

Marie Lagimodiere M.E.S, R.P.Bio.

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PROFILE

Professional Biologist and Project Manager with 20+ years experience, primarily in environmental assessment, regulatory permitting processes, aquatic monitoring, environmental and watershed management initiatives and associated technical writing

SUMMARY OF QUALIFICATIONS

- Twenty years experience in project management, environmental assessment, regulatory permitting processes, fish and fish habitat, multi-stakeholder monitoring and environmental management initiatives, and watershed planning
- Experienced in working with Industry, Government, and First Nation and Métis Communities
- Strong technical writing and editing skills

EDUCATION AND PROFESSIONAL AFFILIATIONS

Master of Environmental Studies, University of Waterloo, 1994 – thesis in wetland ecology
Bachelor of Science (Honours) Biology, University of Saskatchewan, 1990

Member, College of Applied Biology, British Columbia
Member, Métis Nation of Alberta

Traditional Ecological Knowledge in Environmental Assessment, Banff Centre, 2001
Permaculture (Ecological) Design Certificate, Occidental Arts & Ecology Centre, 2000
Risk Communication Fundamentals and Introduction to Conflict Resolution, Calgary, 1998

SELECTED EXPERIENCE

Strategy, Regulatory & Environmental Impact Assessments

- Provide strategic advice to First Nation and Métis clients regarding provincial and federal regulatory processes, interfacing with industry and government, environmental mitigation agreements, impact benefit agreements
- Project Manager for the OPTI Long Lake and Petro-Canada Meadow Creek Steam-Assisted Gravity Drainage (SAGD) Environmental Impact Assessments. These assessments involved up to 12 environmental and social disciplines and co-ordinating a team of more than 70 people. Participated in consultation with industry client with First Nations, Métis, local communities, regulators, industry and other stakeholders.
- Coordination of technical reviews of oil sands and related infrastructure EIA terms of reference, applications and EIAs (2003 to present). Conducted EIA reviews of Suncor Voyageur Upgrader and North Steepbank Mine, Total Joslyn Mine, Albian Muskeg River Mine Expansion, Husky Sunrise Thermal Project,

Imperial Kearn Project, Petro-Canada MacKay Project Expansion, Petro-Canada Fort Hills Amendment and numerous pipeline and transmission line projects

- Led a Community-specific environmental assessment of a mining project examining environmental, social, cultural and traditional land use impacts of industrial development
- Technical review of a diamond mine environmental assessment proposed near Prince Albert, Saskatchewan

Aquatic Resources

- * Manager (1998 to 2000) of an Aquatic Ecology Group of 20 to 25 staff at an environmental consulting company: responsible for liaison with office management team, workload allocation and staffing/human resources issues.
- * Environmental Impact Assessments (EIAs) – Lead Fisheries Biologist for several EIAs including the Steepbank, Aurora and Muskeg River Oil Sands Mines, the True North Project and Project Millennium, and Nova Chemicals Joffre Plant Expansion. Coordinated and reviewed the fisheries components of the Firebag, Long Lake, Meadow Creek and Blackrock SAGD Projects. Presented aquatics information at numerous community meetings, open-houses and regulatory workshops.
- * Reviewed water quality sections of several oil sands EIAs on behalf of Fort McKay Industry Relations Corporation (IRC) including, Suncor South Tailings Pond, Deer Creek Phase 1 In-situ, Husky Sunrise Thermal In-situ, Birch Mountain Muskeg River Quarry
- * Oil Sands Regional Aquatic Monitoring Program (RAMP) – Project Manager for RAMP from 1996 until 2001. During this time I was involved in all aspects of the program including consultation, study design, field programs, data compilation, writing and document review.
- * Aquatic Ecology - Completed more than 100 aquatic and fisheries projects including: proposals, study design, field programs, regulatory approval and consultation, and fish habitat compensation plans for projects ranging from \$10,000 to \$2,000,000. Projects were for aquatic issues related to the oil sands, pipeline, forestry, mining and chemical industries and included fish habitat, fish health, water quality, benthic invertebrate, hydrology and wetlands components.

Work with First Nations and Métis Communities

- * Strategic advice and support regarding regulatory process, consultation with government and industry, negotiation of impact benefit type agreements
- * Participated in the development of the Community of Fort McKay's Healing the Earth Strategy, Fort McKay Specific Assessment, and other Community-led projects
- * First Nations Environmental Assessment Technical Working Group (FNEATWG) – technical writer and editor for the First Nations Environmental Assessment Toolkit, BC
- * Use and Occupancy Mapping
 - * Prepared non-verbatim transcripts of land use and occupancy map biography sessions for the Algonquins of Barrier Lake and the Wolf Lake First Nation. Compiled data and produced manual composite maps

- * Apprenticed with Terry Tobias in Use and Occupancy Mapping Project for the Doig River First Nation including detailed data collection, interviewing and mapping.

Multi-Stakeholder Forums

- * Participated (2002 until 2006) in the Cumulative Effects Monitoring Association (CEMA) Surface Water Working Group (SWWG), Water Quality Task Group (WQTG), Water Management Task Group and Watershed Integrity Task Group (WITG), and End Pit Lake Task Group
- * Participated in the Regional Aquatic Monitoring Program (RAMP) Steering Committee, chaired the Technical Subcommittee, and participated in the fisheries, water quality and wetlands subcommittees (1996 to 2001 as primary consultant; 2002 to 2004 as representative of Aboriginal community)
- * Fish Element Team Lead, Alberta Sustainable Resource Development, Lower Athabasca Region land use planning process
- * Participated in conceptual design workshops with U.S. and Canadian government regulators for Great Lakes Lake-wide Management Plans (LAMPs)

Technical Writing and Editing

- * Technical writer and editor - First Nations Environmental Assessment Technical Working Group; First Nations Environmental Assessment Toolkit. Final re-write and edit of 500 page Toolkit (2002) including coordination of layout and printing. Subsequent edit and coordination of layout for Section 13 (2007) and an update of the Toolkit (2009).
- * Project manager & editor – Fort McKay Sustainability Dept. – coordination, compilation and editing of numerous multi-disciplinary technical reviews of environmental assessments, which are submitted to regulatory agencies as part of an Aboriginal community's participation in the regulatory process.
- * Technical Writer – Bow River Basin Council; State of the Bow River Basin – 2005 Report, Bow River Basin Council
- * Technical Writer – Environment Canada; Stage 1 Reports, Lake Erie and Lake Ontario Lakewide Management Plans and sections of 1995 State of the (Lake Ontario) Basin Report
- * Technical writer and editor - Oil Sands Environmental Impact Assessments – Writing, editing and project completion for several large oil sands mining and SAGD EIAs. Developed table of contents, document structure and editorial conventions. Wrote EIA introduction and methods sections and summaries. Edited component (air, groundwater etc.) sections for clarity, grammar, consistency and cross-references.

CAREER HISTORY

Owner and Principal Consultant, 2002 to current
Lagimodiere Finigan Inc. (formerly Lagimodiere & Associates Inc.)

Senior Project Manager, Oil Sands Team, 2000 to 2002

Aquatic Ecology Group Manager, 1998 to 2000 and Aquatic Biologist, 1995 to 2002
Golder Associates Ltd.

Aquatic Biologist/Technical Writer, 1994 to 1995
Environment Canada

Transcriber and Interviewer, periodic contracts from 1992 to current for
Terry Tobias, Use and Occupancy Research Specialist

Graduate Teaching Assistant/Research Assistant, Sept. 1991 to May 1994
University of Waterloo, Dept. Environment and Resource Studies

Aquatic Field Technician, May 1991 to Sept. 1991
Sentar Environmental Consultants

Fisheries Biologist, May 1990 to Sept. 1990
Government of Saskatchewan, Environment and Resource Service