



RIVERSTONE

ENVIRONMENTAL SOLUTIONS INC.

Jeremy Prah, B.Sc., Dip. RFW, EPt
Ecologist

CAREER AND ACADEMIC HISTORY

2010 - Present	Ecologist, RiverStone Environmental Solutions Inc.
2009 - 2010	Ecological Monitoring Technologist, School of Environment and Geomatics, Selkirk College, Castlegar, BC
2009	Research Assistant, Forest Sciences Section, BC Ministry of Forests, Lands and Natural Resource Operations, Kootenay/Boundary Region, BC
2009	Woodlot Technologist, School of Environment and Geomatics, Selkirk College, Castlegar, BC
2008 - 2010	Diploma, Selkirk College, Recreation, Fish & Wildlife Technology, Castlegar, BC
2005 - 2008	Data Management Assistant, Communicable Disease Surveillance Unit, Simcoe Muskoka District Health Unit, Barrie, ON
2004 - 2005	Field Team Leader, West Nile virus Program, Simcoe Muskoka District Health Unit, Barrie, ON
2000- 2004	B.Sc. (Hons.), University of Guelph, Biological Sciences, Guelph, ON

PROFESSIONAL EXPERIENCE

The following is a partial list of project experience for 2003–2011.

Ecological Site Assessments & Environmental Impact Studies/Statements

- Environmental Assessment of sediment contamination in the **Township of Severn**; *for Township of Severn*; **Key Tasks:** sediment-sampling, assessment of contaminants, determination of disposal for material from a marina dredging and improvements project
- Assimilative Capacity Assessment for proposed expansion of an industrial facility in the **Regional Municipality of Niagara**; *for private client*; **Key tasks:** review and management of existing information, meeting with regulatory agency staff, site assessment and report writing to facilitate an environmental compliance approval amendment
- Fish Habitat Impact Assessment and Creek Channel Design in the **City of Barrie**; *for City of Barrie*; **Key Tasks:** stream assessment, identification of fish habitat, data management, and analysis of impacts and mitigation measures for road reconstruction and park improvements project
- Fish Salvage in the **Town of Bradford West Gwillimbury**; *for the Town of Bradford West Gwillimbury*; **Key Tasks:** fish habitat assessment; fish salvage, to facilitate reconstruction of Holland Marsh drainage canal system

- Environmental Impact Statement for property on Skeleton Lake in the **Town of Huntsville**; *for private client*; **Key Tasks:** detailed soils analysis, identification of significant natural heritage features, locate suitable development envelopes, report writing and analysis of impacts and mitigation measures to facilitate single-lot severance
- Site Evaluation Report for property in the **Municipality of Algonquin Highlands**; *for private client*; **Key Tasks:** terrestrial inventory including geomorphology, slopes, soils, and internal/external drainage, report writing and analysis of impacts and mitigation measures for a proposed single-lot severance
- Environmental Impact Statement for property in the **Township of Muskoka Lakes**; *for private client*; **Key Tasks:** data management, targeted Species at Risk survey and habitat assessment to facilitate licensing of quarry under *Aggregate Resources Act* and avoidance of habitat protected under *Endangered Species Act, 2007*
- Environmental Monitoring for property in the **City of Kawartha Lakes**; *for private client*; **Key Tasks:** data management, conducting targeted Species at Risk radio telemetry study and habitat assessment to facilitate licensing of quarry under *Aggregate Resources Act* and avoidance of habitat protected under *Endangered Species Act, 2007*
- Environmental Impact Statement for property on Doe Lake in the **Town of Gravenhurst**; *for private client*; **Key Tasks:** project management, fish habitat assessment; impact analysis and development of mitigation plan, and assessment of policy compliance to facilitate multi-lot severance and zoning amendment
- Site Evaluation Report for property on Kawagama Lake in the **Township of Havelock**; *for private client*; **Key Tasks:** detailed soils analysis, identification of significant natural heritage features and report writing support to facilitate single-lot severance

Water Quality Impact Assessments

- Water Quality Impact Assessment on Trout Lake in the **City of North Bay**; *for private client*; **Key Tasks:** detailed soils analysis, identification of significant natural heritage features, locate suitable development envelopes, and analysis of impacts and mitigation measures for development associated with a single lot severance on a highly sensitive water body.
- Water Quality Impact Assessment on Sturgeon Bay in the **Township of the Archipelago**; *for private client*; **Key Tasks:** detailed soils analysis, identification of significant natural heritage features, locate suitable development envelopes, and analysis of impacts and mitigation measures for development on an identified highly sensitive waterbody
- Phase 2 Water Quality Impact Assessment on Lake Joseph in the **Township of Muskoka Lakes**; *for private client*; **Key Tasks:** detailed soils analysis, identification of significant natural heritage features, locate suitable development envelopes, and analysis of impacts and mitigation measures for development on an identified over-threshold waterbody
- Phase 1 and Phase 2 Water Quality Impact Assessment on Ril Lake in the **Township of Lake of Bays**; *for private client*; **Key Tasks:** detailed soils analysis, identification of significant natural heritage features, locate suitable development envelopes, and analysis of impacts and mitigation measures for single lot severance and development on identified over-threshold waterbody
- Phase 2 Water Quality Impact Assessment on Lake Joseph in the **Township of Muskoka Lakes**; *for private client*; **Key Tasks:** detailed soils analysis, identification of significant natural heritage features, locate suitable development envelopes, and analysis of impacts and mitigation measures for single lot severance and development on identified over-threshold waterbody
- Phase 2 Water Quality Impact Assessment on Loon Lake in the **Town of Gravenhurst**; *for private client*; **Key Tasks:** detailed soils analysis, identification of significant natural heritage features, locate suitable

development envelopes, and analysis of impacts and mitigation measures for single lot severance and development on identified over-threshold waterbody

- Phase 2 Water Quality Impact Assessment on Lake Joseph in the **Township of Muskoka Lakes**; *for private client*; **Key Tasks:** detailed soils analysis, identification of significant natural heritage features, locate suitable development envelopes, and analysis of impacts and mitigation measures for single lot severance and development on identified over-threshold waterbody
- Phase 2 Water Quality Impact Assessment on Three Mile Lake in the **Township of Muskoka Lakes**; *for private client*; **Key Tasks:** detailed soils analysis, identification of significant natural heritage features, locate suitable development envelopes, and analysis of impacts and mitigation measures for single lot severance and development on identified over-threshold waterbody
- Phase 1 and Phase 2 Water Quality Impact Assessment on Three Mile Lake in the **Township of Muskoka Lakes**; *for private client*; **Key Tasks:** detailed soils analysis, identification of significant natural heritage features, locate suitable development envelopes, and analysis of impacts and mitigation measures for single lot severance and development on identified over-threshold waterbody
- Phase 1 and Phase 2 Water Quality Impact Assessment on Lake Joseph in the **Township of Muskoka Lakes**; *for private client*; **Key Tasks:** detailed soils analysis, identification of significant natural heritage features, locate suitable development envelopes, and analysis of impacts and mitigation measures for single lot severance and development on identified over-threshold waterbody
- Phase 2 Water Quality Impact Assessment on Medora Lake in the **Township of Muskoka Lakes**; *for private client*; **Key Tasks:** detailed soils analysis, identification of significant natural heritage features, locate suitable development envelopes, and analysis of impacts and mitigation measures for single lot severance and development on identified over-threshold waterbody
- Phase 2 Water Quality Impact Assessment on Rosseau Lake in the **Township of Muskoka Lakes**; *for private client*; **Key Tasks:** detailed soils analysis, identification of significant natural heritage features, locate suitable development envelopes, and analysis of impacts and mitigation measures for single lot severance and development on identified over-threshold waterbody

Aquatic Studies and Ecological Monitoring

- Fish Salvage project for boat access canal in **Cook's Bay, Lake Simcoe**; *for private client*; **Key Tasks:** obtain necessary permits and authorizations, species identification and enumeration, conduct boat electroshocking to remove fish from a canal prior to dredging activities.
- Fisheries Inventory of Sage Creek in the **Town of Bracebridge**; *for private client*; **Key Tasks:** conducted fisheries inventory and data management to aggregate expansion proposal
- Muskoka Lakes Association Water Quality Initiative Program in various townships of the **District of Muskoka**; *for the Muskoka Lakes Association*; **Key Tasks:** volunteer training and coordination, project management, providing scientific and technical guidance, directed analysis of yearly water quality program, and educational support
- Lake Capacity Assessment Modelling for Kernick Lake in the **Township of Armour**; *for private client*; **Key Tasks:** project management, aquatic habitat and limnological assessment to facilitate development expansion
- Fish Habitat Assessment on the Joseph River in the **Township of Muskoka Lakes**; *for private client*; **Key Tasks:** fish habitat assessment, impact analysis, development of mitigation plan, and assessment of policy compliance to facilitate shoreline development
- Fisheries Inventory on the Magnetawan River in the **Township of Perry**; *for WEC Ltd.* **Key Tasks:** conducted fisheries inventory and data management to facilitate hydroelectric dam proposal

- Aquatic Monitoring in West Kootenay region of **British Columbia**; *for Selkirk College*; **Key Tasks**: stream temperature monitoring, aquatic habitat assessment and data management
- Soil Productivity Monitoring in Kootenay/Boundary region of **British Columbia**; *for BC Ministry of Forests, Lands and Natural Resource Operations*; **Key Tasks**: forest health assessment, vegetation inventory, soil sampling and invasive plant management
- Woodlot Management in West Kootenay region of **British Columbia**; *for Selkirk College*; **Key Tasks**: stream classification, silviculture prescription, tree planting and surveying
- Wetland Assessment in the **County of Simcoe and District of Muskoka**; *for Simcoe Muskoka District Health Unit*; **Key Tasks**: wetland assessment and specimen collection for West Nile virus research

Relevant Certification or Training Courses

2010	Advanced Design of On-Site Wastewater Treatment Systems, Ontario Rural Wastewater Centre
2010	Ontario Stream Assessment Protocol (OSAP) Certification, Ontario Ministry of Natural Resources
2010	Class 2 Backpack Electrofishing - Crew Leader, Ontario Ministry of Natural Resources
2010	Avalanche Skills Training Level 2, Canadian Avalanche Association
2009	Electrofishing: Theory, Safety and Uses - Crew Supervisor, Vancouver Island University
2007	Environmental Professional In-Training Certification (EPt), Canadian Environmental Certification Approvals Board