

Progress Update

Operable Unit III Groundwater Treatment System – Additional Extraction Well

Vinnie Racaniello

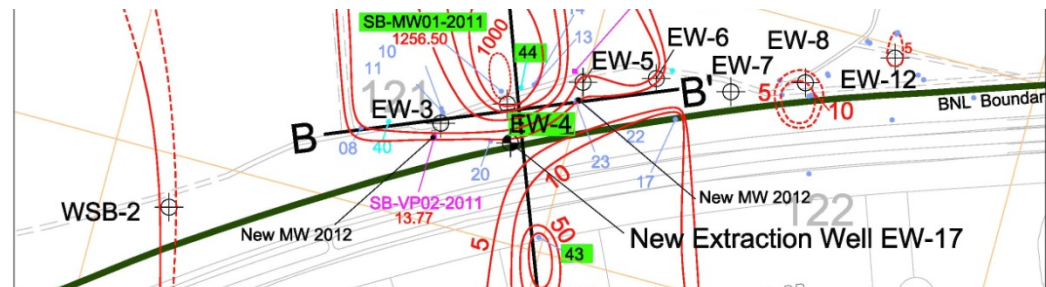
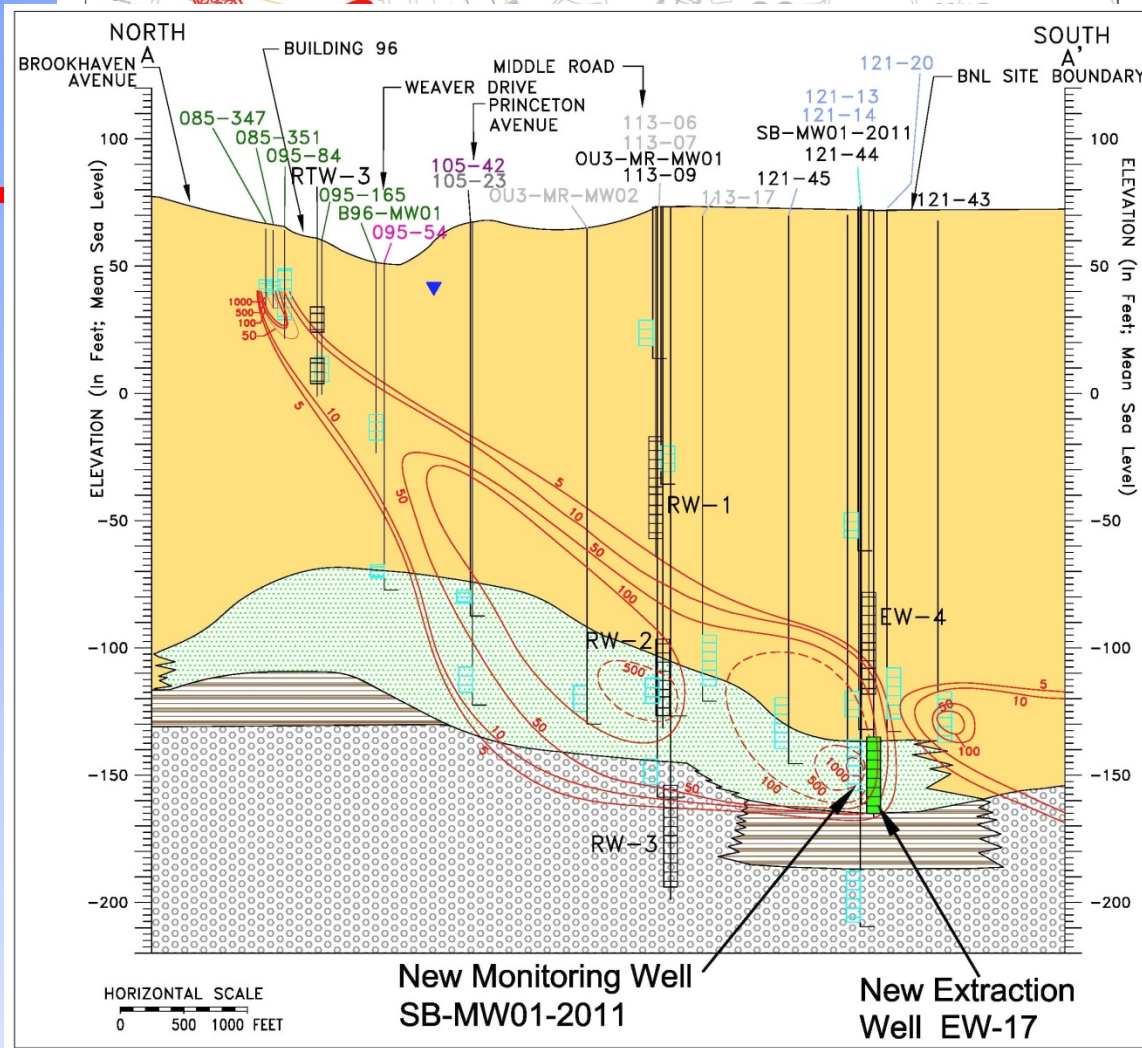
Environmental Protection Division
Groundwater Protection Group

BNL Community Advisory Council

May 10, 2012

Background

- CERCLA 5-Year Review Report recommendation to add deeper extraction well (2011)
- Briefed CAC on recommendation (June 2011)
- Detected VOCs up to 1,256 ug/L migrating beneath capture zone of EW-4 (2010-2011)
- Primary VOC detected is tetrachloroethylene (PCE) at 210 to 230 feet below land surface
- Well being installed to meet ROD cleanup objective for Upper Glacial Aquifer.
- Magothy Aquifer not impacted.

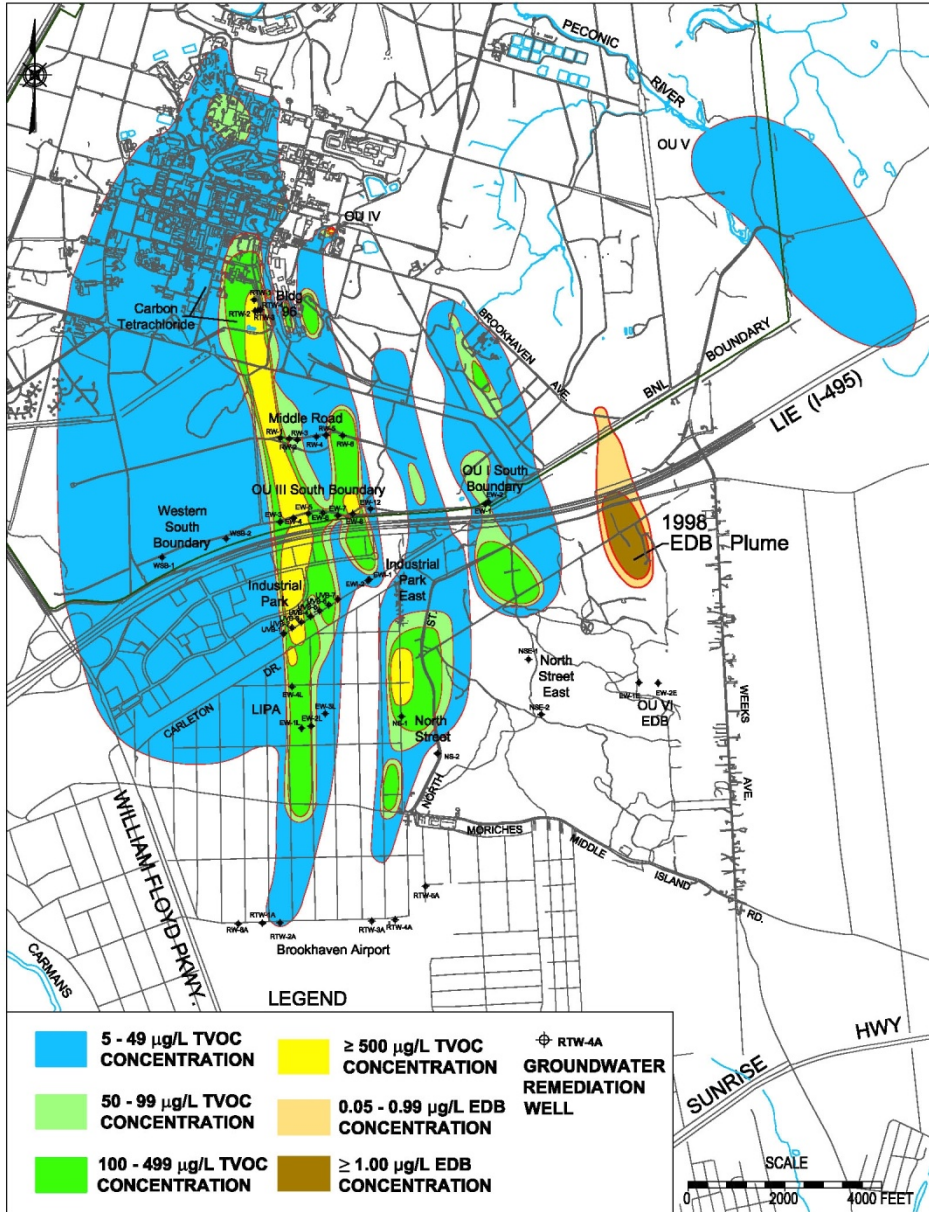


Current Status/Next steps

- Installed 2 new monitoring wells at south boundary (April/May 2012)
- Currently Installing EW-17
- Complete installation of EW-17 in May 2012
- Connect EW-17 to existing OU 3 South Boundary Treatment System and begin operations in June 2012
- Water will be treated by OU III South Boundary Air Stripper



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