



ENVIRONMENTAL SOLUTIONS

Solutions that Improve Quality of Life



PDG has more than 45 years of experience helping government, commercial, industrial and private sector clients grow visions that make a lasting influence in the lives of many. Our seasoned team of engineers, architects and planners work together to offer comprehensive services from initial conception to ongoing infrastructure management. Because we are employee-owned, clients are assured their projects are being handled by individuals who have a personal interest in completing them on time and within budget.

PDG is exceptionally familiar with the administrations of governmental clients. Our work with the public and local governments includes state agencies, counties, districts, cities, villages and townships. These regional relationships provide PDG with a broader, more inclusive understanding of the planning, financing and administration of water system projects, and allow better, more comprehensive services to our clients.



Teamwork with Diversity

The diverse nature of our firm's environmental staff exemplifies the positive results of teamwork. That diversity is displayed through the backgrounds and experience of our key technical people who average more than 25 years of water and wastewater experience.

Support for our Environmental staff includes Design Technicians, Structural and Electrical Engineers, Construction Observers, Surveyors and Grant Specialists.

Operations Assistance

Our subsidiary, Industrial Fluid Management (IFM) specializes as a Full Service Water Cycle Services Company with 20 Certified Water and 20 Certified Wastewater Operations. IFM assists industries, municipalities and private sectors in the management of their water and wastewater operations.



Our qualified funding specialists evaluate potential resources and pursue grant and low-interest loan funds to make your project a reality.



Environmental Engineering

- Water Supply, Treatment and Distribution
- Water Booster Pump Stations
- Water Storage (Raw and Treated)
- Wastewater Collection and Treatment
- Facility Planning
- Industrial Treatment Facilities
- Infiltration/Inflow Analysis (I/I)
- Sewer System Evaluation Surveys (SSES)
- Operation and Maintenance Manuals (O&M)
- Wastewater Treatment Plant Operations
- Solid Waste Management/Resource Recovery
- Rate Studies
- Environmental Assessments, Studies and Impact Statements



Specialized Services

- Project Conceptualization
- Feasibility Studies and Economic Evaluations
- Financing Recommendations
- Preliminary Reports, Plans/Cost Estimates
- Federal/State Regulation Compliance
- Local/County Regulation Compliance
- Detailed Plans/Cost Estimates
- Construction and Materials Specifications
- Bidding and Contract Documents
- Contract Administration
- Construction Layout
- Assessment Computations
- Start-Up Assistance
- Construction Observation
- Project Close-Out
- Property, Topographic and ALTA/ASCM Surveys



"Despite the mind-boggling complexity, the Ottawa County Regional Water System was completed on time and at a cost of \$69.7 million, below budget."
CECO



\$1.1 Billion

Over \$1.1 Billion in Grant and Low-Interest Loan Assistance






Leader In Innovation

PDG has designed and constructed 14 different applications of new technology in the State of Ohio using pilot processes, experimental technology and research and development grants.

- Innovative Sewer Systems
- Interceptor Sewer Treatment Projects
- Bioaugmentation for Lagoons and Pump Station Grease and Odor Problems
- Pilot Studies (R&D Grants)
- First Municipal SBR Process
- First Vacuum Assisted Sludge Bed
- First Municipal Multi-Tech Filter System
- First Ultra-Violet Water Treatment Plant Disinfection
- First Municipal Pressure Granular Activated Carbon Column
- First Aqua-Disk Tertiary Filter
- First Municipal UV Self Cleaning System
- First Municipal Surface Water Membrane Pilot
- First EPA/OWDA Mandated Sewer Project Under EPA Control
- First Full Scale Continuous Particle Counting Pilot
- Constructed the First EPA Funded WWTP with No Sewers
- Constructed Zero Discharge Innovative System
- Constructed First Municipal AeroMod WWTP
- Constructed the Largest Tertiary Cloth Disc Filter and UV Project

More than 90%
of Our Projects come
from Repeat Business



Integrated Solutions

- Architecture/Interiors
- Construction Administration
- Electrical Engineering
- Environmental Engineering
- Landscape Architecture
- Mechanical Engineering
- Municipal & Regional Planning
- Project Financing Assistance
- Site/Civil Engineering
- Structural Engineering
- Surveying
- Transportation Engineering
- Water/Wastewater Operations



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