

Roche To Implement Groundwater Remedial Plan

Residents have 30 days to submit questions or concerns regarding Roche's Groundwater Remedial Action Work Plan

Consistent with its global Corporate Sustainability principles, Roche completed its comprehensive investigation of the Nutley site under the oversight of the New Jersey Department of Environmental Protection (NJDEP). For the past five years, Roche proactively addressed groundwater impacts beneath the site through 10 interim clean-up measures that greatly reduced groundwater contamination. Roche is now ready to implement its final, long-term groundwater clean-up plan, known as the *Groundwater Remedial Action Work Plan* (RAWP). All work will be done under the oversight of the NJDEP and a Licensed Site Remediation Professional (LSRP).

On August 20, 2020, the NJDEP approved implementation of the following remedies as proposed in Roche's December 2019 *Groundwater Remedial Action Work Plan* to address groundwater plumes at the former Roche Nutley Site. Many of these plumes have already been addressed by Roche as "interim remedial measures" using active remediation technologies. For the groundwater contaminants that remain, the actions that will be conducted under the RAWP include:

- **Focused enhanced *in-situ* bioremediation**, which harnesses microbes that live naturally in soil and groundwater. The remedial technology consists of injecting microbes and amendments to reduce constituent concentrations in groundwater. Neither the amendments nor the microbes pose a threat to people at the site or in the community, but they can "degrade" substances such as fuels or solvents, turning them into salts and harmless gases.
- **Monitored natural attenuation**, which includes a variety of natural processes that reduce or "attenuate" low levels of residual contamination over time. To determine its effectiveness, Roche will conduct groundwater monitoring using the existing network of wells on and off the site.
- **Continue long-term groundwater monitoring** under a Classification Exception Area established by NJDEP to document that groundwater conditions, which do not represent a risk to human health and the environment, remain stable.
- **Conduct regular re-evaluation** of the NJDEP's Technical Impracticability determination. The re-evaluation will be conducted every five years (or as otherwise specified by NJDEP) in compliance with NJDEP regulations.

The proposed remedies for the groundwater are designed to enhance the continuing redevelopment of the ON3 campus and benefit the surrounding areas.



Roche is proud and gratified to see the development of the former Roche Nutley site. Congratulations to the organizations making their home on the ON3 campus. We wish much success to those organizations and their employees whose presence will significantly contribute to the region in many ways, from advancing science and health care to economically supporting the local communities and businesses.

**THE RAWP IS AVAILABLE FOR REVIEW ON THE ROCHE NUTLEY WEBSITE:
www.roche-nutley.com**

**Before remedial action is implemented, residents have 30 days from
August 27, 2020 - September 26, 2020 to submit questions or concerns to:**

RocheRAWPComments@trccompanies.com

or via mail to:
Roche RAWP Comments
TRC Environmental Corporation
41 Spring Street, Suite 102
New Providence, NJ 07974