Attachment J

Hazardous Waste Management Units

**TABLE J-1**

**Active Portion of the Facility**

Includes units permitted to store and treat hazardous waste, interim status units, and the Material Disposal Areas.

Process codes and associated process descriptions:

* S01-storage in containers
* S02-storage in tanks
* S99-other storage
* D80-landfill
* T04 – other treatment
* X01\*-open burning
* X01\*\*-open detonation

| **Unit Identifier** | **Process Codes** | **Operating Capacity** | **General Information** | **Type of Unit** |
| --- | --- | --- | --- | --- |
| TA-3-29 | S01  T04 | 18,500 gal  3,441 gal/day | Includes Room 9010 and portions of Room 9020 and 9030  Located in Wing 9 of the basement of Building 29  Includes treatment process for macroencapsulation  Total square footage – 3,040 | Indoor |
| TA-14-23 | X01\* | 50 lbs HE/burn | Near Structure TA-14-23  Interim Status Unit | NA |
| TA-14-23 | X01\*\* | 20 lbs HE/ detonation | Near Structure TA-14-23  Interim Status Unit | NA |
| TA-16-388 | X01\* |  | Flash Pad  Total square footage - 484  Interim Status Unit | Outdoor (associated with a open burn unit) |
|  |  |  |  |  |
| TA-36-8 | X01\*\* | 2000 lbs/ detonation | Near Structure TA-36-8  Interim Status Unit | NA |
| TA-39-6 | X01\*\* | 1000 lbs/ detonation | Near Structure TA-39-6  Interim Status Unit | NA |
| TA-39-57 | X01\*\* | 1000 lbs/ detonation | Near Structure TA-39-57  Interim Status Unit | NA |
| TA-50-69 Indoor | S01  T04 | 1,500 gal  275  gal/day  1,100 gal/day | Includes Rooms 102 and 103.  Includes treatment process for stabilization of nitrate salt-bearing waste.  Includes resizing of oversized waste.Total square footage – 2,680 | Indoor |
| TA-50-69 Outdoor Pad | S01  T04 | 30,000 gal  3,441 gal/day | Includes 50-75 and 50-194.  Includes treatment process for macroencapsulation.  Total square footage – 2,160 | Outdoor (not associated with a regulated unit) |
| TA-54 “G” | D80 | NA | Material Disposal Area  Unit not permitted to receive hazardous waste | Regulated unit |
| TA-54 Area G Container Storage Unit (below ground) | S99 | 4,950 gal | Includes shafts 145 and 146  Wastes removed and unit undergoing closure, closure certification incomplete | NA |
| TA-54 Area G Pad 1 | S01  T04 | 502,920 gal  23,160 gal/day | Includes building TA-54-412 (DVRS)  Includes treatment process for macroencapsulation, stabilization (including absorption), and neutralization  Approximately 76,000 square feet | Outdoor (associated with a regulated unit) |
| TA-54 Area G Pad 3 | S01 | 213,840 gal  23,160 gal/day | Includes Storage Dome 48  Includes treatment process for macroencapsulation  Approximately 17,000 square feet | Outdoor (associated with a regulated unit) |
| TA-54 Area G Pad 5 | S01  T04 | 623,480 gal  23,160 gal/day | Includes Storage Domes 49 and 224 and Storage Sheds 144, 145, 146, 177, 1027, 1028, 1030, and 1041  Pad 5 is a consolidation of former Pads 5, 7, and 8.  Includes treatment process for macroencapsulation  Total square footage – 59,900 | Outdoor (associated with a regulated unit) |
| TA-54 Area G Pad 6 | S01  T04 | 597,300 gal  23,160 gal/day | Includes Storage Domes 153 and 283; and Transportainer 491.  Includes treatment process for macroencapsulation  Approximately 62,700 square feet | Outdoor (associated with an regulated unit) |
| TA-54 Area G Pad 9 | S01  T04 | 1,446,720 gal  23,160 gal/day | Includes Storage Domes 229, 230, 231, and 232.  Includes treatment process for macroencapsulation, stabilization (including absorption) and neutralization  Total square footage – 158,000 | Outdoor (associated with a regulated unit) |
| TA-54 Area G Pad 10 | S01  T04 | 159,770 gal  23,160 gal/day | Includes Transuranic (TRU) Waste Characterization Facilities: TA-54-0547 (SuperHENC), TA-54-0498 (LANL HENC), TA-54-0545 TA-54-0546, TA-54-0628, TA-54-0629 (Storage trailers), and TA-54-0438.  Pad 10 is a consolidation of former Pads 2 and 4.  Includes treatment process for macroencapsulation  Approximately 89,600 square feet | Outdoor (associated with a regulated unit) |
| TA-54 Area G Pad 11 | S01  T04 | 682,440 gal  23,160 gal/day | Includes Storage Dome 375.  Includes treatment process for macroencapsulation Includes treatment process for  stabilization (including  absorption) and neutralization  Total square footage – 65,500 | Outdoor (associated with a regulated unit) |
| TA-54 Area G Storage Shed 8 | S01 | 11,880 gal | Also referred to as TA-54-8  Total square footage - 640 | Indoor |
| TA-54 Area G TA-54-33 | S01  T04 | 108,240 gal  23,160 gal/day | Also referred to as Drum Prep Facility  Includes treatment process for macroencapsulation  Total square footage – 8,570 | Indoor |
| TA-54 “H” | D80 | NA | Material Disposal Area H  Unit not permitted to receive hazardous waste | Regulated unit |
| TA-54 “L” | D80 | NA | Material Disposal Area L  Unit not permitted to receive hazardous waste | Regulated unit |
| TA-54 Area L Container Storage Unit (below ground) | S99 | 600 gal | Includes shafts 36 and 37  Wastes removed and unit undergoing closure, closure certification incomplete | NA |
| TA-54 Area L Outdoor Pad | S01  T04 | 407,880 gal  23,160 gal/day | Includes all area within fence-line except limited administrative areas.  Includes Storage Sheds 31, 68, 69, and 70; Storage Pads 32, 35, 36, and 58; and Building 39; and Storage Dome 215 (former Area 1).  Includes treatment process for macroencapsulation  Total square footage – 110,500 | Outdoor (associated with a regulated unit) |
| TA-54-38 West Indoor | S01 | 4,950 gal | Includes High Bay and Low Bay  Total square footage – 4,060 | Indoor |
| TA-54-38 West Outdoor Pad | S01  T04 | 29,160 gal  3,441 gal/day | Includes loading dock and Pad surrounding  Includes treatment process for macroencapsulation  Total square footage – 37,900 | Outdoor (not associated with a regulated unit) |
| TA-54-38 West Outdoor Pad | S01 | 13,410 gal | Excess storage capacity  Included in total square footage above | Outdoor (not associated with a regulated unit) |
| TA-55-4, B40 | S01  T04 | 21,500 gal  3,441 gal/day | Located in basement  Referred to as Area 1  Includes treatment process for macroencapsulation  Total square footage – 3,380 | Indoor |
| TA-55-4, K13 | S01 | 2,500 gal | Located in basement  Referred to as Area 4  Total square footage - 208 | Indoor |
| TA-55-4, B05 | S01 | 3,600 gal | Located in basement  Referred to as Area 5  Non-liquid wastes only  Total square footage - 260 | Indoor |
| TA-55-4, B45 | S01  T04 | 11,000 gal  3,441 gal/day | Located in basement  Non-liquid wastes only  Includes treatment process for macroencapsulation  Total square footage - 788 | Indoor |
| TA-55-4, B13 | S01 | 4,950 gal | Located in basement Non-liquid waste only Total square footage - 495.83 | Indoor |
| TA-55-4, G12 | S01 | 5,225 gal | Located in basement Non-liquid waste only Total square footage - 512.98 | Indoor |
| TA-55-4, Vault | S01 | 4,000 gal | Located in basement  Referred to as Area 6  Total square footage – 4,020 | Indoor |
| TA-55-4-401  Mixed Waste Storage Tank System | S02 | Storage - 137 gal | TA-55-4 Room 401  Unit divided into two components (Evaporator Glovebox Storage Tank System and Cementation Storage Tank System)  Ancillary equipment and secondary containment.  Total square footage – 4,500 | Indoor |
| TA-55-4-401 Mixed Waste Stabilization Unit | T04 | Treatment - 150 gal / day | TA-55-4 Room 401  Total square footage – 4,500 | Indoor |
| TA-55-4 Outdoor Storage Pad | S01  T04 | 135,000 gal  3,441 gal/day | Located outside and west of TA-55-4  Includes treatment process for macroencapsulation  Total square footage – 11,100 | Outdoor (not associated with a regulated unit) |
| TA-55-355 Pad | S01  T04 | 84,370 gal  3,441 gal/day | Includes canopy and pad  Includes treatment process for macroencapsulation  Total square footage - 13,390 | Outdoor (not associated with a regulated unit) |
| TA-60,  Building 17 | S01  T04 | 17,600 gal  3,441 gal/day | Located in the southern wing of Building 17 (TA-60-0017)  Includes treatment process for macroencapsulation  Total square footage -3,480 | Indoor |
| TA-63 Transuranic Waste Facility | S01  T04 | 105,875 gal  23, 160 gal/day | Includes TA-63-0149 through 0153 Storage Buildings, TA-63-0154 Storage and Characterization Building, TA-63-0157 Characterization Trailer, and Outside Storage Pad  Includes treatment process for macroencapsulation  Total square footage—79,239 | Outdoor (not associated with a regulated unit) |

**TABLE J-2**

Permitted Units Undergoing Post-Closure Care

There are no units in post-closure care.

| **Unit Identifier** | **Process Codes** | **Regulatory Status** | **Operating Capacity** | **General Information** |
| --- | --- | --- | --- | --- |
| (none) |  |  |  |  |

**TABLE J-3**

Closed Portion of the Facility not in Post-Closure Care

Closed units in this table are not considered units addressed under the Permit. Therefore, this table is for informational purposes only.

Process codes and associated process descriptions:

* D80-disposal trench
* D83-surface impoundment disposal
* S01-storage in containers
* S02-storage in tanks
* S04-surface impoundment
* S99-storage in shafts
* T01-treatment in tanks
* T03-incinerator
* T04-other treatment
* X01\*-open burning
* X01\*\*-open detonation

| **Unit Identifier** | **Process Codes** | **General Information** |
| --- | --- | --- |
| TA-3-102 | S01 | (High Explosives Storage Unit) |
| TA 9-39 | S01 |  |
| TA 09-43 | T04 | Hydrothermal Processing Unit (HPU)  unit never managed hazardous waste |
| TA-15-184, | T04, X01\*\* | OD site (Phermix))  Site was never used to treat hazardous waste |
| TA-16-88 | S01 | unit never stored hazardous waste |
| TA-16-387 | X01\*\*  T04 | Flash Pad 387  Underwent RCRA closure in conjunction with Material Disposal Area (MDA) P in 2002. |
| TA-16-394 | X01\* and X01\*\*  T04 |  |
| TA-16-401 | X01\* and X01\*\* | (Pressure Vessel - sand filter tank) |
| TA-16-406 | X01\* and X01\*\* | (Pressure Vessel - sand filter tank) |
| TA-16 Surface Impoundment | S04 -D83 |  |
| TA-16 Incinerator | T03 | (TA-16-1409) |
| TA-16, Material Disposal Area P | D80 |  |
| TA-21-61 | S01 |  |
| TA-22-24 | S01 | (High Explosive Storage Unit) |
| TA-33-90 | S01 | Application was withdrawn and that the unit never stored hazardous waste. |
| TA-33-92 | S01 | Application was withdrawn and that the unit never stored hazardous waste. |
| TA-35-85, Surface Impoundment | S04 - D83 |  |
| TA-35-125, Surface Impoundment | S04 - D83 | Closure by removal. |
| TA 35-128 | T03 | Packed Bed Reactor/Silent Discharge Plasma Research |
| TA-39, MDA-Y | D80 |  |
| TA-40, Scrap Detonation Unit | X01\*\*  T04 |  |
| TA-40-DF2  (magazine) | S01 | Converted to a <90 day storage unit |
| TA-50-1, Batch Waste Treatment Unit (BWTU) | T01 |  |
| TA-50-1, Container Storage Unit(s) associated with BWTU | S01 |  |
| TA-50-1, Room 34B | S01 | unit never managed hazardous waste |
| TA-50-1, Room 34C | S01 | unit never managed hazardous waste |
| TA-50-1, Room 35 | S01 | unit never managed hazardous waste |
| TA-50-1, Room 36 | S01 | unit never managed hazardous waste |
| TA-50-1, Room 38 | S01 | unit never managed hazardous waste |
| TA-50-1, Room 38A | S01 | unit never managed hazardous waste |
| TA-50-1, Room 59 | S01 | Radioactive Liquid Waste Treatment Facility (RLWTF) |
| TA-50-1, Room 60A | T04 | Cementation Treatment Unit  Proposed treatment process was revised to generator treatment in a < 90 day storage area. |
| TA-50-37 | T03 | Controlled Air Incinerator (CAI) |
| TA-50-37 RAMROD | T04 | Radioactive Materials Research, Operations and Demonstration Facility (RAMROD).  LANL withdraws permit request. Convert unit(s) to <90 day storage. |
| TA-50-37, Storage Tanks | S02 | Located in Room 115 |
| TA 50-37-112 | S01, T03 | Location of Controlled Air Incinerator (CAI), part of RAMROD Facility |
| TA-50-37-114 | S01 | Part of RAMROD |
| TA-50-37, Room 115 | S01 - S02 | Location of storage tanks and waste feed tanks  Part of RAMROD |
| TA-50-37, Room 117 | S01 | Room used for container storage.  Part of RAMROD |
| TA-50-37, Room 118 | S01 | Room used for container storage.  Part of RAMROD |
| TA-50-114 | S01 | Storage shed |
| TA-50-137 | S01 | Storage Bldg  Unit was never built |
| TA-50-138 | S01 | Storage Bldg  Unit was never built |
| TA-50-139 | S01 | Storage pad  Unit was never built |
| TA-50-140 | S01 | Storage pad  Unit was never built |
| TA 53-166 | S04 | South Surface Impoundment  Change from closure as a TSD to cleanup under HSWA |
| TA 53-166 | S04 | NE Surface Impoundment  Change from closure as a TSD to cleanup under HSWA |
| TA 53-166 | S04 | NW Surface Impoundment  Change from closure as a TSD to cleanup under HSWA |
| TA-54-L, Waste Oil Storage Tank (WOST) | S02 |  |
| TA-54-L, Truck Mounted Container Treatment System | T01 | Unit was proposed in a 1993 permit modification and was withdrawn in a 1998 Part A. |
| TA-54-L, Bldg. 35, Storage/ Treatment Tanks (4) | S02 and  (T01) | Pad below the tanks remains operational for waste storage. |
| TA-55-4, Oxygen Sparging Treatment Furnace | T04 |  |
| TA-55-4, B38 | S01 | Unit also referred to as TA-55-4, basement, Area 2 |
| TA-55-4, basement. Area 7  North end of basement CSA | S01 | Unit was never used for hazardous waste storage and was withdrawn in the 1998 Part A. |
| TA-55-4-401 Mixed waste Monitoring CSA (Area 8 also called FLO-1) | S01 | Unit was never used for hazardous waste storage and was withdrawn in the 1998 Part A. |
| TA-55-4-401 Sphere Material Removal CSA (Area 9) | S01 | Unit was never used for hazardous waste storage and was withdrawn in the 1998 Part A. |
| TA-55-4-401 CSA for Evaporator Salt Precipitate (Area 10) | S01 | This unit was included as part of the evaporator glovebox storage tank system in the June 1996 TA-55 Part B |
| TA-55-4-433 Mixed Waste Monitoring CSA | S01 | (Area 11 – referenced as Area 10 in June 1996)  Unit was never used for hazardous waste storage and was withdrawn in the 1998 Part A. |
| TA-55-4-432 CSA Glovebox Process Waste | S01 | (Area 12 - referenced as Area 11 in June 1996)  Unit was never used for hazardous waste storage and was withdrawn in the 1998 Part A. |
| TA-55-41 CSA Vault | S01 | Unit was never used for hazardous waste storage and was withdrawn in the 1998 Part A. |
| TA-55-185 | S01 | Unit never managed hazardous waste. |
| TA-63 Chemical Waste Treatment Skid | T01 | This unit was never constructed and was withdrawn in the 1998 Part A application. |
| TA-63 Liquid Waste Storage Tanks (6) | S02 | These tanks were never constructed and were withdrawn in the 1998 Part A application. |