



Remer, MN Water Treatment

Carbonair provided an 80 gpm treatment system for dewatering treatment on a soil removal project in Remer, MN. The system was designed to remove DRO contaminants in the free phase, mechanically emulsified phase, and dissolved phase.

This site was originally contaminated from heating oil from an old house on the lot. The water was pumped into a frac tank, and then through an oil water separator and bag filters to remove suspended solids and free phase oil. Next the water passed through a zeolite adsorber to remove mechanically emulsified oil. Following the zeolite, the water went through two PC13 carbon adsorbers to remove dissolved VOCs. Finally, any fine particles were removed with a post bag filter. After treatment, the water was discharged to the storm sewer.

Carbonair provided a technician for on-site set up assistance. The equipment was on site for 1 month during the summer.

Project Specifics

- Treatment flow rate: 80 GPM
- Equipment supplied: COWS 150S, duplex bag filter, PC13 with zeolite, two PC13s with carbon, duplex bag filter, and interconnecting hose
- Contaminants treated: DRO, Benzene compounds, Toluene, Ethylbenzene, and Xylene

