

Skyline Service Center

Ringwood Borough, Passaic County

July 2004

Site History

In August 2003, three gasoline tanks and associated piping were removed from the Skyline Service Center as a result of a tank closure and replacement. A sheen was noted on the water in the excavation. This water is believed to be perched water as the tank field was installed by blasting into bedrock. A post-excavation soil sample at the pump island exceeded the applicable criteria for benzene, xylenes and Methyl tertiary Butyl Ether (MTBE). A post excavation soil sample from the gasoline excavation exceeded said criteria for MTBE and total petroleum hydrocarbons (TPHC). Approximately 429 tons of soil was excavated.

In early February 2004 NJDEP received the Remedial Investigation report for the work performed the previous summer. At that point a case manager was assigned. On March 5, 2004 a letter was issued to the station owner requiring him to conduct a ground water investigation at the site, canvass the area to locate all permitted and unpermitted wells

within 1,000 feet of the site, and sample those wells nearest the station. On or about March 15, the Ringwood Health Department mailed a notice to the residents with potable wells within 1,000 feet that this site had a discharge, was required to do a well search and asked that they participate in any well sampling.

Recent Actions

NJDEP required the initial sampling of 23 of the nearby potable wells; sampling commenced June 1, 2004. The preliminary results from that round indicated that one home had levels of MTBE and tertiary butyl alcohol (TBA) exceeding the Ground Water Quality Criteria. A directive was issued requiring provision of bottled water and a treatment system at the home within 72 hours. Both activities have taken place. The remaining wells had no contamination exceeding the applicable criteria, although some wells contained detectable levels of volatile organic compounds. The complete data packages for ten of the samples have been received by NJDEP and have undergone a quality control check.

Letters describing the sampling results were mailed to the owners of those ten homes.

Due to the elevated contaminant levels in the one home, NJDEP required that additional wells be sampled in that immediate area. Four homes were sampled from June 21 through 24. Preliminary results received on July 8 indicated that two of the homes had MTBE and/or TBA above applicable criteria. A directive requiring provision of bottled water and treatment systems was issued July 9. Treatment systems were installed in those two homes on July 9.

During a recent private well sampling event NJDEP audited the contractor performing the sampling. This audit confirmed that the contractor was following the correct sampling methodologies and procedures.

To aid in characterization of the ground water at the site, four monitoring wells were installed on the station property on July 6. Regulations require these wells stabilize for 14 days before they are sampled.

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Plans

Additional private well sampling is continuing. The sampling will include wells within 1000' of those wells that have shown elevated contaminant levels.

Sampling of the four new monitoring wells is planned for the week of July 21. Analytical results would be expected approximately 2-3 weeks after sampling. Results of the monitoring well sampling will be placed in a repository at Borough Hall along with copies of other site-related documents.

An inspection will be conducted at the station to ensure that the current operations are in compliance with state regulations.

Need More Information?

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NJDEP Reports available at:

Ringwood Municipal Building

60 Margaret King Avenue

(973) 962-7037

The report "MTBE in New Jersey's Environment" may also be viewed at

[www.state.nj.us/dep/
dsr/mtbe/mtbe-report.htm](http://www.state.nj.us/dep/dsr/mtbe/mtbe-report.htm)