



U.S. ENVIRONMENTAL PROTECTION AGENCY MID-ATLANTIC REGION

DELAWARE, MARYLAND, PENNSYLVANIA, VIRGINIA, WEST VIRGINIA, AND THE DISTRICT OF COLUMBIA

SPECTRON SUPERFUND SITE: REMEDIAL DESIGN COMPLETE

Elkton, MD

April 2019

In March 2019, EPA approved a Remedial Design for the asphalt cap at the Spectron Site. The asphalt cap is a component of the selected remedy for contaminated soil and shallow groundwater, also known as operable unit 1 (OU-1). Thermal treatment of the soil, the main component for the OU-1 remedy, was completed in 2016.

The asphalt cap will be constructed in the former Plant Area to eliminate direct contact with contaminated soil and shallow groundwater, protecting human health and the environment. During construction, there will be some tree and brush removal and a portion of the former Plant Area will be graded. Required maintenance of the cap will be generally limited to the periodic application of crack fillers and/or pavement sealers. A groundwater monitoring well network will remain, although some existing wells will be modified or abandoned.

Consistent with EPA's Superfund Redevelopment Initiative, the Potentially Responsible Party (PRP) Group is currently evaluating beneficial re-use alternatives for the site, including alternative (solar) energy. The Remedial Design has incorporated elements to promote and enable re-use of the site.

Construction activities are expected to begin in April 2019 and will last approximately 4 months. During construction, nearby residents may notice increased truck traffic and construction noise.

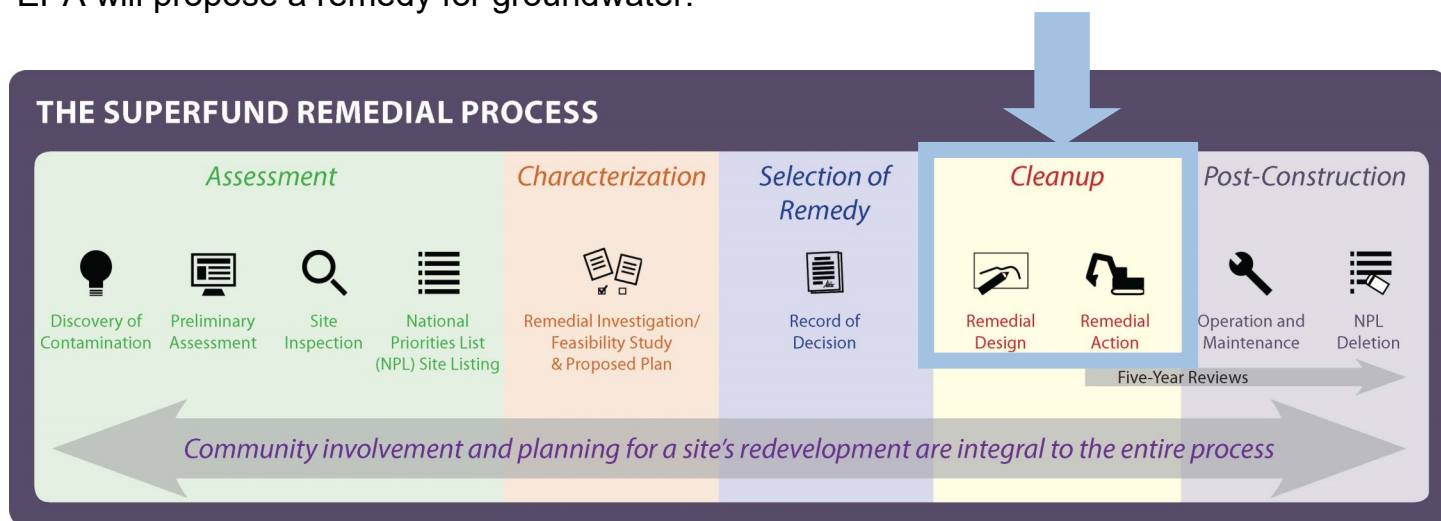


Site Background

The Spectron, Inc. Superfund Site is located on approximately 8 acres near Elkton, Maryland, in a rural residential area. Solvent recycling operations occupied the Site from 1962 to 1988. Volatile organic compounds (VOCs) were processed and released from the facility, resulting in contaminated soil, groundwater and seeps along the western bank of Little Elk Creek. The Site was added to the Superfund program's National Priorities List on March 31, 1994. EPA and the PRP Group continue to plan and implement the cleanup at the site.

The Little Elk Creek has been addressed; contaminated sediments were excavated, and a Stream Isolation/Groundwater Collection and Treatment System (SI/GWTS) operates to keep contaminated groundwater from reaching the stream. The Site was divided into two separate areas or operable units (OUs). OU-1 consists of soil and shallow groundwater and OU-2 consists of deep groundwater and office area soil. Ongoing activities include the continued operation of the SI/GWTS, extraction of dense non-aqueous phase liquid (DNAPL), residential groundwater well monitoring, vapor intrusion sampling, and surface water monitoring. Contaminated soils were excavated from the office area in 2016 and will be placed under the asphalt cap.

The PRP Group is evaluating the location of an additional extraction well at the Site and will be submitting a report to EPA. Based on this report and work over the past couple years, EPA will propose a remedy for groundwater.



Questions? Contact Us

Cathleen Kennedy
**EPA Community Involvement
Coordinator**
215-814-2746
kennedy.cathleen@epa.gov

Aaron Mroz
**EPA Remedial Project
Manager**
215-814-3172
mroz.aaron@epa.gov

For more information:

<https://www.epa.gov/superfund/spectron>