



THE MEMPHIS DEPOT TENNESSEE

ADMINISTRATIVE RECORD COVER SHEET

AR File Number 797

9/11



DEFENSE LOGISTICS AGENCY

DEFENSE DISTRIBUTION CENTER
2001 MISSION DRIVE
NEW CUMBERLAND, PA 17070-5000

IN REPLY
REFER TO

DDC J-3/J-4E

July 12, 2004

Mr. Clayton Bullington
Tennessee Department of Environment and Conservation (TDEC)
Division of Solid Waste Management (DSWM)
401 Church Street, 5th Floor, L & C Tower
Nashville, Tennessee 37243-1535

RE: Additional Information
Corrective Action Permit Application
Defense Depot Memphis Tennessee (DDMT)
Permit Number TNHW-053
EPA I.D. TN4 210 020 570

Dear Mr. Bullington:

This letter confirms submittal of the additional information requested in your letter dated June 24, 2004. The Defense Logistics Agency (DLA) directed the remedial action contractor, Thomas Holmes of MACTEC Engineering and Consulting to provide the information as discussed in telephone conversations with you. In particular, Mr. Holmes provided: 1) a text summary addressing the site location and description, site history, environmental regulatory activities, and community participation; and 2) a revised table listing the solid waste management units and areas of concern with their status and the applicable CERCLA decision document. Electronic transmittal of the documents was made on June 30, 2004 with receipt confirmed by you on July 1, 2004. A copy of each submittal is attached.

If there are any questions regarding this submittal, please contact Thomas Holmes of MACTEC Engineering and Consulting, DLA's remedial action contractor, at 770-421-3373 or tcholmes@mactec.com. Thank you for your assistance.

Sincerely,

MICHAEL A. DOBBS
Environmental Program Manager

Enclosures (2)

cc: David M. Buxbaum, Regional Attorney, US Army SREO
Turpin Ballard, Federal Facilities, US EPA Region 4
James Morrison, TDEC-DSF
Jesse Perez, AFCEE

Defense Depot Memphis Tennessee Facility Description and Regulatory History

Site Location and Description

The Memphis Depot (formerly known as the Defense Distribution Depot Memphis, Tennessee and referred to in this report as the DDMT) originated as a military facility in the early 1940s. Its initial mission and function was to provide stock control, materiel storage, and maintenance services to the U.S. Army (Memphis Depot Caretaker, 1998). In 1995, the DDMT was placed on the list of the Department of Defense (DoD) facilities to be closed under Base Realignment and Closure (BRAC). Storage and distribution of materiel for all U.S. military services and some civil agencies continued until the facility closed in September 1997.

The DDMT is in southeastern Memphis, Tennessee approximately 5 miles east of the Mississippi River and just northeast of Interstate 240. The property consists of approximately 642 acres and includes two components: the Main Installation (MI), which contains approximately 578 acres with open storage areas, warehouses, military family housing, and outdoor recreational areas, and Dunn Field, which contains approximately 64 acres and includes former mineral storage and waste disposal areas.

The lead agency for the site activities at the DDMT is the Defense Logistics Agency (DLA). The regulatory oversight agencies are the Environmental Protection Agency (EPA), Region 4 and the Tennessee Department of Environmental and Conservation (TDEC). DLA and the DoD will implement the selected response actions and will incur all associated costs. The DDMT has an EPA Identification Number listed as TN4210020570.

Following closure the Base Realignment and Closure Office in Ft. Monroe, Virginia is responsible for property dispositions (transfers) and is considered the owner. Three property transfers have been completed covering 381 acres. A fourth transfer for approximately 41 acres is in process. These four transfers include the majority of the DDMT not needed for implementation of remedial actions. The local re-use authority, Depot Redevelopment Corporation (DRC), has a 50 year master lease on the Main Installation. The DRC has completed over 20 subleases with commercial tenants covering over half of the Main Installation.

The entire DDMT property is currently zoned for Light Industrial Use. Land use controls have been established for all DDMT property with residual contamination above residential use criteria. A Notice of Land Use Restrictions is currently being prepared in accordance with

Tennessee requirements for the Main Installation. A similar notice will be prepared for Dunn Field upon completion of the remedial design.

Site History

The DDMT was officially activated on January 26, 1942, as the Memphis General Depot. Since that time, the DDMT's mission and function was to receive, store, and distribute various commodities to the Armed Forces and civilian Agencies, when required. The U.S. Army operated the facility until it closed in September 1997 (U.S. Army Toxic and Hazardous Materials Agency [USATHAMA], 1982).

The DDMT received, warehoused, and distributed supplies common to all U.S. military services and some civil agencies located primarily in the southeastern United States, Puerto Rico, and Panama. Stocked items included food, clothing, electronic equipment, petroleum products, construction materials, and industrial, medical, and general supplies. Approximately 4 million line items were received and shipped by the DDMT annually; total shipments amounted to about 107,000 tons of goods per year.

Environmental Regulatory Activities

Important dates for the DDMT in regards to environmental regulatory activities include:

- In **January 1990**, EPA Region 4 conducted a Resource Conservation and Recovery Act (RCRA) Facility Assessment (RFA) at the Memphis Depot through a contract with A. T. Kearney, Inc. (EPA, 1990). The RFA resulted in the identification of 49 SWMUs and 8 AOCs at the facility.
- On **September 28, 1990**, the DDMT was issued a RCRA Part B permit for the storage of hazardous waste (No. TN4 210-020-570) by EPA Region 4 and TDEC. The Hazardous and Solid Waste Amendments (HSWA) portion of the permit issued by EPA included requirements for the identification and, if necessary, corrective action of SWMUs and AOCs. Subsequent to issuing the permit, and in accordance with Section 120(d) (2) of CERCLA, and Title 42, Section 9620 (d)(2) of the United States Code (USC), EPA prepared a final Hazard Ranking System (HRA) Scoring Package for the facility.
- On **October 14, 1992**, based on the Final HRS score of 58.06, EPA added the DDMT to the National Priorities List (NPL) (57 Federal Register 47180 No. 199).

- On **March 6, 1995**, a Federal Facilities Agreement (FFA) under CERCLA, Section 120, and RCRA, Sections 3008(h), and 3004(u) and (v), was entered into by EPA, TDEC, and DLA. Appendix C of the FFA (FY94 Site Management Plan) identified a list of the original sites for investigation. A BRAC Cleanup Plan (BCP) subsequently replaced the SMP and included the list of sites for further investigation under CERCLA. The FFA outlined the process for investigation and cleanup of the sites at the DDMT under CERCLA. The parties agreed that investigation and cleanup of releases from the sites (including formerly identified SWMUs/ AOCs) would satisfy any RCRA corrective action obligation under the EPA HSWA permit and T.C.A Section 68-212-101 et seq.
- In **July 1995**, the DDMT was identified for the closure under the BRAC process, which requires environmental restoration at the DDMT to comply with the requirements for property transfer under Public Law 101-510 of Title XXIX, Defense Base Closure and Realignment. Since then, environmental restoration activities have been funded under BRAC. After the DDMT was placed on the BRAC closure list, the City of Memphis and the Depot Redevelopment Corporation (DRC), to plan and coordinate the reuse of the DDMT. The DRC conducted several public meetings during the preparation of its *Memphis Depot Redevelopment Plan* to obtain community feedback on future land use plans. The *Memphis Depot Redevelopment Plan* was approved in 1997 (The Pathfinders, 1997).
- On **October 22, 1998**, the RCRA Part B permit was terminated by TDEC because the proposed storage unit was never constructed or operated.
- In **February 2001**, the Record of Decision for the Main Installation received final approval, and in **March 2004**, the Record of Decision for Dunn Field was approved. Pursuant to the FFA, cleanup decisions have been made by the BRAC Cleanup team (DLA, EPA and TDEC) for the Main Installation and Dunn Field, and response actions have and will be taken to address releases of hazardous substances into the environment that may present a risk to human health and the environment.

Community Participation

The DDMT has performed public participation activities in accordance with the CERCLA and to the extent practicable the NCP throughout the CERCLA site clean-up process. This includes monthly Restoration Advisory Board (RAB) meetings since 1994, numerous Community

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Involvement Sessions and public meeting, production of a bi-monthly newsletter, and the establishment of information repositories and an on-site Community Outreach Room.

List of SWMUs and AOCs for the Defense Depot Memphis, Tennessee

SWMU/AOC Number	CERCLA OU Number	SWMU/AOC Name	Status and Decision Document(s)
1	1	Mustard and Lewisite Training Sets (9 sets) Burial Site (1955)	A CERCLA Removal Action took place for this area in 2000-2001. No further remedial action is required for this site; however, it is located in the Dunn Field disposal area where the selected CERCLA remedy includes land use controls. DF ROD
2	1	Ammonia Hydroxide (7 pounds) and Acetic Acid (1 gallon) Burial (1955)	No further action is required for this site; however, it is located in the Dunn Field disposal area where the selected CERCLA remedy includes land use controls. DF ROD
3	1	Mixed Chemical Burial Site (orthotoluidine dihydrochloride) (1955)	No further action is required for this site; however, it is located in the Dunn Field disposal area where the selected CERCLA remedy includes land use controls. DF ROD
4	1	POL Burial Site (thirteen 55-gallon drums of oil, grease, and paint)	Remedial action, including excavation of contaminated soils/waste materials and off-site disposal, is planned for this site. This unit is located in the Dunn Field disposal area where the selected CERCLA remedy includes land use controls. DF ROD
5	1	Methyl Bromide Burial Site A (3 cubic feet) (1955)	No further action is required for this site; however, it is located in the Dunn Field disposal area where the selected CERCLA remedy includes land use controls. DF ROD
6	1	40,037 units ointment (eye) Burial Site (1955)	No further action is required for this site; however, it is located in the Dunn Field disposal area where the selected CERCLA remedy includes land use controls. DF ROD
7	1	Nitric Acid Burial Site (1,700 quart bottles) (1954)	No further action is required for this site; however, it is located in the Dunn Field disposal area where the selected CERCLA remedy includes land use controls. DF ROD

List of SWMUs and AOCs for the Defense Depot Memphis, Tennessee

SWMU/AOC Number	CERCLA OU Number	SWMU/AOC Name	Status and Decision Document(s)
8	1	Methyl Bromide Burial Site B (3,768 1-gallon cans) (1954)	No further action is required for this site; however, it is located in the Dunn Field disposal area where the selected CERCLA remedy includes land use controls. DF ROD
9	1	Ashes and Metal Burial Site (burning pit refuse) (1955)	No further action is required for this site; however, it is located in the Dunn Field disposal area where the selected CERCLA remedy includes land use controls. DF ROD
10	1	Solid Waste Burial Site (near MW-10) (metal, glass, trash, etc.)	Remedial action, including excavation of contaminated soils/waste materials and off-site disposal, is planned for this site. This unit is located in the Dunn Field disposal area where the selected CERCLA remedy includes land use controls. DF ROD
11	1	Trichloroacetic Acid Burial (1,433 1-ounce bottles) (1965)	No further action is required for this site; however, it is located in the Dunn Field disposal area where the selected CERCLA remedy includes land use controls. DF ROD
12	1	Sulfuric and Hydrochloric Acid Burial (1967)	No further action is required for this site; however, it is located in the Dunn Field disposal area where the selected CERCLA remedy includes land use controls. DF ROD
13	1	Mixed Chemical Burial (Acid, 900 pounds; unnamed solids, 8,100 pounds)	No further action is required for this site; however, it is located in the Dunn Field disposal area where the selected CERCLA remedy includes land use controls. DF ROD
14	1	Municipal Waste Burial Site B (near MW-12) (food, paper products)	No further action is required for this site; however, it is located in the Dunn Field disposal area where the selected CERCLA remedy includes land use controls. DF ROD

List of SWMUs and AOCs for the Defense Depot Memphis, Tennessee

SMWU/AOC Number	CERCLA OU Number	SWMU/AOC Name	Status and Decision Document(s)
15	1	Sodium Burial Sites (1968)	Remedial action, including excavation of contaminated soils/waste materials and off-site disposal, is planned for this site. This unit is located in the Dunn Field disposal area where the selected CERCLA remedy includes land use controls. DF ROD
16	1	Unknown Acid Burial Site (1969)	No further action is required for this site; however, it is located in the Dunn Field disposal area where the selected CERCLA remedy includes land use controls. DF ROD
17	1	Mixed Chemical Burial Site C (1969)	No further action is required for this site; however, it is located in the Dunn Field disposal area where the selected CERCLA remedy includes land use controls. DF ROD
18	1	Plane Crash Residue (Dunn Field)	No further action is required for this site; however, it is located in the Dunn Field disposal area where the selected CERCLA remedy includes land use controls. RFA; DF ROD
19	1	Former Tear Gas Canister Burn Site (Dunn Field)	No further action is required for this site. DF ROD
20	1	Probable Asphalt Burial Site (Dunn Field)	No further action is required for this site; however, it is located in the Dunn Field area where the selected CERCLA remedy includes land use controls. DF ROD
21	1	XXCC-3 Burial Site (Dunn Field)	No further action is required for this site. DF ROD
22	1	Hardware Burial Site (nuts and bolts) (Dunn Field)	No further action is required for this site; however, it is located in the Dunn Field disposal area where the selected CERCLA remedy includes land use controls. RFA; DF ROD

List of SWMUs and AOCs for the Defense Depot Memphis, Tennessee

SWMU/AOC Number	CERCLA OU Number	SWMU/AOC Name	Status and Decision Document(s)
23	1	Construction Debris and Food Burial Site (Dunn Field)	No further action is required for this site; however, it is located in the Dunn Field disposal area where the selected CERCLA remedy includes land use controls. RFA; DF ROD
24	1	Former Burial/Burn Site & Neutralization Pit	Beginning in August 2000 all 29 bomb casings were recovered from the burial site and 900 cubic yards of soil contaminated with mustard degradation by-products were excavated and disposed offsite. Beginning in November 2000, 33 cubic yards of soil contaminated with mustard and degradation by-products were excavated from the neutralization pit and disposed offsite. In March 2001, the CERCLA Removal Action was complete. No further action is required for this site; however it is located in a section of the Dunn Field stockpile area where the selected CERCLA remedy includes land use controls. DF ROD
25	3	Golf Course Pond	This unit is located in Functional Unit 2 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
26	3	Lake Danielson	This unit is located in Functional Unit 2 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
27	2	Former Recoupment Area (Building 873)	Contaminated soil was removed in 1985 as part of pre- Remedial Investigation activities. No further action is required for this site; however, it is located in Functional Unit 2 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
28	4	Recoupment Area (Building 865)	No further action is required for this site; however, it is located in Functional Unit 4 on the Main Installation for which the selected CERCLA remedy includes land use controls. RFA; MI ROD

List of SWMUs and AOCs for the Defense Depot Memphis, Tennessee

SMWU/AOC Number	CERCLA OU Number	SWMU/AOC Name	Status and Decision Document(s)
29	2	Former Underground Waste Oil Storage Tank	The tank was located and removed during a CERCLA Removal Action in 2000; the contaminated soils were disposed as special waste and the tank contents were disposed as RCRA hazardous waste. This unit is located in Functional Unit 3 on the Main Installation for which the selected CERCLA remedy includes land use controls. This unit overlies the groundwater treatment area of Functional Unit 7, Groundwater at the Main Installation, where enhanced bioremediation was selected as the CERCLA remedy. MI ROD
30	2, 3	Paint Spray Booths (Buildings 260, 770 and 1086)	No further action is required for this unit; however, it is located in Functional Units 3 and 6 on the Main Installation for which the selected CERCLA remedy includes land use controls. RFA; MI ROD
31	2	Former Paint Spray Booth (Building 1087)	Building 1087 was decontaminated by vacuuming to remove free dust and pressure washing. The surface soil outside the building was excavated to a depth of one foot and replaced with clean backfill. The excavated soil was disposed off-site as special waste. This CERCLA Removal Action was completed in 2000. No further action is required for this site; however, it is located in Functional Unit 3 on the Main Installation for which the selected CERCLA remedy includes land use controls. This unit overlies the groundwater treatment area of Functional Unit 7, Groundwater at the Main Installation, where enhanced bioremediation was selected as the CERCLA remedy. MI ROD

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SWMU/AOC Number	CERCLA OU Number	SWMU/AOC Name	Status and Decision Document(s)
32	2	Sandblasting Waste Accumulation Area	Building 1088 was decontaminated by vacuuming to remove free dust and pressure washing. The surface soil outside the building was excavated to a depth of one foot and replaced with clean backfill. The excavated soil was disposed off-site as special waste. This CERCLA Removal Action was completed in 2000. No further action is required for this site; however, it is located in Functional Unit 3 on the Main Installation for which the selected CERCLA remedy includes land use controls. This unit overlies the groundwater treatment area of Functional Unit 7. Groundwater at the Main Installation, where enhanced bioremediation was selected as the CERCLA remedy. MI ROD
33	2	Sandblasting Waste Drum Storage Area (shed south of Building 1088)	The surface soil in this area was excavated to a depth of one foot and replaced with clean backfill. The excavated soil was disposed off-site as special waste. This CERCLA Removal Action was completed in 2000. No further action is required for this site; however, it is located in Functional Unit 3 on the Main Installation for which the selected CERCLA remedy includes land use controls. This unit overlies the groundwater treatment area of Functional Unit 7. Groundwater at the Main Installation, where enhanced bioremediation was selected as the CERCLA remedy. RFA; MI ROD
34	2	Building 770 Underground Oil Storage Tanks	The underground storage tanks were removed in 1989. This unit is located in Functional Unit 3 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
35	4	DRMO Building S308 - Hazardous Waste Storage	No further action is required for this unit; however, it is located in Functional Unit 4 on the Main Installation for which the selected CERCLA remedy includes land use controls. RFA; MI ROD

List of SWMUs and AOCs for the Defense Depot Memphis, Tennessee

SWMU/AOC Number	CERCLA OU Number	SWMU/AOC Name	Status and Decision Document(s)
36	4	DRMO Hazardous Waste Concrete Storage Pad	This unit is located in Functional Unit 4 on the Main Installation for which the selected CERCLA remedy includes land use controls. RFA; MI ROD
37	4	DRMO Hazardous Waste Gravel Storage Pad	This unit is located in Functional Unit 4 on the Main Installation for which the selected CERCLA remedy includes land use controls. MJ ROD
38	4	DRMO Damaged/Empty Hazardous Materials Drum Storage Area	This unit is located in Functional Unit 4 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
39	4	DRMO Damaged/Empty Lubricant Container Area	This unit is located in Functional Unit 4 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
40	2, 3	Safety Kleen Units - 9 total units (Buildings 253, 469, 490, 689 and 770)	No further action is required for these units; however, they were located in Functional Units 3, 5 and 6 on the Main Installation for which the selected CERCLA remedy includes land use controls. RFA; MI ROD
41	2-4	Satellite Drum Accumulation Areas - 5 total	The units were located in Functional Units 1, 3, 5 and 6 on the Main Installation for which the selected CERCLA remedy includes land use controls. RFA; MI ROD
42	4	Former PCP (pentachlorophenol) Dip Vat Area	In 1986, the dip vat was removed and the soil was excavated to a depth of 10 feet. Soil with PCP concentrations greater than 200 ppb remained beneath the excavated area. The excavation was backfilled with clean soil and with gravel or concrete placed on top of the clean fill. No further remedial action is required for this unit. This unit is located in Functional Unit 4 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD

List of SWMUs and AOCs for the Defense Depot Memphis, Tennessee

SMWU/AOC Number	CERCLA OU Number	SWMU/AOC Name	Status and Decision Document(s)
43	4	Former Underground PCP (pentachlorophenol) Tank Area	The tank was brought above ground in 1986 and drained into drums. The soil around the unit was excavated to a depth of 10 to 15 feet, 20 feet wide and 22 feet long. The pumps and lines were also removed. The excavation was backfilled with clean soil and with gravel or concrete placed on top of the clean fill. No further remedial action is required for this unit. This unit is located in Functional Unit 4 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
44	4	Former Wastewater Treatment Unit Area	No further action is required for this site; however, it is located in Functional Unit 4 on the Main Installation for which the selected CERCLA remedy includes land use controls. RFA; MI ROD
45	4	Former Contaminated Soil Staging Area	No further action is required for this site; however, it is located in Functional Unit 4 on the Main Installation for which the selected CERCLA remedy includes land use controls. RFA; MI ROD
46	4	Former PCP (pentachlorophenol) Pallet Drying Area	This unit is located in Functional Unit 4 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
47	2	Former Contaminated Soil Drum Storage Area	No further action is required for this unit; however, it is located in Functional Unit 4 on the Main Installation for which the selected CERCLA remedy includes land use controls. RFA; MI ROD
48	3	Former PCB Transformer Storage Area	Site remediation by removal of surface soil was completed in 1998. This unit is located in Functional Unit 6 on the Main Installation for which the selected CERCLA remedy includes land use controls. This unit overlies the groundwater treatment area of Functional Unit 7, Groundwater at the Main Installation, where enhanced bioremediation was selected as the CERCLA remedy. MI ROD

List of SWMUs and AOCs for the Defense Depot Memphis, Tennessee

SWMU/AOC Number	CERCLA OU Number	SWMU/AOC Name	Status and Decision Document(s)
49	3	Medical Waste Storage Area	No further action is required for this unit; however, it is located in Functional Unit 5 on the Main Installation for which the selected CERCLA remedy includes land use controls. RFA; MI ROD
50	1	Dunn Field Northeastern Quadrant Drainage Ditch (AOC A)	No further action is required for this site; however, it is located in a section of Dunn Field area where the selected CERCLA remedy includes land use controls. DF ROD
51	3	Lake Danielson Outlet Ditch (AOC B)	No further action is required for this area; however, it is located in Functional Unit 2 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
52	3	Golf Course Pond Outlet Ditch (AOC C)	No further action is required for this area; however, it is located in Functional Unit 2 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
53	4	X-25 Flammable Solvents Storage Area (near Building 925) (AOC D)	No further action is required for this area; however, it is located in Functional Unit 4 on the Main Installation for which the selected CERCLA remedy includes land use controls. RFA; MI ROD
54	4	Main Installation - DRMO East Stormwater Runoff Canal (AOC E)	No further action is required for this area; however, it is located in Functional Unit 4 on the Main Installation for which the selected CERCLA remedy includes land use controls. RFA; MI ROD
55	4	Main Installation - DRMO North Stormwater Runoff Canal (AOC F)	No further action is required for this area; however, it is located in Functional Unit 4 on the Main Installation for which the selected CERCLA remedy includes land use controls. RFA; MI ROD
56	4	Main Installation - West Stormwater Drainage Canal (AOC G)	No further action is required for this area; however, it is located in Functional Unit 4 on the Main Installation for which the selected CERCLA remedy includes land use controls. RFA; MI ROD

List of SWMUs and AOCs for the Defense Depot Memphis, Tennessee

SMWU/AOC Number	CERCLA OU Number	SMWU/AOC Name	Status and Decision Document(s)
57	4	Building 629 Spill Area (AOC H)	This area is located in Functional Unit 1 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
58	3	Pesticides, Herbicides (Pad 267)	This area is located in Functional Unit 6 on the Main Installation for which the selected CERCLA remedy includes land use controls. This area overlies a groundwater treatment area of Functional Unit 7, Groundwater at the Main Installation, where enhanced bioremediation was selected as the CERCLA remedy. MI ROD
59	3	Pesticides, Cleaners (Building 273)	This unit is located in Functional Unit 2 on the Main Installation for which the selected CERCLA remedy includes land use controls. This site overlies the groundwater treatment area of Functional Unit 7, Groundwater at the Main Installation, where enhanced bioremediation was selected as the CERCLA remedy. MI ROD
60	1	Pistol Range Impact Area/Bullet Stop	A CERCLA Removal Action for lead in surface soil was conducted in 2003. No further action is required at this site. DF ROD
61	1	Buried Drain Pipe (Northwestern Quadrant of Dunn Field)	No further action is required for the site; however, it is located in the Dunn Field disposal area where the selected CERCLA remedy includes land use controls. DF ROD
62	1	Bauxite Storage (Northeastern Quadrant of Dunn Field)	No further action is required at this site. DF ROD
63	1	Fluorspar Storage (Southeastern Quadrant of Dunn Field)	No further action is required at this site. DF ROD
64	1	Bauxite Storage (Southwestern Quadrant of Dunn Field) (1942 to 1972)	No further action is required for the site; however, it is located in an area of Dunn Field where the selected CERCLA remedy includes land use controls. DF ROD

List of SWMUs and AOCs for the Defense Depot Memphis, Tennessee

SWMU/AOC Number	CERCLA OU Number	SWMU/AOC Name	Status and Decision Document(s)
65	3	XXCC-3 (Building 249)	No further action is required for this unit; however, it is located in Functional Unit 1 on the Main Installation for which the selected CERCLA remedy includes land use controls. DF ROD
66	3	POL (Building 253)	This unit is located in Functional Unit 6 on the Main Installation for which the selected CERCLA remedy includes land use controls. The unit overlies the groundwater treatment area of Functional Unit 7, Groundwater at the Main Installation, where enhanced bioremediation was selected as the CERCLA remedy. MI ROD
67	3	MOGAS (Building 257)	This area is located in Functional Unit 6 on the Main Installation for which the selected CERCLA remedy includes land use controls. This area overlies the groundwater treatment area of Functional Unit 7, Groundwater at the Main Installation, where enhanced bioremediation was selected as the CERCLA remedy. MI ROD
68	3	POL (Building 263) (20 by 40 feet)	This area is located in Functional Unit 6 on the Main Installation for which the selected CERCLA remedy includes land use controls. This area overlies the groundwater treatment area of Functional Unit 7, Groundwater at the Main Installation, where enhanced bioremediation was selected as the CERCLA remedy. MI ROD
69	3	2,4-D, M2A1, and M4 Flamethrower Liquid Fuels (surface application)	This area is located in Functional Unit 2 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
70	4	POL, Various Chemical Leaks (railroad tracks 1, 2, 3, 4, 5, and 6)	This area is located throughout the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
71	4	Herbicide (all railroad tracks) (used to clear tracks)	This area is located throughout the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD

List of SWMUs and AOCs for the Defense Depot Memphis, Tennessee

SMWU/AOC Number	CERCLA OU Number	SWMU/AOC Name	Status and Decision Document(s)
72	4	Waste Oil (DRMO yard) (surface application for dust control)	This area is located in Functional Unit 4 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
73	2-4	2,4-Dichlorophenoxyacetic Acid (all grassed areas)	This area is located throughout the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
74	4	Flammables, Toxics (West End - Building 319)	No further action is required for this area; however, it is located in Functional Unit 4 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
75	3	Unknown Wastes near Building 689	This area is located in Functional Unit 5 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
76	3	Unknown Wastes near Building 690	This area is located in Functional Unit 5 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
77	3	Unknown Wastes near Buildings 689 and 690	This area is located in Functional Unit 5 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
78	3	Alcohol, Acetone, Toluene, Naphtha; Hydrofluoric Acid Spill	This area is located in Functional Unit 5 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
79	4	Fuels, Miscellaneous Liquids, Wood, and Paper (Vicinity S702)	No further action is required for this area; however, it is located in Functional Unit 4 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD

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SWMU/AOC Number	CERCLA OU Number	SWMU/AOC Name	Status and Decision Document(s)
80	4	Fuel and Cleaners Dispensing (Building 720)	This area is located in Functional Unit 4 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
81	4	Fuel Oil AST (Building 765 – removed in 1994)	This area is located in Functional Unit 4 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
82	2	Flammables (Buildings 783 and 793)	This area is located in Functional Unit 3 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
83	4	Disposal of Dried Paint Residues - South of Building 949	Lead contaminated soil was removed from an area of approximately 7,200 square feet. The CERCLA Removal Action was completed in 2001. This area is located in Functional Unit 4 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
84	2	Flammables, Solvents, Waste Oil, etc. (Building 972)	This area is located in Functional Unit 3 on the Main Installation for which the selected CERCLA remedy includes land use controls. MI ROD
85	1	Old Pistol Range Building 1184/Temporary Pesticide Storage	A CERCLA Removal Action for lead in surface soil was conducted in 2003. No further action is required at this site. DF ROD
86	1	Food Supplies (Dunn Field)	No further action is required for this site; however, it is located in the Dunn Field disposal area where the selected CERCLA remedy includes land use controls. DF ROD

List of SWMUs and AOCs for the Defense Depot Memphis, Tennessee

SWMU/AOC Number	CERCLA OU Number	SWMU/AOC Name	Status and Decision Document(s)
87	2	DDT, banned pesticides (Building 1084)	Building 1084 was demolished and the debris was disposed off-site at a solid waste landfill. A concrete sump beneath the building was excavated; the contaminated soil was disposed off-site as special waste. This CERCLA Removal Action was completed in 2000. This area is located in Functional Unit 3 on the Main Installation for which the selected CERCLA remedy includes land use controls. This area overlies the groundwater treatment area of Functional Unit 7, Groundwater at the Main Installation, where enhanced bioremediation was selected as the CERCLA remedy. MI ROD
88	2	POL (Building 1085)	The concrete slab and hydraulic lift were removed during a CERCLA Removal Action in 2000; the contaminated soils were disposed offsite as special waste and the lift and cylinders were cleaned and disposed as scrap metal. The concrete debris was disposed offsite as construction debris. This area is located in Functional Unit 3 on the Main Installation for which the selected CERCLA remedy includes land use controls. This area overlies the groundwater treatment area of Functional Unit 7, Groundwater at the Main Installation, where enhanced bioremediation was selected as the CERCLA remedy. MI ROD
89	2	Acids (Building 1089)	Building 1089 was decontaminated by vacuuming to remove free dust and pressure washing. The surface soil in areas outside the southern end of the building were excavated to a depth of one foot and replaced with clean backfill. The excavated soil was disposed off-site as special waste. This CERCLA Removal Action was completed in 2000. This area is located in Functional Unit 3 on the Main Installation for which the selected CERCLA remedy includes land use controls. This area overlies the groundwater treatment area of Functional Unit 7, Groundwater at the Main Installation, where enhanced bioremediation was selected as the CERCLA remedy. MI ROD

List of SWMUs and AOCs for the Defense Depot Memphis, Tennessee

Decision Documents for Final Remedy Determination:

- RFA – RCRA Facility Assessment Report, A. T. Kearney, Inc., January 1990.
- MI ROD – Main Installation Record of Decision, CH2M Hill, February 2001. Final Approval: September 6, 2001.
- DF ROD – Dunn Field Record of Decision, CH2M Hill, March 2004. Final Approval: April 12, 2004.

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