

**Table 5-5**  
**Fernald Developmental Center Building History and Environmentally Significant Features**

Building Name	Construction Date	Heat Source	Historical Uses	Current Use	Environmentally Significant Features
Administration Bldg.	1933, add. 1965	steam	Administrative offices	Administrative offices	None
Howe Hall	1933	steam	Auditorium, copy center	Copy center, dead storage	275-gal AST in basement for generator Pad-mounted transformer (#77)
Shriver Center	1969	steam	Research center	Research center	UST (installed 1970)
Thom Bldg	1952	steam	Hospital	Marquardt Nursing Center, medical clinic, offices, central supply	Propane AST on pad behind bldg. Unused diesel AST inside bldg under loading dock Electrical vault in basement
Old Service Bldg.	1931	steam	Original food service bldg.	Closed, storage in basement	None
Building 55	1960	NA	Electrical vault	Electrical vault	PCB containing transformers outside bldg
Pearlman Bldg	Early 1990s	steam	New food service bldg	Food service bldg	5,000-gal diesel AST in building for generator
East/ Dowling Hall	1906	steam	Residence, offices, former bottle/can redemption center	Vacant	Pad-mounted transformer (#76) appears to be very old
Hillside	1904	natural gas	Superintendent’s residence, later client residential bldg.	Unoccupied	None
Training/Activity Center and Greenhouse/Program Bldg	1980s	oil	Greenhouse, client craft activities	Greenhouse, client craft activities	4,000-gal UST outside Pad-mounted transformer (#14)
Site 5	1981	oil	Program building	Waverley Bottle and Can Redemption Center	10,000-gal UST
Cottages #3 - #13	1976	UGHW	Residential	Residential (some unoccupied)	Pad-mounted transformers(T69-T72 and T75) 85-gal diesel AST under Onan generator (outside of Cottage #11)
Cottage Complex (Site 7) Bldg	1981	oil	Program activities	Workshop, Recreation area, piece work	Pad-mounted transformer (T75)
Woodside	1981	UGHW	Program activities	Recreation area, piece work	Pad-mounted transformer (T74)
Brookside	1981	UGHW	Program classrooms	Program classrooms	Pad-mounted transformer (T15)
Chapel	1960	steam	Church services	Church services	Non-PCB transformer T2 on UP SE corner of bldg
Greene Unit	1953	steam	Hospital	Hospital, pool, gym, conference rooms	275-gal diesel AST in bldg for generator Non-PCB Pad-mounted transformer (T12)
Wheatley Hall	1933	steam	Furniture repair	Unoccupied	Location marker for Exxon petroleum pipeline north-northwest of Wheatley Hall along Malone Park Drive
Farrell Hall	1960	steam	Residential	Residential	Pad-mounted transformer (T11) Kohler diesel generator (AST 3A) Could not locate AST 16A outside of bldg (may be inside)
Dolan Hall	1906	steam	Residential	Vacant	Non-PCB pad-mounted transformer (T10)
Malone Park Bldgs: ICF 21 – ICF 24	1980s-1990s	oil	Residential	Residential	Pad-mounted transformer (T68) Four 300-gallon No. 2 oil ASTs in plastic secondary containment lidded boxes Three monitoring wells observed near ICF 21 and ICF 22/23
MacDougall Hall	1898	steam	Residential	Unoccupied	None
Seguin Hall	1934	steam	Residential	unoccupied	100-gal diesel generator (AST 13A) outside building, battery on ground Non-PCB pad-mounted transformer (T9)
Belmont House	1890	Steam	Original power plant, later used as Program bldg	Unoccupied	Could not find T4, T5, and T6 due to dense vegetation
West Building	1989	steam	Residential asylum	Unoccupied	None
West Nurses	1906	steam	Staff residence and office	Unoccupied, dead record storage	None
Tarbell House	1934	steam	Residential	Residential	Non-PCB pad-mounted transformer (T8)
Day Care Center, 338 Trapelo Rd	c. 1900	gas	Private residence later used as FDC staff daycare	Unoccupied	none
Volunteer Center a.k.a. Cardinal	c. 1850	oil	Private residence (former church property), later used as	Unoccupied	Two oil tanks in basement

NOTES:  
1) Construction dates for some Fernald Developmental Center (FDC) buildings are estimated, and intended to provide the era in which construction may have occurred.  
Bldg – Building  
c. - circa

AST – Aboveground Storage Tank  
UGHW – Underground Hot Water  
UST – Underground Storage Tank

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Cottage			“Volunteer Center”		Potential asbestos shingle siding Discarded computer monitors near garage bldg
Day Center Center, 180 Trapelo Rd	c. 1860	oil	Residence later uses as FDC staff day care	Unoccupied	Oil tank in basement Potential asbestos shingle siding
North Bldg	1897	steam	Residences	Offices	Non-PCB pad-mounted transformer (T16)
Withington Bldg	c. 1950s-1960	steam	Replaced old Boys Home	Offices, Tufts Dental, DMR Investigation unit office	Inactive gas-powered generator in basement/tank was removed 10-15 years ago Pad-mounted transformer (T17)
North Nurses	1904	steam	Residential	Offices	None
Kelley Hall	1969	steam	Residential	Unoccupied	Could not find Transformers 82 - 86
East Nurses	1906	steam	Residential, offices	Unoccupied	None
“Old” Activities Center	1891	steam	Residential, recreation center, office	Unoccupied	None
Schoolhouse	1891	steam	Schoolhouse for training, gymnasium, later office	Offices for speech & audiology department	Non-PCB pad-mounted transformer (T19)
Manual Training	1904	steam	Residential, trades education, offices	Unoccupied	Non-PCB pad-mounted transformer (T18)
Chipman Hall	1892	steam	Residence, day programs	Unoccupied	None
Waverley Hall	1891	steam	First administration bldg, (until 1936), staff residences	Unoccupied	Stored 55-gal drums of waxes and strippers in basement
Warren Hall	1906	steam	Residential	Unoccupied	Non-PCB pad-mounted transformer (T10) southwest of building
South Nurses	1907	steam	Residential	Unoccupied, used for dead storage	None
Wallace Bldg	1936	steam	Residential	Residential – used by Metro Regional Services	Generator with 100-gal diesel (12A) capacity on pad outside south side of building Non-PCB pad-mounted transformer (T21)
Stephen Bowen Hall	1893-1907	steam	Original infirmary, then residential, offices, day program	Unoccupied	None
Transformer vault (Bldg 14)	1960	none	Electrical vault	Electrical vault	Transformers T62-T64 and T27- T28 inside bldg
Store Room	1891	steam	Warehouse	Receiving warehouse	None
Garage	1932	steam	Maintenance garage	Maintain and park for FDC vehicles	2x 275-gal Waste Oil ASTs in secondary containment (19A)
Southard Research Laboratory	1921	steam	Medical lab (autopsies and research), library	Historical repository for DMR records	Past use of chemicals and perhaps radioactive isotopes
Laundry/Therapeutic Equipment Center	1928	steam	FDC Laundry facilities, and workshops for design and manufacture of therapeutic equipment	Workshops for design and manufacture of therapeutic equipment	None (no dry cleaning)
Lavers Hall	1914	steam	Infirmary, then residential, offices	Offices	None
Farm & Grounds Complex with assorted sheds and outbuildings	1930s – 1970s	propane	Garage and maintain heavy equipment and vehicles	Garage and maintain heavy equipment and vehicles (FDC snowplow, dump trucks, etc.)	Pole-mounted transformer (T1) Potential waste oil storage Empty 275-gal heating oil AST in garage Three 55-gal drums of diesel fuel
Maintenance Yard	c. 1930	steam	Carpentry, paint, electrician, plumbers, and locksmith shops	Carpentry, paint, electrician, plumbers, and locksmith shops	Pole-mounted transformer (T3)
Blue trailer	Unknown	none	Residential	Unoccupied	None – temporarily stored near Maintenance yard
Cottages 17 and 18	1925	oil	Residential	Unoccupied	Each reported to have heating oil AST in basement (17A, 18A) Transformer T7 not found
Cottages 19 and 20	1925	natl gas	Residential, offices	Unoccupied, garages used for dead storage	None
Greenhouse	1940s	steam	Greenhouse	Greenhouse	Possible storage of fertilizers, herbicides, and pesticides
Main Transformer Station (T57)	1960s	none	Transformer facility	Transformer facility	Main power station into FDC
Power Plant	1921	steam	FDC Steam plant	FDC Steam plant	Gasoline generator in building never functioned and UST was removed Two 20,000-gal No. 6 oil tanks on west side of bldg Exposed pipe insulation in poor condition in scaffolding above driveway near USTs

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