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EPA Quanta website:

www.epa.gov/superfund/quanta-resources

For project updates 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 the direction of EPA, 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 of 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.

Soil Solidification Outside of Tents

Approximately 10 percent of the remaining soil solidification will be completed outside of a tent because of physical interferences at a few areas of the site. **Soil solidification at one of these areas in the northeast corner of the site, south of the 125 River Road office building, is scheduled to start the second week of October.** This work involves solidification of approximately 1,500 cubic yards of soil over an eight-day period. During active soil solidification outside the tent, residents may experience odors from releases of naphthalene vapors, especially on warmer days. Vapor mitigation technologies will be used during soil solidification, including spraying Rusmar foam to suppress vapors; applying Posi-Shell, a durable stucco-like material, to the areas of exposed soil; and covering areas of disturbed soil with plastic sheeting. Areas of completed soil solidification will be covered with a geotextile fabric and gravel.



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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, as well as 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.



Air sampling and monitoring locations.

Community Hotline

Residents can report concerns 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.**



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