



PWGC EXPERTISE

Energy/Sustainability Solutions

- Geothermal Systems Feasibility Analysis, Design, Permitting and Construction Management
- Carbon Footprint Analysis, Profile & Management
- Power Generation
- Fuel/Alternative Fuels Systems Design, Permitting, Compliance, Construction Management
- Emissions Reduction
- Alternative Fuels Facility Design
- LEED and Green Consulting
- Green Roof/ Solar System Consulting

Civil/General Engineering

- Site Planning/Design
- Construction Planning, Management, QA/QC
- Facility Design & Condition Assessment
- Specifications, Cost Estimating
- Drainage Planning & Design

Consulting

- Expert Testimony/Counsel, Regulatory Liaison, Project Inspection/Owners Representation

Environmental Compliance & Management

- Phase I, Phase II Environmental Site Assessments
- Brownfield Support Services
- Regulatory Compliance Reporting
- Air, Water & Soil Sampling/Monitoring
- Environmental & Health Risk Assessment
- Cost Estimating
- Air Quality & Air Emissions Inventories
- Title V Permitting
- TRI Reporting
- Radiological Emissions
- Contingency Plan Development & Revision
- Facility Plan Preparation: SPCC, SWPPP, FRP

Wastewater & Water Supply

- Water Supply & Wastewater Design
- Treatment & Distribution Systems Planning & Design
- Groundwater Modeling
- Evaluation, Planning & Technical Assistance
- Conservation Plan Development
- Comprehensive Feasibility Studies

Remediation/Hydrogeology

- Environmental Audits (Assess Environmental Liability)
- Risk-based Approach
- Remedial Investigation, Action
- Remediation Systems Selection & Design
- Groundwater Contamination
- Contaminant Fate & Transport Computer Modeling
- UST/AST Management

STRATEGIC ENVIRONMENTAL ENGINEERING SOLUTIONS

Why Use Alternative Fuels?

Business and institutional sectors are aware of the push to replace conventional diesel and gasoline with alternative fuels in order to become more energy independent and to improve air quality. Retail service station owners are under pressure from customers to add ethanol-85 and biodiesel to their inventories. Fleet managers have found that replacing diesel- and gasoline-powered vehicles with those that can run on compressed natural gas (CNG) or hydrogen not only reduces air emissions but also reduces fueling costs.

Applying Knowledge and Insight

We act as your advocate with partners, contractors, and regulatory agencies. PWGC will work with you to design, permit, and oversee construction of a new alternative fuel station or integrate alternative fuels equipment with an existing fueling station. Our expertise in alternative fuels includes:

- Fueling Station Planning and Design,
- Equipment Specification,
- Construction Observation,
- Facility Testing, and
- Commissioning for Retail Service Stations and Fleet Operations.

PWGC is knowledgeable of the alternative fuels industry and emerging national codes and standards for alternative fuels equipment and station design.



Strategic Environmental Engineering Solutions

P.W. GROSSER CONSULTING
 Bohemia, NY • New York, NY
 Seattle, WA • Greensboro, NC
 PH 631.589.6353 • FX 631.589.8705
 www.pwgrosser.com

CONTACT US

Paul Boyce, PE, VP
 paulb@pwgrosser.com

Brian McCaffrey, PE
 brianm@pwgrosser.com