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FACT SHEET/STATEMENT OF BASIS

Notice of Intent to Approve a Class 3 Permit Modification to Grant Corrective Action Complete Status for Nine Solid Waste Management Units Listed in the RCRA Hazardous Waste Permit and Seven Areas of Interest

**National Aeronautics and Space Administration
White Sands Test Facility
RCRA Permit Number NM8800019434**

February 2026

SCIENCE | INNOVATION | COLLABORATION | COMPLIANCE

Hazardous Waste Bureau - 2905 Rodeo Park Drive East, Building 1, Santa Fe, New Mexico 87505-6313
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Fact Sheet / Statement of Basis

Notice of Intent to Approve a Class 3 Permit Modification to Grant Corrective Action Complete Status for Nine Solid Waste Management Units Listed in the RCRA Hazardous Waste Permit (Permit) and Seven Areas of Interest Not Listed in the Permit; and

Under the authority of the New Mexico Hazardous Waste Act (Section 74-4-1 *et seq.*, New Mexico Statutes Annotated (NMSA) 1978, as amended) and the New Mexico Hazardous Waste Management Regulations (20.4.1 NMAC), the New Mexico Environment Department (NMED) intends to approve a Class 3 permit modification request (PMR). This request, submitted by the National Aeronautics and Space Administration White Sands Test Facility (NASA WSTF or the Permittee) seeks to modify the March 2023 RCRA Hazardous Waste Permit (Permit) pursuant to 20.4.1.900 NMAC (incorporating 40 CFR 270.42 (c)).

If approved, the proposed modifications would grant Corrective Action Complete (CAC) status for nine Solid Waste Management Units (SWMU) listed in the Permit and seven ancillary areas of interest. Table 4-1 in Appendix 4 of the Permit lists SWMUs and Areas of Concern (AOCs) where corrective action is required to characterize and remediate past releases of hazardous wastes or hazardous constituents. If this modification is approved by NMED, SWMUs 21 through 27, and SWMUs 30-31 will be transferred from Appendix 4, Table 4-1 to Appendix 4, Table 4-3 that lists SWMUs and AOCs with the status of Corrective Action Complete Without Controls. See the red-line strikeout Tables included in this Fact Sheet/Statement of Basis for more information on the SWMUs.

Other Administrative Updates

As part of this modification, NMED has updated several definitions to align with statutory changes enacted under New Mexico House Bill 140. These updates include the addition of terminology related to per- and polyfluoroalkyl substances (PFAS) and are specified on Table 1.12 included in this Fact Sheet/Statement of Basis. These changes do not affect the scope of the Corrective Action Complete determinations but ensure consistency with current regulatory requirements.

Section 1. Facility Description

The NASA WSTF is a test facility established in 1962 in support of the national space program. WSTF occupies over 60,000 acres in Doña Ana County in south-central New Mexico, 18 miles

northeast of Las Cruces, New Mexico and 65 miles north of El Paso, Texas. WSTF is located in the Mexican Highland Section of the Basin and Range Province and within the Rio Grand Rift Zone, a major tectonic feature. The main entrance to the facility is 6 miles north of the intersection of NASA Road and U.S. Highway 70 (See Figure 1).

Section 2. History of Investigation

The Permit requires investigation of SWMUs and AOCs listed in Appendix 4, Table 4-1. Section 8 of this fact sheet briefly describes the location, history, evaluation of relevant information, and the basis for determination for each of the SWMUs proposed for corrective action complete. More detailed descriptions of the SWMUs can be found in the permit modification request submitted by the Permittee and the references listed at the end of this fact sheet, which constitute the administrative record for this action.

The following sites are the subject of the proposed permit modification (See Figure 2 for Map):

Corrective Action Complete without Controls	
SWMU	Description in Permit
21	100 Area Septic Tank at Guard Shack
22	100 Area Septic Tank at Bldg 114
23	200 Area Septic Tank at Bldg 272
24	300 Area Septic Tank at Main Parking Lot
25	300 Area Septic Tank at Bldg 320
26	300 Area Septic Tank at Bldg 364
27	400 Area Septic Tank at Main Parking Lot
30	200 Area Small Arms Range
31	WB-2 Small Arms Firing Range
Areas of Interest (AOI) not in Permit	
AOI	Description
250 Area Tank	Tank storing sewage and hand washing wastes for temporary office trailers removed 1964/1965
Building 272 (Tank C)	Tank storing hand-washing and common janitorial supply wastes from Building 272
Building T463	Tank storing sewage, hand-washing, and common janitorial supply wastes from Temporary building
Building 447	Tank storing sewage, hand-washing, and common janitorial supply wastes from buildings 447, 448
Building 650	Tank storing sewage and hand-washing wastes

Buildings 802, 803	Tank storing test article washing, washing machine, sewage, hand-washing, and common janitorial supply wastes
STGT	Tank storing sewage, hand-washing, and common janitorial supply wastes from the Second Tracking Data Relay Satellite Ground terminal

Section 3. Administrative Record

The Administrative Record for this proposed action consists of the Fact Sheet/Statement of Basis, the Public Notice, the March 2023 RCRA Permit that contains Appendix 4, and the following Class 3 Permit Modification Request (PMR): *NASA White Sands Test Facility Petition for Corrective Action Status Review (April 4, 2024), Petition for Class 3 Permit Modification (Revised October 2024)*.

The Administrative Record may be reviewed at the following location during the public comment period:

NMED – Hazardous Waste Bureau
 2905 Rodeo Park Drive East, Building 1
 Santa Fe, New Mexico 87505-6313
 (505) 476-6000
Monday – Friday from 8:00 AM to 5:00 PM

NMED-Las Cruces Field Office
 2301 Entrada Del Sol
 Las Cruces, NM 88001
 (575) 288-2050
Monday – Friday from 8:00 AM to 5:00 PM

To obtain a copy of the Administrative Record or a portion thereof, in addition to further information, please contact Neelam Dhawan or Naomi Gonzalez at (505) 476-6000, at the address provided above. NMED will provide requested copies, or portions thereof, of the administrative record at a cost to the requestor.

Section 4. Public Participation

A public meeting was arranged by the Permittee and held at the Thomas Branigan Memorial Public Library in Las Cruces, NM on November 13, 2024 in accordance with 20.4.1.900 NMAC as part of the Permittee’s 60-day public comment period on the PMR required by regulation at 40 CFR § 270.42 (c)(5). NMED did not receive any comments from the public during the comment period provided by the Permittee.

NMED issued a public notice on **February 21, 2026** to announce the beginning of a 60-day comment period that will end at 5:00 PM **April 22, 2026**. Any person who wishes to comment on this action or request a public hearing should submit written or electronic mail (e-mail) comments with the commenter’s name and address to the physical or e-mail address listed below. Only comments or requests received on or before 5:00 PM **April 22, 2026** will be considered.

Neelam Dhawan, Permits Program Manager
Hazardous Waste Bureau – New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303
Or via e-mail: neelam.dhawan@env.nm.gov
Ref: NASA WSTF Class 3 Permit Modification Request

Written comments must be based on the Administrative Record. Documents in the Administrative Record need not be re-submitted if expressly referenced by the commenter. Requests for a public hearing shall provide: (1) a clear and concise factual statement of the nature and scope of the interest of the person requesting the hearing; (2) the name and address of all persons whom the requestor represents; (3) a statement of any objections to the proposed action, including specific references; and (4) a statement of the issues which such persons propose to raise for consideration at the hearing. Written comments and requests for a Public Hearing must be filed with Ms. Neelam Dhawan on or before 5:00 PM **April 22, 2026**. NMED will provide a 30-day notice of a public hearing, if scheduled. The final decision will become effective thirty (30) days after issuance of the decision unless an alternate date is specified.

Section 5. Next Steps

After consideration of all public comments received, NMED will issue a final decision that will approve, modify or deny the request. If NMED modifies or denies the request, NMED will provide written justification for the decision to the Permittee by mail. NMED will make the final decision publicly available and will notify the Permittee and each person who submitted written comments of the final decision. The final decision will constitute a final agency decision and may be appealed as provided in the Hazardous Waste Act (New Mexico Statutes, Chapter 74, Article 4).

Section 6. Contact Person for Additional Information

For additional information, contact the following individual:

Neelam Dhawan, Permits Program Manager
Hazardous Waste Bureau – New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303
Telephone: (505) 476-6000
Fax: (505) 476-6030
e-mail: neelam.dhawan@env.nm.gov

7. Arrangements for Persons with Disabilities

Any person with a disability requiring assistance or auxiliary aid to participate in this process should contact the Bureau Contact listed above no less than 10 days prior to the end of the public comment period.

Telephone conversation assistance is available through New Mexico Relay Network at no charge for persons who are deaf, hard of hearing, or have difficulty speaking on the phone, by calling 1-800-659-1779 (English); 1-800-327-1857 (Spanish); 1-800-659-8331 (TeleType (TTY) users).

8. Descriptions of SWMUs Proposed for CAC without Controls

8.A SWMU 22, Building 114 Septic Tank

SWMU 22 was located approximately 1.75 miles from the main entrance, northeast of Building 114, within the secured WSTF facility (See Figures 2 and 3) This area is not accessible to the public and residential use is not allowed on NASA WSTF. NASA intends to allow the area to naturally revegetate and anticipates no future use of the area.

8.A.i History

The original septic tank was installed in 1963, prior to the completion of the sewage lagoons, and used until the mid-1980s. The estimated capacity of the tank was 1200 gallons. Hazardous constituents possibly discharged from Building 114 to the Building 114 Septic Tank included spent process wastes from photographic and electrostatic plate-maker machines. Based on the information collected during the Historical Information Summary (HIS), the Permittee determined that these spent process wastes contained silver and cyanide. Thus, silver and cyanide were determined to be contaminants of potential concern (COPC).

8.A.ii Evaluation of Investigation Results

In 2013 the Permittee conducted a Septic Tank Investigation which included sampling the septic tank contents, removal of tank contents, tank removal, backfilling the tank excavation, and installing seven soil borings.

Tank Contents and Tank Condition. There was no evidence of discharge from the effluent pipe of the tank and no staining. During removal of the tank, no visible seepage or moisture was detected outside of the septic tank excavation. Sludge in SWMU 22 tank was sampled and analyzed for toxicity characteristic leaching procedure (TCLP) Metals and Cyanide by an analytical laboratory. No results exceeded NMED's Construction Soil Screening Levels, so the sludge and the tank were determined to be nonhazardous waste. The tank sludge was removed and disposed of by a licensed septage pumper. The SWMU 22 septic tank was removed on November 9, 2016 and disposed of as solid waste in accordance with the NMED-approved Investigation Work Plan. The excavation was backfilled with clean soil.

Soil Sampling. During tank excavation activities, soil staining was visible in the first few inches of alluvium below the contact with clean fill sediment within the footprint of the tank.

Seven soil borings were installed at or adjacent to the location of the SWMU 22 septic tank (See Figure 4). Three shallow soil borings and two deeper borings were installed in April 2017. One boring upgradient and two borings downgradient were installed to 12 feet below ground surface (bgs). Two borings were drilled within the excavation area to 27 feet bgs. Due to anomalous analytical results for samples collected from these borings at the 6-8 ft bgs level, two additional shallow borings were installed to 9 ft bgs in October 2017. Analytical results from the sampling confirmed that cyanide and silver maximum concentrations were less than the corresponding NMED residential hazard index (HI). There were arsenic concentrations that exceeded the residential soil screening level for cancer. However, arsenic in the samples were similar to background concentrations; and, residential land use is restricted on the facility. The Hazard Indices (HI) for plants and deer mice were exceeded. The HIS indicated that the releases from the tank were at depth and that there are no deep-rooted plants in the SWMU. Also, deer mouse burrows are only a few inches deep, which are not at the depth of the releases. Since the tank and its contents were removed, the source was also removed. NMED approved the final Investigation Report on March 16, 2023.

8.A. iii Basis of Determination

Based on the available data included in the Septic Tank Investigation for SWMU 22, this site does not pose an unacceptable risk to human health or the environment. SWMU 22 meets the requirements for corrective action complete without controls.

8.B SWMU 30, 200 Area Small Arms Range

SWMU 30, a former small arms range in Area 200, is located south of the main 200 Area buildings, between the 200 and 100 areas (See Figure 5). The area is difficult to access as there is no improved roadway to access the site. Residential use is not allowed on NASA WSTF. NASA intends to allow the area to naturally revegetate and anticipates no future use of the area.

8.B.i History

The 200 Area Small Arms Range, SWMU 30, is a former firing range that measures 50 feet (ft) by 50 ft, slopes to the east and is located adjacent to Gardner Spring Arroyo. The natural, coarse-grained hillside to the east was used as the range backstop. WSTF security personnel utilized the range from 1964 to 1990, qualifying 43 personnel annually. The adjoining White Sands Complex (WSC) also utilized the range and qualified approximately 22 employees annually from 1977 to 1990. Each employee discharged approximately 100 rounds of ammunition per person for annual firearms qualifications. Lead bullets, with and without copper jackets, were discharged at this former firing range and allowed to accumulate on site. There was no evidence that other hazardous wastes or hazardous constituents were managed or disposed of at this site. COPCs consisted primarily of components used in the manufacture and discharge of small arms ammunition: antimony, arsenic, copper, iron, lead, tin, and zinc. Since the firing range is no longer utilized, the source of the releases has been eliminated.

8.B.ii Evaluation of Investigation Results

The Permittee submitted an Accelerated Corrective Measures Work Plan (ACMWP) and Historical Summary in February 2015, which were approved with modifications by NMED in May 2015. The approved ACMWP included site remediation, confirmation sampling, results, and risk evaluation. Fieldwork lasted from August 2015 through January 2020 and was accomplished by field screening the range floor and outfall areas using a metal detector to identify the horizontal extent of the area impacted by firing range operations. Ammunition waste was recovered by excavating and screening soils, waste ammunition was then disposed in accordance with the approved ACMWP.

Ammunition scrap removal was followed by composite soil sampling in the fallout area and confirmation sampling of the impact berms to verify that the soils within and adjacent to the firing ranges did not contain residual contamination that presented a risk to human health and the environment. Surface and shallow subsurface soil sampling activities were conducted (See Figure 6) and samples analyzed for COPCs.

Most of the target metals concentrations were determined to be consistent with WSTF background concentrations. The only outlier was copper, identified at concentrations above the established background level. The risk assessment report evaluated the toxicity hazard of copper and lead to all identified human and ecological receptors. The cumulative HI at SWMU 30 was less than the NMED target of 1 for both human and ecological receptors.

8.B.iii Basis of Determination

Based on the available data in the approved Remedy Completion Report and Risk Assessment Report for SWMU 30, this site does not pose an unacceptable risk to human health or the environment. SWMU 30 meets the requirements for corrective action complete without controls.

8.C SWMU 31, WB-2 Small Arms Firing Range

SWMU 31 is located east of the Tracking and Data Relay Satellite facility in the 100 Area (See Figure 7). The site is in a remote, unoccupied portion of the facility that is not easily accessible. Residential use is not allowed on NASA WSTF. NASA intends to allow the area to naturally revegetate and anticipates no future use of the area

8.C.i History

The former WB-2 Small Arms Firing Range was used periodically from September 1990 to 2000. Both WSTF and WSC personnel utilized the small arms range, for a total of 45 employees discharging approximately 100 rounds of ammunition per person, twice annually to qualify on

their weapons. Lead bullets, with and without copper jackets, were discharged at this former firing range and allowed to accumulate on site. There was no evidence that other hazardous wastes or hazardous constituents were managed or disposed of at this site. COPCs consisted primarily of components used in the manufacture and discharge of small arms ammunition: antimony, arsenic, copper, iron, lead, tin, and zinc. Since the former firing range is no longer utilized, the source of releases has been eliminated.

8.C.ii Evaluation of Investigation Results

The Permittee submitted an Accelerated Corrective Measures Work Plan (ACMWP) and Historical Summary in February 2015, which were approved with modifications by NMED in May 2015. The approved ACMWP included site remediation, confirmation sampling, results, and risk evaluation; fieldwork lasted from August 2015 through January 2020. Site remediation was accomplished by field screening the range floor and outfall areas using a metal detector to identify the horizontal extent of the area impacted by firing range operations. Ammunition waste was recovered by excavating and screening soils, waste ammunition was then disposed in accordance with the approved ACMWP.

Ammunition scrap removal was initially followed by composite soil sampling (fallout area) and confirmation sampling (impact berms) to verify that the soils within and adjacent to the firing ranges did not contain residual contamination that presented a risk to human health and the environment. Surface and shallow subsurface soil sampling activities were conducted for analyses of potential COPCs (See Figure 8).

Most of the target metals concentrations were determined to be consistent with WSTF background concentrations. The outliers were antimony, copper, lead, and tin identified at concentrations above the established background level. The risk assessment report evaluated the toxicity hazard of all COPCs to all identified human and ecological receptors. The cumulative hazard index at SWMU 31 was less than the NMED target of 1 for both human and ecological receptors. Additionally, the maximum COPC concentrations were less than NMED groundwater-protective SSLs, which suggests there is no potential migration of COPCs from the vadose zone to groundwater.

8.C.iii Basis of Determination

Based on the available data in the approved Remedy Completion Report and Risk Assessment Report for SWMU 31, this site does not pose an unacceptable risk to human health or the environment. SWMU 31 meets the requirements for corrective action complete without controls.

8.D SWMUs 21 and 23 through 27 and Ancillary Septic Tanks

The SWMUs and ancillary septic tanks described in this section are former septic tank systems that were taken out of service following WSTF's connection to the City of Las Cruces wastewater system in 2015. The following table refers the reader to Figures depicting the locations of these tanks. Residential use is not allowed on NASA WSTF. NASA intends to allow the areas to naturally revegetate and anticipates no future use of the areas.

Septic Tank Designation	SWMU	Figure
100 Area Septic Tank at Guard Shack	21	9
200 Area Septic Tank at Building 272	23	10
Building 272 (Tank C)	NA	
Buildings 802 and 803	NA	
250 Area tank	NA	2
300 Area Main Septic Tank	24	11
300 Area Septic Tank at Bldg 320	25	
300 Area Septic Tank at Bldg 364	26	
400 Area Septic Tank at Main Parking Lot	27	12
Building T463 Septic Tank	NA	
Building 447 Septic Tank	NA	
Building 650 Septic Tank	NA	13
STGT Septic Tank	NA	14

8.D.i History

Background on the WSTF Septic Tanks History is included in Table 8-1. The tanks were installed as early as 1963 and as late as 2005. The permittee included a Historical Information Summary of these tanks with their *Septic Tanks (SWMU 21-27) Investigation Work Plan and WSTF Septic Tanks Historical Information Summary* in 2013. Thus, there was no evidence that any hazardous wastes or hazardous constituents were in the tank systems. All the tanks were removed, thus the source of any release has been eliminated.

8.D.ii Evaluation of Investigation/Review

The NMED only required a historical review of these tanks and approved the IWP and HIS on November 8, 2013. Each of the septic tanks were removed in accordance with procedures detailed in the approved IWP during 2015, 2016, and 2017. Waste streams are outlined in Table 8-1, and none contained hazardous waste or hazardous constituents. Thus, no investigations were completed for these systems.

8.D.iii Basis of Determination

Based on the available data in the approved HIS, the septic tanks above do not pose an unacceptable risk to human health or the environment. All these sites meet the requirements for corrective action complete without controls.

9. References

9.1 NASA WSTF. 2024. *Petition for Class 3 Permit Modification of the White Sands Test Facility Resource Conservation and Recovery Act Permit for SWMUs 21-27, 30 and 31*. Revised October.

9.2 NMED. 2023. *Resource Conservation Recovery Act Permit, EPA ID # NM8800019434*. New Mexico Environment Department-Hazardous Waste Bureau. March.

9.3 NASA WSTF. 2013. *NASA WSTF Septic Tanks (SWMU 21-27) Investigation Work Plan and WSTF Septic Tanks Historical Information Summary*. June 27.

9.4 NASA WSTF. 2015. *NASA WSTF Small Arms Firing Ranges (SWMUs 29-31) Accelerated Corrective Measures Work Plan and Historical Information Summary*. February 26.

9.5 NMED. 2015. *Approval with Modification, SWMUs 29-31 Accelerated Corrective Action Measures Work Plan and Historical Information Summary*. May 29.

9.6 NMED. 2022. *Approval with Modifications, Revised Small Arms Firing Ranges (SWMU 29-31) Remedy Completion Report and Risk Assessment Report*. November 16.

9.7 NASA. 2023. *Revised Small Arms Firing Ranges (SWMU 29-31) Remedy Completion Report and Risk Assessment Report*. January 26. Previous revisions include original March 2018 and April 2020.

9.8 NASA Johnson Space Center White Sands Test Facility. 2023. *Response to Approval With Modifications Revised WSTF Septic Tanks (SWMUs 21-27) Investigation Report*. June 15. Previous iterations include February 2018 (original), July 2019 Revision, May 2021 Revision.

9.9 NMED. 2023. *Approval with Modifications Revised WSTF Septic Tanks (SWMUs 21-27) Investigation Report*. March 16.

9.10 NASA WSTF. 2020. *Risk Assessment Report Small Arms Firing Ranges (SWMUs 29-31)*. April 24.

FIGURES

Figure 1. WSTF Location Map

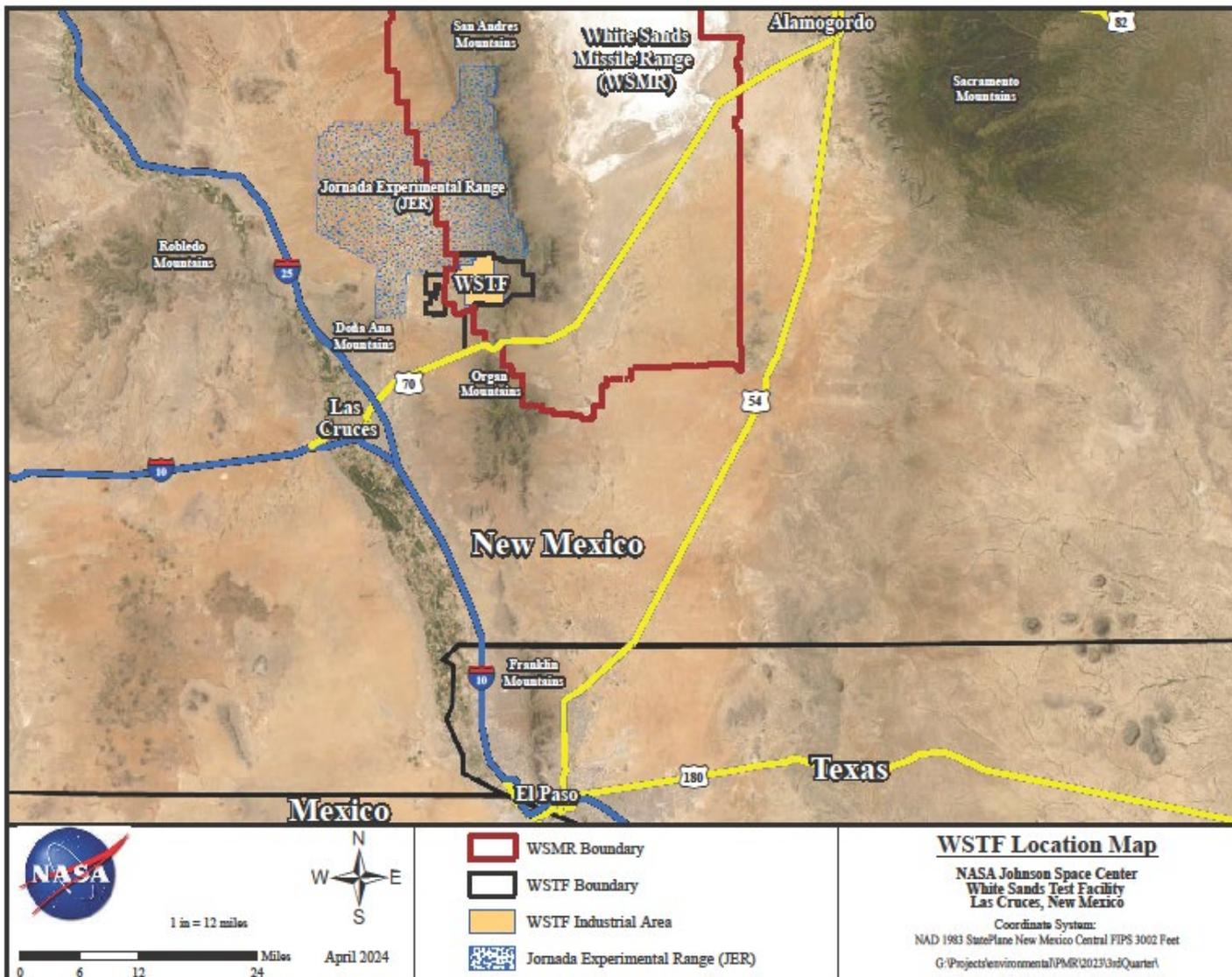


Figure 2. WSTF SWMUs and Ancillary Septic Tanks

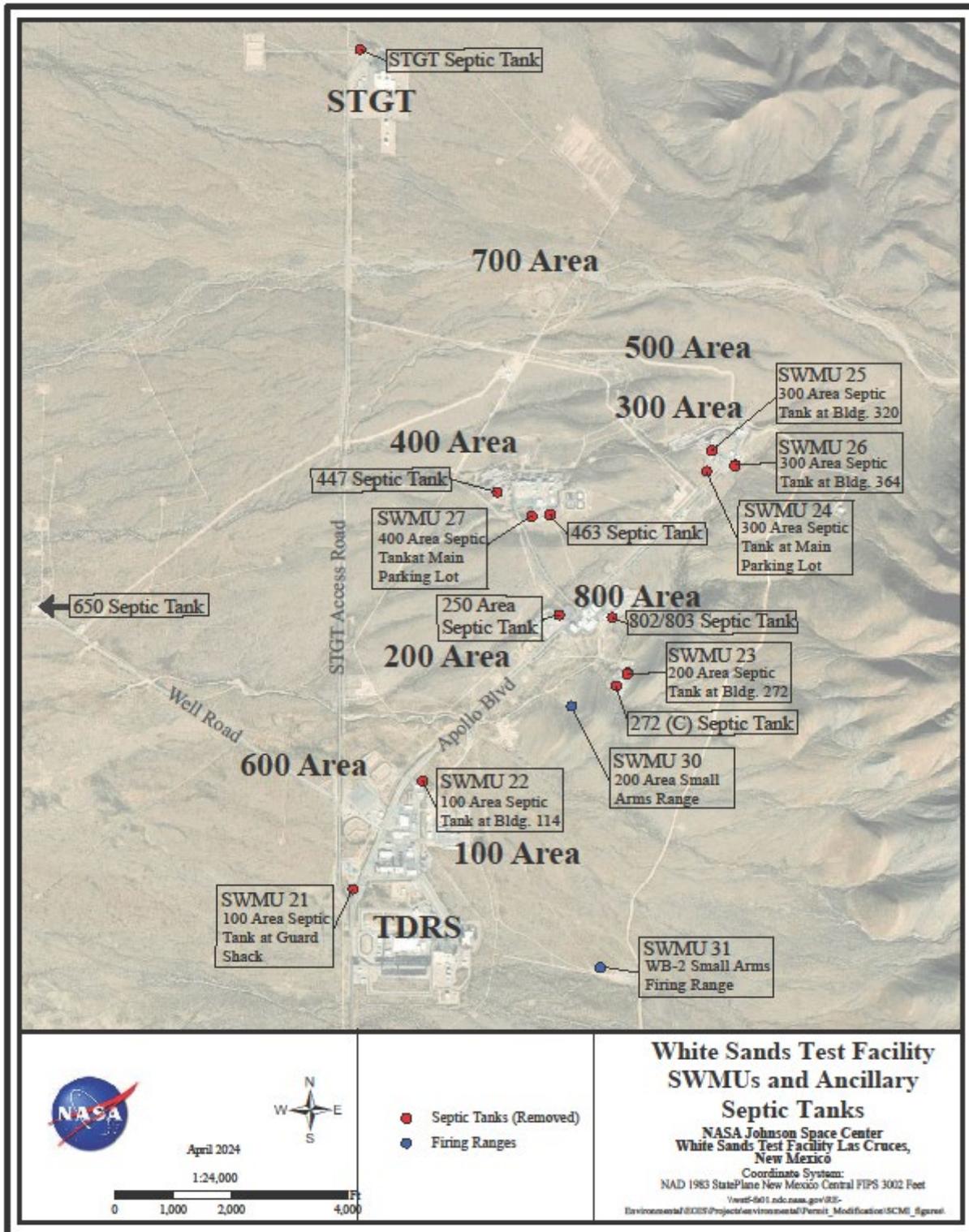


Figure 3. Location of SWMU 22 Building 114 Septic Tank

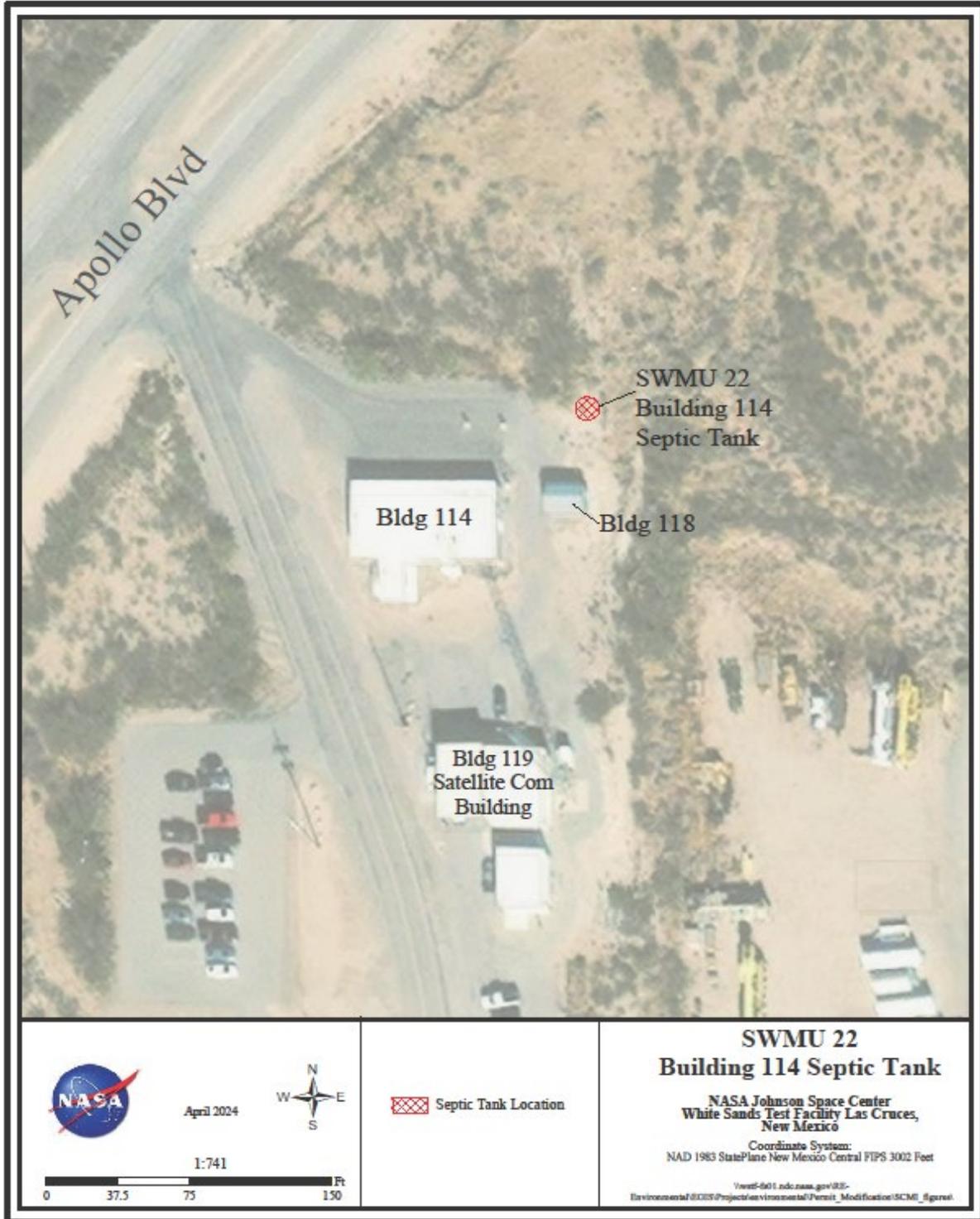


Figure 4. SWMU 22 Soil Boring Locations and Results

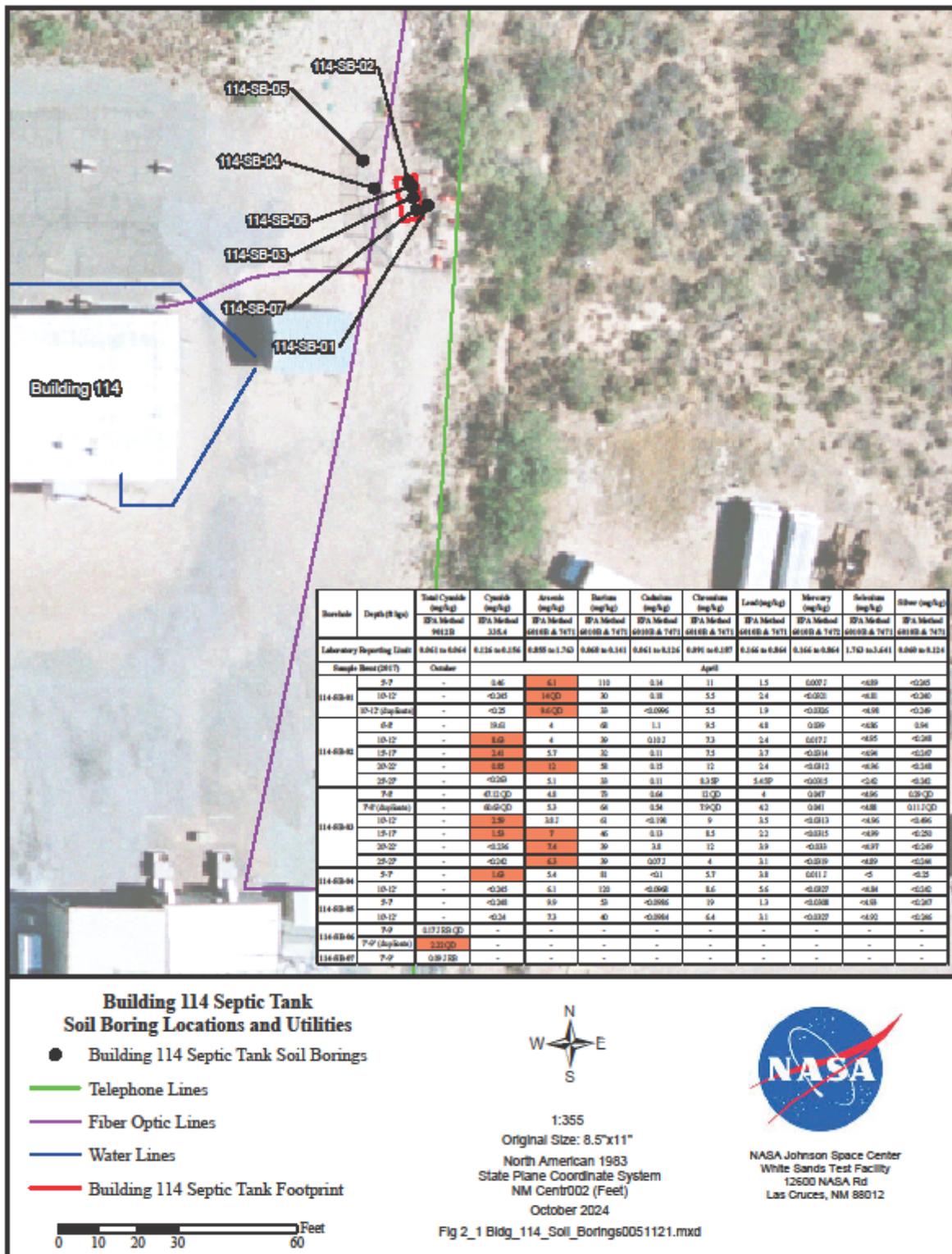


Figure 5. Location of SWMU 30, 200 Area Small Arms Range

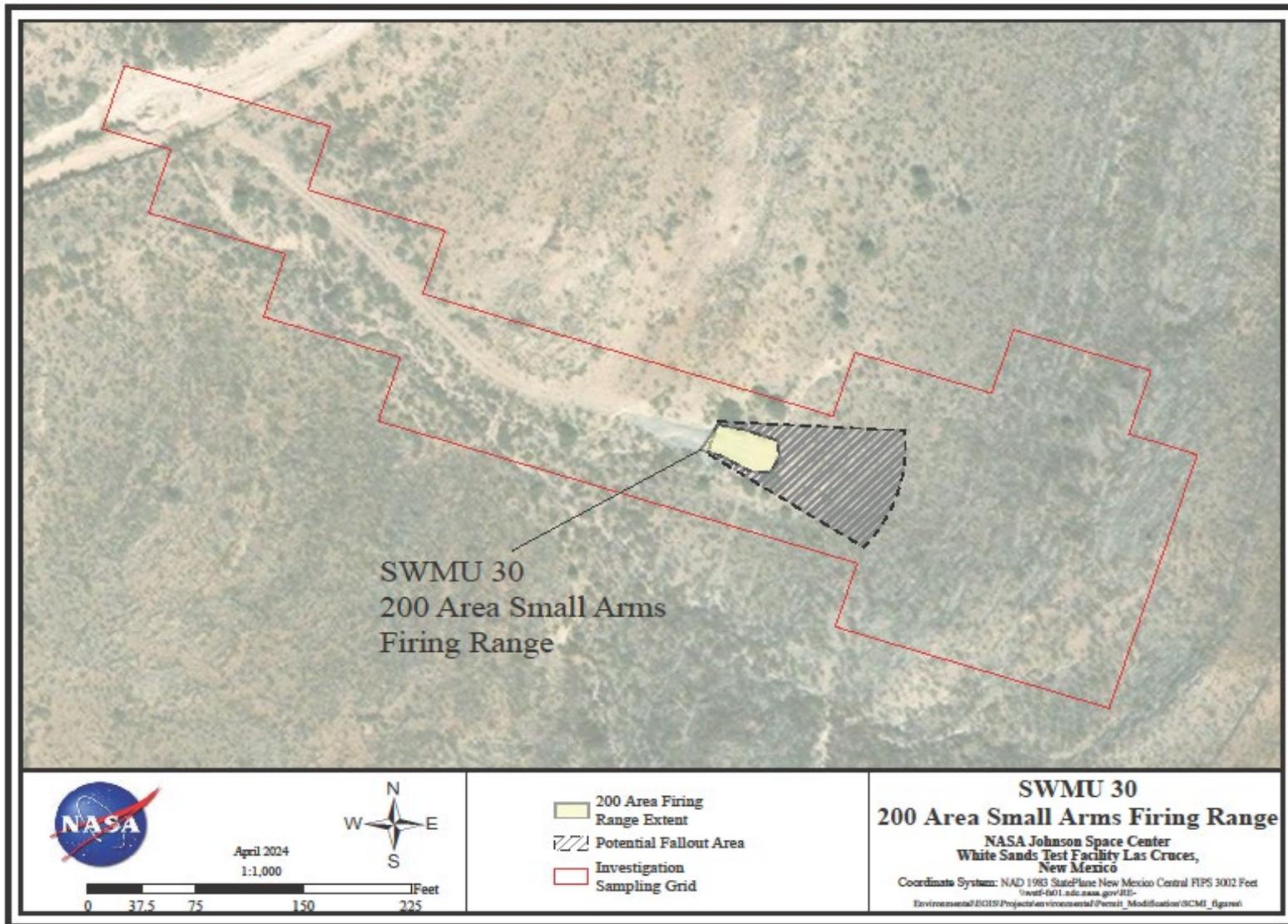


Figure 6. Discrete Sampling Locations in SWMU 30

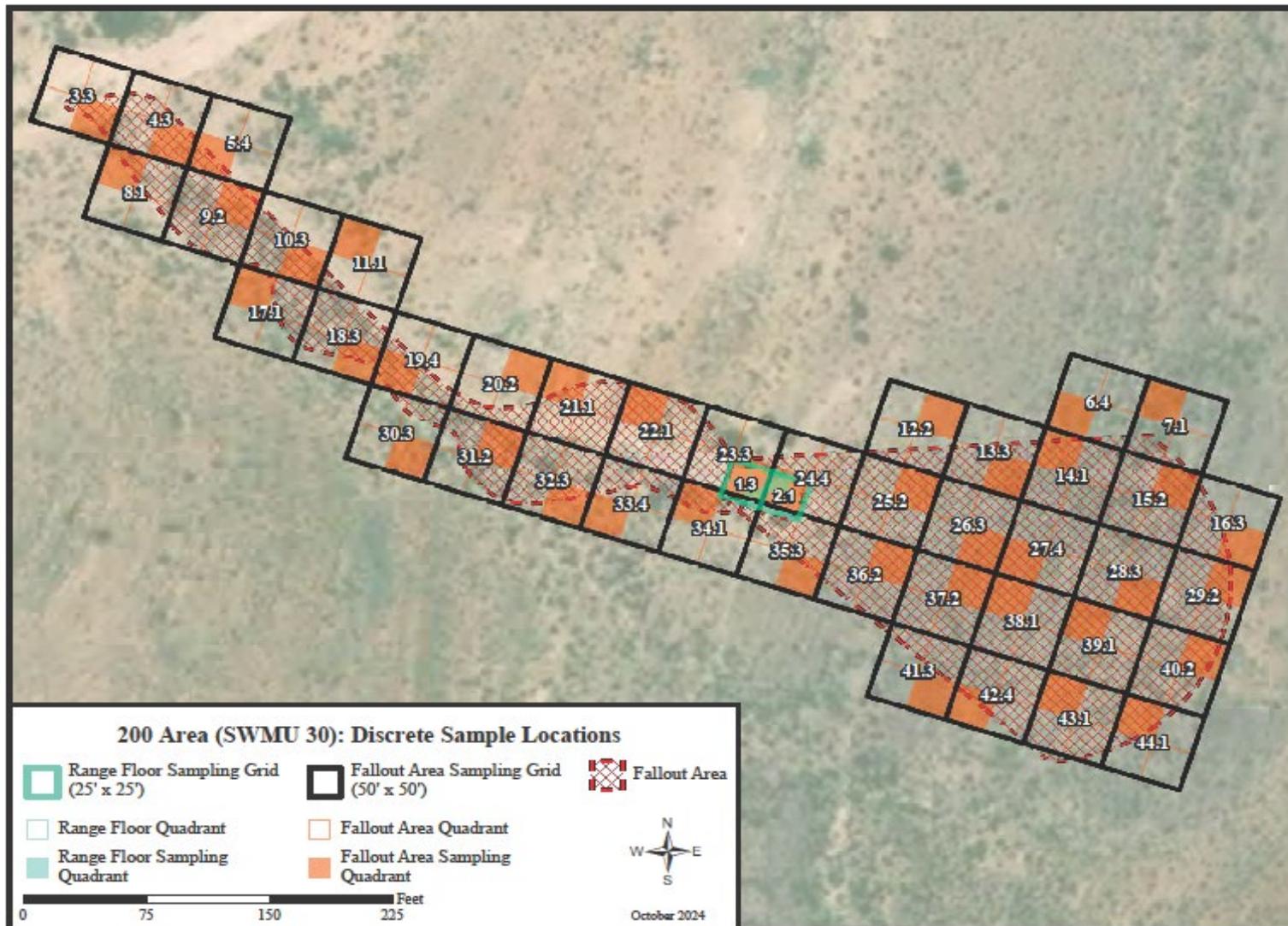
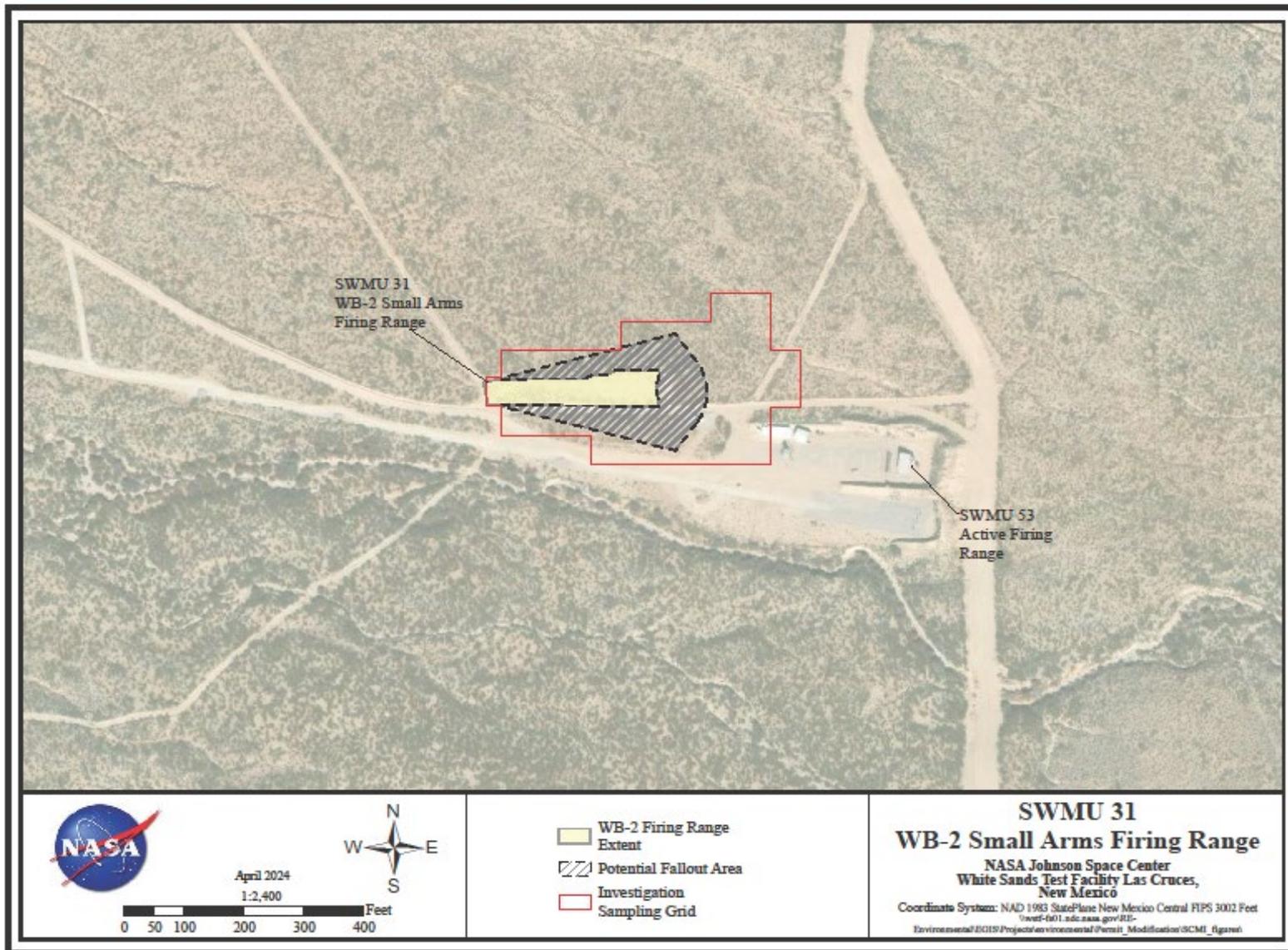


Figure 7. Location of SWMU 31 WB-2 Small Arms Firing Range



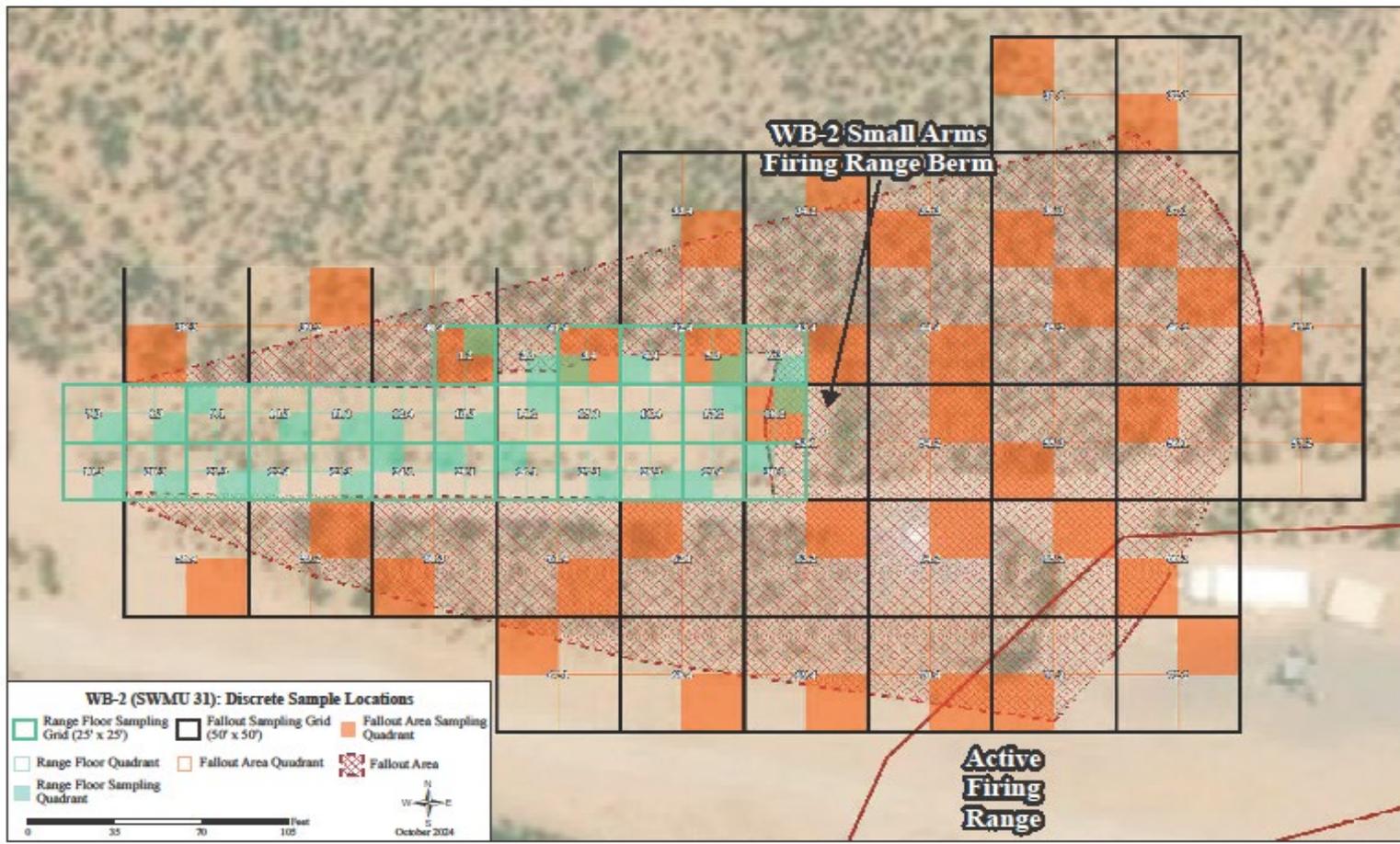


Figure 9. Location of SWMU 21 Guard Shack Septic Tank

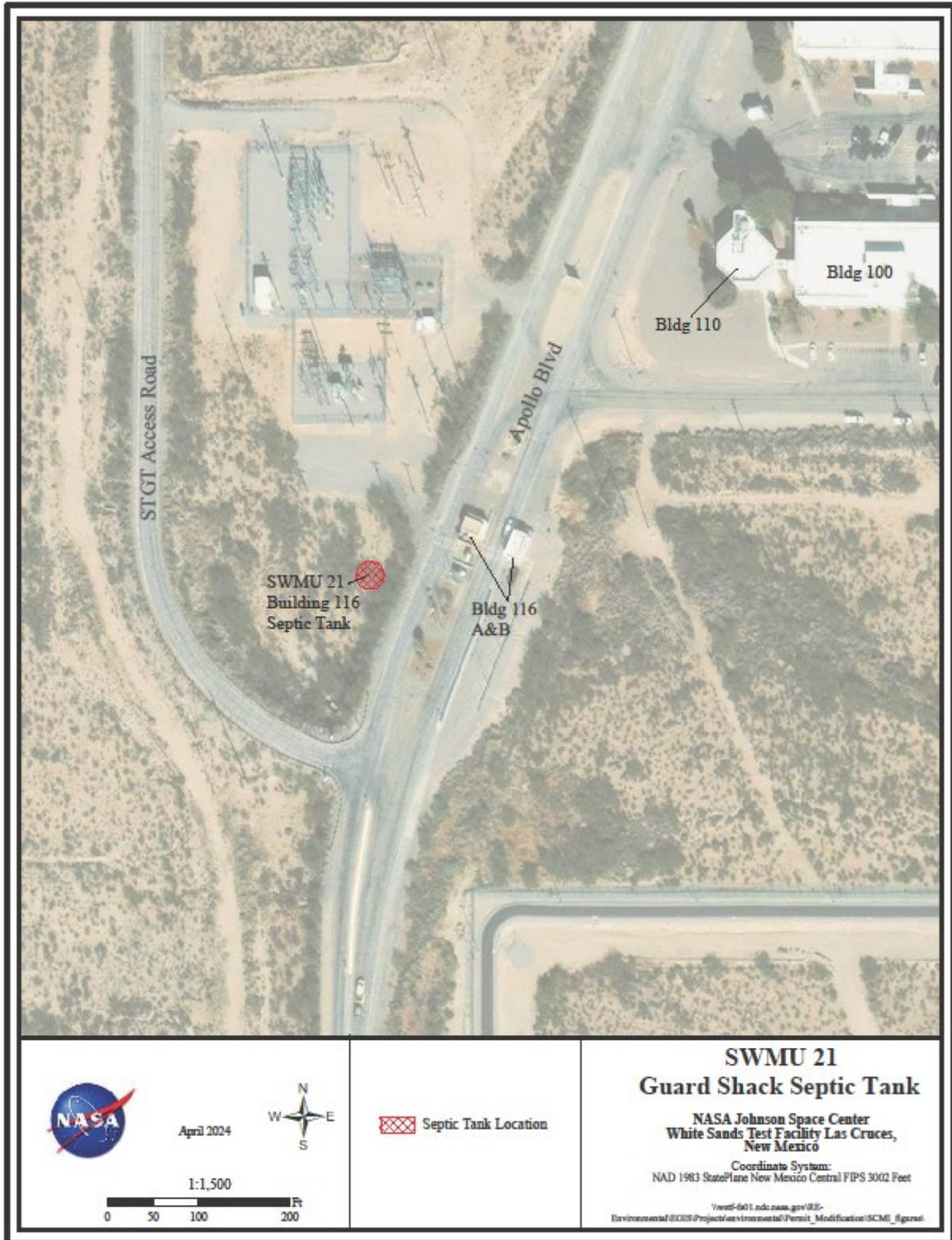


Figure 10. 200 Area SWMUs and Ancillary Septic Tanks

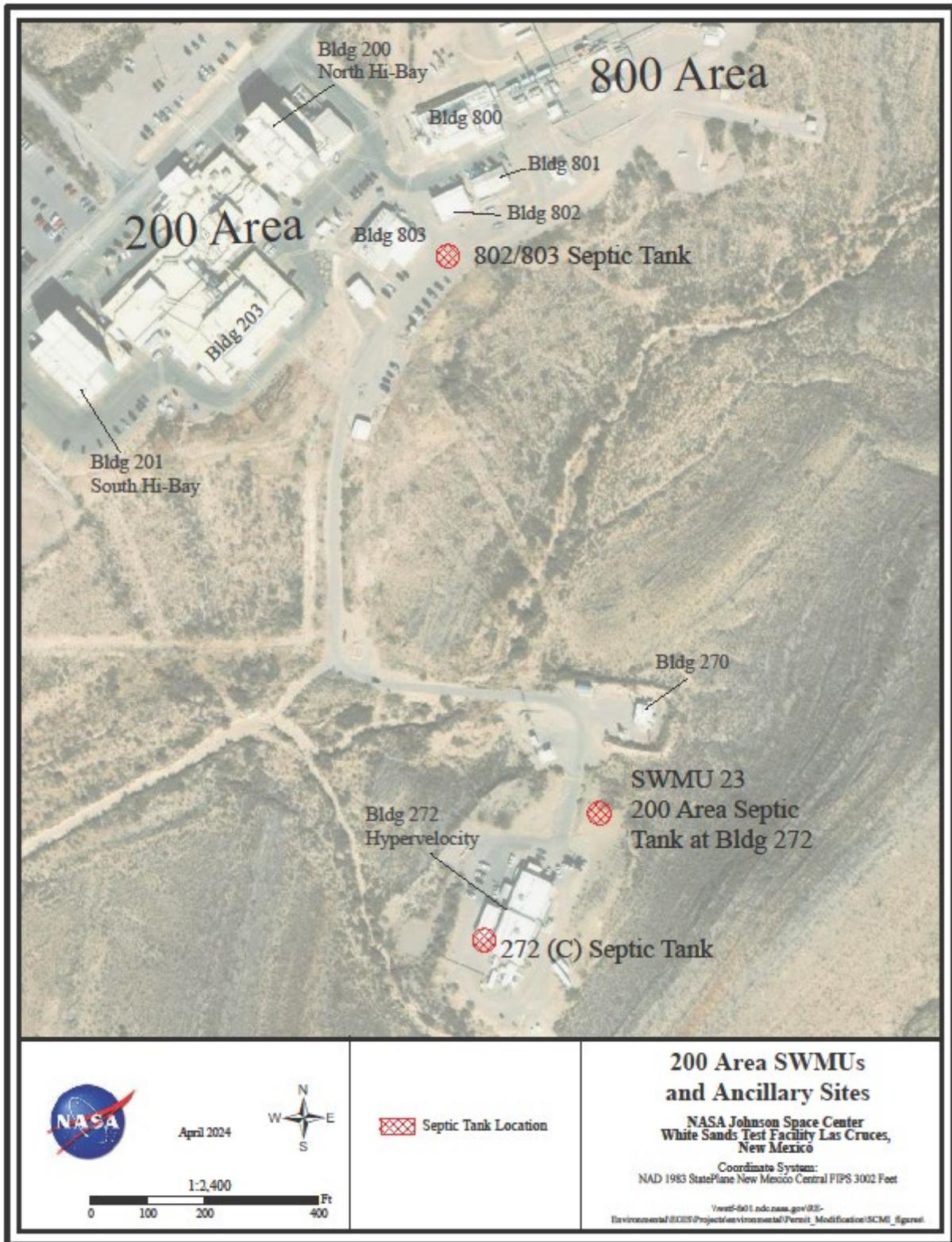


Figure 11. 300 Area SWMUs

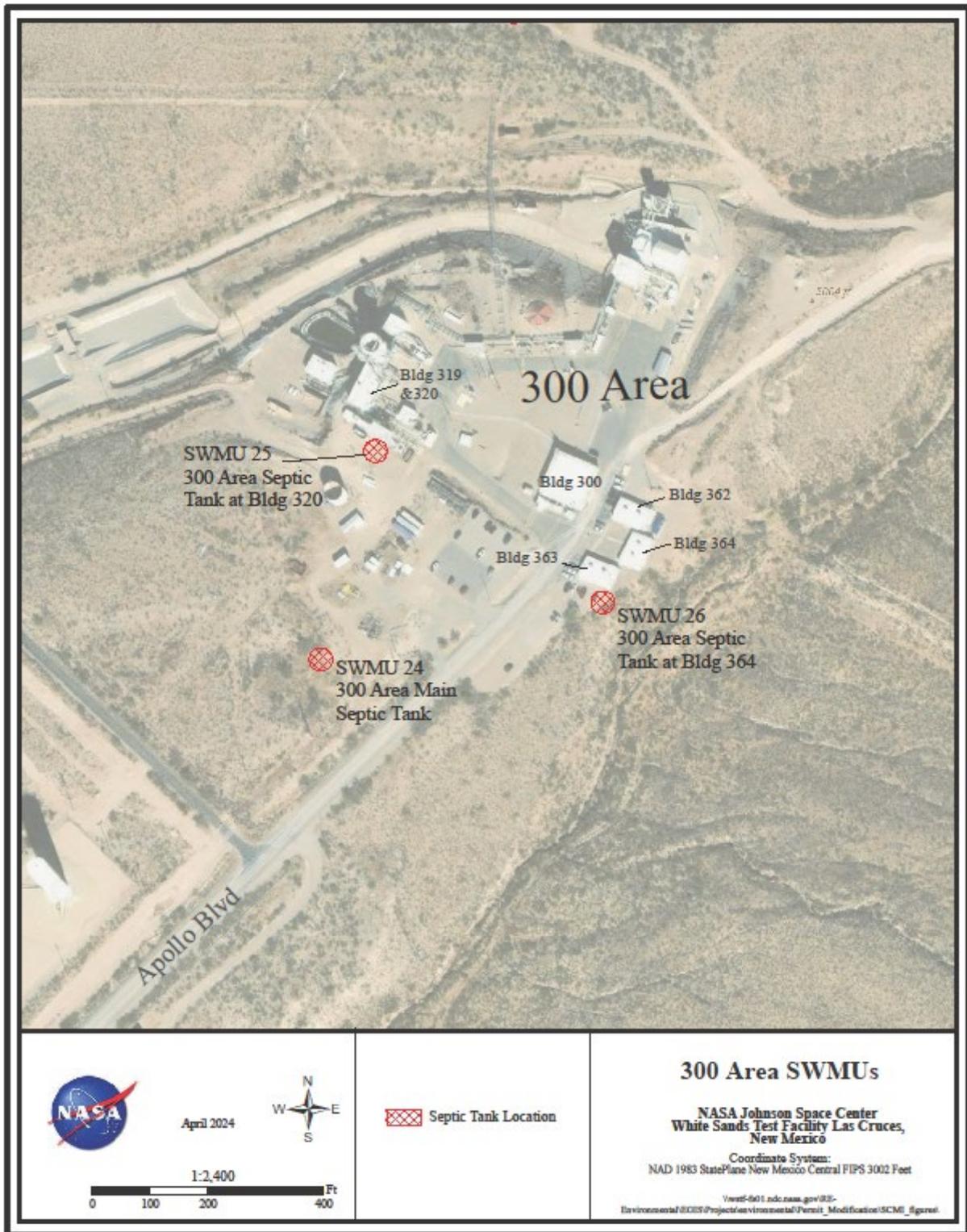


Figure 12. 400 Area SWMUs and Ancillary Septic Tanks

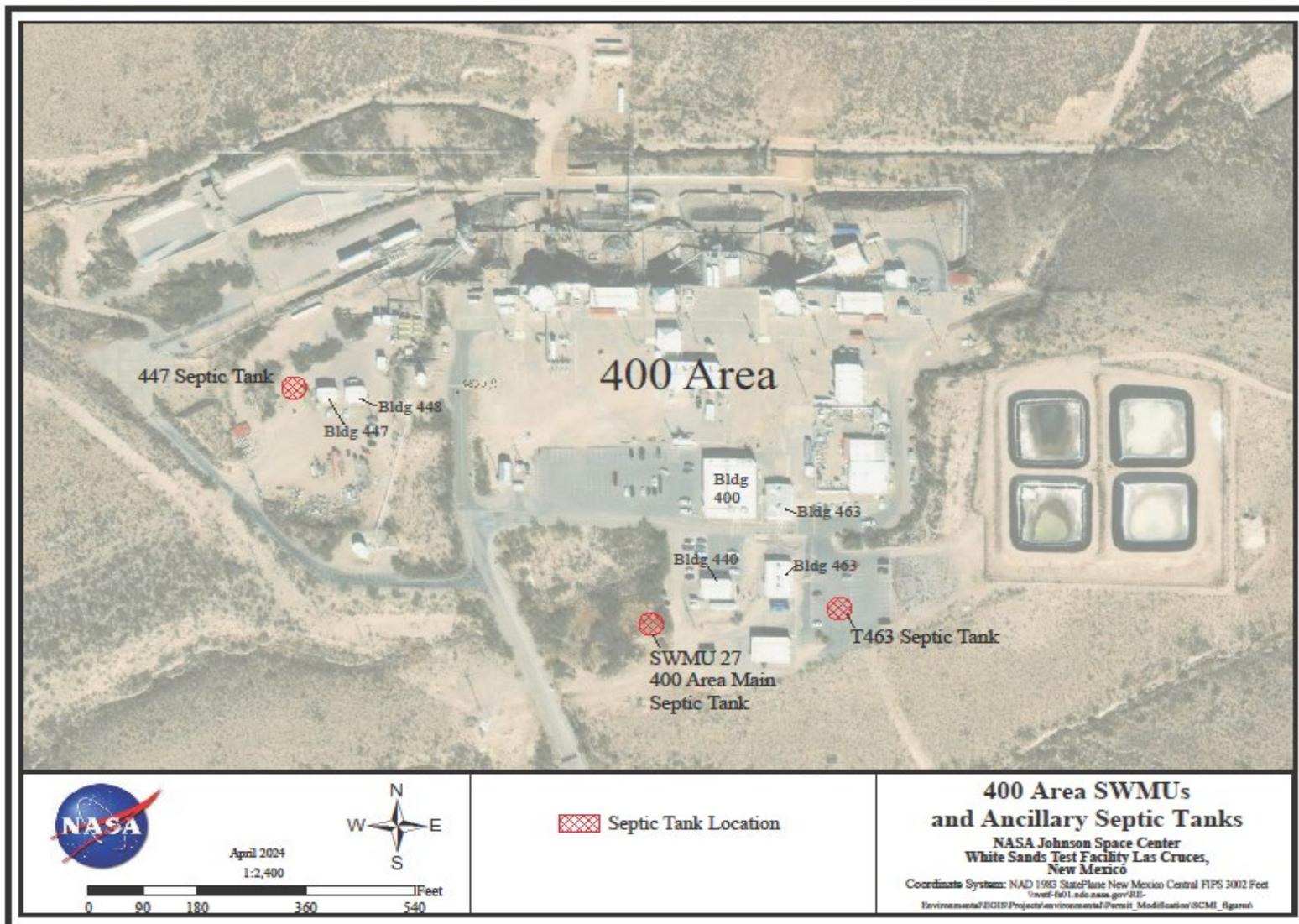


Figure 13. Building 650 Septic Tank

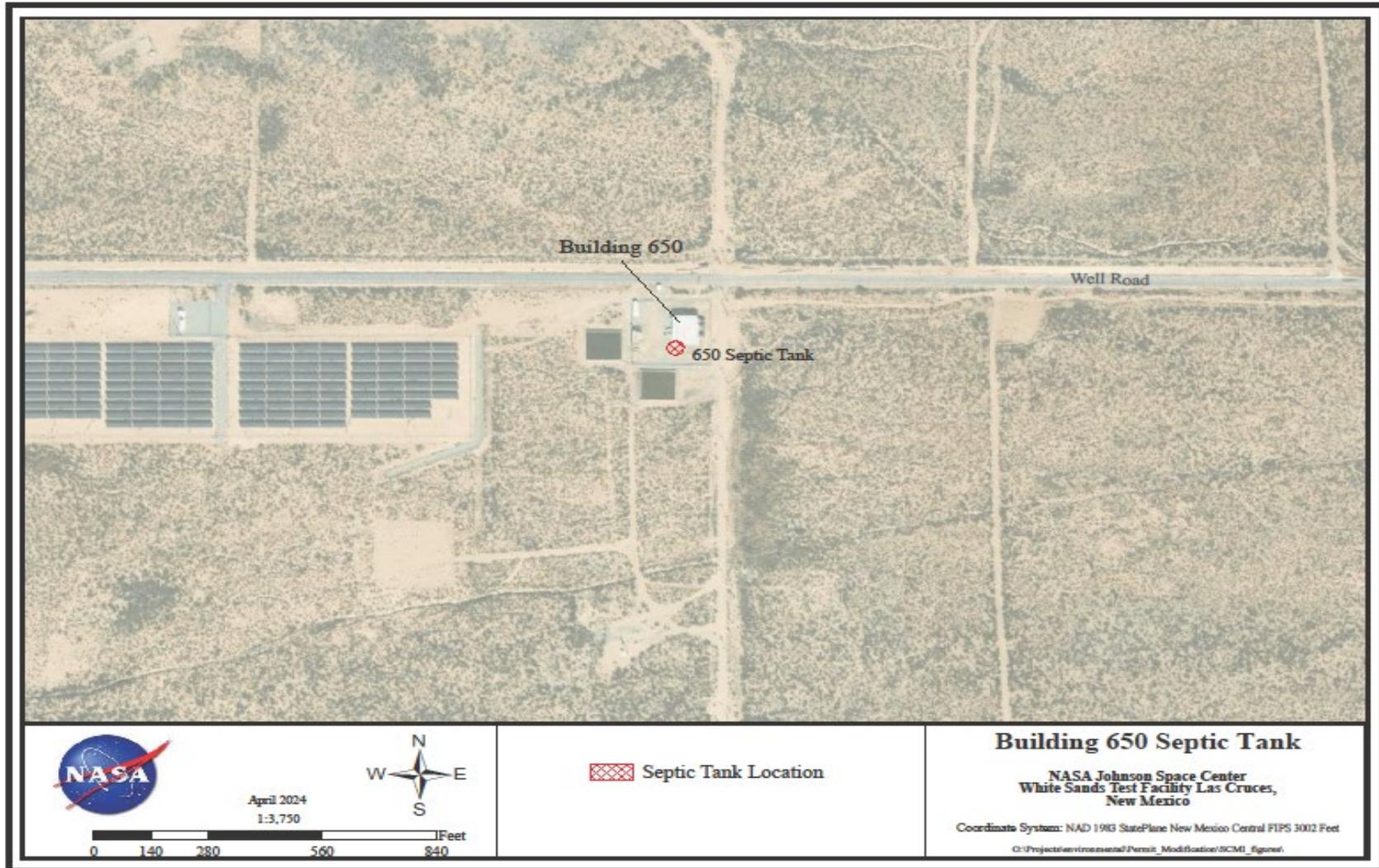
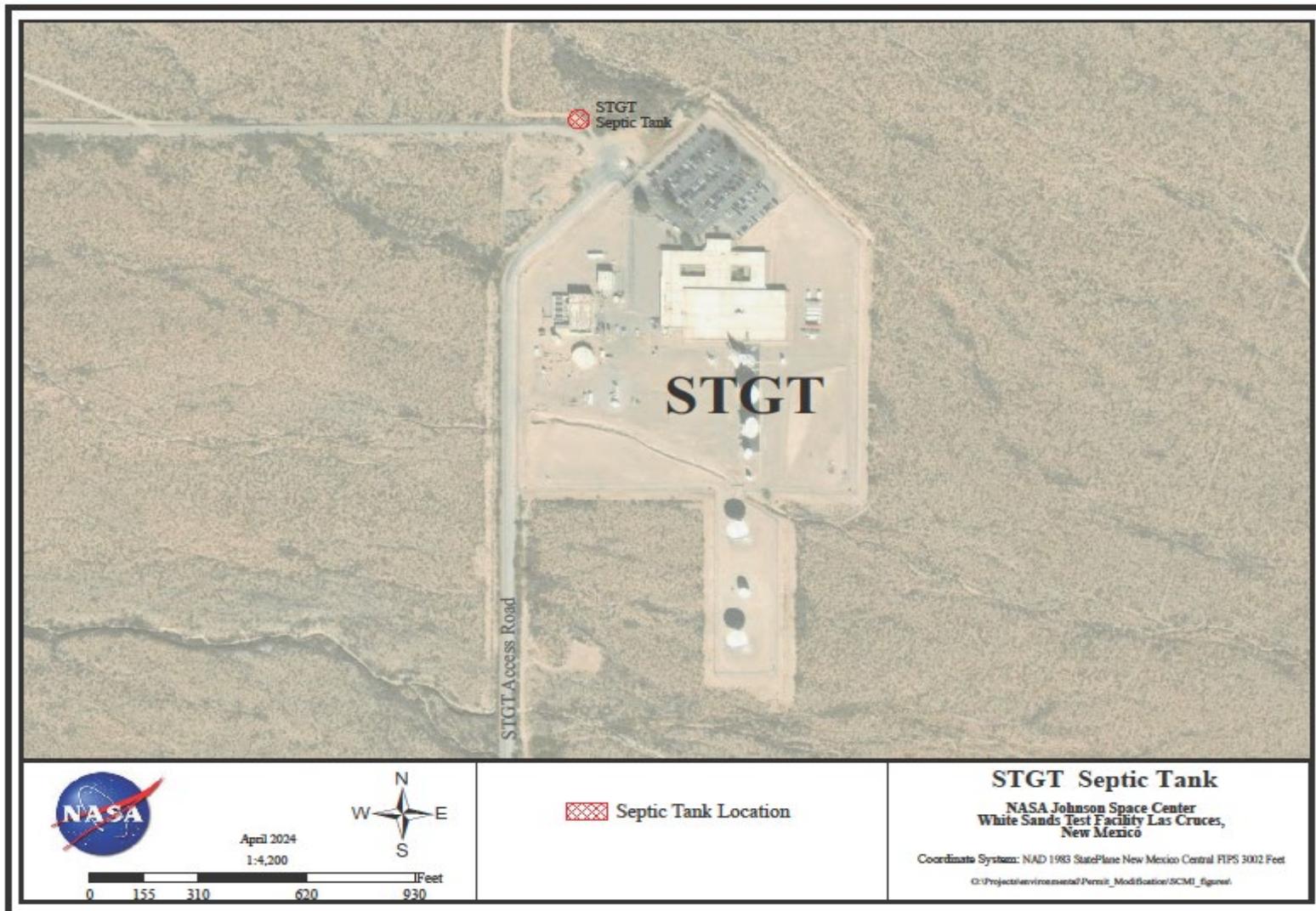


Figure 14. STGT Septic Tank



TABLES

Table 1.12. Administrative Changes

Permit Section	Item	Action	Description of Change
1.1	40 CFR § 272.1601 (2019)	Addition	Added 40 CFR § 272.1601 (2019) which grants New Mexico final authorization for its hazardous waste management program
1.7	Civil enforcement action	Addition	Added civil enforcement action citations under RCRA and HWA
Global	Contaminant	Substitution	Replaced “contaminant” with “chemicals” or “contaminated” or “contamination” or “substance” or “chemical of potential concern” to align with RCRA statutory definitions
Global	Contaminant	Revision	Updated terminology in various sections to clarify “contaminant” as a substance in environmental media that is not otherwise a hazardous waste or a hazardous constituent
Global	Contaminant	Deletion	Removed usage of the word “contaminant” where the context was not supported by RCRA statutory definitions
1.12	Emerging Contaminant	Addition	Added a definition as an emerging contaminant to distinguish between hazardous waste and hazardous constituent, and for which there are no regulatory standards.
1.12	Hazardous Waste	Revision	Updated terminology to include PFAS and clarify contaminant and hazardous constituent.
1.12	Per- and Polyfluoroalkyl substances (PFAS)	Revision	Updated terminology in the definition to expand on the previous listing in 2023 permit.
1.12	PFAS-Containing Class B Foams	Addition	Added the various types of firefighting foams since AFFF is in the definition of hazardous waste New Mexico House Bill 140
Global	Hazardous Constituent or Hazardous Waste	Addition/Revision	Clarified terminology to align with RCRA statutory definitions and regulations and applicability to environmental media
Global	EPA-validated sampling methods for PFAS	Addition	Clarified to utilize most-current EPA validated methods and to follow those sampling methods for the specific environmental media.
2.8	Recordkeeping and Reporting	Deletion	Removed extraneous requirements that were already stated.

3.5	PFAS Cleanup Levels	Addition	Clarified to utilize EPA RSLs for PFAS, which might be more stringent.
Global	Fate and Transport mechanisms	Revision	Replaced contaminant migration pathway
4.2.8	PFAS Vapor Intrusion	Addition	Clarified vapor intrusion from PFAS and to utilize EPA's VI guidance
Global	Sampling considerations and well construction for PFAS and non-PFAS chemicals	Addition	Clarified sampling techniques and well construction for PFAS and non-PFAS chemicals

ATTACHMENT 4

Corrective Action Status Tables

Table 4-1: SWMUs and AOCs Requiring Corrective Action

Unit ID	Unit Description	Work Plan Submittal Date
SWMU 1	100 Area Burn Pit	Submitted 7/30/14
SWMU 2	100 Area Sewage Lagoon	Submitted 10/15/12
SWMU 3	100 Area Container Storage Area	Submitted 7/30/14
SWMU 4	200 Area Clean Room Discharge Pipe	Submitted 3/28/12
SWMU 5	200 Area Scape Room Discharge Pipe	Submitted 3/28/12
SWMU 6	200 Area Building 203 Discharge Pipe	Submitted 3/28/12
SWMU 7	200 Area South Highbay Discharge Pipe	Submitted 3/28/12
SWMU 8	200 Area Sewage Lagoons	Submitted 10/15/12
SWMU 9	200 Area Burn Pit	Submitted 3/28/12
SWMU 10	200 Area Hazardous Waste Transmission Lines	Submitted 6/29/15
SWMU 11	300 Area Oxidizer Burner	60 days prior to closure
SWMU 12	400 Area Oxidizer Burner	60 days prior to closure
SWMU 13	Removed from Permit	Not Applicable
SWMU 14	600 Area JP Remote Test Area	Submitted 8/26/13
SWMU 15	600 Area Burn Pit	Submitted 7/30/14
SWMU 16	600 Area BLM Off-Site Pile	Submitted 12/29/14
SWMU 18	700 Area High Energy Blast Facility	60 days prior to closure
SWMU 19	800 Area Below Grade Storage Tank	Submitted 6/25/15
SWMU 20	800 Area Oxidizer Burner	60 days prior to closure
SWMU 21	100 Area Septic Tank at Guard Shack	Submitted 6/27/13
SWMU 22	100 Area Septic Tank at Bldg. 114	Submitted 6/27/13
SWMU 23	200 Area Septic Tank at Bldg. 272	Submitted 6/27/13
SWMU 24	300 Area Septic Tank at Main Parking Lot	Submitted 6/27/13
SWMU 25	300 Area Septic Tank at Bldg. 320	Submitted 6/27/13
SWMU 26	300 Area Septic Tank at Bldg. 364	Submitted 6/27/13
SWMU 27	400 Area Septic Tank at Main Parking Lot	Submitted 6/27/13
SWMU 29	Small Arms Range at second TDRSS Ground Terminal (STGT)	Submitted 2/26/15
SWMU 30	200 Area Small Arms Range	Submitted 2/26/15
SWMU 31	WB-2 Small Arms Firing Range	Submitted 2/26/15
SWMU 33	300 Area Test Stand 302 Cooling Water Pond	Submitted 8/17/20
SWMU 34	600 Area Sewage Overflow Lagoons	Submitted 10/15/12
SWMU 47	500 Area Fuel Storage Area	Submitted 9/26/18
SWMU 48	400 Area Salt Ponds	90 days prior to closure
SWMU 49	700 Area Landfill	Submitted 12/28/17
SWMU 50	First TDRSS Diesel Release	Submitted 6/29/16

AOC 51	Second TDRSS Sewage Lagoons	Submitted 10/15/12
SWMU 52	Second TDRSS UST	60 days prior to closure
SWMU 53	Active Firing Range	60 days prior to closure
SWMU 54	500 Area Former Oxidizer Burner	August 31, 2022

Table 4-2: SWMUs and AOCs with Corrective Action Complete with Controls

Unit ID	Unit Description	Comments

Table 4-3: SWMUs and AOCs with Corrective Action Complete without Controls

Unit ID	Unit Description	Comments
SWMU 21	100 Area Septic Tank at Guard Shack	Submitted 6/27/13
SWMU 22	100 Area Septic Tank at Bldg. 114	Submitted 6/27/13
SWMU 23	200 Area Septic Tank at Bldg. 272	Submitted 6/27/13
SWMU 24	300 Area Septic Tank at Main Parking Lot	Submitted 6/27/13
SWMU 25	300 Area Septic Tank at Bldg. 320	Submitted 6/27/13
SWMU 26	300 Area Septic Tank at Bldg. 364	Submitted 6/27/13
SWMU 27	400 Area Septic Tank at Main Parking Lot	Submitted 6/27/13
SWMU 30	200 Area Small Arms Range	Submitted 2/26/15
SWMU 31	WB 2 Small Arms Firing Range	Submitted 2/26/15
NA	250 Area Septic Tank	Submitted 11/8/2013
NA	Building 272 (Tank C)	Submitted 11/8/2013
NA	Building T463 Septic Tank	Submitted 11/8/2013
NA	Building 447 Septic Tank	Submitted 11/8/2013
NA	Building 650 Septic Tank	Submitted 11/8/2013
NA	Buildings 802 and 803 Septic Tank	Submitted 11/8/2013
NA	STGT operations building Septic Tank	Submitted 11/8/2013

Table 4-4: Hazardous Waste HWMUs

Unit ID	Unit Description	Comments
ETU	Evaporation Treatment Unit	Clean Closed
FTU	Fuel Treatment Unit	Clean Closed
700 Area OD Unit	Open Detonation Treatment Unit	Clean Closed
200 Area East Closure (Chemistry Lab Tank)	UST	Post Closure Care
200 Area West Closure (Clean Room Tanks)	USTs	Post Closure Care
300 Area Closure	Surface impoundment	Post Closure Care
400 Area Closure	Surface impoundment	Post Closure Care

New Mexico Environment Department
February 21, 2026

NASA WSTF
RCRA Permit No. NM8800019434

600 Area Closure	Surface impoundments	Post Closure Care

Table 8-1. WSTF Septic Tank History

Septic Tank Designation	SWMU	NMED Liquid Waste Program (LWP) Permit Number	Date Installed	Date Removed	Size (gallons)	Wastes Discharged to Septic System
100 Area Septic Tank at Guard Shack	21	NA	1966	7/17/2017	500	Sewage, hand-washing and common janitorial supply wastes
200 Area Septic Tank at Building 272	23	LC 910939	12/19/1991	12/16/2015	1200	Sewage, hand-washing and common janitorial supply wastes
300 Area Septic Tank at Main Parking Lot	24	NA	1963	3/4/2016	5800	Sewage, hand-washing, and common janitorial supply wastes
300 Area Septic Tank at Building 320	25	LC 930858	8/1993	2/10/2016	1200	Sewage, hand-washing, and common janitorial supply wastes
300 Area Septic Tank at Building 364	26	LC 910918	12/1991	5/20/2015	1200	Sewage, hand-washing, and common janitorial supply wastes
400 Area Septic Tank at Main Parking Lot	27	NA	1964	3/8/2016	6200	Sewage, hand-washing, and common janitorial supply wastes
250 Area Tank	NA	NA	1963 or 1964	Unknown		Sewage and hand-washing wastes
Building 272 (Tank C)	NA	DP-392	4/15/2005	12/16/2015	900	Hand-washing and common janitorial supply wastes
Building T463	NA	LC 920527	5/1992 to 4/1994	1/28/2015	1200	Sewage, hand-washing, and common janitorial supply wastes
Building 447	NA	LC 900333	5/8/1990	2/18/2016	750	Sewage, hand-washing, and common janitorial supply wastes
Building 650	NA	DA 010359	4/2001	2/17/2016	1200	Sewage and hand-washing wastes
Buildings 802 & 803	NA	LC 870401	4/1987	6/21/2017	1500	Test article washing, washing machine, sewage, hand-washing, and common janitorial supply wastes
STGT	NA	LC 890939	10/1989	7/19/2017	1200	Sewage, hand-washing, and common janitorial supply wastes

NA means Not Applicable