

Love Lane Water Treatment Update

Since the treated water at the Love Lane Water Treatment Facility exceeded the allowable nitrate level in the Township's water test in July of 2018, Upper Deerfield Township has taken a number of significant steps to address this issue. These steps include:

1. Retained the services of engineering specialist to assist with the conceptual and detailed design of the nitrate removal system.
2. Solicited bids and contracted for the drilling of a replacement well for well #3. Even though nitrate levels were low in the possible replacement well; Iron levels in the new test well were not low enough to allow replacing the iron filtration media with nitrate removal media.
3. A decision to replace well #3 with a new well will be made in January.
4. The nitrate removal system will be designed to accommodate flow from well #3 and well #4.
5. Nitrate removal contractors have submitted preliminary cost estimates and equipment sizes to aid in the design of the treatment system for the existing Love Lane water treatment facility.
6. Plans are being prepared to construct a new building to remove nitrates, including;
 - a. Size of building
 - b. Placement of mechanical components
 - c. Relocation of piping
 - d. Logistics to deliver required media
 - e. Discharge of backwash material into the sewer system
7. Specifications are being prepared to allow for competitive bidding of the nitrate removal components.
8. It is anticipated that the nitrate removal system design, state review and approval and construction of the treatment system could be operational in the summer of 2019.
9. Preliminary cost estimates for the Nitrate Removal are around five hundred to six hundred thousand dollars.

The Township's efforts and plans are being monitored by the New Jersey Department of Environmental Protection (NJDEP). The Township will continue to keep the public informed of the progress made in the removal of the nitrates from the drinking water at the Love Lane Water Treatment Facility.