




CIVIL ENGINEERING



Understanding where
engineering and permitting
interface with environmental
offers unique perspective and
experience

CIVIL ENGINEERING CAPABILITY STATEMENT



Broadbent's engineers and drafters provide a host of services covering a broad spectrum of projects. We offer premium design and construction services that support clients in areas that are commonly related to our other service areas. Optimization and design improvements in support of water and wastewater operations, environmental assessment for federal permitting of facility expansions and land transfers, and design and construction for abandoned mine land reclamation are a few examples. In these situations, and many others, our engineers provide great benefit to our clients.

We serve as an important team member that comes to the table with perspective that most civil engineering firms do not have. Through decades of environmental experience working for energy, mining, industrial, manufacturing, and government clients, we bring to bear critical understanding of health and safety; critical understanding of design; field equipment and practices; and regulatory process, personnel, and compliance. Knowing how engineering and permitting interface with environmental aspects of a project enables us to uncover innovative solutions that would not be realized if approached from a single discipline perspective. It is for these reasons we are asked to support our clients and other consulting firms with their engineering projects.

SERVICES

- Public water system design and permitting
- Wastewater treatment system design and permitting
- Construction management and quality assurance
- Engineering plan interpretation and construction support
- Environmental Assessment (EA) for federal permitting
- Facility Response Plans (FRP)
- GIS, database management, and mapping
- Grading Plan Design
- Mining Plans
- Permitting and public hearings
- Section 404 planning
- Site improvement design
- Spill Prevention, Control, and Countermeasure Plans (SPCC)
- Stormwater management analysis and design
- Stormwater Pollution Prevention Plans (SWPPP)
- Water Rights Surveying



CONTACT INFORMATION

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