

# Kelly Maher

## **Environmental Scientist**

Bridgewater, NS B4V0V8

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Check out my online resume at <http://kellymaher.ca>

A highly motivated and dynamic environmental scientist with over 10 year's experience in environmental remediation and water resource management. Proven ability to problem solve difficult field situations and provide scientific analysis and interpretations for client reports and government environmental assessments.

### Strengths

Problem Solving

Extensive Field Experience

Budget Management

Experience With Management of Sub-Contractors

Data Grooming and Analysis

Quality Assurance/Quality Control Measures

## Work Experience

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### **Inspector Specialist (Environment)**

Province of Nova Scotia - Bridgewater, NS

February 2020 to Present

- conducting inspections and audits of facilities to enforce regulations and compliance with approvals,
- responding to environmental emergencies during and after normal working hours,
- conducting investigations of complaints gathering detailed information for reports,
- testifying and gathering evidence for court appearances,
- promoting compliance by holding educational sessions in the community,
- writing letters, reports and preparing ministerial briefings,
- explaining technical concepts to a wide variety of audiences,
- writing terms and conditions for approvals

### **Water Resources Technologist**

Quinte Conservation - Kingston, ON

2017 to Present

- Manage and maintain database for water quality and quantity
- Organize and maintain dam operations and water level data storage
- Maintain the gauge network and carryout upgrades and expansions
- Assist with inspection of water control structures, infrastructure rehabilitation and perform water control operations
- Project management of repairs or other water control related projects
- Install and maintain staff gauges for surface water monitoring

## **Engineering Technologist**

Utilities Kingston, Inspection & Support - Kingston, ON

2017 to 2017

- Provide management and oversight on multiple infrastructure projects (water & wastewater)
- Conduct site inspections of capital construction projects to ensure compliance
- Preparation of tenders Request for Proposals and Requests for Quotations
- Collect field data using latest GPS technology, undertake field surveys and complete as-built AutoCAD drawings
- Water sampling for the protection of human health

## **Environmental Scientist**

Water Resource Management Division, Government - Happy Valley-Goose Bay, NL

2014 to 2016

- Led water quality monitoring program in Labrador Region
- Manage drinking water quality monitoring and reporting program for over 15 remote communities
- Monitoring and reporting ambient water quality of over 30 lakes, river, and ponds through sample collection, data analysis and interpretation
- Participated in the design, development, operation, and maintenance of ambient water quality and real time water quality monitoring networks under the Canada-Newfoundland and Labrador Water Quality Monitoring Agreement (Federal Government Partnership)
- Liaised with provincial and federal government departments, municipalities and other stakeholders
- Trained industry partners in real time water quality network and instrument calibration

## **Environmental Scientist**

Golder Associates Ltd - Toronto, ON

2013 to 2014

- Coordinated multiple projects and provided oversight of remediation contractors
- Managed multiple sampling programs for several types of media (soil, surface water, groundwater, mold and structural materials [asbestos])
- Experience in Environmental Site Assessment Reporting (Phase I & II)

## **Environmental Consultant**

CH2M, Environmental Business Group - Toronto, ON

2010 to 2013

- Performed site characterization and investigation on remediation sites
- Coordinated onsite project work with employees and oversight of remediation contractors
- Management of waste including hazardous and toxic wastes (manifest waste)
- Performed environmental sampling of soil, wastewater, surface water and groundwater
- Collected, compiled and analyzed sample and field data in an organized manner for reports and proposals
- Assisted with Environmental Compliance Approval (ECA) applications

## **Environmental Field Assistant**

Royal Military College, Environmental Sciences Group - Kingston, ON

2010 to 2010

- Lived and worked in remote location for 2, one-month rotations
- Collected water and soil samples in remote environments
- Kept accurate field notes and photographic documentation of on-site work
- Performed laboratory analysis of soil samples (eg: Petro Flag Test Kit, PCB Test Kit, and XRF Metals screening)
- Performed quality assurance and quality control on samples and recorded in database
- Organized, packed, completed chain of custodies, and shipped samples to southern laboratory for further analysis
- Edited AutoCAD maps detailing sampling and contamination

## Education

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### **Certificate in Integrated & Adaptive Water Resources Planning**

McGill University

2016

### **Post Graduate Certificate in Environmental Engineering Applications**

Conestoga College - Kitchener, ON

2009 to 2010

### **B.Sc. in Biological Science B.Sc**

University of Guelph - Guelph, ON

2004 to 2008