

## Quality Assurance/Quality Control



### Baltimore City Back River Headworks/Storage

- Preliminary Quality Management System (QMS)
- Preconstruction QA management
- QA and QC program concept training



### Baltimore City Montebello Plant I Improvements

- Quarterly audits to insure USACE specs are met
- Created QA plan/assisted with QA-related issues
- Assessed and improved field inspection processes



### DC Water Oregon Avenue project

- Created/implemented Project Quality Plan (PQP)
- Trained project participants on PQP execution
- Critical geotechnical coordination in tunnel design
- Provided seismic investigation surveys
- Successfully passed DC Water Audit in first round

## Engineering design with innovative solutions

### ABOUT US

Albrecht Engineering, Inc. is a woman-owned consulting firm founded in 2008 by Rachel Albrecht, PE. We provide engineering design and analysis, construction management, geographic information systems (GIS) services and QA/QC process services. We have a proven track record of completing projects and producing high quality deliverables on time and on budget.

Quality control and assurance (QA/QC) are not new to design and construction projects. Increasingly more public sector entities are requiring implementation of project specific quality management processes and procedures as part of project management plans. Project QA/QC can help prevent significant design changes, budget overruns, keep a project on schedule, and communicate best practices.

### MARKETS

- ◆ Transportation
- ◆ Environmental
- ◆ Utilities
- ◆ Asset Management

### EXPERIENCE AND CAPABILITIES

- ◆ Gap assessments.
- ◆ Program reviews, monitoring, and reporting.
- ◆ Internal audit support and third-party audits.
- ◆ Program reviews, monitoring, and reporting.
- ◆ Training program development and delivery (English and Spanish).
- ◆ Risk register development support and checklist development.

### QUALIFICATIONS

- ◆ ISO 14001 Environmental Management Systems Lead/Internal Auditor training
- ◆ ISO 19011 Guidelines for environmental management systems auditing training
- ◆ ISO Based Quality Management Systems (Plan-Do-Check-Act)

### CERTIFICATIONS & LICENSES

- ◆ Professional Engineers in registered in MD, DC, PA, DE, VA, WV, NC, NJ, NY, CT, RI, MA, NH and CA
- ◆ U.S. Army Corps of Engineers Construction Quality Management Certification
- ◆ Leadership in Energy Efficient Design Accredited Professional (LEED AP)
- ◆ NASSCO/PACP & MACP Certification