

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION 3
DELAWARE, MARYLAND, PENNSYLVANIA, VIRGINIA, WEST VIRGINIA AND THE DISTRICT OF COLUMBIA



SPECTRON, INC. SUPERFUND SITE COMMUNITY UPDATE

TOWN OF ELKTON, CECIL COUNTY, MARYLAND

JUNE 2015

Cleanup Progresses: Construction Update

In March 2015, the United States Environmental Agency (EPA) began construction of the remedy to address Operable Unit 1 (OU-1), Soil and Overburden Groundwater, at the Spectron, Inc. Superfund Site, located in Elkton, Maryland. This portion of the OU-1 remedy will consist of thermally treating contaminated soil and shallow (overburden) groundwater by heating the groundwater and extracting and treating contaminated vapors in the onsite treatment plant. Below is a summary of completed and upcoming construction tasks:

Completed Tasks:

- Perforation of existing concrete and asphalt cover;
- Relocation of contaminated soil from the Drum Storage Building to the thermal treatment zone (TTZ);
- Grading of the TTZ and installation of the vapor

Safety Precautions

- Security for treatment system and site perimeter including automatic safety shutoffs, motion sensitive lighting, and security cameras;
- Propane tank isolated from treatment system and residences, protected by fencing, installation coordinated with fire marshal;
- Noise mitigation equipment will be installed during system operation.

Site Background

- The Spectron Inc. Superfund Site is located approximately six miles north of Elkton, Maryland, and is situated in a stream valley formed by Little Elk Creek, which flows through the Site from north to south;
- The Site was historically operated as a solvent recycling facility, from 1962 until 1988, resulting in the contamination of soil and overburden groundwater, referred to as Operable Unit 1

extraction layer, consisting of clean stone.

Upcoming tasks:

- June to August 2015 - Installation of thermal treatment wells, vapor extraction wells, and monitoring wells within the TTZ;
- June to July 2015 - Demolition of the Drum Storage Building;
- July 2015 - Installation of electrical transformer and service;
- July 2015 - Delivery of the 18,000 gallon propane tank;
- August 2015 - Placement of insulating concrete cap over the TTZ;
- September to December 2015 - Installation of thermal treatment system components;
- January 2016 - Startup and operation of the thermal treatment system.

Be Safe!

Heavy equipment, will be present onsite during construction and you may notice increased truck traffic on Providence Road.

Work will be limited to the hours of 8:00 am to 6:00 pm. Once construction of the thermal treatment system is complete, disturbance to the community is expected to be minimal.

(OU-1) and bedrock groundwater, referred to as Operable Unit 2 (OU-2);

- EPA selected remedies to address OU-1 soil and overburden groundwater contamination in a September 2004 Record of Decision (ROD) and a March 2012 ROD Amendment;
- EPA selected a remedy to address OU-2 bedrock groundwater and office area soil in a September 2012 Interim ROD;
- Demolition of onsite structures was completed in accordance with the 2004 OU-1 ROD from November 2012 through February 2013;
- Remedial Design for the OU-2 remedy is currently ongoing.

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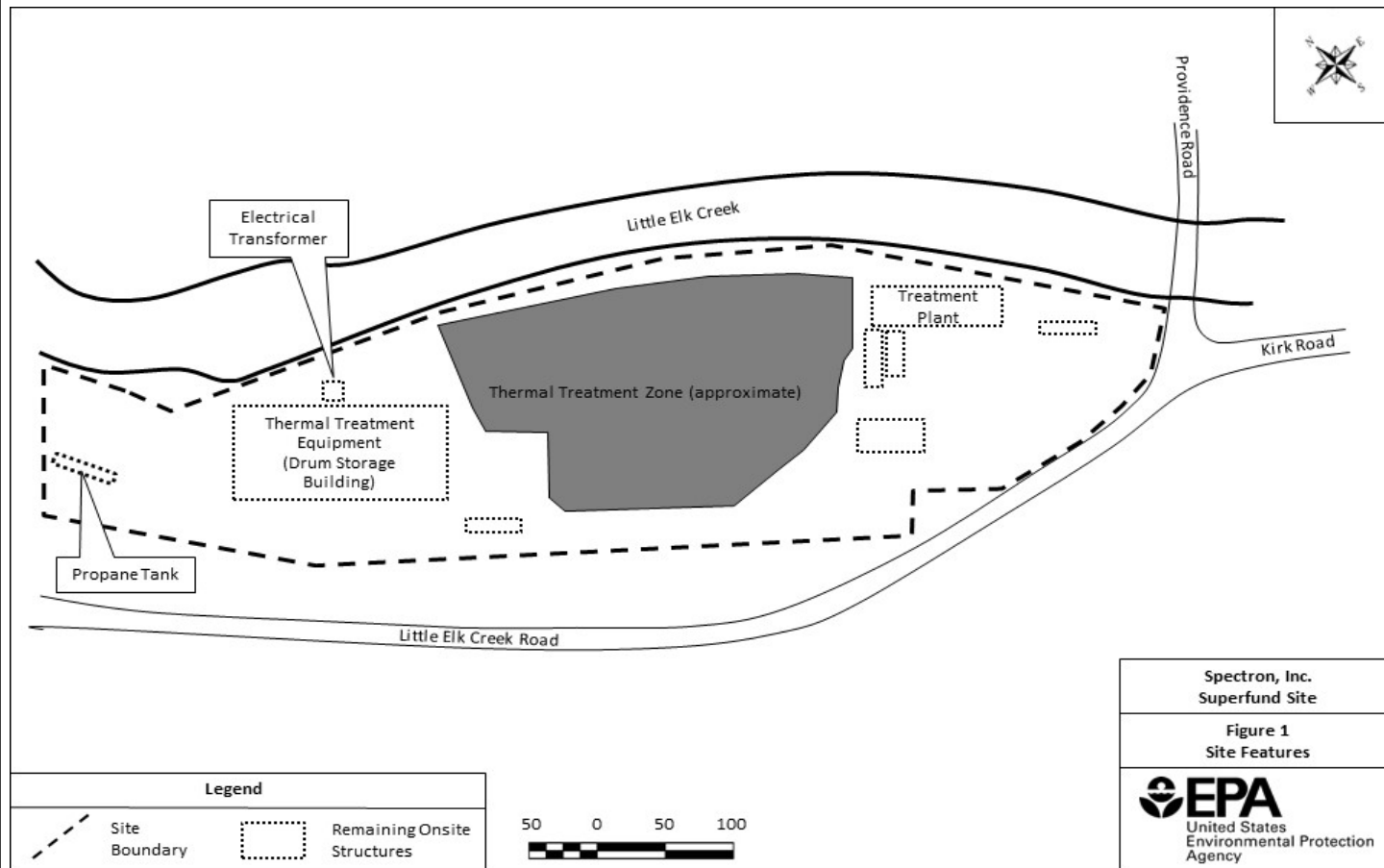


Figure showing the location of the Thermal Treatment Zone (TTZ), Drum Storage Building, Electrical Transformer, Propane Tank and Treatment Plant.

EPA Update for the Spectron Inc. Superfund Site



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