

Committed to a Comprehensive Cleanup of the Former Roche Nutley Site



Update on the Environmental Remediation: 11-23-16 to 5-23-17

Roche continues to work closely with the New Jersey Department of Environmental Protection (NJDEP) to remediate the former Roche Nutley site. Although Roche sold the property in September 2016, the company retains responsibility for the environmental remediation. Roche and its experts are using proven and effective technologies to clean up the site quickly and safely while it is being returned to productive use. We are happy to report that a number of approved groundwater cleanup activities are underway throughout the site and we are seeing positive results from these interim measures.

Over the past six months, Roche:

- Completed soil remediation on the property, except for one area.
 - Submitted to NJDEP a Soil Remedial Action Permit (RAP) application.
 - Received NJDEP approval for the Site-Wide Soils RAP, excluding Investigative Area (IA)* 10 North.
 - Soil Response Action Outcomes (RAOs), indicating no further action is needed, were issued by Licensed Site Remediation Professionals (LSRPs) for IAs 4, 7, 9, 13, 15 and 14/15 Riparian.
 - Completed cap construction and submitted to NJDEP the Soil Remedial Action Report for IA-10 North.
- Submitted to the NJDEP the January 2017 *Site-Wide Groundwater Progress Report* that summarizes groundwater monitoring results from mid-2015 through mid-2016, and the February 2017 *Interim Remedial Measure (IRM) Progress Report* that documents activities associated with several IRMs. (Both reports are available at www.roche-nutley.com).
- Completed semi-annual groundwater monitoring and continued to evaluate potential impacts of groundwater contamination.
- Installed additional wells for groundwater remediation purposes and closed several wells, following regulatory guidelines, that were no longer necessary for groundwater monitoring.
- Continued existing groundwater IRMs and monitored them for effectiveness. In addition, Roche undertook construction or modification measures for the following IRMs:
 - Completed construction and initiated operation of the IRM system in IA-3/7 North.
 - Abandoned in-ground electrodes constructed for the IA-12 IRM thermal treatment system.
 - Excavated weathered bedrock to support the IRM in IA-11 West.
- Responded to public questions and made information and reports available on our website (www.roche-nutley.com).

Over the next six months, Roche plans to:

- Issue a Soil RAO for IA-10 North, following NJDEP approval for a Soil RAP modification for IA-10 North. This will complete all soil remediation on the property.
- Submit to NJDEP a fourth annual *Site-Wide Groundwater Progress Report*.
- Submit to NJDEP a *Conceptual Site Model Report for Site-Wide Groundwater*.
- Continue groundwater monitoring and install additional wells, as necessary, to further assess/refine remediation plans.
- Continue to confirm the stability of the groundwater plumes.
- Continue existing groundwater IRMs and conduct groundwater monitoring to confirm their effectiveness.
- Continue to make information and reports available on our website (www.roche-nutley.com), including the schedule for off-site groundwater sampling.

*To more effectively conduct the environmental investigation, the Nutley site was divided into 15 Investigative Areas (IAs).

If you have questions regarding the ongoing remediation activities, please contact either the Roche or TRC representatives listed below.



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NJDEP PI No. 009949
NJDEP PI No. 614465
NJDEP PI No. 625447