




APRIL 2024

Cleaning Up Soil Contamination Under River Road

The U.S. Environmental Protection Agency will monitor Honeywell's cleanup of the contamination under the River Road portion of the Quanta Resources Superfund site in Edgewater, New Jersey. Honeywell began to bring equipment to the site in late March 2024 and expect to complete the clean up by August 2024.

Honeywell will use technology that will chemically lock up the coal tar, or non-aqueous phase liquids (NAPLs) found in the soil under River Road. This treatment is designed to prevent contaminants from potentially moving away from the soil under River Road and contaminating other areas.

 **Non-aqueous phase liquids (NAPLs)** are organic liquid contaminants that do not easily mix with or dissolve in water.

In April, Honeywell will drill horizontal holes or borings, at least 10 feet below the road surface from stations on the east side of River Road on the Quanta property so they do not have to dig up the road and disrupt traffic.

This horizontal injection approach does not disturb the soil much, so air and noise emissions are expected to be at or below background levels. Honeywell will perform this work under an enclosure that has equipment that purifies the air.

Honeywell will use a small drill rig at each location of the borings. Honeywell will dig a shallow pit, approximately 4 feet by 3 feet, at each boring location where the drill will enter the ground.

The pit and drill rig will be contained in an enclosure that captures any vapors or dust coming from the drilling operation. Air from within the enclosure will be pumped through equipment that removes odors and contaminants.

The enclosure will also minimize noise from the drilling. Honeywell will pump the drilling fluids from the pit to a fully enclosed waste container that will be transported offsite for disposal.

After drilling is complete, Honeywell will begin injecting chemicals that are measured and mixed in a trailer and pumped into each horizontal boring.

The injection fluids are designed to react with the NAPL and remain in place; they do not migrate with groundwater away from the target treatment area beneath River Road.

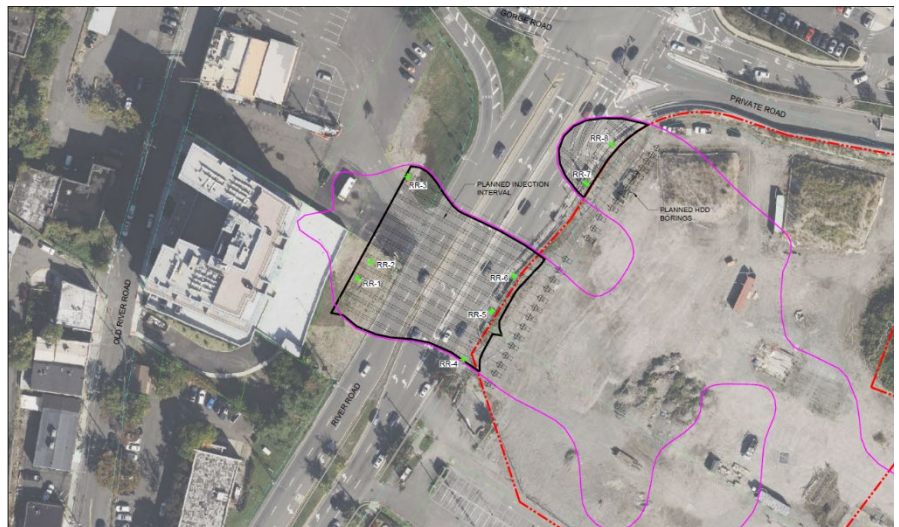


Figure 1. Air monitoring stations on the Quanta property

Air Monitoring

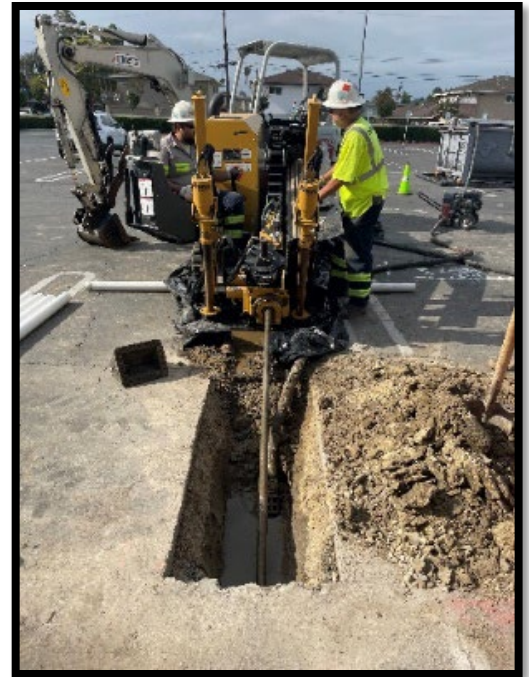
Perimeter air monitoring is in place and will continue throughout the cleanup of the contamination under River Road. Honeywell will monitor daily for dust and total volatile organic compounds (VOCs) using four fixed-location and three mobile air monitors during work shifts. Results of the air monitoring can be found on www.quantaremediation.com.

Work Hours

Normal work hours for the River Road cleanup activities are Monday through Friday from 7:30 a.m. to 6:00 p.m. Saturday work, if needed, will follow the borough's permitted construction hours.

Community Hotline

Honeywell's community hotline number is (201) 807-0991. Site-related information, including air monitoring results and the work schedule, is available on www.quantaremediation.com. Additionally, residents with questions or concerns can contact EPA using the contact information provided on this community update.



Site Background

The Quanta Resources Corporation site is in the Borough of Edgewater, Bergen County, New Jersey. Various companies manufactured coal tar, paving, and roofing materials at the site starting in the late 1800s. Quanta Resources operated an oil processing facility at the site from 1974 to 1981. The New Jersey Department of Environmental Protection (NJDEP) closed the Quanta Resources facility in 1981 after it discovered large quantities of contaminants in oil stored in tanks at the site.

EPA placed the site on the Superfund program's National Priorities List in September 2002.

Contact Information

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