

RCRA PART A
PERMIT APPLICATION
FOR WASTE MANAGEMENT ACTIVITIES
AT THE NEVADA NATIONAL SECURITY
SITE

HAZARDOUS WASTE STORAGE UNIT
(HWSU)

EXPLOSIVE ORDNANCE DISPOSAL
UNIT (EODU)

MIXED WASTE STORAGE UNIT (MWSU)

MIXED WASTE DISPOSAL UNIT (MWDU)

MAY 2015

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
RCRA SUBTITLE C SITE IDENTIFICATION FORM

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<p>SEND COMPLETED FORM TO: The Appropriate State or Regional Office.</p>	<p>United States Environmental Protection Agency RCRA SUBTITLE C SITE IDENTIFICATION FORM</p>		
<p>1. Reason for Submittal</p> <p>MARK ALL BOX(ES) THAT APPLY</p>	<p>Reason for Submittal:</p> <p><input type="checkbox"/> To provide an Initial Notification (first time submitting site identification information / to obtain an EPA ID number for this location)</p> <p><input type="checkbox"/> To provide a Subsequent Notification (to update site identification information for this location)</p> <p><input checked="" type="checkbox"/> As a component of a First RCRA Hazardous Waste Part A Permit Application</p> <p><input type="checkbox"/> As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment # _____)</p> <p><input type="checkbox"/> As a component of the Hazardous Waste Report (If marked, see sub-bullet below)</p> <p><input type="checkbox"/> Site was a TSD facility and/or generator of >1,000 kg of hazardous waste, >1 kg of acute hazardous waste, or >100 kg of acute hazardous waste spill cleanup in one or more months of the report year (or State equivalent LQG regulations)</p>		
<p>2. Site EPA ID Number</p>	<p>EPA ID Number <input type="text" value="N"/> <input type="text" value="V"/> <input type="text" value="3"/> <input type="text" value="8"/> <input type="text" value="9"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="9"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="1"/></p>		
<p>3. Site Name</p>	<p>Name: U.S. Department of Energy - Nevada National Security Site</p>		
<p>4. Site Location Information</p>	<p>Street Address: Mercury Highway and Hardtack Avenue, Building 23-111</p>		
	<p>City, Town, or Village: Mercury</p>	<p>County: Nye</p>	
	<p>State: Nevada</p>	<p>Country: USA</p>	<p>Zip Code: 89061</p>
<p>5. Site Land Type</p>	<p><input type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input checked="" type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other</p>		
<p>6. NAICS Code(s) for the Site (at least 5-digit codes)</p>	<p>A. <input type="text" value="9"/> <input type="text" value="2"/> <input type="text" value="8"/> <input type="text" value="1"/> <input type="text" value="1"/></p>	<p>c. <input type="text" value="5"/> <input type="text" value="4"/> <input type="text" value="1"/> <input type="text" value="3"/> <input type="text" value="3"/></p>	
	<p>B. <input type="text" value="5"/> <input type="text" value="4"/> <input type="text" value="1"/> <input type="text" value="7"/> <input type="text" value="1"/></p>	<p>D. <input type="text" value="5"/> <input type="text" value="6"/> <input type="text" value="2"/> <input type="text" value="9"/> <input type="text" value="9"/></p>	
<p>7. Site Mailing Address</p>	<p>Street or P.O. Box: P. O. Box 98518</p>		
	<p>City, Town, or Village: Las Vegas</p>		
	<p>State: Nevada</p>	<p>Country: USA</p>	<p>Zip Code: 89193-8514</p>
<p>8. Site Contact Person</p>	<p>First Name: Kenneth MI: M Last: Small</p>		
	<p>Title: RCRA Program Manager</p>		
	<p>Street or P.O. Box: P. O. Box 98518</p>		
	<p>City, Town or Village: Las Vegas</p>		
	<p>State: Nevada</p>	<p>Country: USA</p>	<p>Zip Code: 89193-8514</p>
	<p>Email: ken.small@nnsa.doe.gov</p>		
<p>9. Legal Owner and Operator of the Site</p>	<p>A. Name of Site's Legal Owner: U.S. DOE NNSA/NFO</p>		<p>Date Became Owner: 02/12/1952</p>
	<p>Owner Type: <input type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input checked="" type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other</p>		
	<p>Street or P.O. Box: P. O. Box 98518</p>		
	<p>City, Town, or Village: Las Vegas</p>		<p>Phone: 702-295-0925</p>
	<p>State: Nevada</p>	<p>Country: USA</p>	<p>Zip Code: 89193-8518</p>
	<p>B. Name of Site's Operator: National Security Technologies, LLC</p>		<p>Date Became Operator: 07/01/2006</p>
<p>Operator Type: <input checked="" type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other</p>			

10. Type of Regulated Waste Activity (at your site)
 Mark "Yes" or "No" for all current activities (as of the date submitting the form); complete any additional boxes as instructed.

A. Hazardous Waste Activities; Complete all parts 1-10.

- Y N **1. Generator of Hazardous Waste**
 If "Yes," mark only one of the following – a, b, or c.
- a. LQG: Generates, in any calendar month, 1,000 kg/mo (2,200 lbs/mo.) or more of hazardous waste; or Generates, in any calendar month, accumulates at any time, more than 1 kg/mo (2.2 lbs/mo) of acute hazardous waste; or Generates, in any calendar month, accumulates at any time, more than 100 kg/mo (220 lbs/mo) of acute hazardous spill cleanup material.
 - b. SQG: 100 to 1,000 kg/mo (220 – 2,200 lbs/mo) of non-acute hazardous waste.
 - c. CESQG: Less than 100 kg/mo (220 lbs/mo) of non-acute hazardous waste.
- If "Yes" above, indicate other generator activities in 2-10.

- Y N **2. Short-Term Generator** (generate from a short-term or one-time event and not from on-going processes). If "Yes," provide an explanation in the Comments section.
- Y N **3. United States Importer of Hazardous Waste**
- Y N **4. Mixed Waste (hazardous and radioactive) Generator**

- Y N **5. Transporter of Hazardous Waste**
 If "Yes," mark all that apply.
- a. Transporter
 - b. Transfer Facility (at your site)
- Y N **6. Treater, Storer, or Disposer of Hazardous Waste** Note: A hazardous waste Part B permit is required for these activities.
- Y N **7. Recycler of Hazardous Waste**
- Y N **8. Exempt Boiler and/or Industrial Furnace**
 If "Yes," mark all that apply.
- a. Small Quantity On-site Burner Exemption
 - b. Smelting, Melting, and Refining Furnace Exemption
- Y N **9. Underground Injection Control**
- Y N **10. Receives Hazardous Waste from Off-site**

B. Universal Waste Activities; Complete all parts 1-2.

- Y N **1. Large Quantity Handler of Universal Waste (you accumulate 5,000 kg or more) [refer to your State regulations to determine what is regulated]. Indicate types of universal waste managed at your site. If "Yes," mark all that apply.**
- a. Batteries
 - b. Pesticides
 - c. Mercury containing equipment
 - d. Lamps
 - e. Other (specify) _____
 - f. Other (specify) _____
 - g. Other (specify) _____

- Y N **2. Destination Facility for Universal Waste**
 Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities; Complete all parts 1-4.

- Y N **1. Used Oil Transporter**
 If "Yes," mark all that apply.
- a. Transporter
 - b. Transfer Facility (at your site)
- Y N **2. Used Oil Processor and/or Re-refiner**
 If "Yes," mark all that apply.
- a. Processor
 - b. Re-refiner
- Y N **3. Off-Specification Used Oil Burner**
- Y N **4. Used Oil Fuel Marketer**
 If "Yes," mark all that apply.
- a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner
 - b. Marketer Who First Claims the Used Oil Meets the Specifications

D. Eligible Academic Entities with Laboratories—Notification for opting into or withdrawing from managing laboratory hazardous wastes pursuant to 40 CFR Part 262 Subpart K

❖ You can ONLY Opt into Subpart K if:

- you are at least one of the following: a college or university; a teaching hospital that is owned by or has a formal affiliation agreement with a college or university; or a non-profit research institute that is owned by or has a formal affiliation agreement with a college or university; AND
- you have checked with your State to determine if 40 CFR Part 262 Subpart K is effective in your state

Y N 1. Opting into or currently operating under 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories
See the item-by-item instructions for definitions of types of eligible academic entities. Mark all that apply:

- a. College or University
- b. Teaching Hospital that is owned by or has a formal written affiliation agreement with a college or university
- c. Non-profit Institute that is owned by or has a formal written affiliation agreement with a college or university

Y N 2. Withdrawing from 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories

11. Description of Hazardous Waste

A. Waste Codes for Federally Regulated Hazardous Wastes. Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed.

Attachment A						

B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes. Please list the waste codes of the State-Regulated hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed.

Attachment B						

12. Notification of Hazardous Secondary Material (HSM) Activity

Y N Are you notifying under 40 CFR 260.42 that you will begin managing, are managing, or will stop managing hazardous secondary material under 40 CFR 261.2(a)(2)(ii), 40 CFR 261.4(a)(23), (24), or (25)?

If "Yes," you must fill out the Addendum to the Site Identification Form: Notification for Managing Hazardous Secondary Material.

13. Comments

Section 4 - The NNSS is located at longitude 116 degrees, 11 minutes, and 00 seconds West; latitude 37 degrees, 02 minutes, and 00 seconds North.

14. Certification. 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 fines and imprisonment for knowing violations. For the RCRA Hazardous Waste Part A Permit Application, all owner(s) and operator(s) must sign (see 40 CFR 270.10(b) and 270.11).

Signature of legal owner, operator, or an authorized representative	Name and Official Title (type or print)	Date Signed (mm/dd/yyyy)
/s/: Steven J. Lawrence	Steven J. Lawrence	5.29.15
	NNSA/NFO - Owner	
/s/: Raymond J. Juzaitis	Raymond J. Juzaitis, PhD, President	05/19/2015
	NSTec LLC - Operator	

EPA ID NO: NV3 890 090 001

RCRA Subtitle C Site Identification Form

Section 11.B

Attachment B – Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Waste

1. California Waste Codes:

Code	Description	Code	Description
141	Off-specification, aged, or surplus inorganics	351	Organic solids with halogens
151	Asbestos-containing waste	352	Other organic solids
161	Fluid-cracking catalyst waste	411	Alum and gypsum sludge
162	Other spent catalyst	421	Lime sludge
171	Metal sludge	431	Phosphate sludge
172	Metal dust and machining waste	441	Sulfur sludge
181	Other inorganic solids	451	Degreasing sludge
211	Halogenated solvents	431	Paint sludge
212	Oxygenated solvents	471	Paper sludge/pulp
213	Hydrocarbon solvents	481	Tetraethyl lead sludge
214	Unspecified solvent mixture	491	Unspecified sludge waste
221	Waste oil and mixed oil	511	Empty pesticide containers ≥ 30 gallons
222	Oil/water separation sludge	512	Other empty containers ≥ 30 gallons
223	Unspecified oil-containing waste	513	Empty containers ≤ 30 gallons
232	Pesticides and other waste associated with pesticide production	521	Drilling mud
241	Tank bottom waste	531	Chemical toilet waste
251	Still bottoms with halogenated solvents	541	Photo chemicals/photo processing waste
252	Other still bottom wastes	551	Laboratory waste chemicals
261	Polychlorinated biphenyls and material containing PCBs	561	Detergent and soap
271	Organic monomer waste (includes unreacted resins)	571	Fly ash, bottom ash, and retort ash
272	Polymeric resin waste	581	Gas scrubber waste
281	Adhesives	591	Bag house waste
291	Latex wastes	611	Contaminated soil from site clean ups
311	Pharmaceutical waste	612	Household waste
321	Sewage sludge	613	Autoshredder waste
322	Biological waste other than sewage sludge	751	Solids or sludges with halogenated organic compounds ≥ 100 mg/Kg
331	Off-specification, aged, or surplus organics		

2. Wastes meeting the definition of “hazardous waste” in Nevada Administrative Code 444.843, which includes waste containing polychlorinated biphenyls and waste brought into the State of Nevada that is designated as hazardous waste in the State of its origin

3. Wastes containing friable and nonfriable asbestos

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
HAZARDOUS WASTE PERMIT INFORMATION FORM**

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7. Process Codes and Design Capacities – Enter information in the Section on Form Page 3

- A. PROCESS CODE** – Enter the code from the list of process codes below that best describes each process to be used at the facility. If more lines are needed, attach a separate sheet of paper with the additional information. For “other” processes (i.e., D99, S99, T04 and X99), describe the process (including its design capacity) in the space provided in Item 8.
- B. PROCESS DESIGN CAPACITY** – For each code entered in Item 7.A; enter the capacity of the process.
- AMOUNT** – Enter the amount. In a case where design capacity is not applicable (such as in a closure/post-closure or enforcement action) enter the total amount of waste for that process.
 - UNIT OF MEASURE** – For each amount entered in Item 7.B(1), enter the code in Item 7.B(2) from the list of unit of measure codes below that describes the unit of measure used. Select only from the units of measure in this list.
- C. PROCESS TOTAL NUMBER OF UNITS** – Enter the total number of units for each corresponding process code.

Process Code	Process	Appropriate Unit of Measure for Process Design Capacity	Process Code	Process	Appropriate Unit of Measure for Process Design Capacity
Disposal			Treatment (Continued)		
D79	Underground Injection Well Disposal	Gallons; Liters; Gallons Per Day; or Liters Per Day	T81	Cement Kiln	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; BTU Per Hour; Liters Per Hour; Kilograms Per Hour; or Million BTU Per Hour
D80	Landfill	Acre-feet; Hectares-meter; Acres; Cubic Meters; Hectares; Cubic Yards	T82	Lime Kiln	
D81	Land Treatment	Acres or Hectares	T83	Aggregate Kiln	
D82	Ocean Disposal	Gallons Per Day or Liters Per Day	T84	Phosphate Kiln	
D83	Surface Impoundment Disposal	Gallons; Liters; Cubic Meters; or Cubic Yards	T85	Coke Oven	
D99	Other Disposal	Any Unit of Measure Listed Below	T86	Blast Furnace	
Storage			T87	Smelting, Melting, or Refining Furnace	
S01	Container	Gallons; Liters; Cubic Meters; or Cubic Yards	T88	Titanium Dioxide Chloride Oxidation Reactor	
S02	Tank Storage	Gallons; Liters; Cubic Meters; or Cubic Yards	T89	Methane Reforming Furnace	
S03	Waste Pile	Cubic Yards or Cubic Meters	T90	Pulping Liquor Recovery Furnace	
S04	Surface Impoundment	Gallons; Liters; Cubic Meters; or Cubic Yards	T91	Combustion Device Used in the Recovery of Sulfur Values from Spent Sulfuric Acid	
S05	Drip Pad	Gallons; Liters; Cubic Meters; Hectares; or Cubic Yards	T92	Halogen Acid Furnaces	
S06	Containment Building Storage	Cubic Yards or Cubic Meters	T93	Other Industrial Furnaces Listed in 40 CFR 260.10	
S99	Other Storage	Any Unit of Measure Listed Below	T94	Containment Building Treatment	Cubic Yards; Cubic Meters; Short Tons Per Hour; Gallons Per Hour; Liters Per Hour; BTU Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Metric Tons Per Day; Gallons Per Day; Liters Per Day; Metric Tons Per Hour; or Million BTU Per Hour
Treatment			Miscellaneous (Subpart X)		
T01	Tank Treatment	Gallons Per Day; Liters Per Day	X01	Open Burning/Open Detonation	Any Unit of Measure Listed Below
T02	Surface Impoundment	Gallons Per Day; Liters Per Day	X02	Mechanical Processing	Short Tons Per Hour; Metric Tons Per Hour; Short Tons Per Day; Metric Tons Per Day; Pounds Per Hour; Kilograms Per Hour; Gallons Per Hour; Liters Per Hour; or Gallons Per Day
T03	Incinerator	Short Tons Per Hour; Metric Tons Per Hour; Gallons Per Hour; Liters Per Hour; BTUs Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Gallons Per Day; Metric Tons Per Hour; or Million BTU Per Hour	X03	Thermal Unit	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; BTU Per Hour; or Million BTU Per Hour
T04	Other Treatment	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Short Tons Per Day; BTUs Per Hour; Gallons Per Day; Liters Per Hour; or Million BTU Per Hour	X04	Geologic Repository	Cubic Yards; Cubic Meters; Acre-feet; Hectare-meter; Gallons; or Liters
T80	Boiler	Gallons; Liters; Gallons Per Hour; Liters Per Hour; BTUs Per Hour; or Million BTU Per Hour	X99	Other Subpart X	Any Unit of Measure Listed Below
Unit of Measure		Unit of Measure Code	Unit of Measure		Unit of Measure Code
Gallons		G	Short Tons Per Hour		D
Gallons Per Hour.....		E	Short Tons Per Day		N
Gallons Per Day		U	Metric Tons Per Hour		W
Liters.....		L	Metric Tons Per Day		S
Liters Per Hour.....		H	Pounds Per Hour.....		J
Liters Per Day.....		V	Kilograms Per Hour.....		X
			Million BTU Per Hour.....		X
			Cubic Yards		Y
			Cubic Meters.....		C
			Acres.....		B
			Acre-feet		A
			Hectares.....		Q
			Hectare-meter		F
			BTU Per Hour.....		I

7. Process Codes and Design Capacities (Continued)

EXAMPLE FOR COMPLETING Item 7 (shown in line number X-1 below): A facility has a storage tank, which can hold 533.788 gallons.

Line Number	A. Process Code (From list above)				B. PROCESS DESIGN CAPACITY		C. Process Total Number of Units	For Official Use Only					
					(1) Amount (Specify)	(2) Unit of Measure							
X	1	S	0	2	533.788	G	001						
	1	D	8	0	25,485.00	C	001						
	2	S	0	1	18,491.00	C	002						
	3	X	0	1	100.00	J	001						
	4												
	5												
	6												
	7												
	8												
	9												
1	0												
1	1												
1	2												
1	3												

Note: If you need to list more than 13 process codes, attach an additional sheet(s) with the information in the same format as above. Number the line sequentially, taking into account any lines that will be used for "other" process (i.e., D99, S99, T04, and X99) in Item 8.

8. Other Processes (Follow instructions from Item 7 for D99, S99, T04, and X99 process codes)

Line Number (Enter #s in sequence with Item 7)	A. Process Code (From list above)				B. PROCESS DESIGN CAPACITY		C. Process Total Number of Units	For Official Use Only					
					(1) Amount (Specify)	(2) Unit of Measure							
X	2	T	0	4	100.00	U	001						

9. Description of Hazardous Wastes (Continued. Use additional sheet(s) as necessary; number pages as 5a, etc.)

Line Number	A. EPA Hazardous Waste No. (Enter code)					B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES										
	(1) PROCESS CODES (Enter Code)										(2) PROCESS DESCRIPTION (If code is not entered in 9.D.1)							
1	7	U	0	3	7													Included with above
1	8	U	0	3	8													Included with above
1	9	U	0	3	9													Included with above
2	0	U	0	4	1													Included with above
2	1	U	0	4	2													Included with above
2	2	U	0	4	3													Included with above
2	3	U	0	4	4													Included with above
2	4	U	0	4	5													Included with above
2	5	U	0	4	6													Included with above
2	6	U	0	4	7													Included with above
2	7	U	0	4	8													Included with above
2	8	U	0	4	9													Included with above
2	9	U	0	5	0													Included with above
3	0	U	0	5	1													Included with above
3	1	U	0	5	2													Included with above
3	2	U	0	5	3													Included with above
3	3	U	0	5	5													Included with above
3	4	U	0	5	6													Included with above
3	5	U	0	5	7													Included with above
3	6	U	0	5	8													Included with above
3	7	U	0	5	9													Included with above
3	8	U	0	6	0													Included with above
3	9	U	0	6	1													Included with above
4	0	U	0	6	2													Included with above
4	1	U	0	6	3													Included with above
4	2	U	0	6	4													Included with above
4	3	U	0	6	6													Included with above
4	4	U	0	6	7													Included with above
4	5	U	0	6	8													Included with above
4	6	U	0	6	9													Included with above
4	7	U	0	7	0													Included with above
4	8	U	0	7	1													Included with above
4	9	U	0	7	2													Included with above
5	0	U	0	7	3													Included with above
5	1	U	0	7	4													Included with above
5	2	U	0	7	5													Included with above

9. Description of Hazardous Wastes (Continued. Use additional sheet(s) as necessary; number pages as 5a, etc.)

Line Number	A. EPA Hazardous Waste No. (Enter code)					B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES										
	(1) PROCESS CODES (Enter Code)										(2) PROCESS DESCRIPTION (If code is not entered in 9.D.1)							
6	1	U	1	8	8													Included with above
6	2	U	1	8	9													Included with above
6	3	U	1	9	0													Included with above
6	4	U	1	9	2													Included with above
6	5	U	1	9	3													Included with above
6	6	U	1	9	4													Included with above
6	7	U	1	9	6													Included with above
6	8	U	1	9	7													Included with above
6	9	U	2	0	0													Included with above
7	0	U	2	0	1													Included with above
7	1	U	2	0	3													Included with above
7	2	U	2	0	4													Included with above
7	3	U	2	0	5													Included with above
7	4	U	2	0	6													Included with above
7	5	U	2	0	7													Included with above
7	6	U	2	0	8													Included with above
7	7	U	2	0	9													Included with above
7	8	U	2	1	0													Included with above
7	9	U	2	1	1													Included with above
8	0	U	2	1	3													Included with above
8	1	U	2	1	4													Included with above
8	2	U	2	1	5													Included with above
8	3	U	2	1	6													Included with above
8	4	U	2	1	7													Included with above
8	5	U	2	1	8													Included with above
8	6	U	2	1	9													Included with above
8	7	U	2	2	0													Included with above
8	8	U	2	2	1													Included with above
8	9	U	2	2	2													Included with above
9	0	U	2	2	3													Included with above
9	1	U	2	2	5													Included with above
9	2	U	2	2	6													Included with above
9	3	U	2	2	7													Included with above
9	4	U	2	2	8													Included with above
9	5	U	2	3	4													Included with above
9	6	U	2	3	5													Included with above

9. Description of Hazardous Wastes (Continued. Use additional sheet(s) as necessary; number pages as 5a, etc.)

Line Number	A. EPA Hazardous Waste No. (Enter code)					B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES										
	(1) PROCESS CODES (Enter Code)										(2) PROCESS DESCRIPTION (If code is not entered in 9.D.1)							
9	7	U	2	3	6													Included with above
9	8	U	2	3	7													Included with above
9	9	U	2	3	8													Included with above
0	0	U	2	3	9													Included with above
0	1	U	2	4	0													Included with above
0	2	U	2	4	3													Included with above
0	3	U	2	4	4													Included with above
0	4	U	2	4	6													Included with above
0	5	U	2	4	7													Included with above
0	6	U	2	4	8													Included with above
0	7	U	2	4	9													Included with above
0	8	U	2	7	1													Included with above
0	9	U	2	7	8													Included with above
1	0	U	2	7	9													Included with above
1	1	U	2	8	0													Included with above
1	2	U	3	2	8													Included with above
1	3	U	3	5	3													Included with above
1	4	U	3	5	9													Included with above
1	5	U	3	6	4													Included with above
1	6	U	3	6	7													Included with above
1	7	U	3	7	2													Included with above
1	8	U	3	7	3													Included with above
1	9	U	3	8	7													Included with above
2	0	U	3	8	9													Included with above
2	1	U	3	9	4													Included with above
2	2	U	3	9	5													Included with above
2	3	U	4	0	4													Included with above
2	4	U	4	0	9													Included with above
2	5	U	4	1	0													Included with above
2	6	U	4	1	1													Included with above

10. Map
Attach to this application a topographical map, or other equivalent map, of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all spring, rivers, and other surface water bodies in this map area. See instructions for precise requirements.
11. Facility Drawing
All existing facilities must include a scale drawing of the facility (see instructions for more detail).
12. Photographs
All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment, and disposal areas; and sites of future storage, treatment, or disposal areas (see instructions for more detail).
13. Comments
Section 7 Details: Section 7 Line 1 - D80 Landfill Disposal MWDU Cell 18 - 25,485 cubic meters Section 7 Line 2 - S01 Container Storage MWSU 18,429 cubic meters HWSU 62 cubic meters Total for Line 2 is 18,491 cubic meters Section 7 Line 3 - X01 Open Burning/Open Detonation EODU 100 pound per hour

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LIST OF EXISTING PERMITS

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List of Existing Permits

Number	Type, Area, Location
NY-1054	Septic System, Area 3, Waste Management Office
NY-1069	Septic System, Area 18, 820 th Red Horse Squadron
NY-1077	Septic System, Area 27, Baker Compound
NY-1106	Septic System, Area 5, Building 5-8
NY-1079	Septic System, Area 12 (U12g Tunnel)
NY-1080	Septic System, Area 23, Building 1103
NY-1081	Septic System, Area 6, CP-170
NY-1082	Septic System, Area 22, Building 22-1
NY-1083	Septic System, Area 5, Radioactive Material Management Site (RWMS)
NY-1084	Septic System, Area 6, Device Assembly Facility
NY-1085	Septic System, Area 25, Central Support Area
NY-1086	Septic System, Area 25, Reactor Control Point
NY-1087	Septic System, Area 27, Able Compound
NY-1089	Septic System, Area 12 Camp
NY-1090	Septic System, Area 6, LANL Construction Campsite
NY-1091	Septic System, Area 23, Gate 100
NY-1103	Septic System, Area 22, Desert Rock Airport
NY-1110-HAA-A	Individual Sewage Disposal System, A-12, Bldg. 12-910
NY-1112	Commercial Sewage Disposal System, U1a, Area 1
NY-1113	Commercial Sewage Disposal System, Area 1, Building 121
NY-1124	Commercial Individual Sewage Disposal System, Area 6
NY-1128	Area 6 Yucca Lake Project
NY-1130	Commercial Individual Sewage Disposal System, Area 6, Fire Station #2
NY-17-06839	Septic Tank Pumping Contractor (5 units)
GNEV93001	Water Pollution Control General Permit
NEV96021	Water Pollution Control for E-Tunnel Waste Water Disposal System and Monitoring Well ER-12-1
31297	NNSS Hazardous Materials Permit
31304	Nonproliferation Test and Evaluation Complex Hazardous Materials Permit
NEVHW0101	NNSS Hazardous Waste Management Permit (RCRA)
AP9711-2557	NNSS Class II Air Quality Operating Permit
AP9711-2659	UGTA Surface Area Disturbance Permit ER-EC-13 and ER-EC-15
AP9711-2824	UGTA Surface Area Disturbance Permit ER-EC-14
NY-0360-12NTNC	Public Water System Area 23 and Area 6
NY-4098-12TNCWS	Public Water System Area 25
NY-4099-12TNCWS	Public Water System Area 12
NY-0835-12NP	NNSS (Water Hauler) #84846
NY-0836-12NP	NNSS (Water Hauler) #84847
SW 532	Area 5 Asbestiform Low-Level Solid Waste Disposal Site
SW 13 097 02	Area 6 Hydrocarbon Disposal Site
SW 13 097 03	Area 9 U10c Solid Waste Disposal Site
SW 13 097 04	Area 23 Solid Waste Disposal Site
UNEV2012203	NNSS Underground Injection Control Permit

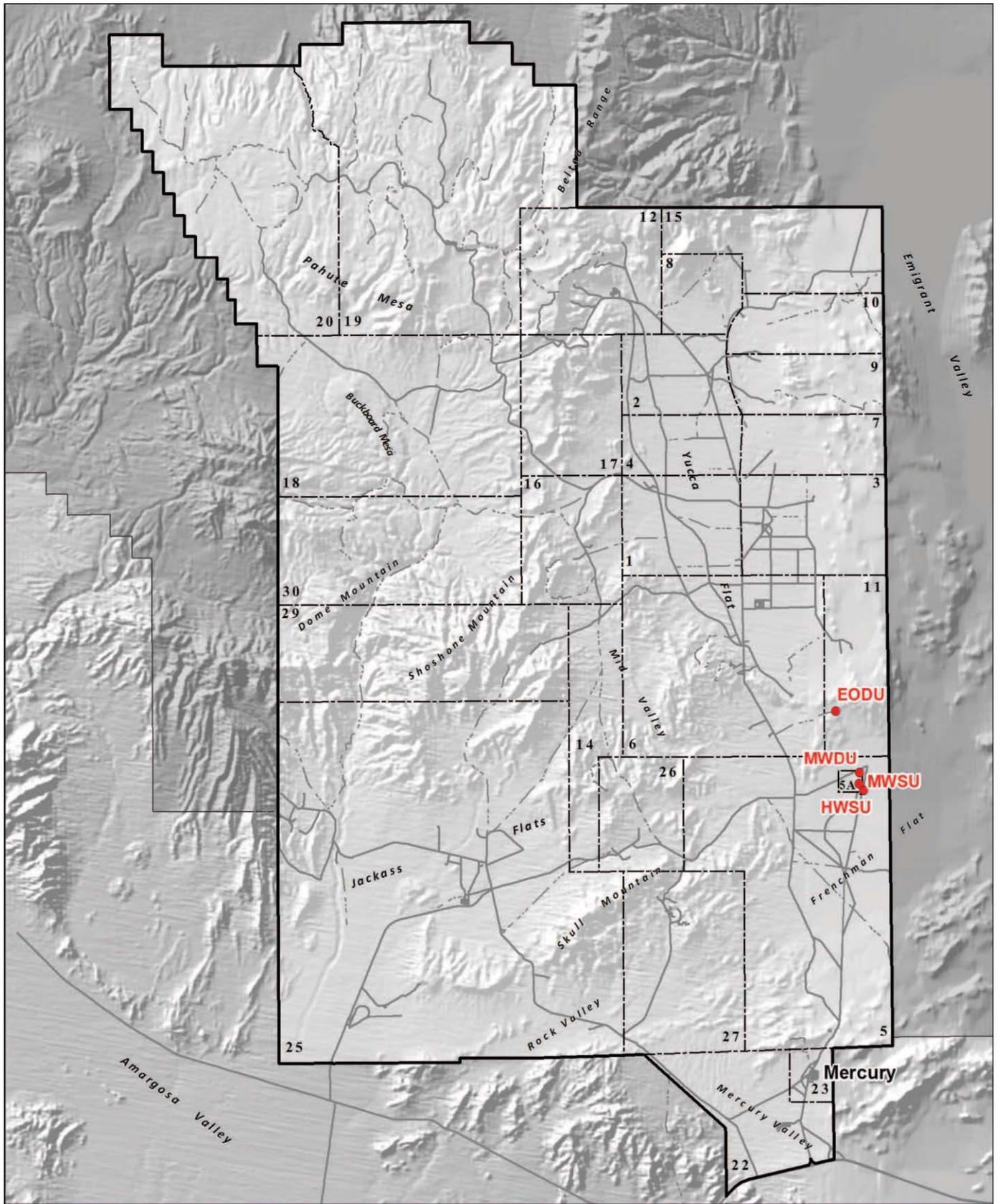
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SECTION 10: MAPS

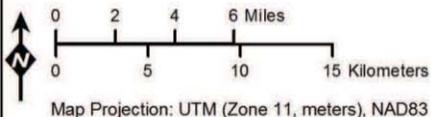
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Map A: Existing Treatment, Storage, and Disposal Facilities (TSDFs) on the NNSS

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Existing Treatment, Storage, and Disposal Facilities (TSDFs) on the NNSS

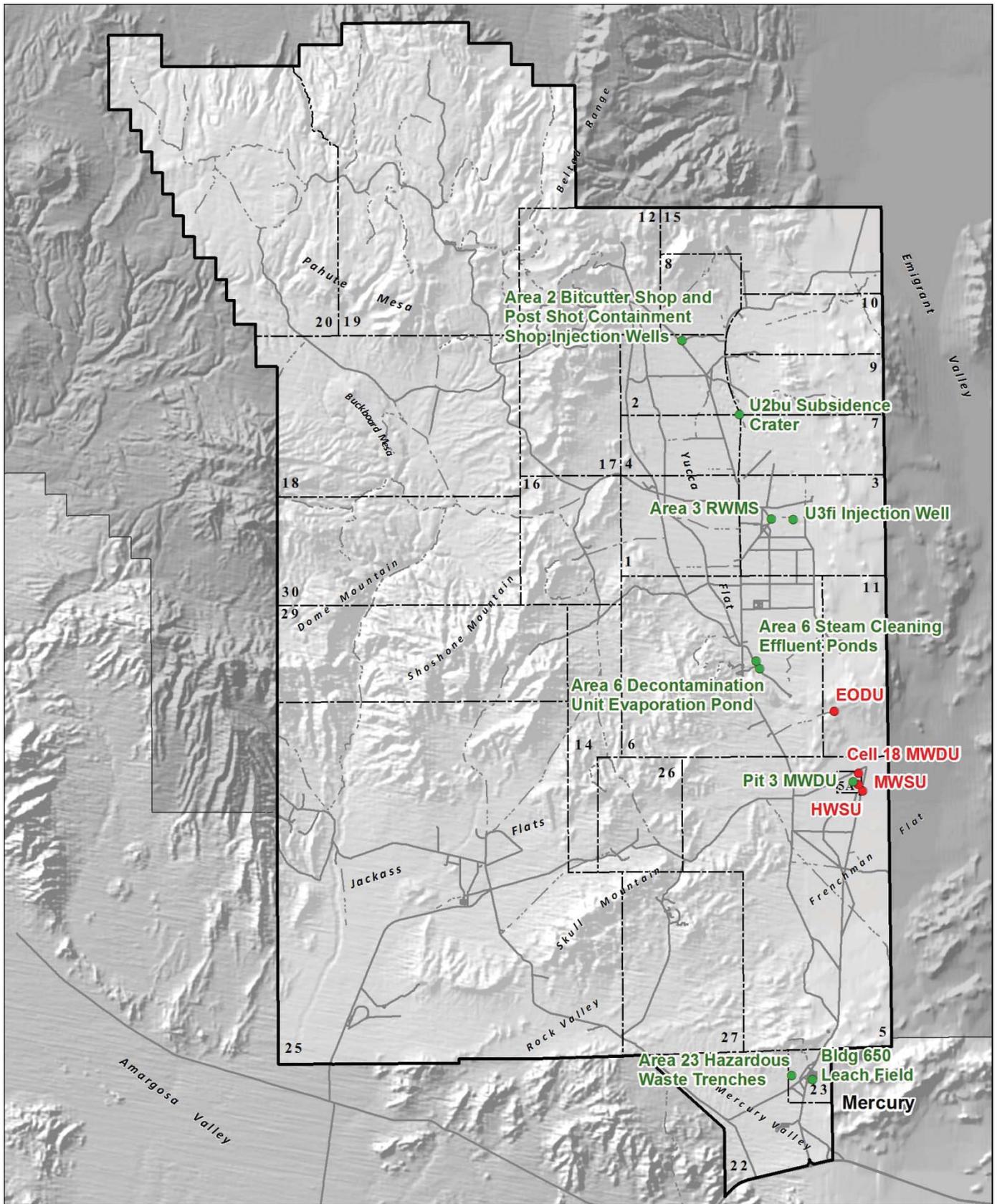


- Existing TSDF
- Primary Road
- - - Secondary Road
- · - · - NNSS Operations Area
- NNSS Boundary

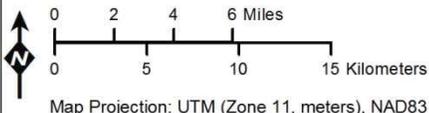
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Map B: Past and Present Treatment, Storage, and Disposal Facilities (TSDFs) on the NNS

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Past & Present Treatment, Storage, and Disposal Facilities (TSDFs) on the NNSS



Map Projection: UTM (Zone 11, meters), NAD83

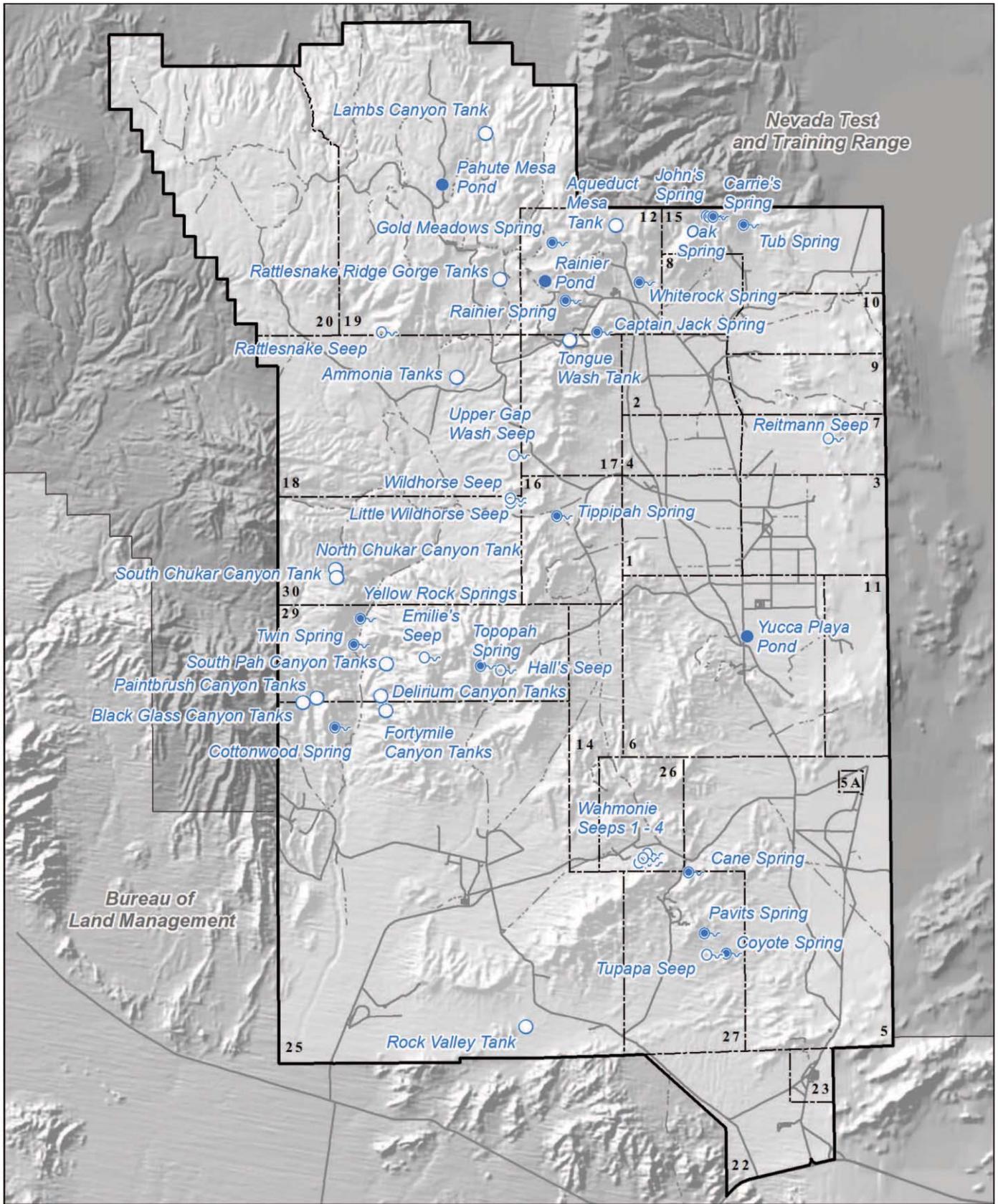
- | | | |
|-------------|----------------------|----------------------------|
| TSDF | | |
| ● Past | — Primary Road | - - - NNSS Operations Area |
| ● Present | - - - Secondary Road | — NNSS Boundary |

Map produced by the NSTec GIS Group. Product ID: 20150310-01-P005-R04

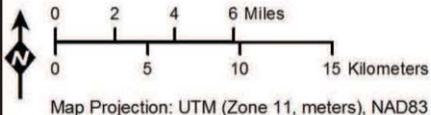
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Map C: Natural Water Sources on the Nevada National Security Site

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Natural Water Sources on the Nevada National Security Site



Natural Water Source Types

- Pond
- Seep
- ⊙ Spring
- Tank

— Primary Road

- - - Secondary Road

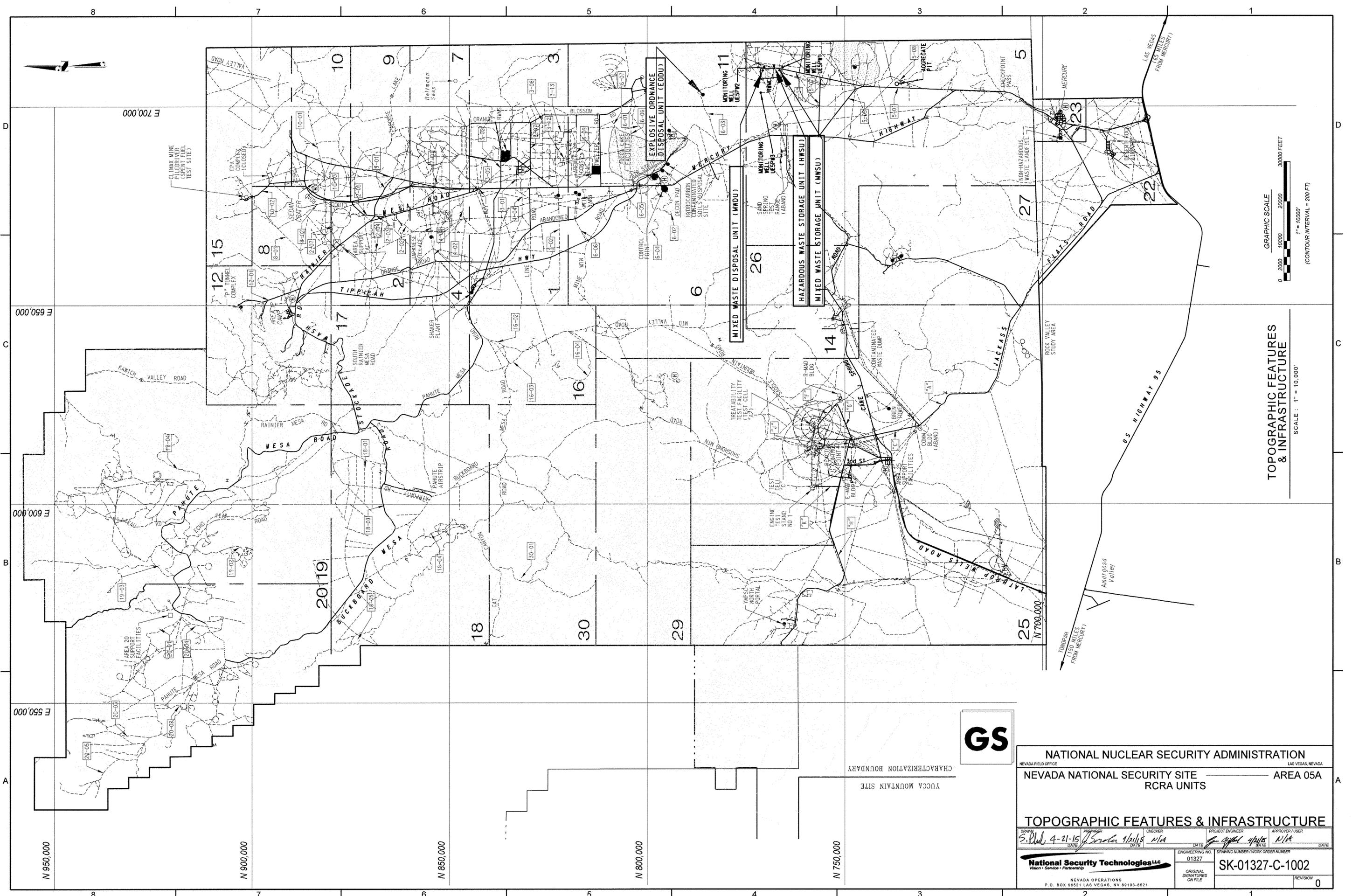
- - - - NNSS Operations Area

▬ NNSS Boundary

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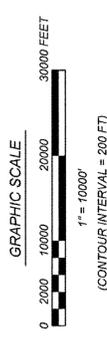
Map D: Topographic Features and Infrastructure

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TOPOGRAPHIC FEATURES & INFRASTRUCTURE

SCALE: 1" = 10,000'
(CONTOUR INTERVAL = 200 FT)



NATIONAL NUCLEAR SECURITY ADMINISTRATION
 NEVADA FIELD OFFICE LAS VEGAS, NEVADA
NEVADA NATIONAL SECURITY SITE AREA 05A
RCRA UNITS

TOPOGRAPHIC FEATURES & INFRASTRUCTURE

DRAWN S. Phib DATE 4-21-15	PREPARED BY S. Phib DATE 4/15/15	CHECKER N/A DATE N/A	PROJECT ENGINEER G. C. [Signature] DATE 4/15/15	APPROVER/USER N/A DATE N/A
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ENGINEERING NO. 01327	DRAWING NUMBER / WORK ORDER NUMBER SK-01327-C-1002
NATIONAL SECURITY TECHNOLOGIES INC. Victor • Service • Partnership NEVADA OPERATIONS P. O. BOX 98521 LAS VEGAS, NV 89193-8521	
ORIGINAL SIGNATURES ON FILE	REVISION 0

SECTION 11: DRAWINGS

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Section 11 Drawings: Hazardous Waste Storage Unit

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Section 11 Drawings: Explosive Ordnance Disposal Unit

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Section 11 Drawings: Mixed Waste Storage Unit

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Section 11 Drawings: Mixed Waste Disposal Unit

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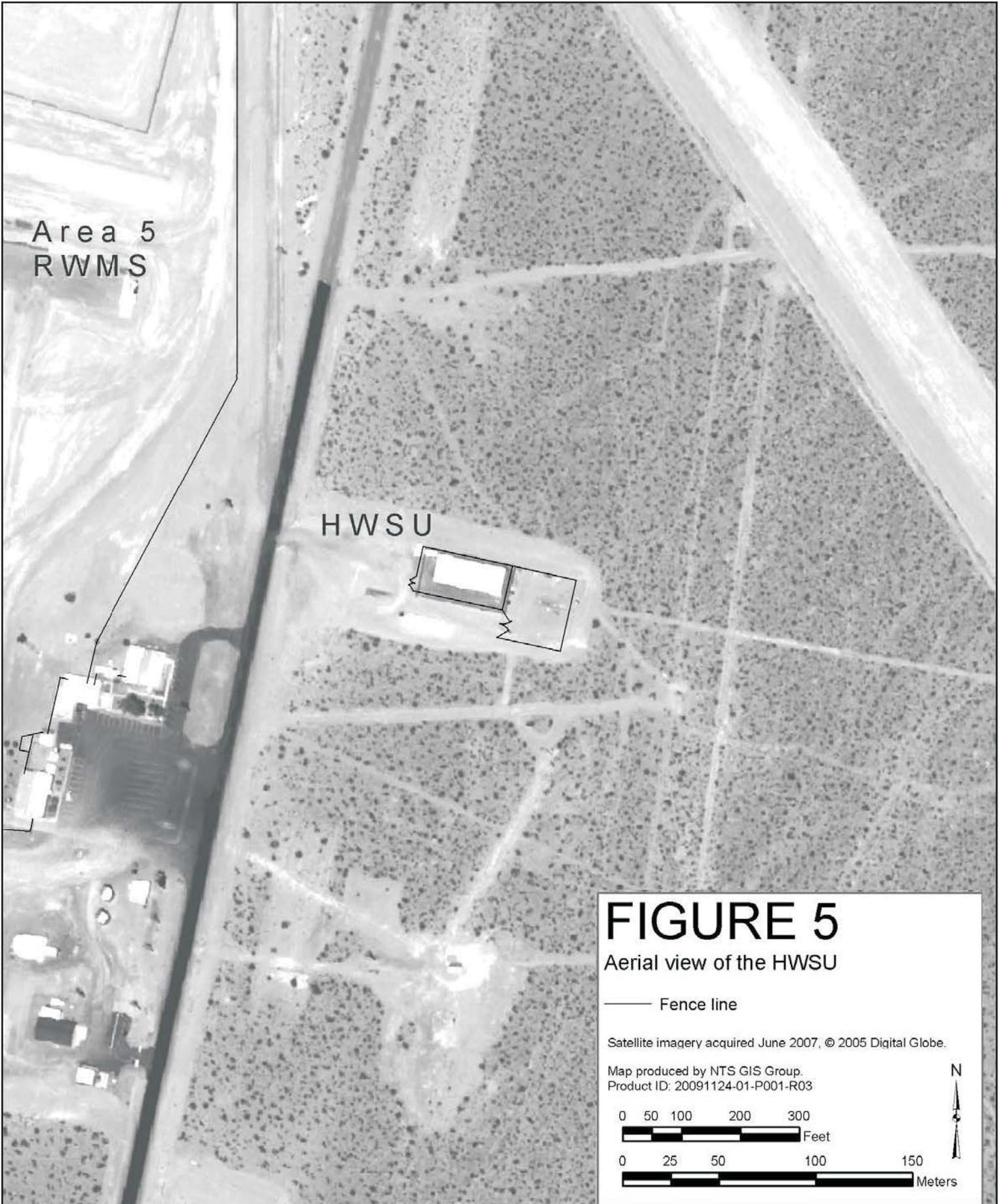
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SECTION 12: AERIAL VIEWS

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Section 12 Aerial Views: Hazardous Waste Storage Unit

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Section 12 Aerial Views: Explosive Ordnance Disposal Unit

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Section 12 Aerial Views: Mixed Waste Storage Unit

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Area 5
RWMS



Mixed Waste Storage Unit Aerial View
Area 5, Nevada National Security Site

— Fence line Red text indicates Building Number.
Black text indicates Road Name.

0 25 50 100 150 Feet 0 12.5 25 50 Meters

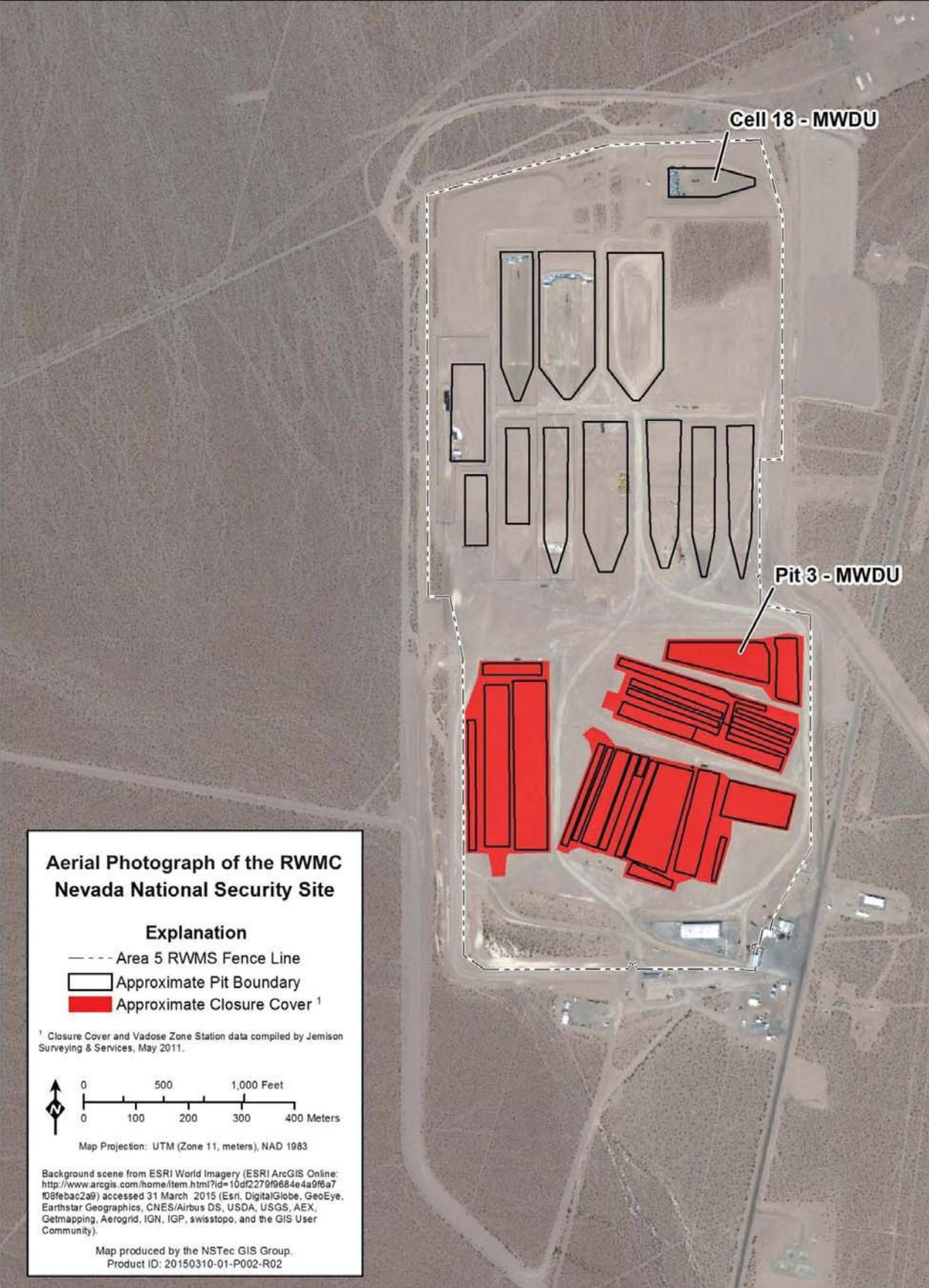
Satellite imagery acquired June 2007, © 2005 Digital Globe.

Map produced by the NSTec NTS Geographic Information Systems Group.
Product ID: 20010304-03-P002-R02

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Section 12 Aerial Views: Mixed Waste Disposal Unit

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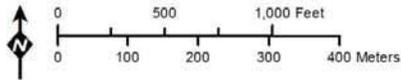


**Aerial Photograph of the RWMC
Nevada National Security Site**

Explanation

- Area 5 RWMS Fence Line
- Approximate Pit Boundary
- Approximate Closure Cover ¹

¹ Closure Cover and Vadose Zone Station data compiled by Jemison Surveying & Services, May 2011.



Map Projection: UTM (Zone 11, meters), NAD 1983

Background scene from ESRI World Imagery (ESRI ArcGIS Online: <http://www.arcgis.com/home/item.html?id=10df2279f9684e4a9f6a7f08febac2a9>) accessed 31 March 2015 (Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community).

Map produced by the NSTec GIS Group.
Product ID: 20150310-01-P002-R02

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