

Site ID: FTWG- 38
 Site Name: Igloo Bock D, Ammo Workshop
 Alias: Parcel 22

STATUS

Parcel: Parcel 22

Regulatory Driver: RCRA

RRSE: HIGH

Contaminants of Concern: Explosives, Metals, Perchlorate, Pesticides, Polychlorinated Biphenyls, Semi- volatiles, Volatiles

Media of Concern: Groundwater, Soil

Phases	Start	End
RFA.....	198910.....	199004
CS.....	198910.....	199004
RFI/CMS.....	199203.....	200909
DES.....	201110.....	201209
IRA.....	201110.....	201209
CMI(C).....	201210.....	201509
LTM.....	201510.....	202509

RIP Date: N/A

RC Date: 201509

SITE DESCRIPTION

This site has been converted to a parcel as a result of the new RCRA permit. Parcel 22 includes the following sites: A portion of AOC- 30 (Igloo Block D), also includes Parcel 19; SWMU- 12, Building 536 (Inspectors Workshop and Ammunition Renovation Depot) (includes one former PCB transformer); SWMU- 27, Building 528 Complex. Includes Building 528 (Ammunition Normal Maintenance Building), Building 528A (temporary storage igloo), AOC 121 (Building 528B, temporary storage igloo), AOC 122 (Building 529), AOC 125 (Building 550, vacuum collector barricade), A; AOC- 69, Buildings 301, 302, and 312 (Standard Magazines), Building 316 (Field Lunch Room); SWMU- 70, Disassembly Plant and TPL QA Test Area (Disassembly Plant includes Building 517, Structure 518, Building 519, Structure 520, Structure 521, Structure 547) Disassembly Plant and TPL QA Test and OB/OD Area; AOC- 71, Former rectangular structure near TMW- 5 and north of Blg. 528; AOC- 88, Former buildings or structures and disposal areas southwest, south, and southeast of Blg. 528.

Perchlorate was detected in groundwater and soil.

This parcel was being leased to TPL, Inc. with an expiration date of 31 March 2007. They have since vacated the property. The CTC now includes assumptions for the cleanup of various TPL sites.

The parcel covers 628 acres.

CLEANUP/EXIT STRATEGY

A CMI(C) soil removal is anticipated for SWMUs - 12, - 27, and - 70. An ICM soil removal is anticipated for AOC 30. In situ groundwater treatment is expected for the northern portion of the parcel.

CTC assumptions include:

- 1) Performance of a supplemental RFI (including 11 new monitoring wells, groundwater sampling, and MEC characterization of 10 acres) and a CMS.
- 2) An ICM will include excavation and offsite disposal of 1,250 cy. The TPL Deactivation Furnace will also be remediated, assuming 500 cy of soil excavation and disposal.
- 3) The CMI(C) will include in situ groundwater treatment with 100 wells, three applications, and quarterly monitoring for three years. A total of 8,875 cy will be excavated and disposed offsite. An in- place closure of a septic tank and cess pool will also be

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performed.

4) LTM will include annual sampling of 8 wells for 10 years.

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