Municipal Utility Installation Dewatering

Carbonair provided a dewatering treatment system including carbon and zeolite filtration media, bag filters, and pumps for a confidential municipal utility in MN.

After dewatering the site with well points, the water went through frac tanks and bag filters to remove suspended solids. Then the water was treated with carbon to remove dissolved organic contaminants and a quaternary amine impregnated zeolite media to remove mechanically emulsified floatable solids.

Carbonair provided installation supervision and operator training for the customer. The water was treated quickly (1 month project duration) and discharged to the storm sewer so that the client could continue to install utilities.

Project Specifics

- Treatment flow rate: 600 gpm
- Equipment Supplied: Weir tank, diesel pump, dual multi-round bag filter skid, (3) MPC28s with zeolite/carbon fill, and dual multi-round final TSS polishing filter
- Contaminants treated: DRO, GRO, TPH, Benzene, and Naphthalene