

What’s Happening at the Fairmont Coke Works Superfund Site?

The U.S. Environmental Protection Agency (USEPA), the West Virginia Department of Environmental Protection (WVDEP) and ExxonMobil entered into a Consent Decree, effective March 21, 2019, in which ExxonMobil agreed to implement the final cleanup activities for the Fairmont Coke Works Superfund Site as outlined in the December 2017 Record of Decision (summarized below). In 2019, ExxonMobil installed and sampled monitoring wells to design the final groundwater remedy for the west end of the property. The installation of a small-scale version of the final groundwater remedy (pilot test) is planned for the summer of 2020. Information will be gathered from the pilot test to ensure the full-scale model of the final groundwater remedy operates as designed. The pilot test will be installed below ground. Mulch was applied to wetlands at the site in 2019. By early 2021, additional mulch will be applied along with wetland plant seeds.

ExxonMobil submitted the work plan for the pilot test to the USEPA and WVDEP for review and approval. The agencies have approved the work, which enables ExxonMobil to install the pilot test.

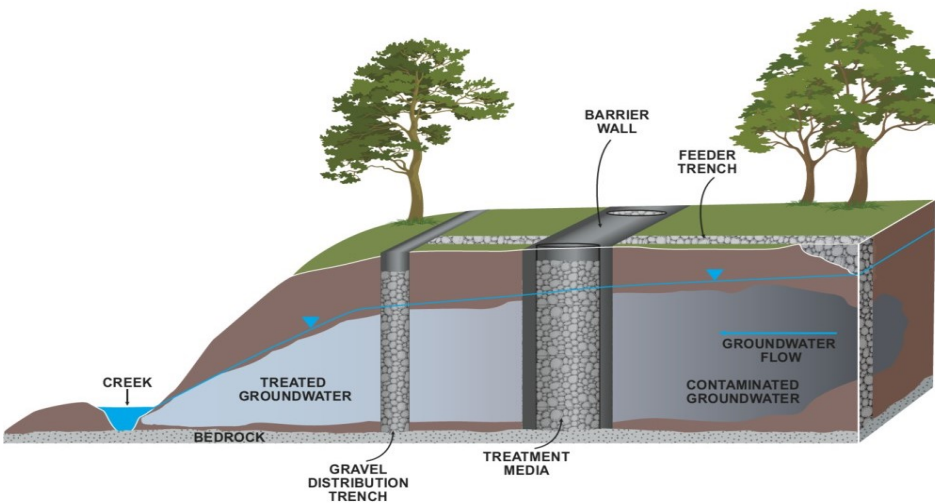
Timeline

Spring 2020	Work plan reviewed and approved by federal and state agencies.
Summer 2020	Install pilot test.
Fall 2020 through Spring 2021	Monitor performance of pilot test.
Winter 2021	Apply mulch and seeding.
Fall 2021	Complete pilot test.
2022	Scheduled date for design and construction of full-scale treatment system.

Summary of Selected Remedy

Many cleanup activities have taken place at this former coke production facility. The following cleanup actions are the final response actions necessary to address remaining groundwater and sediment contamination:

- A permeable reactive barrier wall will be constructed beneath the ground surface to neutralize acidic conditions and reduce elevated levels of aluminum, iron, manganese and benzene concentrations in groundwater prior its discharge to a small tributary to the Monongahela River;
- Organic compost will be applied to two wetland areas prior to reseeding to reduce bioavailability of metals;
- Long-term environmental monitoring will be performed; and
- Land use restrictions will be placed to prohibit residential use, prohibit use of groundwater, and to require that future buildings be constructed using vapor barrier methods.



Redevelopment Potential

No further cleanup activities are required on a majority of the Fairmont Coke Works Superfund Site; 50-plus acres are available for redevelopment. The site is zoned for industrial and commercial use, subject to some land-use restrictions. Available infrastructure includes water, sewer, gas, three phase electric, voice data and television cable. Future construction activities related to the groundwater remedy outlined above will be limited to the western end of the property and constructed to maximize the area available for redevelopment.

Early redevelopment activities completed on the site property include the West Virginia State Police Troop 1 Headquarters. The WV State Police facility includes a fleet maintenance garage and a communication tower. The West Virginia Army National Guard Armory is adjacent to the site’s southern boundary.

The site is owned by the Fairmont Coke Works Superfund Site Custodial Trust (FCT), administered by WVDEP and supported by the City of Fairmont. Representatives are available to speak to anyone interested in redevelopment of the property.

Built by the U. S. Department of War from 1918 to 1920, Domestic Coke Corporation, a corporate predecessor of ExxonMobil, owned the Site from 1918 to 1948 and operated a byproducts coke plant. Sharon Steel Corporation (Sharon Steel) bought the Site in 1948 and operated a coke-production facility there until 1979, when operations ceased. Sharon Steel filed for protection under federal bankruptcy laws in 1987.

Aerial View of Site

NOTES:

1. ORTHOIMAGERY AERIAL PHOTOGRAPHY OBTAINED FROM UAV RTK POINT CLOUD COLLECTION EVENT, JULY 26, 2019.
2. BARRIER WALL ALIGNMENT WILL BE ADJUSTED AS NEEDED BASED ON FINAL DESIGN.

LEGEND:

- FAIRMONT COKE WORKS PROPERTY BOUNDARY
- RELEASE LINE
- FCW SITE
- UNNAMED TRIBUTARY #1 AND SURROUNDING AREA
- FORMER WETLAND AREA
- SWA1
- SWA3

**EXXONMOBIL
FAIRMONT COKE WORKS SITE
FAIRMONT, WEST VIRGINIA
REMEDIAL DESIGN WORK PLAN**

SITE MAP

ARCADIS Design & Construction
for natural and built assets

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