

Site ID: FTWG- 01
 Site Name: TNT Beds, Deact Furn, Other Bldngs
 Alias: Parcel 21

STATUS

Parcel: TPL Parcel 21

Regulatory Driver: RCRA

RRSE: MEDIUM

Contaminants of Concern: Explosives, Metals, Munitions and explosives of concern, Perchlorate, Pesticides, Polychlorinated Biphenyls, Semi- volatiles, Volatiles, White Phosphorous

Media of Concern: Groundwater, Soil

Phases	Start	End
RFA.....	198910.....	199004
CS.....	198910.....	199004
RFI/CMS.....	199203.....	200909
DES.....	201010.....	201109
IRA.....	201010.....	201109
CMI(C).....	201110.....	201409
LTM.....	201410.....	202409

RIP Date: N/A

RC Date: 201409

SITE DESCRIPTION

This site has been converted to a parcel as a result of the new RCRA permit. This site previously addressed only SWMU 1, but now addresses a number of sites located in Parcel 21 as follows: AOC- 75, Electrical Transformers; SWMU- 1, TNT Leaching Beds & Building 503 ; SWMU- 2, Building 515 (Painting and Acid Washout Building and Acid Holding Pond); SWMU- 7, Fire Training Ground; SWMU- 19, Building 501 (Former Boiler House and Heating Plant No. 7); AOC- 60, Building 522 formerly designated as Building 500 (Ammunition Receiving Bldg.); AOC- 61, Building 507 (Smokeless Powder Magazine); AOC- 62, Building 508 (Smokeless Powder Magazine); AOC- 63, Building 509 (Primary Collector Barricade or Propellant Baghouse); AOC- 64, Building 510 (Vacuum Producer Building); AOC- 65, Building 511 (Service Magazine); AOC- 66, Building 512 (Service Magazine); AOC- 67, Building 513 (Service Magazine); AOC- 68, Structure 514 (Deboosting Barricade) and Structure 545 (Earthen Barricade); SWMU- 72, Deactivation Furnace, Deactivation Furnace Acid Pits, and surrounding area (includes pre- 1958 buildings and areas in the vicinity of Blg. 530); AOC- 87, Feature 18 on 1962 aerial photo (API- 3) and Feature 23 on 1973 aerial photo (API- 5) in 1995 Archive Search Report.

A Draft Parcel 21 Release Assessment Report was completed in October 2006. A Draft Parcel 21 RFI Work Plan was completed in November 2006.

TPL's facility use contract with the Army is scheduled to expire on March 31, 2007. The company is currently in the process of shipping equipment and energetics off- post and decontaminating and putting buildings into layaway. TPL performed demilitarization of a variety of conventional munitions at FWDA since 1994. The company is responsible under the contract with the Army for cleaning up any environmental contamination its operations may have caused.

The parcel covers 167 acres.

CLEANUP/EXIT STRATEGY

The majority of the cost and effort for Parcel 21 will occur at SWMU- 1 (TNT Leaching Beds & Building 503). The primary Contaminants of Concern (COC) are explosives. Soil removal and in situ groundwater remediation are assumed for this site. Other sites, where soil removal is assumed, include SWMUs - 7, - 19, and - 72. AOCs 60- 68 are assumed to require an RFA. The Interim Corrective Measure (ICM), which also includes soil removal, will occur at AOC- 75 (Electrical Transformers). Six acres will be investigated for MEC at SWMU- 72.

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Cost to Complete (CTC) assumptions include:

- 1) Performance of a supplemental RFI with new wells and groundwater sampling, and a Corrective Measures Study (CMS).
- 2) An ICM will include excavation and offsite disposal of 625 cubic yards (cy).
- 3) The CMI(C) will include in situ groundwater treatment with 100 wells, three applications, and quarterly monitoring, 625 cy will be excavated and disposed offsite. A Building demolition (16,323 square feet) will also be performed. MEC sifting of two acres and geophysical mapping of three acres are also planned.
- 4) LTM will include annual monitoring of 36 wells for 10 years.

A CMS will serve as the cost basis when completed and approved by the state.