



SPECTRON, INC. SUPERFUND SITE COMMUNITY UPDATE

TOWN OF ELKTON, CECIL COUNTY, MARYLAND

NOVEMBER 2015

Cleanup Progresses: Construction Update

In March 2015, the United States Environmental Agency (EPA) began overseeing construction of the remedy to address Operable Unit 1 (OU-1), Contaminated Soil and Overburden (shallow) Groundwater, at the Spectron, Inc. Superfund Site, located in Elkton, Maryland. This portion of the OU-1 remedy includes thermally treating contaminated soil and shallow (overburden) groundwater by heating the groundwater, in place, and then, extracting and treating contaminated vapors and groundwater in the onsite treatment plant. Figure 1 (on page 2) shows construction details of a heating well and the thermal cap structure. Below is a summary of completed and upcoming construction tasks:

Completed Tasks:

- Perforation of existing concrete and asphalt cover to promote vapor collection;
- Relocation of contaminated stream sediment from the Drum Storage Building to the thermal treatment zone (TTZ). Approximately 3,750 tons of relocated contaminated sediment will be thermally treated.
- Grading of the TTZ and installation of the vapor extraction layer (plenum) consisting of 18 inches of clean stone;
- Installation of the thermal treatment well-field in the TTZ, which is comprised of:
 - 268 heater wells;
 - 56 vertical extraction wells;
 - 40 horizontal extraction wells;
 - 24 temperature monitoring points;
 - 10 pressure monitoring points;
 - 3 oil/water extraction wells.
- Demolition of the Drum Storage Building;
- Placement of the insulating concrete cap over the TTZ. The cap is constructed of 12 inches of lightweight concrete.

Upcoming and Ongoing Tasks:

- September to December 2015 - Installation of thermal treatment system components;
- November 2015 - Installation of electrical transformer and service;
- November 2015 - Delivery of 18,000 gallon propane tank;
- 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 and Little Elk Creek Road. Work will be limited to the hours of 8:00 am to 6:00 pm.

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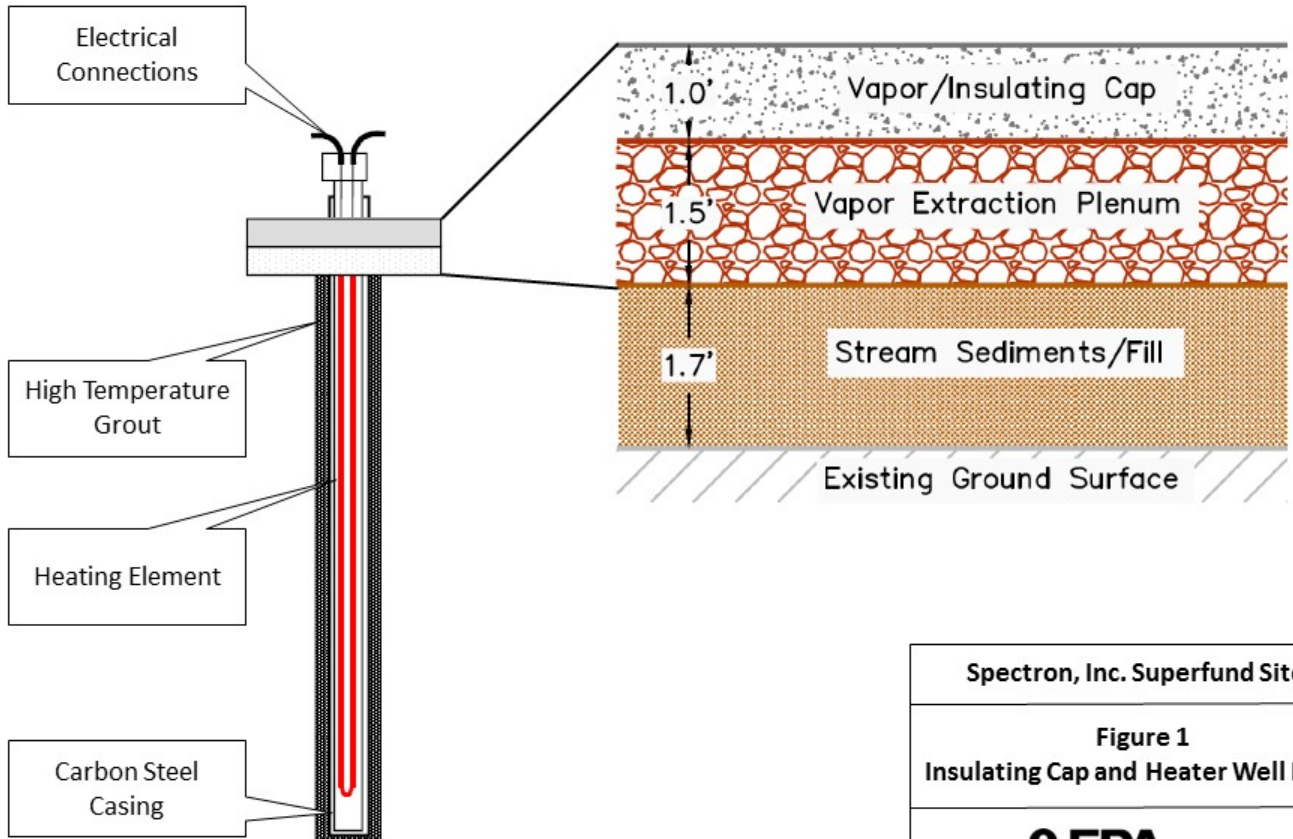
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Visit us online at: <http://www.epa.gov/superfund/spectron>



Spectron, Inc. Superfund Site

Figure 1
Insulating Cap and Heater Well Detail



United States Environmental Protection Agency

Address Label

