

## Wastewater and Water Services

ARRO has enjoyed a reputation for excellence in the wastewater and water industry for more than half a century. Our comprehensive capabilities, innovative solutions and extensive knowledge of ever-changing regulations ensure your project is in the right hands.

We know what matters to you – successful communication, cost-effective solutions and delivering exceptional results on time and within budget. We understand that our reputation rests on committing to our clients, anticipating their needs and staying ahead of their expectations.

ARRO is uniquely positioned to provide municipalities and public sector clients with creative, cost-conscious and environmentally-sound solutions to their wastewater and water needs. From ensuring clean water for residents to protecting the environment in which we live and work, we're committed to providing services that make our communities better.

### WASTEWATER AND WATER SERVICES

- Wastewater/water
- Hydraulic modeling
- Construction management and observation
- Engineering services
  - Electrical
  - Structural
  - Mechanical



### ARRO ADVANTAGE

- Professional, responsive service and reliable project management
- In-depth knowledge of current and developing regulations
- Comprehensive, in-house capabilities
- Innovative, award-winning solutions

#### Corporate Headquarters

270 Granite Run Drive

Lancaster, PA 17601

T 717.569.7021

F 717.560.0577

[www.thearrogroup.com](http://www.thearrogroup.com)

## WASTEWATER/WATER CAPABILITIES

### *Wastewater*

- Collection systems
- Pumping stations
- Treatment facilities
- Odor control
- Sludge management programs
- Flow metering
- Process evaluation/engineering
- Infiltration/inflow investigations
- On-lot disposal systems (OLDS)
- Nutrient credit training
- Contract operations
- Biological nutrient removal (BNR)
- Rate studies
- Act 537 sewage facility planning
- Management studies

### *Water*

- Distribution systems
- Pumping stations
- Water storage tanks
- Treatment facilities
- Water source and supply development
- Leak detection
- Fire flow tests
- New/replacement source permitting
- Rate studies
- Management studies

### *Hydraulic Modeling*

- Wastewater collection systems
- Water distribution systems
- Fire flow evaluation

### *Construction Management and Observation*

- Resident project representative
- Construction engineering
- Construction management

## ENGINEERING SERVICES

### *Electrical*

- Power distribution
- Standby/emergency power system
- Energy conservation/management
- Interior/exterior lighting
- Process instrumentation and controls
- Telemetry control systems
- Security and alarm systems

### *Structural*

- Building analysis and design
- Foundation analysis and design
- Existing structure evaluations

### *Mechanical*

- HVAC
- Plumbing

**OUT IN FRONT** 

## ABOUT ARRO

ARRO is a full service engineering and environmental consulting firm employing more than 130 professionals in offices located throughout the mid-Atlantic region. Our success, shared with the clients and communities we serve, can be summed up in one message: **we stay out in front.**