



Hurricane Sandy Temporary Water Treatment System

During Super-storm Sandy, a petroleum company's on-site water treatment system was heavily damaged. Carbonair teamed up with Rain for Rent to supply (6) 20,000 lb carbon vessels for a temporary water treatment system.

The 1,800 gpm system treated rain water that had come into contact with fuel in loading areas and around storage tanks. The water flowed through a frac tank to sand filters, and then through (6) Carbonair PC78 vessels each containing 20,000 lb of carbon to remove free phase and dissolved oil, grease, DRO and GRO contaminants. The water was discharged directly to the New York Harbor.

Project Specifics

- Location: Bayonne, NJ
- Treatment flow rate: 1,800 gpm
- Equipment Supplied: (6) PC78 vessels each containing 20,000 lb of carbon
- Contaminants treated: Oil and grease, DRO, and GRO contaminants

Carbonair also supported operation with reoccurring carbon exchanges on the system with a slurry truck.

With the quick response of Carbonair and our teaming partners, the petroleum company was able to get back in-line and supply the greater NYC area with fuel, in the wake of such a devastating natural disaster.