

# SOQ

## McCrone, Inc. Statement of Qualifications

### Company Background

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### Commitment

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### Quality

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### Environmentally Perceptive

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### Affiliations

- County Chamber of Commerce
- Delaware Rural Water Association
- Environmental Systems Research Institute (ESRI) Mid-Atlantic User Group
- Affiliation Number Four
- Affiliation Number Five
- Affiliation Name and Number Six
- U.S. Green Building Council (USGBC)

### Areas of Expertise

- Water / Waste-Water Engineering
- Area of Expertise Number Two
- Area of Expertise Number Three
- Area of Expertise Number Four
- Area of Expertise Number Five
- Area of Expertise Number Six
- Area of Expertise Number Seven
- Area of Expertise Number Eight
- Area of Expertise Number Nine
- Area of Expertise Number Ten
- Area of Expertise Number Eleven
- Area of Expertise Number Twelve

### Economical

We understand your bottom line. Not only are McCrone rates very competitive, but we provide the most cost-effective design solutions to our clients and put forth extra effort to keep our projects on time and within budget.

### Capacity

McCrone's branch offices are independent. Each location is able to provide a talented team of registered engineers, designers, engineering technicians, surveyors, construction engineers, and inspectors which enables McCrone to "shift workloads" as needed to meet the needs and demands of our clients. Our survey team consists of experienced, licensed surveyors, survey techs, party chiefs, drafters, and instrument technicians.

3D scanning helps reduce engineering concerns, provides an overall more accurate product, and improves communication between the designers, developers and construction personnel by allowing each individual to virtually visit the project site by "Fly-Through" panning, zooming, measuring and rotating from their computer.

### Knowledge of Regulations

Our staff makes it their business to stay ahead of changing regulations. We are following changes in stormwater and sediment and erosion control regulations to serve you better. Once any proposed new regulations have been released, we will review and constantly work to value engineer your site and keep construc.

#### Selected Staff

Team Member	Experience
Michael W. Burcham, Prof. LS Principle in Charge 30 Years Experience	Storm Water Management, Ordinance Writing, Cost Engineering, Contract Administration, Sewer, Water, Technical Assitant for Bond Issues
Stephen Layden, PE / LEED AP Project Manager 15 Years Experience	Storm Water Management, Ordinance Writing, Cost Engineering, Contract Administration, Sewer, Water, Technical Assitant for Bond Issues
Michael W. Burcham, Prof. LS Principle in Charge 30 Years Experience	Storm Water Management, Ordinance Writing, Cost Engineering, Contract Administration, Sewer, Water, Technical Assitant for Bond Issues
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### 3D Laser Scanning

- Captures and converts existing objects into a three-dimensional point cloud
- Bullet point stretching onto two consecutive lines
- Environmental Systems Research Institute (ESRI) Mid-Atlantic User Group
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### Construction Phase Services

- Resident inspection of water distribution, wastewater collection, and stormwater management
- Fitting and hydrostatic testing of large water mains
- Vacuum and pressure testing of sewer mains and structures
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### Environmental Engineering

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# 3D Terrestrial LiDAR

## Project Subhead

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*Point cloud inside a wastewater treatment plant.*

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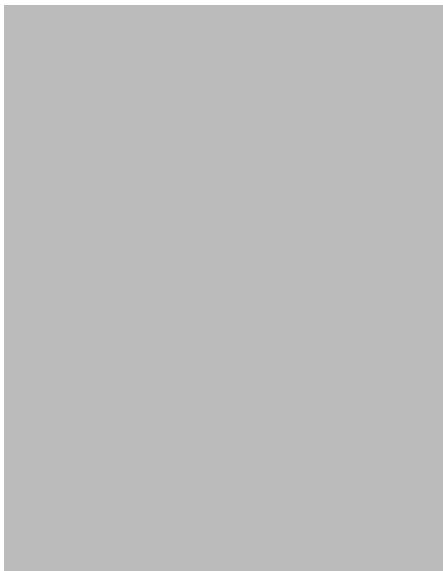
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**Blast Analysis & Risk Management**

*Delaware National Guard – Georgetown and Delaware City, DE*

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**BIM & Facilities Management**

*National Institutes of Health (NIH) – Bethesda, MD*

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# Site Engineering

FPO

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## Additional Expertise

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- Affiliation Number Five
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## Types of Projects

- Commercial
- Residential
- Mixed Use
- Institutional
- Industrial
- Recreational

## Specialties

- Unwavering Client Service
- Redevelopment
- Environmental Site Design
- Sustainable Design
- GIS Applications
- Architect and Subconsultant Coordination
- Value Engineering

## Full Range of Services

- Site Surveying
- Feasibility Studies and Concept Planning
- Road and Utility Design
- Stormwater Management Design
- LEED Consultation and Design
- Permitting and Entitlements
- Construction Administration
- Bidding Assistance
- Shop Drawing Review
- Construction Inspection
- Record Drawings and "As-Built" Surveys
- Permitting and Entitlements
- Construction Administration
- Bidding Assistance

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# Land Surveying

## Service Subhead

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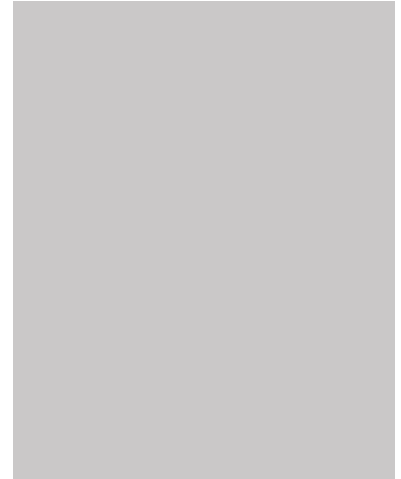
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# Water Resources

## Full Range of Services

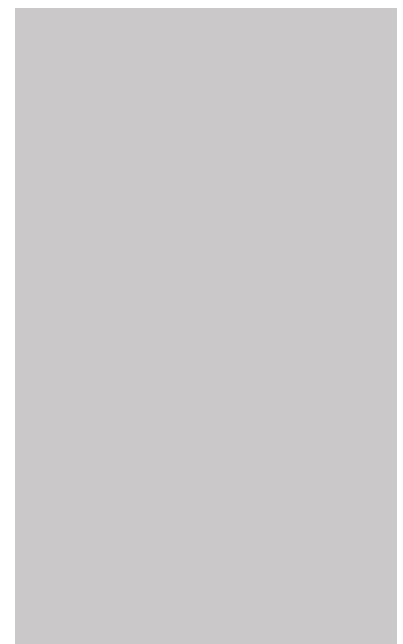
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