National Aeronautics and
Space Administration

Lyndon B. Johnson Space Center
White Sands Test Facility
P.O. Box 20
Las Cruces, NM 88004-0020

November 25, 2025

Reply to Attn of: RE-25-129

Mr. JohnDavid Nance, Bureau Chief
New Mexico Environment Department
Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505

Subject: NASA White Sands Test Facility (WSTF) Quarterly Environmental Activity Report for Third Quarter 2025

Enclosed is the NASA White Sands Test Facility (WSTF) Quarterly Environmental Activity Report for Third Quarter 2025. This reporting format includes an Executive Summary that provides important events/observations as Enclosure 1, a paper copy of the report as Enclosure 2, and a CD-ROM with the report in PDF as Enclosure 3.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions or comments concerning this submittal, please contact me at 575-524-5460.

Amanda Skarsgard

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Date: 2025.11.25 08:53:45 -07'00'

Amanda G. Skarsgard
Environmental Compliance Manager

3 Enclosures

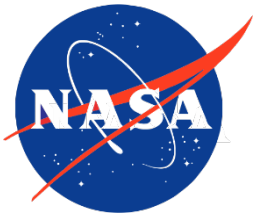
cc:
Ms. Melissa Milner
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505

Executive Summary

The following summarizes important information associated with NASA White Sands Test Facility (WSTF) environmental program activities in the third quarter (July – September) of 2025:

- NASA completed shipments of hazardous, medical/infectious, and asbestos waste in July 2025, shipments of hazardous waste and used oil/filters in August 2025, and shipments of hazardous, and universal waste and scrap CRT monitors in September 2025.
- NASA sampled 35 of 36 groundwater monitoring wells scheduled for July 2025, 32 of 32 wells scheduled for August 2025, and 37 of 37 wells scheduled for September 2025. NASA scheduled 43 groundwater monitoring wells for sampling in October 2025.
- NASA operated the MPITS and PFTS for 18 and 29 days in July 2025, 19 and 31 days in August 2025, and 18 and 28 days in September 2025, respectively.
- NASA completed MPITS upgrades and initiated groundwater extraction at former Mid-plume Exploration Wells MPE-3 and MPE-4. Contaminated groundwater is being transported to and treated at the MPITS.
- NASA prepared a risk screen evaluation for SMWUs 3, 15, and 19.
- NASA submitted 13 documents to the NMED Hazardous Waste Bureau in the third quarter of 2025.
- There were no reportable non-compliance issues in July, August, or September 2025.

National Aeronautics and Space Administration



Quarterly Environmental Activity Report

Third Quarter 2025

NM8800019434

Report Deadline: October 15, 2025

NASA Johnson Space Center White Sands Test Facility
Quarterly Environmental Activity Report

Third Quarter 2025

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Amanda Skarsgard Digitally signed by Amanda Skarsgard Date: 2025.11.25 08:54:20 -07'00'

Amanda G. Skarsgard
Environmental Compliance Manager

See Electronic Signature

Date

National Aeronautics and Space Administration

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Executive Summary

The following summarizes important information associated with NASA White Sands Test Facility (WSTF) environmental program activities in the third quarter (July – September) of 2025:

- NASA completed shipments of hazardous, medical/infectious, and asbestos waste in July 2025, shipments of hazardous waste and used oil/filters in August 2025, and shipments of hazardous, and universal waste and scrap CRT monitors in September 2025.
- NASA sampled 35 of 36 groundwater monitoring wells scheduled for July 2025, 32 of 32 wells scheduled for August 2025, and 37 of 37 wells scheduled for September 2025. NASA scheduled 43 groundwater monitoring wells for sampling in October 2025.
- NASA operated the MPITS and PFTS for 18 and 29 days in July 2025, 19 and 31 days in August 2025, and 18 and 28 days in September 2025, respectively.
- NASA completed MPITS upgrades and initiated groundwater extraction at former Mid-plume Exploration Wells MPE-3 and MPE-4. Contaminated groundwater is being transported to and treated at the MPITS.
- NASA prepared a risk screen evaluation for SMWUs 3, 15, and 19.
- NASA submitted 13 documents to the NMED Hazardous Waste Bureau in the third quarter of 2025.
- There were no reportable non-compliance issues in July, August, or September 2025.

1.0 Waste Management Activities

1.1 NASA completed the following waste shipments in the third quarter of 2025.

Date	Shipped To	Type of Waste	No. of Containers	Amount of Waste
7/17/25	ACT Albuquerque, NM	Hazardous (Lab Pack)	1	3 kg
7/17/25	Veolia, Henderson, CO	Hazardous (Lab Pack)	10	176 kg
7/17/25	US Ecology, Beatty, NV	Hazardous (Waste Cutting Fluids)	2	54 kg
7/17/25	Clean Harbors, Aragonite, UT	Hazardous (Fuel Waste)	1	334 kg
7/25/25	Stericycle, El Paso, TX	Medical/Infectious	1	5 kg
7/25/25	SCSWA Corralitos Landfill, Las Cruces, NM	Asbestos Containing Material	1	100 linear feet of AC pipe
8/21/25	Veolia, Henderson, CO	Hazardous (Lab Pack)	8	264 kg
8/21/25	US Ecology, Beatty, NV	Hazardous (Contaminated Debris)	5	2,936 kg
8/21/25	ACT Albuquerque, NM	Hazardous (Fuel Waste)	1	101 kg
8/21/25	Mesa Oil, Belen, NM	Used Oil Filters	4	265 kg
8/21/25	Mesa Oil, Belen, NM	Used Oil	16	2920 kg
9/18/25	Veolia, Henderson, CO	Hazardous (Lab Pack)	5	83 kg
9/18/25	US Ecology, Beatty, NV	Hazardous (IDW-contaminated Debris)	7	438 kg
9/18/25	Veolia, Phoenix, AZ	Universal	8	438 kg
9/18/25	Clean Harbors, Aragonite, UT	Hazardous (Fuel Waste)	3	3,297 kg
9/18/25	Clean Harbors, El Dorado, AR	Hazardous (Fuel Waste)	1	1,048 kg
9/18/25	US Ecology, Beatty, NV	Hazardous (Oxidizer-contaminated Debris)	2	21 kg

Date	Shipped To	Type of Waste	No. of Containers	Amount of Waste
9/25/25	Retire IT, Regency, Phoenix, AZ	Scrap CRT Monitors	2	30 units on 2 pallets

2.0 Environmental Monitoring

2.1 NASA performed sampling at 35 of 36 groundwater monitoring wells and zones scheduled for sampling in July 2025, 32 of 32 wells and zones in August 2025, and 37 of 37 wells and zones in September 2025 in accordance with the approved Groundwater Monitoring Plan. In July 2025, NASA was unable to sample well 600A-003-GW, because there was inadequate groundwater in the well to provide representative samples. Previous deviations from the planned sampling schedule are described below and have been reported to NMED in previous quarterly reports:

- Wells BLM-1-435 (scheduled for sampling in April 2021) and PL-3-453 (scheduled for sampling in December 2020) have not been sampled because the water levels are not sufficient for sampling. NASA expects to abandon and replace wells BLM-1-435 and PL-3-453 in accordance with NMED-approved work plans.

2.2 NASA performed other regulatory groundwater sampling requirements as scheduled and as allowed by operational status.

2.3 NASA developed the October 2025 groundwater sampling schedule and plans to sample 43 groundwater monitoring wells or zones based on GMP requirements.

3.0 Corrective Actions/Investigations

3.1 MPITS Upgrades

In the *Remediation System Monitoring Plan Annual Update for 2024*, submitted on July 23, 2024 and approved by NMED on December 30, 2024, NASA informed NMED of the intent to activate former exploration wells MPE-3 and MPE-4 and incorporate them into the MPITS. In that monitoring plan, NASA indicated that well activation was expected in January 2025. NASA initiated the project to activate these two wells in the first quarter of 2025 and reported in the first quarterly report that most of the materials and equipment required to complete the project had been acquired. The remaining required equipment (pumps, motors, and surface equipment) was delivered to WSTF in April 2025. During May and June 2025, NASA assembled all downhole components, constructed the solar panels to provide electrical power, installed and tested all pumping equipment, and configured and tested flow meters and automatic shutoff devices. NASA mobilized portable tanker trailers to the two wells and initiated daytime pumping in July 2025.

3.2 Mid-plume Interception and Treatment System Operations

Month	Days Operated	Average Flow Rate (gpm)	Volume Extracted and Treated (acre-feet)	Volume Extracted from MPE-3/4 and Treated (acre-feet)	Volume of Groundwater Discharged to Infiltration Basin (acre-feet)	Volume of IDW Treated and Discharged to the Infiltration Basin (gallons)
Jul-25	18 of 31	8.4	0.49	0.057	0.58	218
Aug-25	19 of 31	7.9	0.49	0.20	0.72	55
Sep-25	18 of 30	8.0	0.55	0.19	0.75	55

Shutdown Date	Restart Date	Shutdown Status	Discussion
6/30/25	7/1/25	Unplanned	The system shut down automatically because of a disruption in the electrical power supply.
7/3/25	7/7/25	Planned	The system was shut down to allow aquifer levels to recover over the weekend.
7/10/25	7/14/25	Planned	The system was shut down to allow aquifer levels to recover over the weekend.
7/15/25	7/17/25	Unplanned	The system shut down automatically because of a failed UV reactor water level sensor.
7/17/25	7/21/25	Planned	The system was shut down to allow aquifer levels to recover over the weekend.
7/24/25	7/28/25	Planned	The system was shut down to allow aquifer levels to recover over the weekend.
8/1/25	8/4/25	Planned	The system was shut down to allow aquifer levels to recover over the weekend.
8/7/25	8/11/25	Planned	The system was shut down to allow aquifer levels to recover over the weekend.
8/12/25	8/12/25	Planned	The system was shut down to repair a failed communication switch.
8/15/25	8/17/25	Unplanned	The system was shut down to allow aquifer levels to recover over the weekend.
8/21/25	8/25/25	Planned	The system was shut down to allow aquifer levels to recover over the weekend.
8/29/25	9/2/25	Planned	The system was shut down to allow aquifer levels to recover over the weekend.
8/29/25	9/2/25	Planned	The system was shut down to allow aquifer levels to recover over the weekend.

Shutdown Date	Restart Date	Shutdown Status	Discussion
9/4/25	9/8/25	Planned	The system was shut down to allow aquifer levels to recover over the weekend.
9/11/25	9/15/25	Planned	The system was shut down to repair a failed communication switch.
9/18/25	9/22/25	Unplanned	The system was shut down to allow aquifer levels to recover over the weekend.
9/26/25	9/29/25	Planned	The system was shut down to allow aquifer levels to recover over the weekend.

3.3 Plume Front Treatment System Operations

Month	Days Operated	Average Flow Rate (gpm)	Volume Extracted and Treated (acre-feet)	Volume Injected (acre-feet)	Volume Discharged to Grade (acre-feet)	Volume Discharged to Modu-Tank (acre-feet)
Jul-25	29 of 31	808	89.1	89.3	0.70	0.004
Aug-25	31 of 31	722	98.4	98.8	0.22	0.001
Sep-25	28 of 30	797	96.5	97.0	0.44	0.000

Shutdown Date	Restart Date	Shutdown Status	Discussion
7/6/25	7/7/25	Unplanned	The system shut down automatically because of a disruption in the electrical power supply.
7/8/25	7/9/25	Unplanned	The system shut down automatically because of a lightning strike that damaged equipment at well PFI-2.
7/16/25	7/16/25	Planned	The system was shut down to replace an electrical surge suppressor at well PFI-4.
7/17/25	7/17/25	Unplanned	The system shut down automatically because of low air flow resulting from an air compressor fault.
7/22/25	7/22/25	Planned	The system was shut down to repair the air compressor.
7/25/25	7/28/25	Unplanned	The system shut down automatically because of a leak detection alarm.
8/18/25	8/19/25	Unplanned	The system shut down automatically because of a communication loss.
8/20/25	8/21/25	Unplanned	The system shut down automatically because of a communication loss.

Shutdown Date	Restart Date	Shutdown Status	Discussion
8/31/25	9/3/25	Unplanned	The system shut down automatically because of a leak detection alarm.

3.4 200 Area Investigation

- NMED is reviewing the follow-on *200 and 600 Area Vapor Monitoring and Intrusion Assessment (VMIA) Abbreviated Investigation Work Plan (AIWP)* (November 16, 2024).

3.5 300/400 Area

- NMED is reviewing the *Well Completion Reports (WCR) for NASA White Sands Test Facility (WSTF) 400-001-GW* (August 30, 2024), the *Well Completion Report (WCR) for NASA White Sands Test Facility (WSTF) 300-001-GSV* (October 3, 2024), and the *Well Completion Report (WCR) for NASA White Sands Test Facility (WSTF) 300-002-GSV* (October 3, 2024).
- NMED is reviewing the *Resubmittal of NASA White Sands Test Facility (WSTF) 400 Area Supplemental Groundwater and Soil Vapor Monitoring Report – First Quarter 2024* (September 5, 2024), the *NASA White Sands Test Facility (WSTF) 400 Area Supplemental Groundwater and Soil Vapor Monitoring Report – Second Quarter 2024* (November 26, 2024), the *400 Area Supplemental Groundwater and Soil Vapor Monitoring Report – Third Quarter 2024* (February 25, 2025), and the *400 Area Supplemental Groundwater and Soil Vapor Monitoring Report – Fourth Quarter 2024* (May 29, 2025).

3.6 600 Area Perched Groundwater Extraction Pilot Test and Investigation

- In July 2025, NASA extracted approximately 81 gallons of perched groundwater from monitoring well 600-G-138 in accordance with NMED's March 1, 2013, *Approval Time Extension for Implementation of the Perched Groundwater Extraction Pilot Test at the 600 Area*, bringing the total to 23,702 gallons of contaminated groundwater since the project began. Groundwater elevation measurements indicate there is approximately 2.78 feet of perched groundwater within this well. This perched groundwater thickness has been relatively consistent since the inception of extraction activities in 2013. Extracted groundwater was containerized for treatment at the Mid-plume Interception and Treatment System (MPITS) and discharged in accordance with DP-1255. In mid-July 2025, NASA suspended the perched groundwater extraction pilot test because of agency-imposed resource restrictions.
- NMED is reviewing the *Proposal to Transition NASA White Sands Test Facility (WSTF) 600 Area Perched Groundwater Extraction Pilot Test (PGEPT) Annual Reporting into Projected Targeted Mobile Remediation Process (TMRP) Annual Reporting Following Submittal of the PGEPT – Project Year 12 Report* (February 19, 2025), the *600 Area Perched Groundwater Extraction Pilot Test Interim Status Report – Project Year 12* (April 28, 2025), and the *600 Area Perched Groundwater Phase IIa Status Report* (June 30, 2025).

3.7 SWMUs 1 and 14 (100 Area Burn Pit and 600 Area Remote JP Test Area)

- Because of the potential for PFAS compounds to be present, further evaluation of SWMUs 1 and 14 is included in the *NASA White Sands Test Facility (WSTF) Per- and Polyfluoroalkyl Substances Investigation Work Plan* (July 29, 2025).

3.8 SWMUs 2, 8, and 34 and AOC 51 (Wastewater Lagoons)

- NMED is reviewing the *Response to Disapproval of NASA White Sands Test Facility (WSTF) 200 Area Wastewater Lagoons Closure (SWMU 8) Investigation Report* (April 29, 2024), the

Response to Disapproval of the NASA WSTF 100 Area Wastewater Lagoons Closure (SWMU 2) Investigation Report (August 29, 2024), and the *Response to Second Disapproval of the NASA White Sands Test Facility (WSTF) 600 Area Wastewater Lagoons Closure (SWMU 34) Investigation Report* (March 28, 2025).

- As indicated in the NMED-approved *NASA White Sands Test Facility (WSTF) STGT Wastewater Lagoons Closure (AOC 51) Investigation Report* (November 20, 2023), no further investigation work is required at AOC 51. The unit is expected to be included in an upcoming petition for corrective action complete status determination.

3.9 SWMUs 3, 15, and 19 (100 Area Container Storage, 600 Area Burn Pit, and 800 Area Below Ground Storage Tank)

- NASA developed and submitted the *NASA White Sands Test Facility (WSTF) SWMUs 3, 15, and 19 Risk Screen Evaluation* on September 16, 2025.

3.10 SWMU 10 (200 Area Hazardous Waste Transmission Lines [HWTL])

- As indicated in the *Response to Approval with Modifications of the NASA WSTF 200 Area HWTL (SWMU 10) Investigation Report and Risk Assessment Report* (December 27, 2023), no further investigation work is required at SWMU 10. The unit is expected to be included in an upcoming petition for corrective action complete status determination.

3.11 SWMU 16 (600 Area BLM Off-site Soil Pile)

- NMED is reviewing the *NASA WSTF 600 Area Bureau of Land Management Off-Site Pile (SWMU 16) Remedy Completion Report and Risk Screen Evaluation* (November 19, 2024).

3.12 SWMUs 21-27 (Septic Tanks) and SWMUs 30 & 31 (Small Arms Firing Ranges)

- NMED is reviewing a permit modification request (*NASA White Sands Test Facility Petition for Corrective Action Status Review*) (October 23, 2024).

3.13 SWMU 29 (Small Arms Firing Ranges)

- As indicated in the NMED-approved *NASA White Sands Test Facility (WSTF) STGT Wastewater Lagoons Closure (AOC 51) Investigation Report* (September 3, 2024), no further investigation work is required at SWMU 29. The unit is expected to be included in an upcoming petition for corrective action complete status determination.

3.14 SWMU 33 (Test Stand 302 Cooling Water Pond)

- Based on agency resource limitations, NASA requested an extension of time for submittal of the SWMU 33 investigation report to September 30, 2030. NMED approved the request and NASA postponed investigation fieldwork accordingly.

3.15 SWMU 49 (700 Area Landfill)

- Based on agency resource limitations, NASA requested an extension of time for submittal of the Phase II investigation report to September 30, 2031. NMED approved the request and NASA postponed investigation fieldwork accordingly.

3.16 SWMU 54 (500 Area Former Oxidizer Burner)

- NMED is reviewing the *500 Area Former Oxidizer Burning (SWMU 52) Investigation Report* (July 25, 2024).

3.17 Groundwater Monitoring Well Abandonment, Installation, and Reconfiguration

- NMED is reviewing the *Response to Disapproval of the NASA WSTF Westbay Well Reconfiguration Work Plan for Wells PL-7, PL-8, PL-10, ST-5, and WW-3* (August 30, 2024) and the *Response to the Disapproval of Reconfiguration Report for Well BW-4* (November 21, 2024).
- Based on agency resource limitations, NASA submitted requests to extend or defer submittal of well completion reports for nine groundwater monitoring wells. NMED responded to these requests as indicated below:
  - Approved the *Request for Extension of Time for Submittal of Well Completion Report for Monitoring Well 600C-003-GW*, extending the due date for submittal of the well completion report to December 1, 2027.
  - Approved the *Request for Extension of Time for Submittal of Well Completion Report for Monitoring Well 600C-004-GW*, extending the due date for submittal of the well completion report to February 27, 2026.
  - Conditionally approved the *Request for Fifth Extension of Time for Submittal of the Completion Report for Monitoring Well BLM-30 Abandonment and Installation of Replacement Monitoring Well BLM-43*, extending the due date for submittal of the well completion report to December 1, 2028.
  - Approved the *Request for Second Extension of Time for Submittal of Well Completion Report for Monitoring Well 600C-002-GW*, extending the due date for submittal of the well completion report to December 1, 2026.
  - Disapproved the *Request to Indefinitely Defer Submittal of Completion Report for Monitoring Wells 200-001-GW, 200-002-GW, and 400-002-GW*, with direction to submit the report documenting project activities to NMED no later than December 31, 2026.
  - Approved the *Request to Indefinitely Defer Submittal of the Completion Report for Monitoring Well 600B-001-GW.*
  - Approved the *Request to Indefinitely Defer Submittal of the Completion Report for Monitoring Well 600C-001-GW.*

3.18 Targeted Mobile Remediation Process (TMRP)

- Based on agency resource limitations, NASA requested that the due date for submittal of the first annual interim status report be extended from August 2025 to August 31, 2028. NMED approved the request and NASA postponed investigation fieldwork accordingly.

3.19 Groundwater Data Representativeness Evaluation

- NMED is reviewing the *Groundwater Data Representativeness Phase 2 Disapproval Response: Water FLUTe Well Evaluation Abbreviated Investigation Report* (July 31, 2024).

3.20 400 Area Isopropyl Alcohol Release

- NMED is reviewing the *400 Isopropyl Alcohol Release Abbreviated Investigation Work Plan* (February 24, 2025).

3.21 PFAS Investigation

- NMED is reviewing the *NASA White Sands Test Facility (WSTF) Per- and Polyfluoroalkyl Substances Investigation Work Plan* (July 29, 2025).

4.0 Non-compliance Issues

The NASA RCRA Permit requires that other non-compliance conditions be reported to NMED. There were no instances of other non-compliance conditions during this reporting period that require notification under the Permit. The criteria for non-compliance reporting in this report (as defined by 40 CFR 270.30 (l)(10) and EPA interpretations at RCRA Faxbacks 13142 and 13686) would be any non-compliance with permit conditions that is not classified as minor recordkeeping, reporting, and similar oversights that were corrected once discovered. Additionally, there were no issues meeting the previously defined criteria (minor items immediately corrected) that were part of a repeating pattern of non-compliance.

5.0 Documents Submitted

5.1 Documents submitted to the Hazardous Waste Bureau in the third quarter of 2025

- *RCRA Permit Modification*, July 2, 2025
- *NASA White Sands Test Facility (WSTF) Quarterly Environmental Activity Report for Second Quarter 2025*, July 14, 2025
- *Fee Assessment for the Abandonment Report for NASA Well PFI-1 (NMED Invoice Number HWB-NASA-25-007)*, July 14, 2025
- *NASA Johnson Space Center White Sands Test Facility 2024 Annual Hazardous Waste Fees*, July 29, 2025
- *NASA White Sands Test Facility (WSTF) Per- and Polyfluoroalkyl Substances Investigation Work Plan*, July 29, 2025
- *NASA WSTF Remediation System Monitoring Plan Annual Update for 2025*, July 30, 2025
- *NASA WSTF Periodic Monitoring Report – Second Quarter 2025*, July 30, 2025
- *Fee Assessment for the Periodic Monitoring Report for Second Quarter 2025 (NMED Invoice Number HWB-NASA-25-010)*, August 26, 2025
- *Fee Assessment for the 2025 Remediation System Monitoring Plan Update (NMED Invoice Number HWB-NASA-25-011)*, August 26, 2025
- *Fee Assessment for the Per-and Polyfluoroalkyl Substances (PFAS) Investigation Work Plan (NMED Invoice Number HWB-NASA-25-012)*, August 26, 2025
- *Fee Assessment for the 600 Area Perched Groundwater Phase IIa Status Report (NMED Invoice Number HWB-NASA-25-009)*, August 28, 2025
- *NASA White Sands Test Facility (WSTF) SWMUs 3, 15, and 19 Risk Screen Evaluation*, September 16, 2025
- *Request for Extension of Time for NASA White Sands Test Facility (WSTF) Periodic Monitoring Report – Third Quarter 2025*, September 30, 2025

5.2 Pertinent documents submitted to other NMED bureaus in the third quarter of 2025

- *NASA White Sands Test Facility 700 Area Landfill Detection Monitoring Results for 2025 First Semi-annual Sampling Event*, Resource Recovery Bureau, July 3, 2025
- *Compliance Report (NESHAP)(RICE)*, Air Quality Bureau, July 10, 2025

- *NASA White Sands Test Facility (WSTF) Discharge Permit (DP)-697 First Semi-Annual Report for 2025*, Ground Water Quality Bureau, July 16, 2025
- *NASA White Sands Test Facility (WSTF) Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units – 40 CFR Part 60, Subpart Dc (NSPS Dc) Semi-annual Report for Period January 1 through June 30, 2025*, Air Quality Bureau, July 17, 2025
- *NASA White Sands Test Facility (WSTF) Discharge Permit (DP)-584 First Semi-Annual Report for 2025*, Ground Water Quality Bureau, July 17, 2025
- *NASA White Sands Test Facility (WSTF) Discharge Permit (DP)-392 First Semi-Annual Report for 2025*, Ground Water Quality Bureau, July 17, 2025
- *NASA White Sands Test Facility (WSTF) Discharge Permit (DP)-1170 First Semi-Annual Report for 2025*, Ground Water Quality Bureau, July 21, 2025
- *NASA White Sands Test Facility (WSTF) Semi-annual Report for Discharge Permit (DP)-1255 – First Half of 2025*, Ground Water Quality Bureau, July 23, 2025
- *Quarterly Opacity/Emissions Eval of 400 Area Boilers (Units 1A, 1B, 1C, and 1D)*, Air Quality Bureau, September 17, 2025

5.3 Status of documents previously submitted to the NMED Hazardous Waste Bureau for which additional correspondence was recorded in the third quarter of 2025

- NASA submitted the *Response to Approval with Modifications of the NASA White Sands Test Facility (WSTF) 700 Area Landfill (SWMU 49) Phase II Abbreviated Investigation Work* Plan on October 30, 2024. Based on agency resource limitations, NASA submitted the *Request for Extension of Time for Submittal of 700 Area Landfill (SMWU 49) Phase II Investigation Report* on April 29, 2025. NMED approved the request on July 2, 2025, extending the due date for submittal of the investigation report to September 30, 2031.
- NASA submitted the *Request to Indefinitely Defer Submittal of Completion Report for Monitoring Wells 200-001-GW, 200-002-GW, and 400-002-GW* on April 29, 2025. NMED disapproved the request on July 21, 2025 and directed NASA to submit the report documenting project activities to NMED no later than December 31, 2026.
- NASA submitted the *Request for Fifth Extension of Time for Submittal of the Completion Report for Monitoring Well BLM-30 Abandonment and Installation of Replacement Monitoring Well BLM-43* on April 29, 2025. NMED **conditionally** approved the request on July 2, 2025, extending the due date for submittal of the well completion report to December 1, 2028.
- Based on agency resource limitations, NASA submitted the *Request for Extension of Time for Submittal of 600 Area Perched Groundwater Phase II Investigation Report* on April 29, 2025. Meanwhile, NASA performed investigation fieldwork associated with Phase IIa of the project and submitted the *NASA White Sands Test Facility (WSTF) 600 Area Perched Groundwater Phase IIa Status Report* on June 30, 2025. NASA received NMED's July 2, 2025 fee assessment for review of the report and provided the $8,000 review fee on August 8, 2025. On July 2, 2025, NMED approved NASA's April 29, 2025 extension request, extending the due date for submittal of the Phase II investigation report to September 30, 2028.
- NASA submitted the *Response to Approval with Modifications for the NASA WSTF 300 Area Test Stand 302 Cooling Water Pond (SWMU 33) Investigation Work Plan and Historical Information Summary* on March 2, 2024. Based on agency resource limitations, NASA submitted the *Request for Extension of Time for Submittal of 300 Area Test Stand 302 Cooling*

Water Pond (SWMU 33) Investigation Report on April 29, 2025. NMED approved the request on July 2, 2025, extending the due date for submittal of the investigation report to September 30, 2030.

- NASA submitted the *Request to Indefinitely Defer Submittal of the Completion Report for Monitoring Well 600B-001-GW* on April 29, 2025. NMED approved the request on July 17, 2025.
- NASA submitted the *Request to Indefinitely Defer Submittal of the Completion Report for Monitoring Well 600C-001-GW* on April 29, 2025. NMED approved the request on July 17, 2025.
- Based on agency resource limitations, NASA submitted the *Request for Extension of Time for Submittal of Targeted Mobile Remediation Process Phase 2 Interim Status Report* on April 29, 2025. NMED approved the request on July 2, 2025, extending the due date for submittal of the Phase 2 report to August 31, 2028.
- NASA submitted the *Request for Second Extension of Time for Submittal of Well Completion Report for Monitoring Well 600C-002-GW* on April 29, 2025. NMED approved the request, extending the due date for submittal of the well completion report to December 1, 2026.
- NASA submitted the NA*SA WSTF Remediation System Monitoring Plan Annual Update for 2022* on July 29, 2022. NASA received NMED's August 31, 2022 fee assessment and invoice for review of the report and provided the $10,000 review fee on October 4, 2022. NMED approved the plan with a modification on November 16, 2022 and directed NASA to provide documentation on the abandonment of well PFI-1 within 90 days of the completion of well abandonment. NASA abandoned the well and submitted the *Abandonment Report for NASA Well PFI-1* on May 8, 2025. NASA received NMED's June 11, 2025 fee assessment and invoice for review of the report and provided the $2,000 fee for review of the report on July 14, 2025.
- NASA submitted the *Request for Extension of Time for Submittal of Well Completion Report for Monitoring Well 600C-003-GW* and *Request for Extension of Time for Submittal of Well Completion Report for Monitoring Well 600C-004-GW* on April 29, 2025. NMED approved the requests on July 2, 2025, extending the due date for submittal of the 600C-003-GW and 600C-004-GW well completion reports to December 1, 2027 and February 27, 2026, respectively.
- NASA provided the *Per- and Polyfluoroalkyl Substances Site Inspection Report for White Sands Test Facility*, prepared by Tetra Tech, Inc. and dated October 2024. NMED reviewed the site inspection report and provided informal comments on February 6, 2025. NMED provided 16 comments regarding additional PFAS investigation requirements. NASA is evaluated NMED's comments and developed an investigation work plan for additional site assessment for PFAS at WSTF. NASA submitted the *NASA White Sands Test Facility (WSTF) Per- and Polyfluoroalkyl Substances Investigation Work Plan* on July 29, 2025. NASA received NMED's August 7, 2025 fee assessment and invoice for review of the work plan and submitted the $15,000 review fee on August 26, 2025.