

GROUNDWATER EXTRACTION AND TREATMENT SYSTEM AT STANDARD CHLORINE OF DELAWARE NEW CASTLE, DE

OWNER:

U.S. EPA – Region III

CONTACT:

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CONSTRUCTION COST:

\$2,518,550

COMPLETION DATE:

2007

Hirani was the general contractor for this project. The objective of this project was to extract and treat contaminated groundwater due to Chloro-benzene.

Scope of Work included:

- Erosion and Sedimentation control
- Security Fencing and Gates
- Clearing and Grubbing
- Roadways and Paving (Asphalt paving and Haul roadway)
- Extraction well Installation including vaults, pumps, power, control etc
- Piezometer Installation
- Conveyance Piping
- Construction of Treatment Building including foundation, lighting, fire hydrant, bollards, HVAC etc
- Construction of Treatment system (equipment, piping, pumps, electrical hookups etc)
- Plant Controls and Monitoring system
- Potable Water Line Installation and Hookup
- System Startup and Proveout
- Non-Contaminated waste handling & disposal
- Contaminated waste handling, pretreatment and Disposal
- Site restoration
- Decontamination
- Treatment System Operation and Maintenance



- Replacement of Carbon

