



Department of
Environmental
Conservation

RECOVERY WELL RW9 – SCHEDULE UPDATE

Alken Ave, Seaford, NY
November 2022

This notice is to provide the residents in the area of Alken Ave with an update to the Navy's Recovery Well RW9 project schedule and summary of what to expect during the next phase of work.

The Navy completed installation of Recovery Well 9 (RW9) and the associated monitoring wells in August 2022. The next phase of this project is to conduct an aquifer pumping test on the recovery well. Data collected from this test will help to define local hydrogeological characteristics and assist in the design of the future treatment system.

The aquifer pumping test is planned to be conducted during the week of November 28th, 2022 (weather dependent) and will involve two consecutive tests. The initial aquifer test will consist of 8 to 10 hours of groundwater extraction, treatment, and discharge to the nearby county storm water basin. This test is planned for November 28th, beginning around 8:00 AM until approximately 6:00 PM. The second test consists of a 72-hour constant-rate groundwater extraction, treatment, and discharge. This test is anticipated to commence on the morning of November 29th and would conclude December 2nd. During these tests, field personnel from Tetra Tech and Delta Well and Pump will be present.

A portable generator will be needed during the tests. The generator will be positioned to minimize impact to the surrounding residences. If necessary, sound barriers will be installed around the generator. During the 72-hour constant rate test, lights will be used in the area immediately around RW9 after dark. The lighting will be focused on the immediate work area and directed away from Alken Ave and the surrounding houses.

Previously collected groundwater data from recovery well and monitoring wells did not find any evidence of contamination in the area. However, even though no contamination was found, extracted groundwater will still be treated using a temporary groundwater treatment system. This system will consist of a particulate filter and granulated activated carbon. The treated groundwater will be transported through a temporary pipe/hose from the treatment system to Nassau County Storm Water Basin #254 located approximately 650 feet to the east of the site, where it will infiltrate back into the aquifer. A minimal amount of vegetation (underbrush, no large trees) will be cleared to allow for a small pathway in the wooded area between the RW9 site and Basin #254 to accommodate the temporary pipe/hose. Use of Nassau County Basin #254 for this project has been approved by the county. The New York State Department of Environment and Conservation (NYSDEC) has reviewed the Navy's plans and has accepted the Navy's approach for handling groundwater generated from the pumping test.

During the weeks of November 14th and 21st some periodic pumping activities will be conducted to test the temporary treatment system. There will be no activities conducted at the site over the Thanksgiving Holiday. It is anticipated the aquifer pumping tests will be completed by December 2nd. After completion of the tests, equipment staged at the site will be broken down and demobilized from the site.

As before, the drilling contractor for the Dept. of Navy will be Delta Drilling and Tetra Tech will provide oversight. Inquiries may be directed to Mr. Vincent Varricchio, the Tetra Tech Field Manager, or other contacts as listed on the back of this page.

If you require additional information, please contact:

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