

J. CLARK BAGLOLE
B. Eng., P. Eng.



Area of Expertise:
**Municipal/
Environmental
Infrastructure**



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MEMBERSHIPS

- Association of Professional Engineers of Prince Edward Island (APEPEI)
- Director, Slemmon Park Corporation Board of Directors (1999-Present)
- President, Summerside Regional Development Corporation (1997-2003)
- President, Greater Summerside Chamber of Commerce (GSCC) 1990
- Chairman, Summerside Public Harbour Advisory Council 1990-1993
- Director, Canadian Council of Professional Engineers (CCPE) 1989-1990
- President, Association of Professional Engineers of P.E.I. (APEPEI) 1988
- American Water Works Association (A.W.W.A.)

EDUCATION

- 1977-1979 B. Eng. Civil - Nova Scotia Technical College (Technical University of Nova Scotia), Halifax, Nova Scotia.
- 1974-1977 Certificate of Engineering - Mount Allison University, Sackville, New Brunswick.

AWARDS

- Community Service Award - 2000 for combining a professional career with outstanding service to the Community by the Association of Professional Engineers of Prince Edward Island.
- Excellence in Engineering Award - 2004 for outstanding engineering achievement by the Association of Professional Engineers of Prince Edward Island.

PROFESSIONAL EXPERIENCE

Municipal

- Predesign, Detailed Design, Construction Inspection and Administration for a new Sewage Treatment Plant at Mill River, Prince Edward Island. Due to environmental concerns of a nearby river, the effluent was treated, stored in holding cells and discharged by irrigation on the nearby Mill River Golf Course. The system includes an aerated treatment cell, three retention cells, an irrigation discharge cell, UV disinfection, main pumping stations, and SCADA Control System.

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- Design Team Leader for a complete sewer system for the Lennox Island First Nation. Work included seven kilometres of sewer mains, a sewage treatment plant, UV system, wetlands and outfall design. Multiple lift stations were included along with relevant forcemains. This system incorporates secondary and tertiary treatment protocols with a zero point discharge technology.
- Design Team Leader for a new multimillion dollar sewage treatment facility for the City of Summerside, Prince Edward Island. Work includes activated sludge technology, sludge digestion, dewatering and secondary treatment, plus construction of water and sewer infrastructures with the production of a Class “A” sludge product capable of land application as a lime-based fertilizing product.
- Lead Designer for a new Municipal Sewer System for the Community of Sherbrooke. Work included four phases made up of a lift station, 3 kilometres of sewer main and 1.5 kilometres of forcemain.
- Design Team Leader, design of sitework, parking, water, sewer and storm systems for the City of Summerside Wellness Centre.
- Design Team Leader for the former Summerside Area Water Commission Project. Work included Hydrogeological investigations and engineering services for the exploration, design and implementation of a major expansion of the water supply, transmission and distribution system of the Summerside Area. The well field consisted of five deep well pumping systems and a total of over 22 kilometres of water mains.
- Lead Designer for the Summerside Sewage Treatment Plant Headwork Building modifications.
- Predesign, Design and Construction Management of a complete residential water supply system for the Community of Cornwall, Prince Edward Island. Five phases were involved, including deep well pumping, control systems, 13 kilometres of water mains, hydrants and pressure storage.
- Design and Construction Management for a sewerage collection system, pumping station and forcemain to provide sanitary sewer service for approximately 70 residences in the Elliot Park Subdivision, Elliot River, PEI.
- Design and Construction Management of a new Water Supply System for a new Food Processing Park at Souris, PEI. The water quality in Souris was ranked #2 in Canada in 2001.

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- Design Team Leader for the Kensington Sewage Treatment Plant Upgrade, including the design of ultraviolet disinfection equipment and a new self-priming lift station.
- Design Team Leader for a new sewage treatment facility for the Community of Kinkora, PEI. The new facility services a population of 500 people.
- Design Engineer for sewer mains, lift station, watermains and related items for the Crowbush resort located in Prince Edward Island.
- Design Engineer for the Borden-Carleton Water Supply System Upgrade which included construction of a new pump control building, booster pump, fire protection system and three new wells.
- Design Engineer for the new Miscouche Treatment Facility, PEI. Included a new lagoon, UV disinfection and a duplex sewage lift station capable of servicing a population of 800 people.
- Design Engineer for the Summerside Lagoon Upgrades. Project included changing the original sewage treatment facility from a stabilization lagoon system to an aerated lagoon system including static aerators, blowers, ultraviolet disinfection, yard piping and a process control building.
- Predesign, Design and Construction Management for a new Water Supply System for the Town of Kensington, PEI.
- Design and Construction Manager for the Summerside Forcemains projects (Phase I and II)
- Design Engineer responsible for the design of water and sewer systems for numerous subdivisions:
 - Sea Meadows Estates
 - LeFurgey Subdivision
 - Princeton Subdivision
 - Miscouche Subdivision
 - Summerside Land Assembly
 - Stafford Estates
 - Gavin Estates
- Design Engineer for Water and Sewer Systems for the new East Prince Health Facility, Summerside, PEI.
- Predesign, Design and Construction Management for an upgrade to the Cornwall Sewage Treatment Plant.
- Design and Construction Management for a new Municipal Water System, Tignish, PEI.

- Design and Construction Management for Municipal Water Supply for Compound Yard used for Construction of the Confederation Bridge.
- Design and Construction Management for South Drive Water and Sewer Systems, Summerside, PEI.

Civil Projects

- Design Team Leader for environmental studies, detailed design and Construction Management for the Summerside West End Development Project. The odour in the area had plagued the citizens for over 30 years and with the completion of the project, a new beach and boardwalk was realized. A substantial storm drainage system consisting of large diameter pipe was installed along with streetlights, sewer line re-configuration, parking lot and rest area.
- Design Team Leader for the Bluebell Storm Drainage System. Included a multitude of mid-sized to large diameter storm mains required to provide surface drainage for a large watershed area.
- Site Design for a new Wendy's Restaurant located in Summerside PEI.
- Environmental Impact Assessment Application - Province of Prince Edward Island:
 - Pisquid Bridge
 - Mount Stewart Bridge
 - Spinnaker's Landing
 - Grand River Bridge
 - Western Road
 - MacAusland's Bridge
- Design Engineer for site and servicing for the new City of Summerside City Hall Expansion.
- Environmental Investigations for Commercial Ventures at MacAusland Woolen Mills and Abegweit Seafood Ltd. PEI.
- Phase I Initial Environmental Assessment (EARP) for Animal Plant Health Laboratory, PEI.
- Summerside Mall oil spill cleanup.

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Studies

- Feasibility Study on the Development of a Crown Owned Water and Wastewater Utility Corporation, Province of Prince Edward Island.
- Kensington Sewage Treatment Plant Investigation.
- Lagoon Study, City of Summerside.
- Water System Computer Modelling for City of Summerside and Town of Kensington.
- Various Studies during the Predesign Process of the Confederation Bridge including Dredging Component related to Fisheries and a Fisheries Investigation.
- Cornwall Water System Supply Study.
- Numerous applications for various communities for Utility Rate Setting Applications to Island Regulatory and Appeals Commission.
 - Borden-Carleton Water & Sewer Utility - 2004
 - Kensington Water and Pollution Control Corporation - 2006