

**120 Monmouth Street, Red Bank, NJ Discussion of Groundwater Monitoring Wells**  
**AEI Consultants, April 2021**

**Background:**

AEI performed a Phase I Environmental Site Assessment (Phase I ESA) at the subject property in 2018. Recognized environmental conditions (RECs) relating to historical onsite gasoline station and auto repair; spills reported onsite; and auto repair and gas stations reported off site and adjacent were identified in the ESA in connection with the Site, and further investigation was recommended.

AEI subsequently performed a subsurface investigation and site investigation at the subject property in 2018. The purpose of these investigations was to evaluate subsurface conditions related to the former use of the Site as a gasoline station and auto repair facility. Following the initial groundwater sampling from temporary well points installed during site investigation activities, three permanent monitoring wells were installed at the Site. Each monitoring well was constructed using 2-inch diameter PVC incorporating approximately 10 feet of 0.010 slot well-screen and associated riser pipe. Well construction consisted of a silica sand filter pack placed approximately two feet above the top of the screened interval. A two-foot thick layer of bentonite was placed above the sand pack to prevent downward infiltration of surface water. The remainder of the borehole annulus was filled with a cement/bentonite slurry to within approximately one foot of ground surface. The wells were completed with an 8-inch flush-mount protective steel casing. The drilling soil cuttings were containerized and staged onsite for subsequent disposal pending review of the sampling and analysis results by the laboratory. The wells were sampled in 2018 in support of our investigation work.

In 2019, an Area of Concern–Specific Response Action Outcome was issued for groundwater contamination identified on the subject property. The Area of Concern–Specific RAO designation represents no further action status in New Jersey for the groundwater release detected onsite. The above-referenced groundwater monitoring wells were decommissioned in two phases. The wells were filled using slurry materials and sealed at the surface to prevent access or entry. Decommissioning was performed by licensed drillers in accordance with New Jersey Administrative Code 7:9D, and the well decommissioning reports were submitted to the New Jersey Department of Environmental Protection (NJDEP) for their records.

**Summary:**

AEI performed a series of assessments and investigations at the subject property in 2018-2019. Those investigations included the installation of wells to sample and monitor groundwater conditions. With the issuance of an Area of Concern–Specific Response Action Outcome, the groundwater release detected onsite received regulatory closure. Accordingly, the monitoring wells were closed via abandonment in 2020 by licensed personnel using New Jersey-approved methodology, as their use was no longer required. Given the decommissioned status of the monitoring wells, they do not warrant any further action at this time.

Please contact me at 201-332-5070 or [jcopman@aeiconsultants.com](mailto:jcopman@aeiconsultants.com) with any questions.

Sincerely,

AEI Consultants



John Copman  
Vice President and Regional Director