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EPA Quanta website:
www.epa.gov/superfund/quanta-resources

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

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. Under EPA's direction, Honeywell is cleaning up the Quanta site. The cleanup technology used at the site is called in-situ (in place) solidification/stabilization, or soil solidification, which involves combining a concrete mixture with contaminated soil to lock up contaminants. Some releases of naphthalene vapors are likely when soil containing coal tar is disturbed at the site. Vapors are reduced or eliminated by using air filtration and other vapor mitigation practices and technologies such as reducing the amount of soil that is exposed and covering disturbed soil.

Cleanup Work Resumes

The work to address contamination at the Quanta site resumed earlier this year. Approximately 50 percent of the cleanup work for the land portion of the site is complete. Since work resumed at the site, soil solidification is managed under large tent structures to control vapors. Filtration units on the tent structures provide carbon filtration of potential contaminants prior to releasing the air to the environment.

JANUARY UPDATE: Soil Solidification Outside of Tents

Because of physical interferences at a few areas of the site, approximately 10 percent of the remaining soil solidification will be completed outside of a tent. **During the week of February 3, Honeywell will start soil solidification outside of a tent at three areas on the western boundary of the main Quanta property.** This work involves solidifying 4,000 cubic yards of soil in phases. Completing the work in phases will allow Honeywell to temporarily stop work along the western boundary of the property and start and complete soil solidification at the final area of soil solidification in front of the Pier 115 building before Memorial Day.



Locations of areas of soil solidification.



In May 2017, EPA established a task force to restore the Superfund program to its rightful place at the center of the Agency's core mission to protect health and the environment.

epa.gov/superfund/superfund-task-force

The work in front of the Pier 115 building involves solidifying about 3,100 cubic yards of soil over an approximately ten-week period. Activities will include soil mixing (solidification), installing a support system for the steel bulkhead, and final restoration of the area. Once the soil solidification at the Pier 115 building is complete, Honeywell will resume soil solidification at the western boundary of the main Quanta property.

During active soil solidification outside the tent, residents may experience odors from releases of naphthalene vapors, especially on warmer days and when walking past the site along River Road. Vapor mitigation technologies will be used during soil solidification, including spraying Rusmar foam to suppress releases of vapors; applying Posi-Shell (a durable stucco-like material) to the areas of exposed soil; and covering areas of disturbed soil with plastic poly sheeting. Because the soil solidification along River Road will occur in close proximity to the sidewalk, safety features will be added to the site perimeter fence on the western border of the Quanta property. A barrier consisting of a tall fence covered in heavy polyethylene tarping will be constructed between the site and the pedestrian walkway.

Air Sampling and Monitoring

On days that soil solidification is occurring at the site, air samples are collected for laboratory analysis along the perimeter of the Quanta site and in residential properties and retail shopping areas north and south of the site. The data generated from the analysis of these samples provides a better understanding of the impacts of site activities on air quality. The results for the samples are posted on www.quantaremediation.com.

In addition to collecting air samples for laboratory analysis, multiple real-time fixed and mobile air monitors are positioned on the perimeter of the Quanta site to measure dust and total volatile organic compounds in the air.

Community Hotline

Residents can report concerns about vapors or odors from the Quanta site 24 hours a day, seven days a week using the community hotline. During hours when work is actively underway at the site, the information will be relayed to a supervisor at the site and to EPA. The hotline number is **(201) 807-0991**.



Public access and parking for the Pier 115 building.



Air sampling locations.



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