

Exhibit C.8 -- Radioactive Waste Management Complex Operational Facilities List

Building Number	Building Name	Area (sq ft)	Number of Floors	Number Below Grade	Year Built	Facility Construction/Characteristics	Facility Usage/Capabilities	Occupied	Radiological Contamination			Related Documents	Comments
									Contaminated	Type	Level		
WMF-601	Radcon Field Office	3280	4	0	1976	Prefabricated/modular. Fire Suppression System—Wet pipe system and Dry Chemical extinguishers— Heat—Electric (2)—27 Kw. HUD-EHTR-0101 is located on the outside on the roof— used as the primary hood supply air duct heater. HUD-EHTR-0102 is located on the outside on the roof—used as the secondary hood supply air duct heater— Heat—Electric—27 Kw. High Bay (1)—40 ft long—20 ft wide. Mezzanine, 39' 4" x 38' 6"— Used for Radcon storage, instrument shop, Restrooms.	Office Lab, Calibration (Env. Cont./Spec. Shielding)—384 sqft Food Service—590 sqft—Lunch Room Storage—Haz/Chem—1862 sqft Service—272 sqft—Womens Locker Room Service—254 sqft—Mens Locker Room	Yes	No			SAR-4, Safety Analysis Document for the RWMC	Hazard Category 2 per LST-268
WMF-603	Pumphouse	1387	4	0	1977	Prefabricated/modular. Fire Suppression System—Wet pipe system and Dry Chemical extinguisher— Heat—Electric (4)—20.6 Kw. HV-EHTR-0301 is located in the Northwest corner—7.5 Kw HV-EHTR-0302 is located in the entry way—3 Kw. HV-EHTR-0303 is located in the standby generator room. Southwest corner—7.5 Kw. HV-EHTR-0304 is located in the storage room—2.6 Kw. Propane powered generator. S-CEN-0301, 175 Kw Standby— 480 V, 60 Hz @1800 rpm (Backup power for Fire Water Pump & Domestic Water Pumps). Domestic (Potable) Water Pumps (A, PW-P-0302—30 hp Motor, 250 gpm & B— PW-P-0303—30 hp Motor, 250 gpm pump). Electric Fire Water Pump FW-P-0301, 1500 gpm. Deep Well Pump (PW-P-0301)—WMF-603 is attached to WMF-709 Water Storage— Tank #1. Pit/Trench/Sump (1)—1 ft long, 1 ft wide, 1 ft deep sump.	Other Service Building Building Service Space—1387 sqft—Potable and Fire Water— Pump House	No	No			HAD-2, Hazard Assessment Document for the RWMC	
WMF-604	Change House & Lunch Room	1083	4	0	1977	Prefabricated/modular. Cooling—DX (1). Located on the East wall Fire Suppression System—Wet pipe system and Dry Chemical extinguisher— Heat—Electric (4)—24.4 Kw. HV-EHTR-0401 is located in the North wall—9.2 Kw. HV- EHTR-0402 is located in the North wall—9.2 Kw. HV-EHTR-0401 is located in the Mens restroom, South wall—3 Kw. HV-EHTR-0401 is located in the Mens restroom, North wall —3 Kw Locker/Change Room (1)—275 sq ft.	Change Houses Food Service—640 sqft Building Service Space—195 sqft—Janitors Closet & Hall Building Service Space—313 sqft—Mens Changing Room Building Service Space—124 sqft—Mens Restroom	Yes	No			HAD-2, Hazard Assessment Document for the RWMC	
WMF-605	Wellhouse #7	36			1979	Wood frame, metal siding, asphalt roofing.	Wellhouse for USGS Monitoring well # 87.	No	No			N/A	
WMF-609	Heavy Equipment Storage Shed	11166	4	0	1979	Prefabricated/modular. Door—Overhead (2)—14 ft wide, 16 ft high. South End—Nine (9) open bays. North End. Fire Suppression System—Dry Pipe system and Dry Chemical extinguishers— Heat—Electric (5)—50 Kw. HV-EHTR-0901 is located in the Northwest corner of shop— 15 Kw. HV-EHTR-0902 is located in the West wall of shop—15 Kw. HV-EHTR-0903 is located in the Northeast corner of shop—10 Kw. HV-EHTR-0901 is located in the Southeast corner of shop—10 Kw. HV-EHTR-0901 is located in the FWR room— Baseboard heater Air compressor in garage area.	Shed Storage and Potential Storage Area for LLW— Vehicle/Equipment Repair—2092 sqft Service—9075 sqft—Heavy Equipment Storage	No	No			SAR-4, Safety Analysis Document for the RWMC	Hazard Category 2 per LST-268
WMF-611	Operations Support Facility	400	4	0	1982	Prefabricated/modular. Cooling—DX (1). Heat pump HV-FHP-1101—12.0 lb charge. Fire Suppression System—Dry Chemical extinguisher— Heat—Electric (1). Heater located at the ceiling in the Northeast corner.	Office—400 sqft	Yes	No			HAD-2, Hazard Assessment Document for the RWMC	
WMF-619	Communications Building	400	4	0	1989	Prefabricated/modular. Control/Communication Center—400 sq ft. Cooling—DX (1). HV-FHP-1901—Electric Heat Pump. See drawing 171614. Fire Suppression System—Wet pipe system and Dry Chemical extinguisher— Heat—Electric (1)—5 Kw. Heater HV-EHTR-1901 is located in the Southeast corner. See drawing 446736.	Communications/Control Centers Service—400 sqft—Communications Building.	No	No			HAD-2, Hazard Assessment Document for the RWMC	
WMF-620	Work Control Center Trailer	1456	4	0	1988	Trailer Cooling—DX (2). HV-AHU-2001 (is combined with 10 Kw heater). HV-AHU-2002 (is combined with 10 Kw heater) Fire Suppression System—Wet pipe system and Dry Chemical extinguishers— Heat—Electric—20 Kw. See air handling units HV-AHU-2001 & 2002.	Office	Yes	No			HAD-2, Hazard Assessment Document for the RWMC	
WMF-621	Work Control Support Trailer	1456	4	0	1988	Trailer Cooling—DX (2). HV-AHU-2101 (is integrated with a 10 Kw heater). HV-AHU-2102 (is integrated with a 10 Kw heater) Fire Suppression System—Wet pipe system and Dry Chemical extinguishers— Heat—Electric (2)—10 Kw. HV-AHU-2101 & HV-AHU-2102	Office	Yes	No			HAD-2, Hazard Assessment Document for the RWMC	
WMF-622	Office Annex Trailer	1456	4	0	1985	Trailer Cooling—DX. Heating, ventilation and air conditioning unit—wall mounted (integrated with a 20 Kw heater) Fire Suppression System—Wet pipe system and Dry Chemical extinguishers— Heat—Electric (2)—20.5 Kw. HV-EHTR-2201—5 Kw HV-AHU-2201—20 Kw	Office	Yes	No			HAD-2, Hazard Assessment Document for the RWMC	
WMF-628	Type II Storage Module #1	28800	4	0	1993	Prefabricated/modular. Door—Overhead (2)—24 ft wide, 16 ft high, Fire Suppression System—Dry pipe system and Dry Chemical extinguishers—	Nuclear Contaminated Storage	No	No			Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	Hazard Category 2 per LST-268

WMF-637	Operations Control Building	24093	1	0	1995	Steel Framed Heat - Electric (10) - HV-EHTR-3701 Located in room 116, HV-EHTR-3702 Located in room 116, HV-EHTR-3703, HV-EHTR-3704 Located at the East entrance in room 100, HV-EHTR-3705 Located at the East entrance in room 100, HV-EHTR-3706 Located in the security room 102, HV-EHTR-3707 Located in the security room 102, HV-UHTR-3701 Located in the Boiler Room, HV-UHTR-3702 Located in the Mechanical room, HV-UHTR-3703 Located in the Mechanical room, HV-UHTR-3704 Located in the Mechanical room, HV-UHTR-3705 Located in the Mechanical room, HV4-EHTR-3701, HV2-EHTR-3701, HV3-UHTR-3701 Located at the in Boiler room near the East wall, HV3-UHTR-3702 Located at the in Boiler room near the East wall, HV3-UHTR-3703 Located in the Electrical room at the Ceiling, HV3-UHTR-3704 Located in the Mechanical room above HV1-AHU-3701, HV3-UHTR-3705 Located in the Mechanical room Locker/Change Room (2) - 105 lockers, 895 sq ft, Lockers - 30 Women & 75 Men Area - 181 Women & 704 Men. Uninterruptable Power Supply U-UPS-3701 Located in the Mechanical room near the East Wall, Lunch Room, Conference/E.C.G. room - 1600 sq. ft.	Office - 8567 sqft Auditorium/Conference - 1766 sqft Food Service - 1118 sqft Security - 4322 sqft Service - 8319 sqft	Yes	No			HAD-2, Hazard Assessment Document for the RWMC	
WMF-637 (continued)						Video Projection System located in the lunch room, #119 (North-East corner of WMF-637). Cooling - DX (1) - HV3-HV3-000 Cooling - DX - HV2-HV2-0000 Cooling - DX (1) - 130.6 Btu/hr, HV2-AHU-3702 (This unit is for the Conference/Emergency Command Post Area) Fire Supression System - Wet pipe system and Dry Chemical extinguishers. Heat - Steam (2) - 2088000 Btu/hr, HV3-BLR-3701 Located in the Boiler room facing North exit, HV3-BLR-3702 Located in the Boiler room near East Wall, Cooling - DX (1) - 460.3 Btu/hr, HV1-AHU-3701, Cooling - DX (1) - HV1-HV1-0000							
WMF-639	Firewater Pumphouse #2	1787	1	0	1995	Prefabricated/modular Door - Overhead (1) - 10 ft wide, 10 ft high, insulated. Fire Supression System - Wet pipe system and Dry Chemical extinguisher. Heat - Electric (3) - 30 Kw, HV-EHTR-3901 Located in the Southwest corner - 10 Kw, HV-EHTR-3902 Located in the Northwest corner - 10 Kw, HV-EHTR-3903 Located in the Southeast corner - 10 Kw Fire Water Pump - FW-P-3902 (Diesel - 2000 gpm) Fire Water Pump - FW-P-3904 (2000 gpm @1780 rpm) WMF-639 is attached to WMF-727 Fire Water Tank.	Other Service Buildings	No	No			HAD-2, Hazard Assessment Document for the RWMC	
WMF-641	Vapor Vacuum Extract Monitoring Well	16	1	0	1990	Prefabricated/modular Exhaust (1) - 100 cfm. Heat - Electric (1) - 15 KW, Space Heater.	Other Service Buildings Service - 16 sqft	No	No			SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	
WMF-642	Vapor Vacuum Extraction Monitoring Well	16	1	0	1990	Prefabricated/modular Exhaust (1) - 100 cfm. Heat - Electric (1) - 15 KW, Space Heater.	Other Service Buildings Service - 16 sqft	No	No			SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	
WMF-643	Vapor Vacuum Extract Monitoring Well	16	1	0	1990	Wood Frame, Siding, Asphalt Roof Exhaust (1) - 100 cfm. Heat - Electric (1) - 15 KW, Space Heater.	Other Service Buildings Service - 16 sqft	No	No			SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	
WMF-645	Construction Support Trailer	1549	1	0	1994	Trailer Cooling - DX (2) - HVAC unit HV-AHU-4501 Located on the South, HVAC unit HV-AHU-4502 Located on the North Fire Supression System - Wet pipe system and Dry Chemical extinguisher.	Office - 1549 sqft	Yes	No			HAD-2, Hazard Assessment Document for the RWMC	
WMF-646	Field Support Trailer	1549	1	0	1994	Trailer Cooling - DX (2) - HVAC unit HV-AHU-4601 Located on the North, HVAC unit HV-AHU-4602 Located on the South Fire Supression System - Wet pipe system and Dry Chemical extinguishers.	Office - 1549 sqft	Yes	No			HAD-2, Hazard Assessment Document for the RWMC	
WMF-648	Intermediate Level Transuranic Storage Facility Trailer	220	1	0	1993	Trailer Cooling - DX (1) , Portable Unit - HV-ACU-4801	Other Service Buildings Service - 220 sqft	No	No.			SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	
WMF-649	Vapor Vacuum Extraction Monitoring Well #9301	16	1	0	1993	Wood Frame, Siding, Asphalt Roof Exhaust (1) - 100 cfm.	Other Service Buildings Service - 16 sqft	No	No			SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	
WMF-650	Vapor Vacuum Extraction Monitoring Well #9302	16	1	0	1993	Wood Frame, Siding, Asphalt Roof Exhaust (1) - 100 cfm.	Other Service Buildings Service - 16 sqft	No	No			SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	
WMF-653	Office Annex #2, Trailer	1454	1	0	1993	Trailer Cooling - DX (1) - HVAC unit HV-AHU-5301 Fire Supression System - Wet pipe system and Dry Chemical extinguishers.	Office - 1454 sqft	Yes	No			HAD-2, Hazard Assessment Document for the RWMC	

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WMF-655	Material Handling Facility	5483	1	0	1995	Prefabricated/modular. Door—Overhead (3)—12 ft wide, 10 ft high; Fire Suppression System—Wet pipe system in heated area, dry pipe system in unheated area, and Dry Chemical extinguishers throughout. Heat—Electric (4), HV-UHTR-5501 Located near Ceiling in the Small Stock area, HV-UHTR-5502 Located near Ceiling in the Small Stock area, HV-UHTR-5503 Located near Ceiling in the Small Stock area, HV-UHTR-5504 Located near Ceiling in the Small Stock area. High Bay—63 ft long, 16 ft wide. Paved Area (2)—256 sq ft.	General Storage Storage, Warehouse—4630 sqft Service—844 sqft—Highbay	Yes	No			HAD-2, Hazard Assessment Document for the RWMC	
WMF-656	Maintenance Facility	5000	1	0	1995	Prefabricated/modular. Cooling—DX (1), HV-AHU-5601 Located in the Mechanical room. Door—Overhead (1)—12 ft wide, 10 ft high; Fire Suppression System—Wet pipe system and Dry Chemical extinguishers. Dust Collection System for Carpentry Shop. Sign Shop. Carpentry Shop—807 sqft Paved Area (1)—2366 sq ft.	Maintenance Shops, General Manufacturing/Fabrication/Assembly—5000 sqft	Yes	No			HAD-2, Hazard Assessment Document for the RWMC	
WMF-657	Construction Field Support Trailer	1568	4	0	1960	Trailer Cooling—DX (2), HV-AHU-5701 (Heater internal to unit), HV-AHU-5701 (Heater internal to unit) Fire Suppression System—Wet pipe system and Dry Chemical extinguisher. Heat—Electric (2)—20 Kw, HV-AHU-5701 Located outside on West wall—10 Kw, HV-AHU-5702 Located outside on West Wall—10 Kw.	Office—1568 sqft	Yes	No			HAD-2, Hazard Assessment Document for the RWMC	
WMF-658	RWMC Office Building	4560	4	0	1995	Prefabricated/modular. Cooling—DX (2)—1200000 Btu/hr, HVAC Unit HV-ACU-5801 Located on the Outside on the Northwest Side, HVAC Unit HV-ACU-5802 Located on the Outside on the Northwest Side. Fire Suppression System—Wet pipe system and Dry Chemical extinguishers. Heat—Electric (3)—20 Kw, HV-ACU-5802 Located on the Outside Northwest—10 Kw, HV-ACU-5802 Located on the Outside Northwest—10 Kw, HV-HTR-5801 Located on floor near floor in Mechanical room. Conference room—269 sq. ft. Digital dubbing Station	Office—4560 sqft	Yes	No			HAD-2, Hazard Assessment Document for the RWMC	
WMF-664	Hazardous Material Storage	428	1	0	1996	Steel Framed	Hazardous/Flammable Storage	No	No			HAD-2, Hazard Assessment Document for the RWMC	
WMF-671	Weather Enclosure Structure (WES) for the GEM Project	8800	1	0	2003	The WES consists of a prefabricated steel frame with a membrane cover consisting of a polyvinylchloride (PVC) - impregnated Preconstraint textile. Fire Suppression System - Dry pipe system and Dry Chemical extinguishers.	Nuclear Waste Processing and/or Handling Building	No	No			SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	Hazard Category 2 per LST-268. Located within the WES are the Retrieval Confinement Structure, three Packaging Glovebox Systems, and process specific support equipment (e.g. fire water pump, ventilation systems, misting system, etc). Additional mobile trailers (un-numbered) are located near the WES for support of the GEM Project. These facilities include a mobile trailer to support radiological personnel and equipment and mobile assay trailer.
WMF-680	Mobile Office trailer/break area	720 square feet	4	0	UNK	Mobile office trailer installed to support the construction of the GEM facilities. Fire Suppression System—Fire extinguishers.	Office space	No	No			N/A	WMF-680 is located on the north side of the RWMC, outside of the RWMC fence line.
WMF-681	Mobile Office trailer	720 square feet	4	0	UNK	Mobile office trailer installed to support the constructions of the GEM facilities. Fire Suppression System—Fire extinguishers.	Office space	Yes	No			N/A	WMF-681 is located on the north side of the RWMC, outside of the RWMC fence line. Note: A smaller mobile trailer (un-numbered) is installed to the East of WMF-681. This trailer housed the security access personnel during the GEM construction period.
WMF-682	Security Mobile Office Trailer	428 square feet	4	0	UNK	Modular office trailer	No current use. See comments.	No					WMF-682 is located on the north side of the RWMC. This trailer housed the security access personnel during the GEM construction period.
WMF-700	Subsurface Disposal Area	33,750,000	N/A	N/A	1954	Various unlined dirt excavations referred to as "pits and trenches."	Historical Waste Disposal/Active LLW Disposal Facility	No				SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	Hazard Category 2 per LST-268.
WMF-702	Liquid Corrosive Chemical Disposal	10,584 cubic feet	N/A	N/A	1957	Below grade structure, shutdown pending D&D.	Known as "Acid Pit" within the SDA	No				SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	
WMF-704	Timber Bridge Over Drain Ditch	144 feet	N/A	N/A	1970	Wood	Access point for crossing drainage ditch between RWMC Operations area and TSA.	No				N/A	
WMF-708	Sump Pit	10,948	N/A	N/A	1972	Concrete structure.	Captures runoff from Pit 9 area and pumps runoff to drainage ditch.	No					
WMF-709	Potable Water Storage Tank #1.	250,000 gallons	N/A	N/A	1974	Insulated, carbon steel tank.	Provides potable water to RWMC and AMWTP.	No				HAD-2, Hazard Assessment Document for the RWMC	
WMF-710	Concrete Bridge	36 feet	N/A	N/A	1983	Concrete	Main access point for crossing drainage ditch between RWMC Operations area and TSA.	No				N/A	

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WMF-711	Former Air Support Building	22,500 sq. ft.	N/A	N/A	1981	Concrete Block Foundation and asphalt pad	D&D partially completed.	No	No			N/A	Facility underwent RCRA Closure and air support structure removed. Utilities disconnected at facility boundary.
WMF-714	Intermediate Level Transuranic Storage Facility (ILTSF) Pad 1	247,808 cubic feet	N/A	N/A	1977	Below grade, 12" to 24" steel vaults with concrete shield plugs. Asphalt pad.	Interim storage of remote handled TRU waste	No	No.			SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	Hazard Category 2 per LST-268.
WMF-716	Helicopter Landing Pad	278 square yards	N/A	N/A	1983	Asphalt pad.	As name implies.	No				N/A	Inactive
WMF-720	Intermediate Level Transuranic Storage Facility (ILTSF) Pad 2	247,808 cubic feet	N/A	N/A	1984	Below grade, 12" to 24" steel vaults with concrete shield plugs. Asphalt pad.	Formerly used as interim storage for remote handled TRU waste. Clean closed under RCRA.	No	No.			SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	Hazard Category 2 per LST-268. The Pad 2 ILTSF vaults are empty. The Pad 2 RCRA Permitted Vaults have been RCRA closed.
WMF-726	Adams Boulevard Bridge	Not Listed	N/A	N/A	UNK	Concrete	Bridge over drainage ditch on main access road to south gate.	No				N/A	
WMF-727	Fire Water Tank	250,000-gallons	N/A	N/A	1994	Carbon-steel tank	Services all firewater systems at RWMC and AMWTP.	No				HAD-2, Hazard Assessment Document for the RWMC	
WMF-730	RHLLW Concrete Lined Disposal Vaults	Not Listed	N/A	N/A	1994, 2003	Precast reinforced concrete. Built on grade of pit bottom and earthen bermed.	Disposal vaults for remote-handled LLW.	No				SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	Hazard Category 2 per LST-268.
WMF-731	RWMC Sewage Lagoon	Not Listed	N/A	N/A	UNK	Four separate ponds designed to accept up to 2.7 M gallons per year.	Services all RWMC and AMWTP facilities.	No				N/A	
WMF-732	Propane Tank North of WMF-637	42,000-gal	N/A	N/A	1997	Carbon-steel tank	Propane fuel heaters in WMF-637.	No				HAD-2, Hazard Assessment Document for the RWMC	
WMF-733	Drum Inspection Station	100 square feet	N/A	N/A	UNK	Small wooden frame building.	No current use.	No				N/A	This is an inactive facility that has been relocated to an outdoor storage area located to the northwest of the RWMC. Approximate size is 10-ft X 10-ft.
WMF-736	Cold Test Pit-South (CTP-S)	Not Listed	N/A	N/A	UNK	The CTP-S is plot of ground that has been excavated several times for various tests with surrogate waste. Collapseable and moveable structure (yurt) is currently located over the excavated area, outside the southern fence line.	Experimental and mock-up facility for environmental restoration activities.	No				N/A	The CTP-S area is regularly used by Environmental Restoration Program for demonstration, training, and testing of various physical activities or operations that may be implemented in the SDA. The CTP-S consists of office trailers, process enclosures, and storage containers.
WMF-737	Gasoline Tank	270 gallons	N/A	N/A	UNK	Concrete	Gasoline used for RWMC operations vehicles. Located in operations area.	No				HAD-2, Hazard Assessment Document for the RWMC	
WMF-738	Propane Tank	500-gal	N/A	N/A	UNK	Carbon-steel tank	Propane feeds emergency diesel generator in WMF-603. Located in operations area.	No				HAD-2, Hazard Assessment Document for the RWMC	
WMF-739	USGS Monitoring Well # 88		N/A	N/A	N/A	No structure built over wellhead.	Well is located near CTP-S along road to spreading area.	No				N/A	
WMF-740	USGS Monitoring Well # 89		N/A	N/A	N/A	No structure built over wellhead.	Well is located west of SDA near the wind gap.	No				N/A	
WMF-741	USGS Monitoring Well # 90		N/A	N/A	N/A	No structure built over wellhead.	Well is located approximately 12 feet east of WMF-634. USGS is considering abandoning the well, because the pump is broke and stuck in the well.	No					
WMF-750	Temporary Fire Riser Building (for GEM Project)	100 sq. ft.		1	0	2002	Prefabricated metal	As name implies.	No			SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	
B25-601	SDA Engineered Test Facility	2,112	1	N/A	UNK	Concrete. Built on grade, but bermed on three sides.	Environmental R&D Test Buildings, with plots to test moisture/contaminant movement. Instrumentation installed in several locations.	No				N/A	