

CHEYENNE, WY 26TH STREET PCE AND TCE ORPHAN PLUME

Client:

Benchmark Engineering

Location:

Cheyenne, Laramie County, Wyoming

SERVICES PROVIDED

- Prepared environmental specifications for regulatory compliance
- Organized PCE- and TCE-contaminated groundwater and soil treatment and disposal

Markets

- Government
- Infrastructure

THE PROJECT

WWC prepared construction specifications and necessary reports to meet environmental compliance during construction of stormwater utilities through a tetrachloroethylene (PCE) and trichloroethylene (TCE) orphan plume. WWC arranged for proper offsite disposal of PCE- and TCE-contaminated groundwater and soils. WWC also included provisions in the specifications to require the contractor to maintain OSHA compliance for safe trenching activities, as the contaminated soils and groundwater caused vapors to accumulate in open trenches.

Highlights

- Authored specifications for PCE and TCE-contaminated groundwater and soil to meet environmental compliance during a construction project.
- Researched advanced onsite treatment options for PCE- and TCE-contaminated groundwater.
- Organized proper offsite disposal of PCE- and TCE-contaminated groundwater.

