



## UST Replacement

This project was an underground storage tank replacement job in Salem, NJ. Carbonair provided four PC28 Carbon vessels behind a multi round bag filter. Carbonair partnered with Rain For Rent on this project, who supplied multiple weir tanks and pumps, a well point system, and additional bag filters.

This site was originally contaminated with BTEX by a leaking UST. This old tank had to be replaced with a new one. Since the contamination went as far down as 25 feet below the surface, a well point system was used to extract the water. The well points also helped to reduce suspended solids in the water coming into the carbon system. This is a good practice to ensure that the carbon beds are operating with the most efficiency and are not blinded off by solids accumulating on top of the carbon. The 400 gallon per minute system operated on site for about one month.

### Project Specifics

- Treatment flow rate: 400 gpm
- Equipment Supplied: (1) multi round bag filter and (4) PC28 carbon adsorbers
- Contaminants treated: BTEX

