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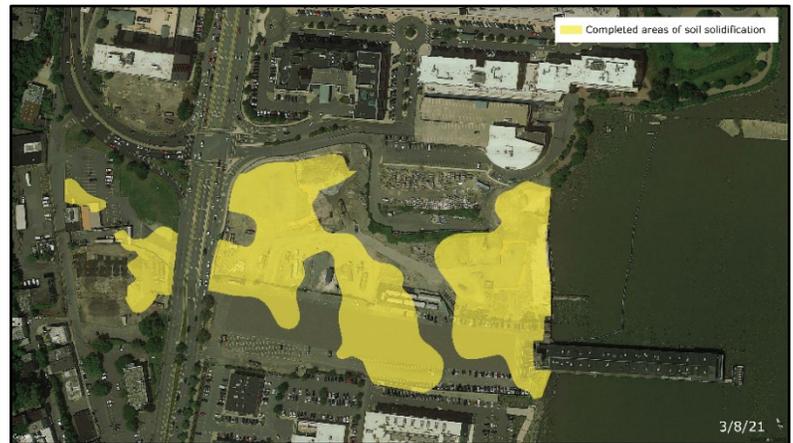
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**For project updates, schedule, and air
monitoring data from Honeywell, visit:**
www.quantaremediation.com

Status of Land Remediation

On March 5, 2021, Honeywell completed soil solidification on the Quanta property and adjacent commercial properties. The soil contamination under River Road will be addressed in coordination with a road stabilization project to be conducted by Bergen County. Approximately 90 percent of the cleanup work for the land portion of the Quanta Resources Superfund site has been completed.



Locations of completed areas of soil solidification.

Starting in winter 2019, soil solidification was managed under large tent structures to control releases of naphthalene vapors from contaminated soil. Filtration units on the tent structures provided carbon filtration of potential contaminants prior to releasing the air to the environment. During active soil solidification outside of a tent, vapor mitigation technologies, including odor control foam and a stucco-like material to encapsulate areas of exposed soil, were used to suppress releases of vapors.



Approximate area of the HCAA

High Concentration Arsenic Area

In late summer 2020, Honeywell started to test a treatment method for groundwater contaminated with arsenic in an area called the High Concentration Arsenic Area (HCAA), located in a north west portion of the site. That test, which is ongoing, involves periodically injecting zero-valent iron (ZVI) into the groundwater over a year-long period and monitoring how effectively the ZVI is binding the arsenic. Results of the pilot are expected in early 2022.

Air Sampling and Monitoring

On days that soil solidification occurred at the site, air samples were collected along the perimeter of the Quanta site and in residential properties and retail shopping areas north and south of the site for laboratory analysis. From April 2019, when soil solidification under tents started at the Quanta property, until the end of work in March 2021, the running average concentrations of the volatile organic compounds (VOCs) monitored at the Quanta site except naphthalene were at or below analytical reporting limits. The site-specific risk-based screening level or RSL that was developed for naphthalene at the Quanta site

[3.13 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$)], considered the most sensitive populations. The running average concentrations of naphthalene were well below the RSL, and at residential locations ranged from 0.77 $\mu\text{g}/\text{m}^3$ at Independence Harbor to 1.60 $\mu\text{g}/\text{m}^3$ at City Place. The assumptions for the Quanta site are very conservative and result in RSLs that protect human health with sufficient margins of safety. Detailed air sampling and monitoring data are available at www.quantaremediation.com.

With the conclusion of soil solidification activities at the Quanta property, Honeywell will suspend air monitoring at the perimeter of the Quanta property and offsite residential properties starting on March 15, 2021. EPA will work with Honeywell to develop air monitoring plans for the remediation of River Road and other future work at the site as necessary.

Community Hotline

Honeywell's community hotline will be available until March 26, 2021. The hotline number is **(201) 807-0991**. After March 26, residents with questions or concerns can contact EPA using the contact information provided on this community update. EPA will consider reactivating the hotline for future work as necessary.

Site Background and Cleanup

The Quanta Resources Superfund site in Edgewater, New Jersey, was the home of a roofing tar plant for more than 100 years. Roofing tar was produced from coal tar, a dark-colored viscous liquid that contains naphthalene and smells like mothballs. The land portion of the Quanta site consists of areas of contaminated soil on the Quanta Resources property and adjacent properties, soil contamination under River Road, and contaminated groundwater in the HCAA located beneath the adjacent City Place development. Under EPA's direction, Honeywell is cleaning up contaminated soil and groundwater at the Quanta site. The cleanup technology used to address contaminated soil is called in-situ (in place) solidification/stabilization (ISS), which involves combining a concrete mixture with contaminated soil to lock up contaminants. Honeywell is testing a treatment of the contaminated groundwater in the HCAA that involves injecting a ZVI solution to lock up arsenic contamination.



Air sampling locations.