

PARSONS

U.S. ARMY FORT MONMOUTH

Remedial Investigation/Feasibility Study/
Decision Documents Project

c o r e v a l u e s
RESTORATION ADVISORY BOARD
DECEMBER 7, 2013 MEETING



Agenda

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- Objective of Work Plans
- Remedial Investigation (RI) /Feasibility Study (FS)
Work Plan Sites
 - FTMM-22, FTMM-53, FTMM-59, and FTMM-68
- Landfill Feasibility Study Work Plan



Objective of Work Plans

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- The purpose of the work plans is to summarize site history and applicable data related to nature and extent of site-related contamination and identify any data gaps which require additional data collection. The data collected will be used to complete RI/FS reports for each site.

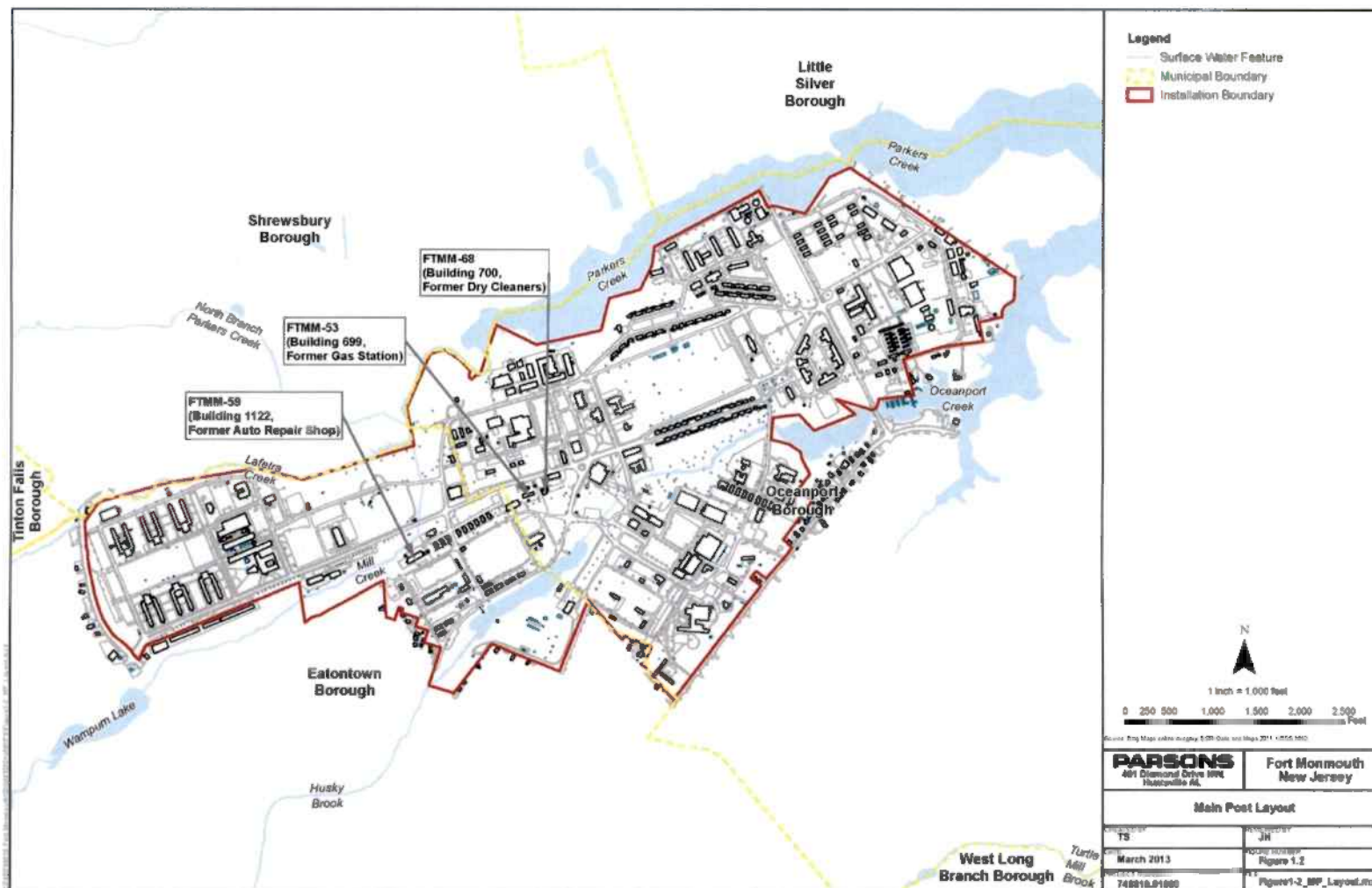
Remedial Investigation (RI) /Feasability Study (FS) Work Plan Sites FTMM-22, FTMM-53, FTMM-59, and FTMM-68

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- Location of Sites
- Historical Uses
- PCOCs and Media
- Proposed Sampling Plan

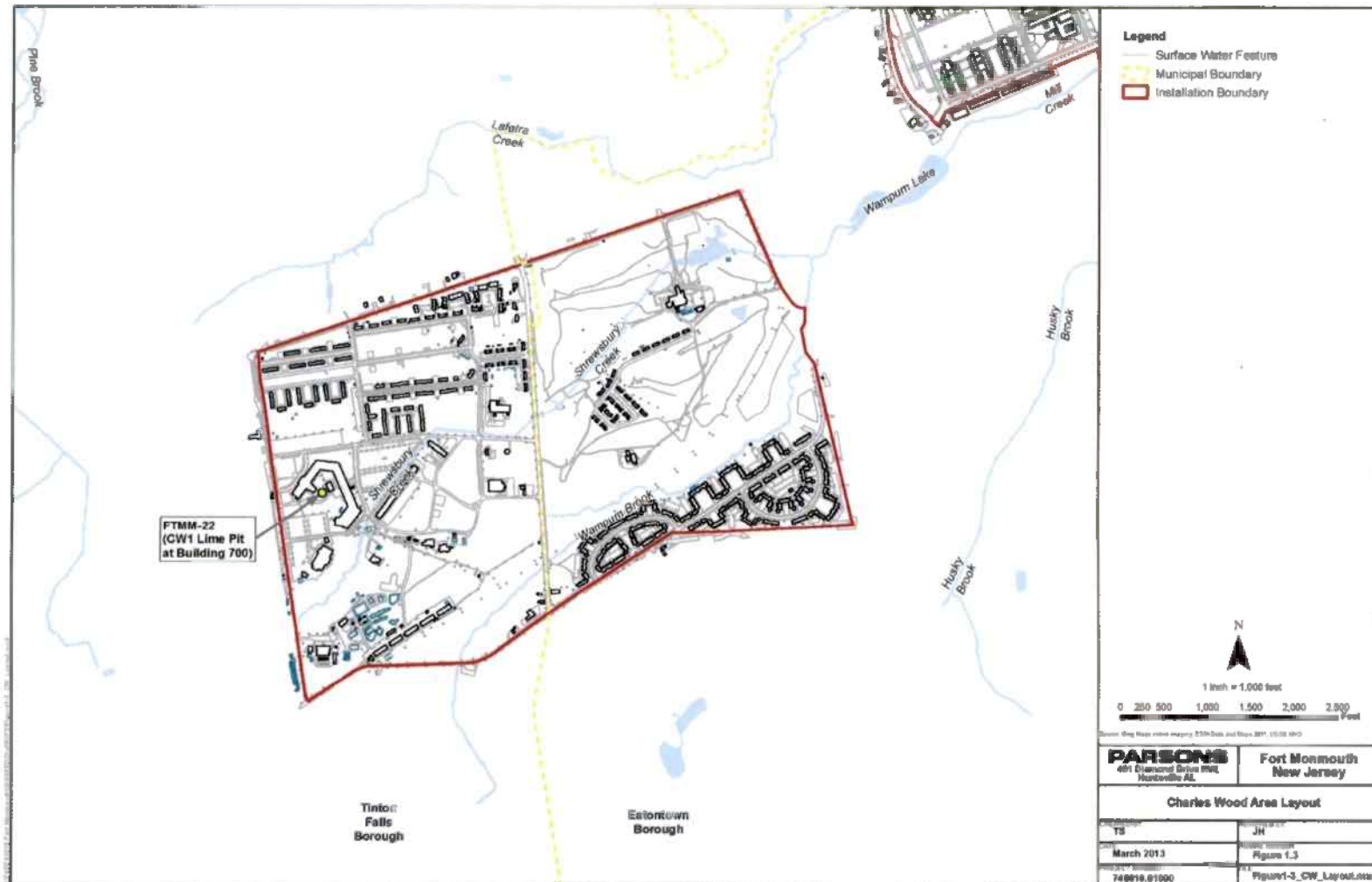
Location of Sites

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Location of Sites

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Historical Uses

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- **FTMM – 53 (Building 699)**
 - Former Gas Station
 - Fuel Storage Tanks, Underground Piping, and Gasoline Dispensing Islands
- **FTMM – 59 (Building 1122)**
 - Former Auto Repair Shop (“Do it yourself shop”)
- **FTMM – 68 (Building 700)**
 - Former Dry Cleaners
 - Chlorinated Solvents
- **FTMM – 22 (Building 2700)**
 - CW1 Lime Pit
 - Pre-treatment of acidic liquid wastes produced at laboratories

PCOCs and Media

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- FTMM – 53 (Building 699)
 - VOCs and Lead
 - Surface and Subsurface Soils
 - Groundwater
- FTMM – 59 (Building 1122)
 - VOCs, SVOCs and Metals
 - Surface and Subsurface Soils
 - Groundwater
- FTMM – 68 (Building 700)
 - VOCs
 - Surface and Subsurface Soils
 - Groundwater
- FTMM – 22 (Building 2700)
 - VOCs and Metals
 - Subsurface Soils
 - Groundwater

Proposed Sampling Plan

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- **FTMM – 53 (Building 699)**
 - Surface and Subsurface Soils – 27 Soil samples from nine borings
 - Groundwater – Samples from two new wells
- **FTMM – 59 (Building 1122)**
 - Surface and Subsurface Soils – Four Soil samples from two soil borings
 - Groundwater - Samples from two existing wells
- **FTMM – 68 (Building 700)**
 - Surface and Subsurface Soils – Up to 15 samples from up to five soil borings
 - Groundwater - Samples from two existing wells
- **FTMM – 22 (Building 2700)**
 - Subsurface Soil – Up to nine soil samples from three borings
 - Groundwater – Samples from two existing monitoring wells and up to four new monitoring wells.

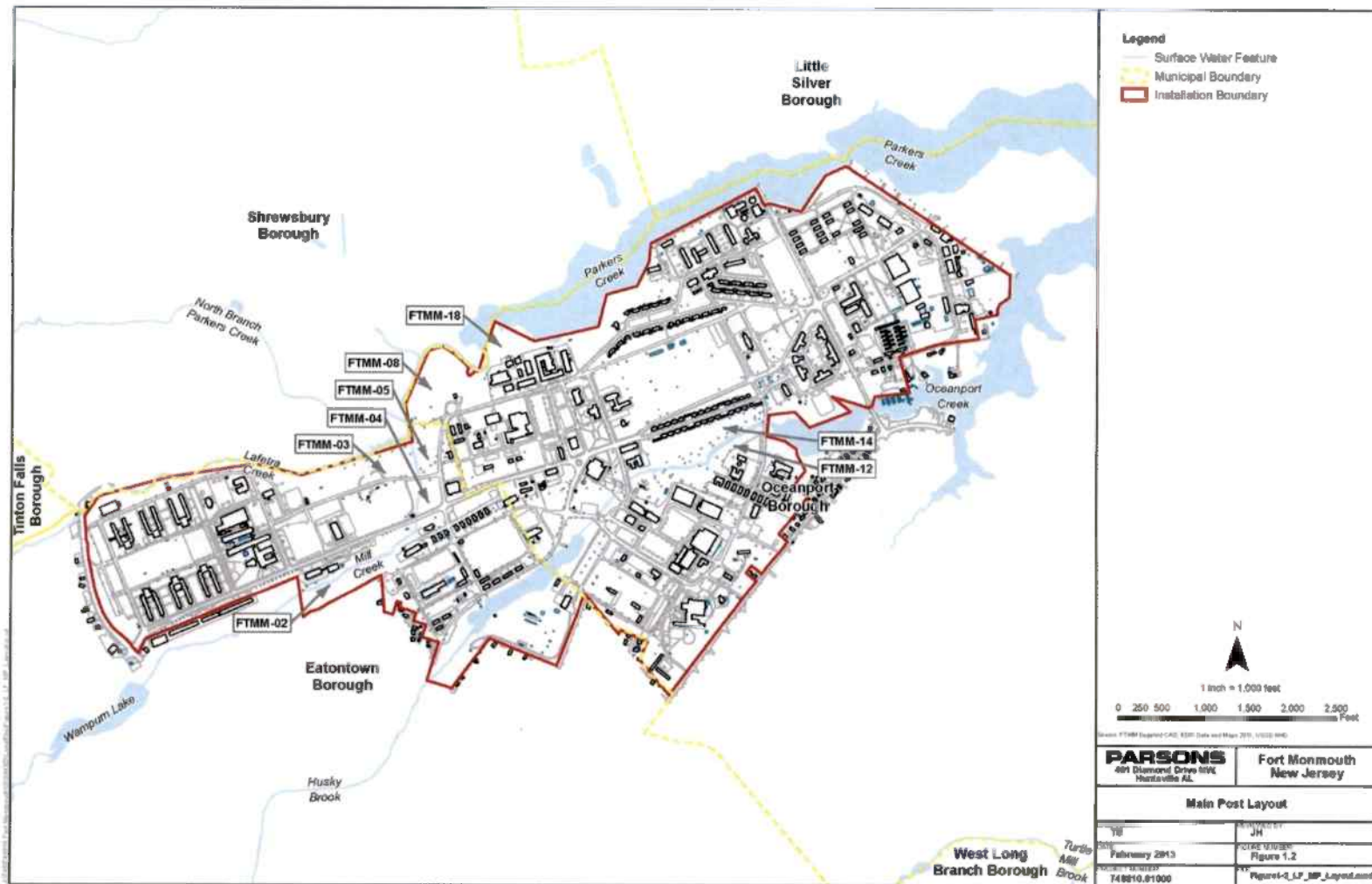
Landfill Feasibility Study Work Plan

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- Location of Sites
- Historical Uses
- PCOCs and Media
- Proposed Sampling Plan

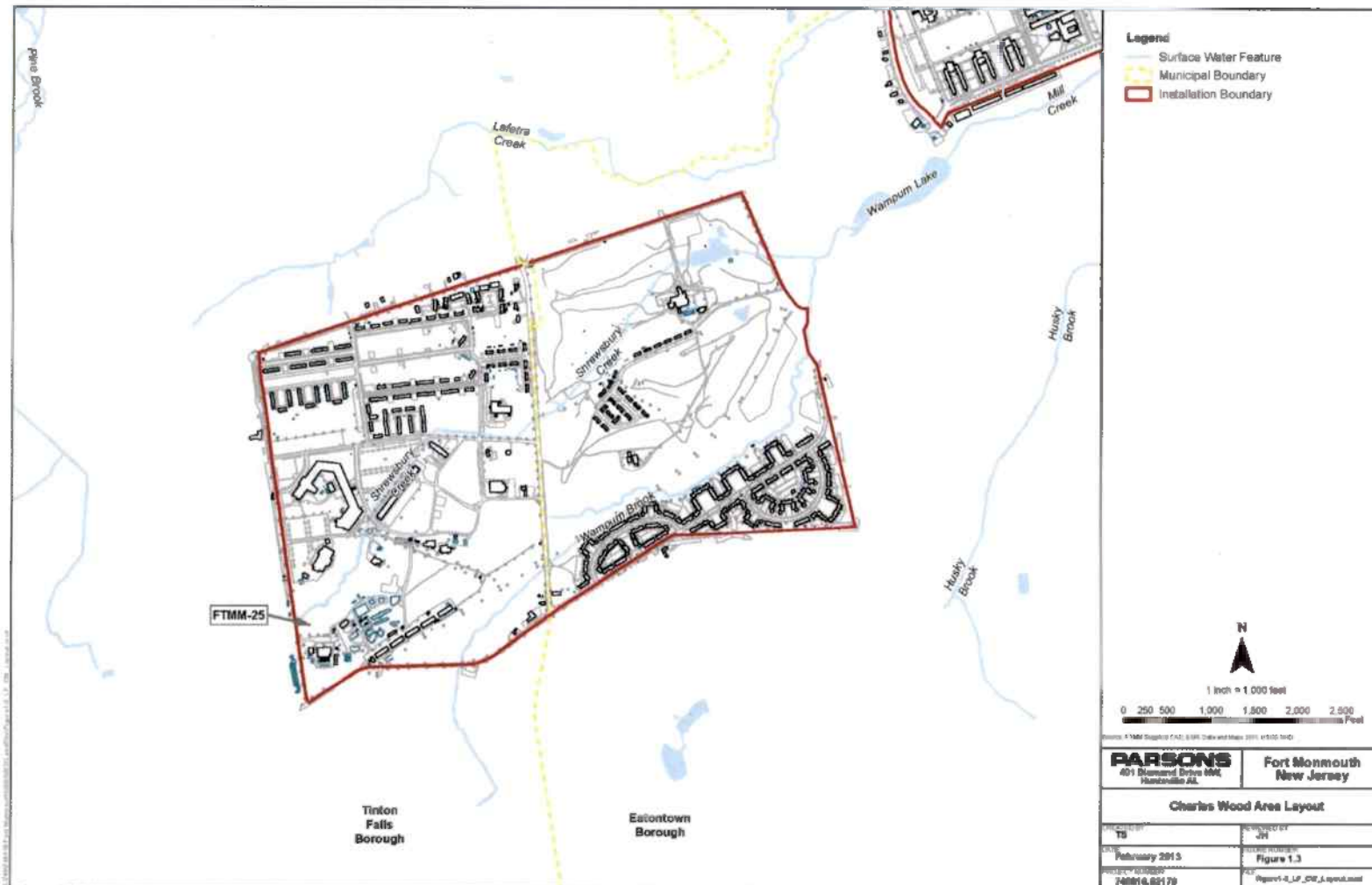
Location of Sites

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Location of Sites

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Historical Uses

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- FTMM – 02 (Operated 1964 to 1968)
 - General disposal of domestic and industrial waste (i.e. oil in cans, oil burner filters, soot, building rubble)
- FTMM – 03 (Operated 1959 to 1964)
 - General disposal of domestic and industrial waste, specifically wood and coal ash from furnaces and boilers
- FTMM – 04 (Operated 1955 to 1956)
 - Building demolition debris
- FTMM – 05 (Operated 1952 to 1959)
 - Automobile disposal
- FTMM – 08 (Operated 1962 to 1981)
 - General disposal of domestic and industrial waste
- FTMM – 12 (Operated 1950 to 1966)
 - General disposal of automobiles, domestic , and industrial waste

Historical Uses (Cont.)

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- FTMM – 14 (Operated 1965 to 1966)
 - General disposal of domestic and industrial wastes
- FTMM-18 (1918 to ?)
 - Military training area
- FTMM-25 (Operated 1955 to 1956)
 - Disposal of debris from building demolition

Proposed Sampling Plan

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- Extensive RI characterization and RI documentation completed for the nine landfills.
- Supplement RI activities limited to FTMM-02
- FTMM – 02 PCOCs
 - VOCs, PBCs and Metals in subsurface soils
- FTMM – 02 Approach
 - Review historical documents to identify timeline of railroad installation along southern boundary
 - If railroad installed prior to landfill operation no additional sampling
 - If railroad installed after landfill operation up to 16 soil samples from 8 borings or test pits.