



Iowa Dewatering Treatment

Carbonair provided a system of carbon vessels and interconnecting hose to treat water for a gas station dewatering project in Des Moines, IA.

The gas station site was contaminated with a range of VOCs and SVOCs and had to be treated down to 1ppb effluent limits prior to discharge.

This system was arranged in two parallel trains of two carbon vessels in series. This allowed for a maximum capacity of 500 gpm through the system. Also, there was the option to flow 250 gpm through two vessels on one treatment train and have the other two vessels on the second treatment train on standby.

This project lasted two weeks in November 2014.

Project Specifics

- Treatment flow rate: 500 gpm maximum
- Equipment Supplied: (4) MPC28 carbon vessels each with 3,000 lbs. each of reactivated carbon and interconnecting hosing.
- Contaminants treated: VOCs and SVOCs

