

**ONTARIO WATERPOWER
ASSOCIATION – REQUEST FOR
QUALIFICATIONS**

SUBJECT MATTER EXPERT
FISH SAMPLING



July 9, 2014

ONTARIO WATERPOWER ASSOCIATION – REQUEST FOR QUALIFICATIONS

Fish Sampling Expertise

July 2014

<p>Lisa Ramilo M.Sc. Aquatic Ecologist, Project Manager</p>		
Individual Name	Contact Information	Member of Waterpower Association
<p>Lisa.Ramilo Lisa.Ramilo@stantec.com</p>	<p>Stantec Consulting Ltd 70 Southgate Drive, Suite #1 Guelph ON N1G 4P5 Phone: (519) 836-6050 Fax: (519) 836-2493</p>	<p>✓</p>
Description of Expertise & Experience		
<p>Fish Sampling Expertise (max 100 words)</p> <p>Lisa is an Aquatic Ecologist and Project Manager with 19 years of environmental consulting experience. Her area of expertise involves conducting aquatic resource inventories and aquatic impact assessments, and developing mitigation and compensation for projects affecting fish habitat. Lisa's primary responsibilities involve all aspects of project management, including proposal development, study design, field implementation, data management, statistical analysis, report writing, and client and agency liaison. Her waterpower experience includes fisheries resource inventories, spawning shoal monitoring, and habitat assessments focused on fisheries data collection to assess the success of mitigation measures and potential post-construction impacts to the aquatic environment.</p>		
<p>Hydroelectric Sector Experience (max 100 words)</p> <p>Between 1999 and 2014, Lisa has managed and implemented several post-construction biological monitoring programs throughout Northeastern Ontario for the Hydroelectrical Power Industry, including Algonquin Power (i.e., Years 3, 5 and 10 post-impoundment study for the Long-Sault Generating Station on the Abitibi River) and Brookfield Renewable Energy Group (i.e., Years 5, 10 and 18 post-impoundment study for the Shekak-Nagagami Generating Station on the Shekak-Nagagami River). She has been involved in the field implementation of fisheries resource inventory and baseline studies throughout the Mattagami River and Groundhog River for Canadian Hydro and Ontario Power Generation.</p>		

* denotes projects completed with other firms

Lisa has over 19 years of aquatic monitoring experience in the waterpower, mining, and pulp and paper industries. Her predominant role is in the facilitation of study design & implementation, data management, statistical analysis, proposal development and report writing. Between 1999 and 2014, Lisa has managed and implemented several post-construction biological monitoring programs throughout Northeastern Ontario for the Hydroelectrical Power Industry, including Algonquin Power (i.e., Years 3, 5 and 10 post-impoundment study for the Long-Sault Generating Station on the Abitibi River) and Brookfield Renewable Energy Group (i.e., Years 5, 10 and 18 post-impoundment study for the Shekak-Nagagami Generating Station on the Shekak-Nagagami River). She has been involved in the field implementation of fisheries resource inventory and aquatic baseline studies throughout the Mattagami River and Groundhog River for Canadian Hydro and Ontario Power Generation. This work involved fisheries resource inventories, spawning shoal mitigation and monitoring, environmental impact studies, and fisheries and aquatic habitat assessments. Project tasks included the collection of fisheries field data to assess the success of mitigation measures and potential post-construction impacts to the aquatic environment.

EDUCATION

M.Sc. Aquatic Toxicology, University of Saskatchewan / Toxicology, Saskatoon, Saskatchewan, 2011

B.Sc. Environmental Biology (Honors), University of Guelph, Guelph, Ontario, 2008

Terrain & Water Technologist Diploma, Sir Sandford Fleming College, Lindsay, Ontario, 1994

Class 2 Electrofishing Certificate / Ministry of Natural Resources, Guelph, Ontario, 2008

Certified Pleasure Craft Operation, Gatineau, Quebec, 2005

St. John Ambulance / First Aid and CPR, Guelph, Ontario, 2013

PROJECT EXPERIENCE

Hydropower Projects

Brookfield Renewable Energy Group - Year 18 (2013) Post-Impoundment Biological Monitoring Study for Shekak-Nagagami Generating Station, Hearst, Ontario (Aquatic Ecologist / Project Manager)

Brookfield Power - Year 10 (2005) Post-Impoundment Biological Monitoring Study for the Shekak-Nagagami Generating Station, Hearst, Ontario (Aquatic Ecologist)

Brookfield Power - Year 5 (2000) Post-Impoundment Biological Monitoring Study for the Shekak-Nagagami Generating Station, Hearst, Ontario (Aquatic Ecologist)

Algonquin Power - Year 10 (2007) Post-Impoundment Biological Monitoring Study for the Long-Sault Generating Station, Cochrane, Ontario (Aquatic Ecologist / Project Manager)

Algonquin Power - Year 5 (2002) Post-Impoundment Biological Monitoring Study for the Long-Sault Generating Station, Cochrane, Ontario (Aquatic Ecologist)

Algonquin Power - Year 3 (2000) Post-Impoundment Biological Monitoring Study for the Long-Sault Generating Station, Cochrane, Ontario (Aquatic Ecologist)

Canadian Hydro - Yellow Falls Hydroelectric Project Baseline Study, Smooth Rock Falls, Ontario (Aquatic Ecologist)

Ontario Power Generation - Little Long Reservoir Lake Sturgeon Population Assessment*, Kapuskasing, Ontario (Aquatic Ecologist)

Fisheries Management

Hudbay Mining Inc. - Environmental Effects Monitoring (EEM) Biological Monitoring Studies from 2002 to 2014, Flin Flon and Snow Lake, Manitoba (Aquatic Ecologist / Project Manager)

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