



SEPTEMBER 2022

Soil sampling near River Road

Work to address contamination under the River Road portion at the Quanta Resources Superfund site in Edgewater, New Jersey will begin on September 12. Past industrial activities contaminated soil and groundwater at the site with non-aqueous phase liquids (NAPL), or liquid contaminants that do not easily mix with or dissolve in water. Honeywell is addressing this contamination under EPA oversight. To address contaminated soil under River Road with minimal traffic disruption, Honeywell will test a method of treatment that involves injecting an agent into the contaminated areas to lock up contaminants without having to do excavation. As part of a study to test this



River Road soil sampling locations

method, Honeywell will set up equipment next to River Road to collect samples of contaminated soil and drill sampling wells. Honeywell will use the information from the samples and from monitoring wells to test the treatment technique. Honeywell will use a drill rig to collect soil borings at several locations east and west of River Road.

At each location marked on the map above, Honeywell will collect soil samples and install a monitoring well to find out if NAPL is present. This work will be conducted without shutting the road down to traffic, but the sidewalk on the eastern side of River Road, directly in front of the former Quanta property, will close temporarily. The work is expected to take about four weeks to complete.



Drill rig used to collect soil

Pilot treatability study

To address the contaminated soil underneath River Road while minimizing the impact on traffic, Honeywell has proposed injecting a chemical horizontally into the contaminated areas beneath the road. The chemical would effectively stabilize the contaminated soil in place. EPA has approved a pilot treatability study to evaluate the chemical that will be used. The soil samples collected during September's sampling efforts will be treated in an independent laboratory to determine the dosage and effectiveness of the proposed treatment. Honeywell will also use the monitoring wells to make sure that the treatment is working appropriately. Once the results of the treatability tests are analyzed, the schedule for implementing the cleanup plan will be determined.

Environmental Monitoring

Work crews will use handheld air monitoring to measure the levels of site related contaminants in the air during the soil sampling. If there are odors or the handheld instrument provides a high reading, then odor suppression measures such as foam will be used. Only one drill rig will be used during this sampling event and noise will be monitored to conform to borough regulations. Work at River Road will take place during regular borough construction hours, 7:30 a.m. to 6:00 p.m.

Community Hotline

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

Site Background

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 contains areas of contaminated soil on the Quanta Resources property and adjacent properties, soil contamination under River Road, and an area of contaminated groundwater on the adjacent City Place development property known as the High Concentration Arsenic Area. Under EPA's direction, Honeywell is cleaning up contaminated soil and groundwater at the Quanta site. The company has been addressing this contamination using a technique called in-situ (in place) solidification/stabilization (ISS), which involves combining a concrete mixture with contaminated soil to lock up contaminants.

EPA Contact Information

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For information on general environmental concerns or the federal Superfund hazardous waste program, for concerns or complaints about the Superfund program or if you seek assistance in resolving site specific issues that were not fully addressed by EPA, please contact: **George Zachos**, EPA regional public liaison, (732) 321-6621 or (888) 283-7626, zachos.george@epa.gov



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