

FT Monmouth  
Preliminary CERFA categories by area

Site	Altern. Site ID	Site Name	IRP Status Closed/Open	ECP Category	Category Rationale/Description	Recommended Action	Land Use Controls	Reference
FTMM-1	M-1	Landfill 1						
FTMM-2	M-2	Landfill 2	Open	4	Classification Exception Area for GW; Surface water sampling until 2009; PCB soil contamination; NFA for soil cover	Continue LTM operations	Declaration of Environmental Restriction in Master Plan	2006 Final IAP
FTMM-3	M-3	Landfill 3	Open	5	NFA for soil cover ; MNA for Groundwater; NFA Determination letter submitted May 2004	Continue GW monitoring; NFA expected by 2008		2006 Final IAP
FTMM-4	M-4	Landfill 4	RC (open)	5	RI report with NFA being prepared; previous hit of 4,4-DDT and lead in GW	Submit RI report to NJDEP for NFA		2006 Final IAP
FTMM-5	M-5	Landfill 5	Open	5	NFA for soil cover; HRC injection to be completed in 2005;	Continue GW monitoring	Classification Exception Area request to be filed with NJDEP	2006 Final IAP
FTMM-6	M-3	Main Post Burning Area	RC	5	See M-3 Landfill; investigation included this area			2006 Final IAP
FTMM-7	M-7	Main Post Burning Area (former classified waste incinerator in Bldg 697)	RC	4	Incinerator dismantled 1993; NFA determination approved by NJDEP	NFA		1980 Installation Assessment and 2006 Final IAP
FTMM-8	M-8	Landfill 8	Open	5	NFA for soil cover;	Continue GW and SW monitoring	Classification Exception Area request to be filed; Declaration of Environmental Restriction in Master Plan	2006 Final IAP
FTMM-9	M-9	Building 1150 and 1152 PCB Transformer	RC	4	1980 no transformers found leaking; 1990 testing; PCBs<50; NFA approved by NJDEP	NFA		2006 Final IAP
FTMM-10	M-10	Asbestos Storage Area (metal shed west of Bldg 1220)	RC	4	Inspection of shed found no evidence of asbestos containing materials: NFA approved by NJDEP	NFA		2006 Final IAP
FTMM-11	M-11	Elevated Water Tank	RC	4	PA found no chips, stained or stressed soil or vegetation; NFA approved by NJDEP	NFA		2006 Final IAP
FTMM-12	M-12	Landfill 12	Open	5	NFA for soil cover; CEA filed with NJDEP; NFA report submitted to NJDEP in October 2003		CEA for GW under review by NJDEP	2006 Final IAP

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FTMM-13	M-13	Pathogenic Waste Incinerator (west of Bldg 1076)	RC	4	1992 agreement with NJDEP involved removal of incinerator and recon for ash and debris; incinerator dismantled in 1993; NFA approved by NJDEP	NFA		2006 Final IAP
FTMM-14	M-14	Landfill 14 (Main Post)	RC(OPEN)	5	Lead and arsenic were found above NJDEP GW Quality criteria; lead and 1,2-dichloroethene were found in SW slightly below NJDEP criteria; RI report being prepared for GW NFA; NFA determination made for landfill cover material; RA to correct soil erosion problems along Husky Creek was completed in June 1999	Submit RI report to NJDEP for NFA		2006 Final IAP
FTMM-15	M-15	500,000 Gal Water Tank (Main Post)	RC(OPEN)	5	Remedial actions have been completed to remove pesticides and metals from soil; post RA report is being prepared for submission to NJDEP requesting NFA	Submit RA report to NJDEP for NFA		2006 Final IAP
FTMM-16	M-16	Building 498 Pesticide Storage and mixing facility, Bldg 498	RC(Open)	5	Remedial actions have been completed to removed pesticides in soil; post RA report being prepared for submission to NJDEP for NFA	Submit RA report to NJDEP for NFA		2006 Final IAP
FTMM-17	M-17	Building T-65 Pesticide Storage	RC	4	Building has been demolished; chlordane has been detected in soil 6-12 in consistent with termite control practices in 1980s; no chlordane in GW; NFA approved by NJDEP	NFA		2006 Final IAP
FTMM-18	M-18	Former Training Area	Open	2, 7	Numerous Fuel spills; NFA for soil; CEA filed with NJDEP; benzene and lead above NJDEP GW Quality criteria; Weston noted riot control agent used in area based on historic records	Continue compliance monitoring of GW and SW	CEA for GW under review by NJDEP	2006 Final IAP
FTMM-19	AOC-3	Main Post Sanitary Treatment Plant	RC	4	STP closed 1975; sludges and supernatant removed 1981; NFA approved by NJDEP; Weston (1993) noted based on 1935 map a pistol range was present at this location	NFA		2006 Final IAP
FTMM-20		Former Main Post Sanitary Treatment Plant	RC(Open)	5	Pre-1941 STP; metals detected in sediment samples consistent of background for nearby undisturbed locations; RI report being prepared for submission to NJDEP requesting NFA	Submit RI report to NJDEP for NFA		2006 Final IAP

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FTMM-21		Former Firing Range (Outdoor pistol range 1212, 1213, 1214, 1220 area)	MMRP	5	NFA determination had been made by NJDEP; Reclassified for inclusion in MMRP; 1949 sketch map showed location but Weston had difficulty locating site in 1993 to do sampling	MMRP		2006 Final IAP
FTMM-22	CW-1	Wastewater Treatment Lime Pit 1; Courtyard Bldg 2700	Open	7	TCE, PCE, and 1,2-Dichloroethane above NJDEP GW Quality Criteria; plume treatment system in place; plume movement toward Building 2700	Continue remedial action operations; potential for vapor intrusion to Building 2700 and other adjacent areas		2006 Final IAP
FTMM-23	CW-2	Wastewater Treatment Lime Pit 2 (Bldg 2700)	RC(open)	7	Cleanup completed of pit in FY92; PCE above NJDEP GW Quality criteria initially; arsenic and lead slightly above GW criteria; PCBs in soil; soil gas in 1995 was negative; RI report being prepared for submission to NJDEP for NFA	Submit RI report to NJDEP for NFA		2006 Final IAP
FTMM-24	CW-3	Surface Disposal Area(2600 are CWA)	RC	4	Construction debris removed in 1994-1995; test pits did not reveal any additional waste materials; NFA determination approved by NJDEP	NFA		2006 Final IAP
FTMM-25	CW-3A	Suspected Landfill (north of Bldg 2707)	RC(Open)	5	Test pits found construction debris and coal ash; Benzene, arsenic, chromium, lead in GW slightly above NJDEP GW Quality criteria; Benzo[a]anthracene and pyrene and cadmium in soil slightly above NJDEP direct contact soil cleanup criteria; RI report is being prepared for submission to NJDEP seeking NFA for landfill cover and GW	Submit RI report to NJDEP for NFA		2006 Final IAP
FTMM-26	CW-4	Indoor Small Arms Range (Bldg 2537)	RC(Open)	5	Lead in soil above NJDEP Direct contact soil cleanup criteria; RA in 1997 to remove spent rounds, casings, and contaminated soil; Post RA report is being prepared for submission to NJDEP for NFA	Submit post RA report to NJDEP for NFA		2006 Final IAP
FTMM-27	CW-5	CWA Sanitary Treatment Plant	RC	4	Demolished in 1983 and youth center built on site in 1993; NFA approved by NJDEP	NFA		2006 Final IAP

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FTMM-28	CW-6	Former Pesticide Storage Area (CWA Golf Course buildings 2044, 2070, metal shed and 2 metal igloos)	RC(Open)	5	Use of pesticides and herbicides prior to and as part of Army ownership; dieldrin in soil above NJDEP Direct Contact Soil Cleanup Criteria; Heptachlor epoxide, arsenic, chlordane, and 4,4-DDD in GW; RI report under preparation for submission to NJDEP for NFA	Submit RI report to NJDEP for NFA		2006 Final IAP
FTMM-29	CW-7	PCB Transformer(front of Officers Club, Bldg 2000, CWA Golf Course)	RC(Open)	5	PCB transformer removed from service in 1990 and disposed off-site; PCB contamination in soils; soils removal completed in 1998; post RA report is being prepared for submission to NJDEP for NFA	Submit post RA report to NJDEP for NFA		2006 Final IAP
FTMM-30	CW-8	CWA Sewage Lift Station (Bldg 2603)	RC	4	Misidentification in 1980 assessment; aerial photography verified area as heavy woods; NFA determination approved by NJDEP	NFA		2006 Final IAP
FTMM-31	CW-9	Sludge Dump (CWA Golf Course SE Bldg 2070 and w of green 11 and Tee 12)	RC	4	No soil or GW compounds of concern above NJDEP criteria; NFA determination approved by NJDEP	NFA		2006 Final IAP
FTMM-32	AOC-7	CWA Hazardous Waste Storage Area (east of Bldg 2708)	RC	4	Temporary storage area for 6 months in 1987; no releases to soil; NFA determination approved by NJDEP	NFA		2006 Final IAP
FTMM-33								
FTMM-34								
FTMM-35								
FTMM-36								
FTMM-37								
FTMM-38								
FTMM-39								
FTMM-40								
FTMM-41								
FTMM-42								
FTMM-43								
FTMM-44								
FTMM-45								
FTMM-46								
FTMM-47		Building 1002, 1208, and 1209 Former PCB Transformer Site	RC (Open)	5	Oil staining is minor on concrete under transformers but active use of buildings precludes possibility of remedial work. Any RA will be undertaken when transformers are replaced or removed from service	TBD Based on future use of transformers at site		2006 Final IAP

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FTMM-48								
FTMM-49								
FTMM-50								
FTMM-51								
FTMM-52								
FTMM-53		Building 699 AAFES Station UST	Open	5	GW pump system for free product in place since 1989; Jan 2001 construction of remedial alternative (air sparge; SVE; P&T); operation anticipated through FY08	Continued operation through FY08; continued GW monitoring		2006 Final IAP
FTMM-54		Building 296 UST; former/abandoned fuel distribution facility	Open	5	Benzene and lead above NJ GW Quality criteria; CEA filed with NJDEP; NFA requested	Continue compliance monitoring	CEA for GW under review by NJDEP	2006 Final IAP
FTMM-55		Building 290, former UST system	Open	5	NJDEP Discharge Case #93-11-30-1246-27 dated 2 Sept 94; benzene and metals in GW; CEA for GW filed with NJDEP; NFA/MNA requested	Continue compliance monitoring	CEA for GW under review by NJDEP	2006 Final IAP
FTMM-56		Building 80, former UST, Petroleum Release	Open	5	NJDEP Discharge Case#94-06-16-1127-25; tank removed 16 June 94; benzene, chlorobenzene, lead, cadmium, and 4,4-DDD above NJDEP GW Quality criteria; CEA filed with NJDEP; NFA determination being prepared for submission to NJDEP	Continue compliance monitoring	CEA for GW under review by NJDEP	2006 Final IAP
FTMM-57		Building 108 UST Gasoline Release	Open	2	NJDEP Discharge Case #93-04-12-1939-29; 5 USTs removed 2 Nov 93; benzene, chlorobenzene, lead, and arsenic above NJDEP GW Quality Criteria; CEA filed with NJDEP; NFA determination being prepared for submission to NJDEP	Continue compliance monitoring	CEA for GW under review by NJDEP	2006 Final IAP
FTMM-58		Building 2567, CWA AAFES, UST Gasoline Release	Open	2	5 former USTs from prior tank system removed in Feb 1993; Benzene, 1,2-Dichloroethane, MTBE, and lead above NJDEP GW Quality criteria; RI report being prepared	Continue compliance monitoring		
FTMM-59		Building 1122 Unknown Discharge	Open	2	2 USTs removed in 1980s and 1994; TCE above NJDEP GW Quality criteria; CEA filed with NJDEP; no free phase product since 2004; RI being prepared;	Continue compliance monitoring for GW and surface water	CEA for GW under review by NJDEP	2006 Final IAP
FTMM-60								

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FTMM-61		Building 283 Leaking Gasoline UST	Open	2	UST removed from courtyard of building; NJDEP Discharge Case #97-8-28-1330-33; Benzene, ethyl benzene, toluene, and lead above NJDEP GW Quality criteria; CEA was filed with NJDEP; RA Work Plan for ORC injection being prepared;	ORC and continued compliance monitoring of GW and surface water		2006 Final IAP
FTMM-62								
FTMM-63		Building 2603, former diesel UST and unknown former Gasoline UST	RC	4	275 gal diesel UST (No. 0081515-60) was removed in 1998; soils and GW impacted; NJDEP Case #98-04-16-1603-19; GW contaminants indicative of former gasoline release; ethyl benzene, total xylene, and lead in GW; no remaining soil contamination above NJDEP criteria; NFA determination approved by NJDEP	NFA		2006 Final IAP
FTMM-64		Building 812, Former Gasoline Distribution Area UST	Open	2	No tanks removed but geoprobe sampling found benzene, total xylene, PCE, TCE, DCE, vinyl chloride, and lead above NJDEP GW Quality criteria; soil samples contained PCE and DEC below the residential direct contact soil cleanup criteria; NJDEP approved injection of HRC to remediate plume; additional HRC being injected into shallow GW to enhance degradation; operation of RA will end in FY05; CEA filed with NJDEP	Continue compliance monitoring of GW	CEA for GW under review by NJDEP	2006 Final IAP
FTMM-65								
FTMM-66		Former AST Site adjacent to Bldg 886	Open	2	AST removed in 1970s; soils contained TPHC exceeding NJDEP residential direct contact soil cleanup criteria; free phase product observed; limited migration has occurred; 4000 tons soil excavated in Feb 2003; automated product recovery system in place since Feb 2003; RA being prepared	Continued operation of product recovery system along with compliance monitoring		2006 Final IAP
ECP		Bldg 10, MP		7	Photoprocessing operations may have released contaminants through sewer lines and within building			Draft ECP Table 1
		Bldg 64, MP		7	Motor vehicle maintenance and repair operations may have release contaminants into sewer lines and within building			Draft ECP Table 1

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		Bldg 75, former AST Tank Farm		7-Feb	Chemical storage; spill and release in 1997			
		Bldg 79		7	Chemical storage in multiple ASTs			
		Bldg 100		7	see building 10 above			
		Bldg 104		7	Photographic operations with chemical reagents, ammonia, PCE, and melting of lead, antimony, and tin ingots may have generated released internal/external to building			
		Bldg 105		7	Storage area	Visual site inspection (VSI) needed to document possible releases		
		Bldg 106		7	Photography operations may have resulted in spills and releases internal/external to building			
		Bldg 114		7	Pool chemicals may have been released internal/external to the building			
		Bldg 116		2,7	Storage included contaminated soil from UST removals			
		Bldg 117		7	Self service supply and storage; satellite accumulation areas			
		Bldgs 121, 122, 123		7	Hazardous Waste Storage Facility			
		Bldg 142		7	Chemicals stored in building may have had releases			
		Bldgs 159, 161, 163, 164, 165, 166		7	Motor pool operations, waste tanks, and parts cleaner with TCE, maintenance shops, chemical storage, and painting operations may have caused releases internal or external to the buildings			
		Bldg 169		7	Emergency generator diesel tank	VSI		
		Bldgs 173 and 174		7	Hazardous waste generator; possible releases			
		Bldg 197		7	TCE parts cleaning and waste oil tank may have caused releases internal/external to building			
		Family Housing - Russel			LBP exterior encapsulation			
		Family Housing-Allen			LBP exterior encapsulation			
		Family Housing Gosselin			LBP exterior encapsulation			

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		Bldg 273		7	Gas station; currently permitted and addressed under SPCC			
		Bldg 275		7	Radiological commodities stored in museum			
		Bldg 277, 279, 280, 281		7	Spray painting, welding, parts cleaning, and maintenance operations may have resulted in releases internal/external to building			
		Squier Laboratory Complex - includes buildings 283, 285, 286, 289, 290, 291, 292, 293, 294, 295, 298		7	Various operations documented in ECP indicated releases occurred inside, and likely migrated outside buildings			
		300 Area Housing		7	Generators, boilers	VSI		
		Bldg 450 Marina		7	Hazardous waste generator; tanks; possible releases			
		Bldgs 456-457		7	Emergency generator and chemicals; possible releases			
		Bldg 464		7	Heavy equipment repair operations may have contributed to chemical releases internal/external to building			
		Bldgs 481, 482, 483, 484, 485, 487, 488, 494, 498		7	Variety of chemical intensive operations and storage of materials in these buildings may have created chemical releases internal and external to the buildings			
		Bldg 501, Veterinary Clinic		7	Chemical storage; Radiological items			
		Bldg 549-550		7	Generator plant chemicals and operations may have resulted in chemical spills or releases internal or external to the buildings			
		Bldg 555		7	Chemicals stored in building, including insecticides and medical equipment may have resulted in releases internal or external to the building			
		Bldgs 600-601		7	Emergency generator and warehouse storage of chemicals may have resulted in releases internal or external to the buildings			
		Bldgs 620-632		7	US Army Signal School	HRR for possible releases due to operations and equipment		



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		Bldgs. 750, 751, 753, 754, 756		7	Motor pool operations including emergency generator, waste tanks, TCE parts cleaners, and materials related to motor vehicle repair and maintenance may have caused releases internal/external to the building			
		Bldg 760		7	Radio repair operations and hazardous waste generator status may have resulted in releases internal or external to the building			
		Bldg 810, Veterinary Clinic		7	Formaldehyde and other medical related chemicals may have been released internal/external to the building			
		Bldg 814, Dental Clinic		7	Dental wastes have been released internal and possibly externally to the building; previous photoprocessing history suggests external releases of chemical wastes occurred			
		Bldg 822, Burger King		7		VSI		
		Bldg 834 Dental Clinic		7	Dental wastes have been released internal and possibly externally to the building; previous photoprocessing history suggests external releases of chemical wastes occurred			
		Bldg 876, Veterinary Labs		7	Chemical and medical related products including lindance chloroform, and reagents may have been released internal/external to building			
		Bldgs 893 and 894		7	Medical warehouse may have had chemicals, pharmaceuticals, or other items that may have been released internal/external to building			
		Bldg 900		7	Motor pool , waste oil tanks, and TCE parts cleaner may have caused chemical releases internal/external to the building			
		Bldg 906		7	Emergency generators, chemical inventory items, and satellite accumulation area for a variety of battery waste streams may hve caused chemical releases internal/external to the building			
		Bldg 976		7	Anthracite coal used to fuel boilers; possible chemical emissions internal and external to building			

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		Bldg 983, Dog Kennel		7	Chemicals including cylinders and formaldehyde may have resulted in releases internal and external to the building			
		Bldgs 1000-1010		7	Stores sold variety of products including concentrated pesticides that may have been released internal/external to the buildings			
		Bldg 1075 and 1076 , Patterson Army Hospital and boiler plant with pathological waste incinerator		7	Wide variety of operations including health clinic, dental clinic, operating rooms, microbiology room, wet chemistry laboratories, X-Ray facilities and developers, and medical waste released internal and external to the facility	Decommission radiological license; sampling and analysis internal and external to building		
		Bldg 1122, DIY Vehicle Repair		7	Since this area has been used by multiple persons over a period of years using their own materials and chemicals there is a stronger likelihood that inappropriate use or disposal of chemical has occurred internal and external to the building; hazardous wastes are collected at the site, including asbestos brake shoes			
		Bldg 1124 Car Wash		7	Recycling system is in place			
		Bldg 1152		7	Emergency generator and UPS Bank may have had releases internal or external to the building			
		Buildings 1201-1203, Central Boiler Plant and FBI Leased spaces		7	Central boiler plant had USTs removed from service; FBI operations include generator and UPS battery bank which are possible sources of releases internal and external to the buildings			
		Bldgs 1206-1209, CECOM Complex		7	Chemicals present along with emergency generators and UPS batteries which are possible sources of releases internal and external to the buildings			
		Bldg 1210		7	Chemicals including bulk developers have been used in this facility; classified waste incinerator was present on roof in 1971			
		Buildings 1213-1214, Former small arms outdoor firing range		N/A	See FTMM-21 Above including MMRP			

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		Suneagles Golf Course, Buildings 2000, 2001, 2002		7	FTMM 28-31 did not evaluate these areas in order to make a release determination			
		Bldg 2020 Swimming Pool		7	Possible chemical releases from pool chemicals			
		Megill Housing		7				
		Hope Road Housing		7				
		Hemphill Housing		7				
		Buildings 2502, 2503, 2506, 2507 RDEC Operations		7	Wide variety of chemical intensive operations including painting, vehicle maintenance, and machine and metal shops may have caused chemical releases internal/external to the buildings			
		Watson Laboratories, Buildings 2532, 2534, 2535		7	Laboratory R&D operations used a variety of chemicals related to crystal growth, plating, etc that may have resulted in chemical releases internal/external to the buildings; Bldg 2535 has 12 satellite accumulation areas currently			
		Bldg 2700 Complex including Buildings 2701-2708, Myer Center and Pulse Power facility		7	Extremely wide range of hazardous and toxic materials used over a period of time with documented releases to the environment; internal releases of chemicals due to operations are being reviewed			