

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



January 22, 2016

Reply to Attn of: RE-16-013

Mr. John E. Kieling, Chief  
New Mexico Environment Department  
Hazardous Waste Bureau  
2905 Rodeo Park Drive East, Bldg 1  
Santa Fe, NM 87505

Subject: NASA White Sands Test Facility (WSTF) Annual Map Location of Waste  
Accumulation Areas

Enclosure 1 is a paper copy of the map that provides WSTF's current hazardous waste generation locations. Enclosure 2 is a CD-ROM that contains the map as an Adobe PDF document. The locations and names of each area are current as of January 2016. This map fulfills the annual requirement from Permit Number NM8800019434, Section II.A *Operation and Maintenance of the Facility*.

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 known violations.

If you have any questions or comments concerning this submittal, please contact me at 575-524-5024.

A handwritten signature in black ink, appearing to read "Timothy J. Davis".

Timothy J. Davis  
Chief, Environmental Office

2 Enclosures

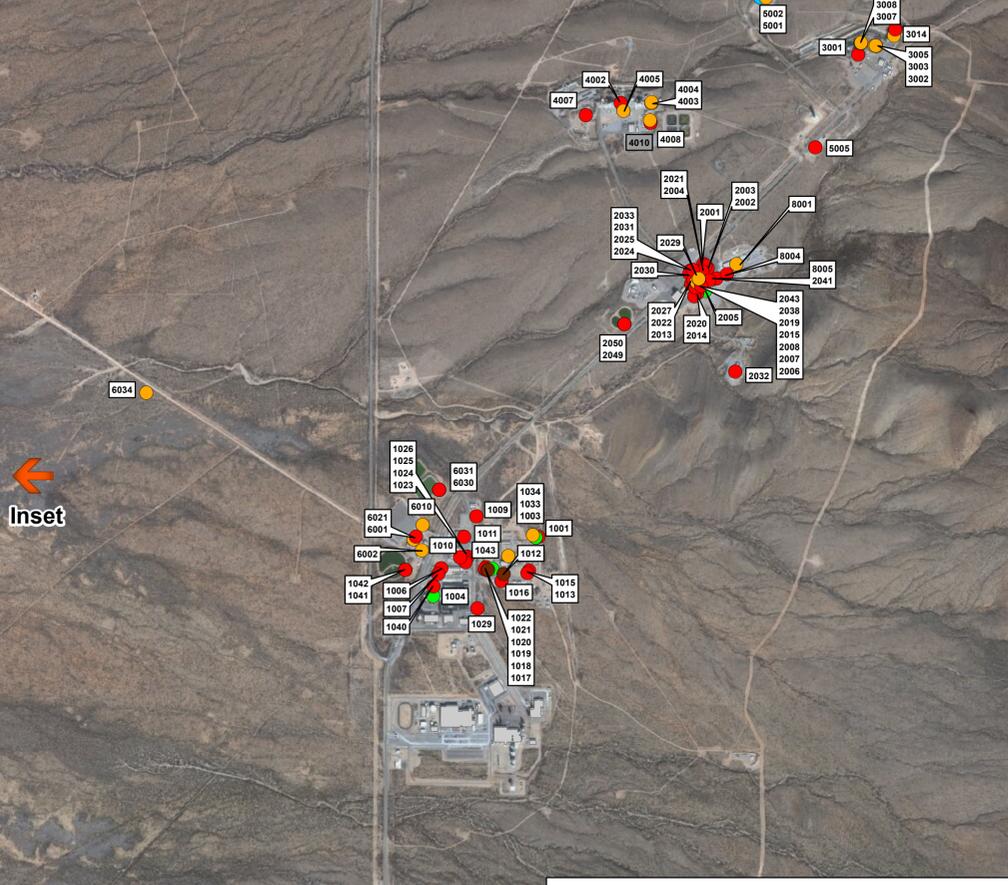
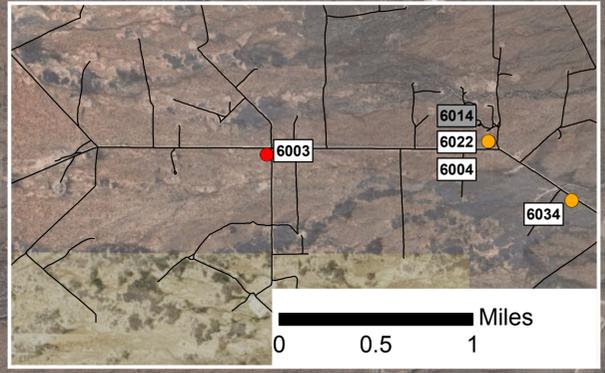
cc:  
Mr. Gabriel Acevedo  
Hazardous Waste Bureau  
New Mexico Environment Department  
2905 Rodeo Park Drive East, Building 1  
Santa Fe, NM 87505

# WSTF Waste Accumulation Areas

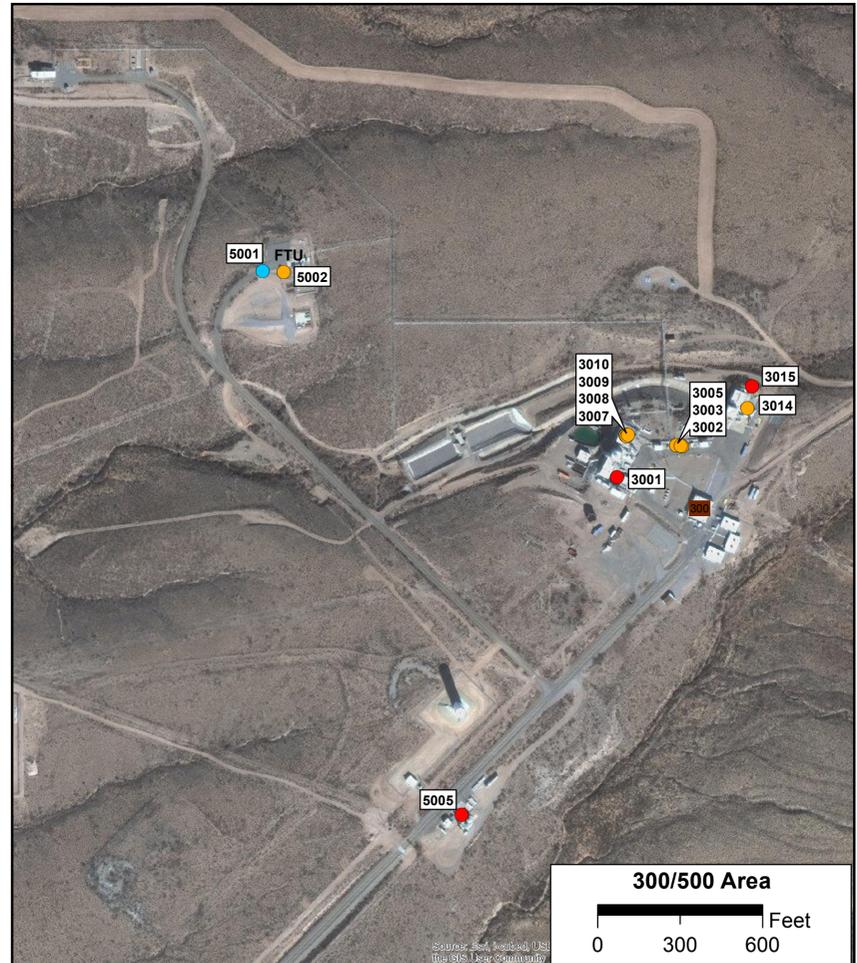
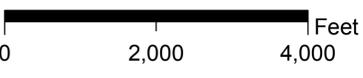
- 90 Day
- Universal Waste
- Permitted Waste Unit
- Used Oil Area
- Satellite Accumulation Area



ID #	AREA NAME	STATUS/AREA	BLDG ROOM	DESCRIPTION	TYPE	ITEMS
1001	R159-1	a	100 159	Outside	saa	punctured empty aerosol can aqueous waste
1002	R159-1	a	100 159	Container Storage Unit (CSU)	90 day	container storage unit for site waste shipment
1004	R101-1	a	100 101	IT Dept.	saa	used batteries
1008	R113-1	a	100 113	Inside on west wall	saa	contaminated debris, used oil
1007	R113-2	a	100 113	Outside near southwest corner, west side	saa	used oil, waste cutting fluids
1009	R119-2	a	100 119	Inside on north side	saa	contaminated debris
1010	R120-1	a	100 120	Warehouse	saa	contaminated debris
1011	R121-1	a	100 121	Outside near southeast corner, south side	saa	used batteries, contaminated debris, used fluorescent bulbs/lamps, used oil, used oil, used oil
1012	R159-2	a	100 159	Drum Storage Facility (DSF), under shed	uoa	used oil, used antifreeze, used oil of filters
1015	GSA-3	a	100 151	GSA Service Garage	saa	used oil, oil of filters, contaminated debris, used lamps
1016	R153-1	a	100 153	GSA Service Garage SE corner	saa	spent fuel filter, waste fuel, contaminated debris, contaminated spill dry, used oil
1017	R156-1	a	100 156	Outside on west side	saa	contaminated spill dry
1018	R156-2	a	100 156	Warehouse	saa	contaminated debris
1019	R156-3	a	100 156	Heavy equipment yard, east side near gate entrance	uoa	used lead acid batteries
1020	R156-4	a	100 156	Outside on north side	saa	used antifreeze
1021	R156-4	a	100 156	Northwest corner	saa	waste fuel and drained used fuel filters
1022	R156-4	a	100 156	Inside on north side	saa	used oil and drained oil filters
1023	R156-1	a	100 156	Outside on northeast corner	saa	paints, non-pourable
1024	R158-2	a	100 158	Outside west side, in flammable cabinet	saa	paints, pourable
1025	R158-1	a	100 158	Warehouse	saa	contaminated debris
1026	R158-4	a	100 158	Outside west side, southwest corner	saa	waste paint related materials
1029	PHOB	a	100 NA	Security Building	saa	contaminated debris
1033	R101-2	a	100 101	Container Storage Unit (CSU)	uoa	used batteries, used lamps, mercury containing equipment
1034	CSU YARD	a	100 161	North side of CSU	90 day	POT8 ADGAS treatment residual water)
1040	R112	a	100 112	Inside underneath the staircase	saa	contaminated debris
1041	100 Lagoon	a	100	100 Area sewage lagoons	saa	IDW decon water
1042	100 Lagoon - 2	a	100	100 Area sewage lagoons	saa	IDW decon water
1043	HEAVY EQUIPMENT YARD	a	100	Heavy equipment yard	90 day	IDW contaminated soil
2001	NWB WORK AREA	a	200 200	153 West side of North Highway, near big door	saa	contaminated debris
2002	CTF, Ox FUME HOOD	a	200 164	CTF, cabinet under oxidizer fume hood	saa	oxidizer contaminated debris
2003	CTF, FUEL FUME HOOD	a	200 200	CTF, cabinet under oxidizer fume hood	saa	decon water with fuel, fuel, contaminated debris
2004	SOLDERING TRAIN RM	a	200 156	North Highway - R1 156	saa	contaminated debris
2006	ELEC CAL	a	200 203	108 Electrical Calibration Lab	saa	used batteries
2008	MET 32	a	200 203	123 Metallurgy Lab, under hood #32	saa	waste organic liquids, aqueous lab waste
2007	CHEM 4	a	200 203	124 Analytical Lab, entire room	saa	waste organic liquids, various lab wastes
2008	NDMA EL	a	200 203	124 Analytical Lab, southwest corner, near and in fume hood #4	90 day	aqueous fuel waste
2013	CHEM 42	a	200 200	142 Wet Lab, Propellant Vapor Lab, Ox Lab	saa	waste organic liquids, cyanide bearing waste, spent silver nitrate solution, oxidizer analysis waste, aqueous lab waste
2014	CAL LAB	a	200 203	138 Calibration Flow Lab, northeast corner	saa	used mercury, mercury contaminated debris, contaminated debris
2015	FL-1	a	200 200	143 Fuel lab hood 1-5	90 day	decon water with fuel, aqueous lab waste
2017	FL-5	a	200 143	143 Fuel lab hood F3	saa	fuel analysis waste
2020	R203-MDAL	a	200 203	146 MDAL fume hood 41	saa	contaminated debris, waste urine treatment solution
2021	200 MECHANICAL	a	200 200	169 North Highway - Room 165, east side (200 Area mech room)	saa	used oil, contaminated debris, contaminated spill dry, used oil of filters
2022	SOFT COL	a	200 200	Alley between Bldg. 210 & Bldg. 201	90 day	fuel and oxidizer contaminated soft goods
2024	CSRP	a	200 200	169 North Highway - Room 165, east side (200 Area mech room)	90 day	fuel contaminated debris, decon water with fuel
2025	LAB CON	a	200 200	Fenced area outside of Clean Room	saa	waste IPA
2027	VAC LAB	a	200 201	Alley between Bldg. 200 & Bldg. 201	saa	contaminated debris
2028	CSRH	a	200 201	201 CSS - outside Pre-Clean Room door, under fume hood 40	saa	waste passivation solution, waste acid matrix, waste oxide 120
2030	CLN OUT	a	200 200	206 CSS LAB CON Highway	saa	used oil, contaminated debris, contaminated vacuum pump oil
2031	CSRP	a	200 200	206 CSS LAB CON Highway	90 day	oxidizer contaminated soft goods
2032	R272	a	200 272	272 Hypervelocity east wall	saa	contaminated debris, used oil
2033	LAB CON	a	200 200	136 Outside Highway next to fence	saa	spent cables
2038	136 LAB	a	200 200	142 Wet Lab, Propellant Vapor Lab, Ox Lab	90 day	hydrolyzed oxidizer waste
2041	8214 STORAGE	a	200 214	121 Bldg. 214 south	saa	discarded commercial chemicals
2042	FUEL FRIGER LAB	a	200 203	121 Fuel lab, fuel friger lab	saa	waste fuel
2048	200 Lagoon - 2	a	200	200 Area sewage lagoons	saa	IDW contaminated debris
2050	200 Lagoon - 2	a	200	200 Area sewage lagoons	saa	IDW decon water
3002	300 AREA FCU	a	300	By HCL	saa	contaminated debris, used oil
3003	300 DECON (OX)	a	300	Near the 300 Area decon sinks	90 day	decon water with oxidizer, oxidizer contaminated debris
3004	300 DECON (OX)	a	300	Near the 300 Area decon sinks	90 day	decon water with oxidizer, decon water with fuel
3005	300 90-DAY (FUEL)	a	300	Near the 300 Area decon sinks	90 day	decon water with fuel
3007	TR 2504	a	300 328	TS 328 - near front of northeast corner, mobile trailer	90 day	decon water with oxidizer
3008	TR 2505	a	300 328	TS 328 - near front of northeast corner, mobile trailer	90 day	decon water with oxidizer
3009	TR 2506	a	300 328	TS 328 - near front of northeast corner, mobile trailer	90 day	decon water with fuel
3010	TR 2507	a	300 313	TS 328 - near front of northeast corner, mobile trailer	90 day	decon water with fuel
3014	300 AREA FUEL DUMP TANK	a	300	300 Area Fuel Dump Tank	90 day	aqueous fuel waste
3015	TS 301A	a	300 301	Test Stand 301A	saa	contaminated debris
4002	400 VACUUM PUMPS	a	400 411	East of Bldg. 411 - on the rail	saa	used oil, contaminated debris
4003	400 90-DAY (OX)	a	400 412	East of Bldg. 412	90 day	decon water with oxidizer
4004	400 90-DAY (FUEL)	a	400 412	East of Bldg. 412	90 day	decon water with fuel, fuel, contaminated debris
4005	400 DECON STATION	a	400 448	Decon station near Bldg. 413	90 day	decon water with oxidizer, oxidizer contaminated debris, decon water with fuel
4007	STEAM SHACK	la	400 448	Outside Bldg. 400, mobile trailer	saa	used oil, waste diesel fuel, contaminated debris
4008	8460	a	400 460	Outside Bldg. 400, mobile trailer	saa	contaminated debris
4010	TR 5580	la	400 558	Outside Bldg. 400, mobile trailer	90 day	decon water with fuel
5001	FTU-1	a	500	Fuel Treatment Unit (FTU) on NASA Road P	uoa	site fuel waste (permitted)
5002	FTU-2	a	500	Inside the FTU area	90 day	fuel contaminated debris
5005	500 CYOY	a	500 536	Bldg. 536 - inside breathing air building	saa	contaminated debris
6001	8637T	a	600 637	Outside of Morgan Building next to Bldg. 637	90 day	IDW contaminated debris, IDW decon water
6002	TR 1452	a	600 638	Mobile trailer, stored south of Bldg. 638	90 day	IDW contaminated groundwater
6003	8650	a	600 650	Bldg. 650 - inside southeast corner	saa	contaminated debris
6004	8655	a	600 655	Bldg. 655 - mid game building	saa	IDW contaminated debris
6010	860-G-138	a	600 655	West 600-G-138	90 day	IDW contaminated groundwater
6014	TR 1451	la	600	Mobile trailer	90 day	IDW groundwater
6021	8637 MORGAN	a	600 MORG	Bldg. 637 decon pad	saa	IDW decon water
6022	MPITS - MOBILE TANKER	a	600 655	NA Based at Bldg. 655, currently at well NASA 1	90 day	IDW contaminated groundwater
6030	600 Lagoon	a	600	600 Area sewage lagoons	saa	IDW contaminated debris
6031	600 Lagoon - 2	a	600	600 Area sewage lagoons	saa	IDW decon water
6034	BLM OFFSITE PILE	a	600	BLM Offsite Pile	90 day	IDW debris, IDW decon water, IDW soil
8001	800 HETA	a	800 800	800 Area test cell yard including decon stations 1, 2, & 3	90 day	fuel contaminated water, fuel contaminated soft goods
8004	8802 METAL SHCP	a	800 802	Bldg. 802 - inside	saa	contaminated debris
8005	8803 PREF LAB	a	800 803	Bldg. 803	saa	contaminated debris



NASA WSTF Site Overview



300/500 Area

