



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 Calculate Your Carbon Footprint?

Business, industry, and institutional sectors face increased pressure from the public, clients, media, Government, and investors to report their corporate policy for reducing carbon emissions and implementing sustainable operations. Benefits to calculating your carbon footprint include:

- Business Sustainability as part of Corporate Responsibility,
- Comply with Customer/Investor Requests,
- Develop Strategies for Operational Cost Savings,
- Public Relations & Marketing,
- Establishing your Firm as a Leader in Green Initiatives in your Industry,
- Being in the Forefront of Imminent Regulatory Changes,
- Establish a Baseline Year from which Emission Credits can be Applied,
- Qualify for Regulatory Issued Carbon Credits, and
- Receive Potential Monetary Value for Reduced Emissions.

Applying Knowledge and Insight

To develop your baseline carbon emissions profile PWGC will determine the carbon emissions based on your corporation's day-to-day activities that cause Greenhouse Gases Emissions, using protocols based on The Climate Registry:

- **Direct Emissions (Scope 1)** - On-site fuel combustion, fugitive refrigeration emissions, etc.
- **Indirect Emissions (Scope 2)** - Electricity consumption, imported steam, heating, etc.
- **Indirect Emissions (Scope 3)** - All other emissions (Personnel Transportation & Travel, materials purchased, waste, etc). Scope 3 is currently not required if submitting via The Climate Registry.

With PWGC's carbon emissions analysis, you will be able to integrate proactive guidelines into your corporate policy, develop strategies to reduce operational costs, and assess your long-term return on investments of going green.



Carbon Footprint?
A measure of the exclusive total amount of carbon dioxide emissions that is directly/indirectly caused by an activity or is accumulated over a product's life stages.



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

Gary Mazza, VP
garym@pwggrosser.com

Marie Rangel-Mendes
mariem@pwggrosser.com