



Water and Wastewater

The design and operation of sustainable water and wastewater systems in today's competitive, bottom line driven economy is a challenge. The design process requires attention to specific needs including ease of operation, energy conservation and overall design value. Design projects commonly face a variety of challenges ranging from space constraints, to over-aggressive compliance schedules, to difficult-to-treat waste streams.

CAPACCIO's engineering team understands these challenges and takes pride in developing creative, cost-effective design solutions while offering value-added alternatives to recycle water, reduce waste and improve energy efficiency.

At CAPACCIO, we offer a full range of services and also assist you with arriving at cost-effective solutions to meet all of your project needs. Whether we're conducting a wastewater characterization, pilot test, system design, construction or operational optimization, our team will involve client representatives and guide them through the process so there is a vested interest at the end of the project.

BENEFITS

- Cost-effective design solutions
- Improved energy efficiency resulting in overall cost savings
- Additional water conservation resulting in reduced water and sewer costs

SERVICES

Engineering Design

- Conceptual design
- Feasibility studies
- Preliminary design
- Pilot system testing
- Final design and specifications
- Process and instrumentation diagrams

Engineering Evaluations

- Existing system evaluations
- Peer review
- System optimization studies
- Pipeline studies and investigations
- Existing conditions plans

Bidding Assistance

- Invitation for bid
- Bid form preparation
- Opinion of probable cost
- Bid review
- Reference checks
- Recommendation of award

Construction Services

- Construction scheduling
- Shop drawing review
- Construction meetings
- Project scheduling
- Regulatory agency interaction
- Start-up

Permitting and Regulatory Assistance

- Permit application preparation
- Regulatory agency interaction
- Engineering reports
- Spill, Prevention, Control and Countermeasures (SPCC) plans
- Staffing plans
- System grading reports

Operational Assistance

- Operation and maintenance manuals
- Inspection checklists
- Licensed operator assistance
- System troubleshooting
- Compliance evaluations

Training

- MassDEP-approved Wastewater Treatment Operator TCH courses
- Oil SPCC
- Stormwater pollution prevention
- Operation and maintenance

QUALIFICATIONS

At CAPACCIO, we take pride in our experienced engineering staff, our work, and most importantly, relationships with our clients.

Our staff is highly trained and educated with work experience in the commercial, industrial and public sectors, which brings a broad range of engineering experience to our diverse staff and your projects. Let our team help you meet your production and compliance needs, while minimizing your environmental impacts.

Our professionals are:

- Registered Professional Engineers (PE)
- Licensed Wastewater Treatment Operators
- Licensed Drinking Water Operators



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