SWDS) SW 13 097 04 Revision 7, Friable and Non-Friable Asbestos Summary Report, September 2024, dated October 9, 2024, was received on October 14, 2024. The BFF issued a response on October 21, 2024.

A Nevada National Security Site (NNSS) Area 9 Solid Waste Disposal Site (SWDS) Permit SW 13 097 03 Revision 13, Friable and Non-Friable Asbestos Report, September 2024, dated October 9, 2024, was received on October 14, 2024. The BFF issued a response on October 30, 2024.

A Nevada National Security Site (NNSS) Area 5 Asbestos Waste Disposal Report for Third Quarter of Calendar Year (CY) 2024 for Permit HW0101, dated October 17, 2024, was received on October 21, 2024. The BFF issued a response on October 23, 2024.

A Nevada National Security Site (NNSS) Area 5 Asbestos Waste Disposal Report for Third Quarter of Calendar Year (CY) 2024 for Permit SW532, dated October 17, 2024, was received on October 21, 2024. The BFF issued a response on October 23, 2024.

A Nevada National Security Site (NNSS) Area 23 Solid Waste Disposal Site (SWDS) SW 13 097 04 Revision 7, Friable and Non-Friable Asbestos Summary Report, October 2024, dated November 12, 2024, was received on November 14, 2024. The BFF issued a response on November 21, 2024.

A Nevada National Security Site (NNSS) Area 9 Solid Waste Disposal Site (SWDS) Permit SW 13 097 03 Revision 13, Friable and Non-Friable Asbestos Report, October 2024, dated November 13, 2024, was received on November 14, 2024. The BFF issued a response on December 18, 2024.

An Application for Modification of Area 6 Solid Waste Disposal Site (SWDS), Permit Number SW 13 097 02, was received on November 12, 2024. The BFF issued a response on November 21, 2024, approving the modification.

An Application for Modification of Area 9 Solid Waste Disposal Site (SWDS), Permit Number SW 13 097 03, was received on November 12, 2024. The BFF issued a response on November 25, 2024, approving the modification.

An Application for Modification of Area 23 Solid Waste Disposal Site (SWDS), Permit Number SW 13 097 04, was received on November 12, 2024. The BFF issued a response on November 21, 2024, approving the modification.

An Application for Modification of Area 5 Solid Waste Disposal Site (SWDS), Permit Number SW 532, was received on November 15, 2024. The BFF issued a response on November 25, 2024, approving the modification.

Quarter 4 Post-Closure Inspection Results for RCRA NEV HW0101 and SWDS SW 532 Permits were received on November 21, 2024.

A Nevada National Security Site (NNSS) Area 9 Solid Waste Disposal Site (SWDS) Permit SW 13 097 03 Revision 14, Friable and Non-Friable Asbestos Report, November 2024, dated December 10, 2024, was received on December 11, 2024. The BFF issued a response on December 18, 2024.

A Nevada National Security Site (NNSS) Area 23 Solid Waste Disposal Site (SWDS) SW 13 097 04 Revision 8, Friable and Non-Friable Asbestos Summary Report, November 2024, dated December 10, 2024, was received on December 11, 2024. The BFF issued a response on December 18, 2024.

Site Visits/Inspections:

BFF staff conducted the annual Compliance Evaluation Inspection for the Area 9 Class III Solid Waste Disposal Site Permit No. SW 13 097 03 on October 8, 2024, with MSTs and NNSA/NFO personnel in attendance. BFF staff requested, through a letter dated July 22, 2024, required documentation (Bill of Lading/Load Verification documentation, Landfill Daily Access Registers, Inspection Checklists, and Training Records) from MSTs to prepare for the inspection. The requested records were received and reviewed by BFF staff prior to the October 8, 2024, inspection. BFF issued the *2024 Annual Solid Waste Disposal Site Compliance Evaluation Inspection at the Nevada National Security Site Report – Area 9, Permit SW 13 097 03*, on October 29, 2024.

BFF staff conducted the annual Compliance Evaluation Inspection for the Area 6 Class III Solid Waste Disposal Site Permit No. SW 13 097 02 on October 8, 2024, with MSTs and NNSA/NFO personnel in attendance. BFF staff requested, through a letter dated July 22, 2024, required documentation (Bill of Lading/Load Verification documentation, Landfill Daily Access Registers, Inspection Checklists, and Training Records) from MSTs to prepare for the inspection. The requested records were received and reviewed by BFF staff prior to the October 8, 2024, inspection. BFF issued the *2024 Annual Solid Waste Disposal Site Compliance Evaluation Inspection at the Nevada National Security Site Report – Area 6, Permit SW 13 097 02*, on October 29, 2024.

BFF staff visited the NNSS to observe the full process of waste disposal in a SWDS, including waste generation and load form documentation, at the Area 9 U10C SWDS on October 29, 2024.

BFF staff conducted the annual Compliance Evaluation Inspection for permitted units covered under RCRA Permit NEV HW0101 at the NNSS on November 12, 13, and 14, 2024, with MSTs and NNSA/NFO personnel in attendance. BFF staff requested, through a letter dated September 26, 2024, required documentation (daily/weekly/monthly inspection checklists, training records, and manifests) from MSTs to prepare for the inspection. The requested records were received and reviewed by BFF staff prior to the November 12, 2024, inspection. BFF issued the *2024 Annual Inspection Report and Permit Compliance Determination of the RCRA Permitted Units at the Nevada National Security Site* on December 23, 2024.

BFF staff visited the NNSS to review the results of the Fourth Quarter Post-Closure Inspections for RCRA Permit NEV HW0101 on December 17, 2024.

Conference Calls/Meetings:

During a site visit on October 29, 2024, BFF staff met informally with MSTs to discuss an inconsistency found in the friable and non-friable asbestos reports sent for the month of September for the Area 9 U10C SWDS. The cover letter stated that there was no non-friable asbestos waste disposed of in the SWDS. However, non-friable asbestos was marked under the “Asbestos waste accepted at the Area 23 and Area 9 SWDSs” section of the load form. MSTs clarified that the marking had been done in error and was the result of a one-time mistake with a pre-filled document that had both friable and non-friable asbestos marked. Additionally, it was confirmed that the inconsistency had been noticed by the SWDS operators prior to the waste being disposed of and that the waste was re-verified before disposal.

The BFF supervisor and staff attended the 2024 Low-Level Radioactive Waste Forum in Reno, NV from October 9 – 10, 2024.

6. Major Program Proposals

There was no activity in this category during this quarter.

7. Historic Preservation

Funding has been provided to the SHPO for historic reviews at DOE and/or the NNSS during the year.

8. Environmental Monitoring Program and Report

There was no activity in this category during this quarter.

9. Sampling

No sampling activities were conducted by the Bureau during this quarter.

10. Safe Drinking Water

Document Reviews and Site Inspections

The BFF was copied on the following BSDW reports submitted by NNSA/NFO contractors. BFF reviewed the reports referenced below, had no comments, and filed appropriately.

- a. PWS NV0000360 3rd Quarter 2024 Disinfectant Residual Report
- b. September 2024 Coliform Results NNSW Water Trucks 84846 & 84847
- c. October 2024 Coliform Results PWS NV0000360, NV0004098 and Water Truck 84847
- d. October 2024 NNSW Water Hauling Coliform Results for Water Trucks 84846 and 84847

- e. November 2024 Coliform Results NNSS PWS NV0000360, NV0004098 & Water Truck 84846 and 84847
- f. November 2024 Coliform Results NNSS Water Hauling Plan
- g. December 2024 NNSS Coliform Results PWS NV0000360, NV0004098, NV0004099 and Water Truck 84846

BFF staff received *Public Water System NV0000360 Lead Service Lines Inventory* on October 2, 2024.

BFF staff received the *Response to 2022 Sanitary Survey of NNSS A25 (NV0004098); Rejoinder to NDEP 2023 Response Comments*, on September 26, 2024. BFF issued a response on October 3, 2024, officially closing the last deficiency from the 2022 Sanitary Survey.

BFF staff received the *Nevada National Security Site Nevada Field Office (NNSA/NFO) Area 23 and 6 Public Water System NV0000360 Improvement Project, Plan Review Number (NY-0007181-23) CP Hill to Fire Station #2 Water Infrastructure, Completion Report* on November 4, 2024.

Meetings:

The quarterly water meeting was held on October 15, 2024.

Fiscal Analysis:

Estimate of personnel resources used (FTE or hours)

The bureau of Federal Facilities is made up of a Bureau Chief, one supervisor, one subject matter expert (vacant for the quarter), three technical staff (one vacant for the last month of the quarter) and an administrative assistant. The AIP grant funds activities for each of these individuals. For the quarter, that represents approximately 4.0 FTEs based on a review of grant-related activities.

Total expenditures for each task area

A total of approximately \$133,652.86 was spent during this quarter for AIP work. This most current figure available at this time includes operating, information services, and purchasing costs. It does not include personnel costs.

Comparison of estimate to budgeted expenses:

Expenses this quarter were within the legislatively approved spending limits.

Miscellaneous:

The chief, and in her absence the supervisor, participated in monthly NDEP Attorney General staff meetings, bi-weekly Division-Wide Chief's Staff Meetings and bi-weekly meetings with the

Deputy Administrator either in person or via virtual meetings in October, November, and December 2024.

During this quarter, the bureau chief attended or participated virtually in: (1) numerous calls, meetings and/or webinars as a member of the NGA's Federal Facilities Task Force (FFTF), the State, Tribal, Government Working Group (STGWG), the Environmental Council of States (ECOS) and/or the Combined Intergovernmental Working Group (CIWG) Planning Committee; (2) a meeting with the Department's Public Information Officer; (3) a Nevada Site-Specific Advisory Board member orientation meeting; (4) a virtual meeting with ECOS Federal Facilities Forum members; (5) regular bureau staff meetings and meetings with individual staff; (6) the quarterly Low-Level Waste Stakeholders meeting; (7) two meetings with NDEP's fiscal staff; (8) a NDEP document management planning meeting; (9) NDEP's Safety and Awareness Day; (10) the Annual DOE's weeklong Intergovernmental Meeting; (11) a virtual meeting with the federal Government Accountability Office.

Tribal Interaction – During several virtual and in-person meetings this quarter with the State, Tribal, Government Working Group, the bureau chief interacted with a number of Tribes throughout the United States who have ties to the actions of the Department of Energy.

Staff Training:

BFF staff completed the following:

- Field Staff Awareness and Safety Training on November 19, 2024
- McCoy and Associates Las Vegas 5-Day RCRA Seminar from December 9 to December 12, 2024

The BFF Supervisor attended:

- Nevada Certified Public Manager Classes on October 1 – 3, 2024, and November 19, 2024
- 2025 KnowBe4 Security Awareness Training