

Rebecca Martin, PAg - Registrant Board Member, District 1

My name is Rebecca Martin, I am one of your two elected Registrant Board Members for Area 1. I reside in Prince George and have been employed in the environmental industry with SLR Consulting (Canada) Ltd. for over 20 years prior to which I was employed in the field of natural resources by the BC Buildings Corporation, the BC Forest Practices Board, Industry, and nonprofit sector. I graduated from UNBC in 2003 with a BSc. in Natural Resource Management with a major in Forestry and a minor in Environmental Planning. The bulk of my experience over the past 20 years includes contaminated site assessment, investigation and remediation, land quality assessments, facility discharge permitting, spill response, soil movement, and permit compliance and review.

I have been a registrant of the BCIA since 2007. I was first elected as a Board Member in October 2016 and officially began my term following the Provincial AGM in May 2017. Over the years I have served in an official capacity on the Cariboo Central Interior (CCI) Branch Executive where I held positions between 2010 and 2017. Prior to being elected as a Board Member by the CCI Branch, I was appointed by my peers to represent the Branch as a member of the Strategic Planning Working Group which was key in the development BCIA's current 5-year Strategic Plan. During my time on the Board, I have filled the position of Council representative on the Audit and Professional Practice Review Committee (2017 to 2020), Board Treasurer (2018 to 2022), and I am the current Board Chair. I have and continue to act as a mentor and have continued to serve as a PD auditor for the institute since 2020.

I am committed to serving our profession by through transparent stewardship of the BCIA and the protection of the public interest as outlined in the Professional Governance Act (SBC 2018). It is the Board's duty to provide oversight, strengthen our governance, make strategic decisions, ensure financial and operational viability, and set policy. I have and will continue to serve in this requirement.

It has been a great honor to participate in our profession great strides in achieving practice rights, but with these rights there is immense work to oversee as we develop our new practice standards, as well as joint professional practice guidelines for areas of practice that align with other regulators. There remains an immense amount work ahead of us as we continue to make sure decisions affecting BC's natural resources are science-based, transparent, and protect the BC's unique environment for future generations. To both my professional and personal associations, I endeavor to be ethical and transparent at all times. I encourage inclusive conversations, appreciate other perspectives on important issues, and believe that diversity of opinion helps foster better decision-making.

Rebecca has over 21 years of experience as an environmental consultant with SLR, working from the Prince George office. She has extensive experience relating to contaminated site assessment and remediation projects, with specialty in hydrocarbon impacted sites in the downstream oil and gas sector.

Rebecca is a senior project manager directing large teams comprised of technical experts located across North America. Her duties and responsibilities include workload prioritization, project resource management, work scheduling, mentorship and training, health and safety leadership, and collaboration with SLR's Team Leads in other offices to ensure staffing resource needs and deliverable commitments are met.

As a project manager, and field supervisor, Rebecca has completed over 200 Phase I and II Environmental Site Assessments (ESAs) and/or remediation and decommissioning programs in support of business and property transactions, reviewing and monitoring the environmental integrity of sites, spill response, or as planning support for residential and commercial redevelopments. Rebecca's portfolio is currently focused on decommissioned legacy sites with complex issues. To address the large budget requirements and/or long-time frames she skilled in developing detailed long-range planning tools that present her clients with a clear path forward, supported by sound technical advice and appropriate costing required to achieve successful site closure.

Rebecca has worked on projects for petroleum industry clients for over 20 years and been involved in the management of all aspects of Phase I and II ESAs, including the long-term monitoring of sites; remediation and site closure activities. Several of these sites were successfully brought to closure achieving both Numerical and Risk-based Certificates of Compliance.

Education

- B.Sc. Natural Resource & Environmental Sciences, University of Northern British Columbia, 2003

Project Experience

Phase I Environmental Site Assessments

Project Manager & Field Supervisor

Conducted over 50 Phase I ESAs involving collection/review of historical records as well as site reconnaissance for residential, commercial and light industrial facilities throughout BC. Projects have been completed for various public and private landowners such as Suncor, Husky, the City of Prince George, The BC Ministry of Transportation and Infrastructure, insurance companies, mortgage companies and banks such as RBC, and commercial businesses such as Canadian Forest Products, as well as private individuals.

Phase II Environmental Site Assessments

Project Manager

Conducted over 50 Phase II ESAs in BC at various downstream and midstream oil and gas facilities, commercial, industrial, residential and government sites. Experience includes client, contractor and regulator liaison, desktop searches, historic file reviews, work plan development, supervision of junior staff, budget management, H&S planning and management, and technical report writing. Rebecca's experience includes downstream petroleum service stations and bulk plants, mid-stream storage and refining facilities, and industrial facilities. Rebecca has

completed projects for a wide variety of clients including Suncor, Husky Canadian Petroleum Marketing Partnership, the City of Prince George, and the BC Ministry of Transportation and Infrastructure.

Field Supervisor

Rebecca has supervised and completed over 100 intrusive investigations and environmental assessment on a variety of operational and former industrial and commercial sites in British Columbia, including retail service stations, bulk plants, commercial properties, landfills, and wood processing facilities. Experience includes different drilling techniques (rotary, direct push, and diamond drilling in both soil and bedrock), test pitting, various contaminants of potential concern (hydrocarbons, heavy metals, chlorinated solvents, salinity, and buried waste such as Agent Orange, management of health and safety on site, sub-contractor supervision, client/site management liaison including conducting site meetings with regulatory bodies, and supervision of 'off-site' borehole drilling on third party properties.

Site Remediation/ Facility Upgrades

Project Manager & Field Supervisor

Currently managing multiple complex legacy sites in northern BC, including High-risk sites that have been successfully removed from the registry. One of these sites is located in a mixed commercial / residential area surrounded by drinking water wells. The management of this site involves a team of specialists (Contaminated Sites Approved Professional, Principal Hydrogeologist, Remedial Engineer, Risk Assessor and Field Coordinator). A large-scale groundwater containment/treatment system was conceptualized, constructed and installed at the site for the purpose of capturing and treating impacted groundwater and to prevent contaminant migration to drinking water wells near the site. Multiple pilot programs have been conducted at the site, including the use of electrokinetic technology, pneumatic emplacement (fracturing), and nutrient injection to evaluate the effectiveness of remediating hydrocarbons in clay soils.

Project Manager / Senior Technical Advisor

Rebecca has managed the permitting process for over 15 Waste Discharge Authorizations issued through the BC ENV and over seen the commissioning of several remedial systems in complex mixed-use locations (industrial/commercial and residential neighbourhoods, etc.). System have been designed to reduce the hydrocarbon concentrations in soil and groundwater at the site of both operational and decommissioned downstream oil and gas sites where the plumes extend across multiple utility rights-of-way (including a high-pressure natural gas main), city, regional and provincial road rights-of-way and multiple residential properties (many with drinking water wells).

Hazardous Waste Management, Liability Estimates and Auditing

Project Manager, Senior and Technical Advisor of HW facilities located in Northern BC

Facility Permitting – ongoing responsibility to work closely with the BC ENV on an annual basis to review and update the facilities' existing permits and/or authorizations.

Compliance testing and annual monitoring and sampling program, involving ground and surface water monitoring and sampling, soil storage pile sampling for classification and delisting purposes, site auditing to ensure compliance with the facilities' OPs, and annual reporting including the facilities' waste volume tracking for the BC ENV.

Project Manager, ARO Liability Estimate for major Petro-chemical Client

Rebecca was part of a team that estimated the remediation liability associated with major petroleum facilities across Canada. Reviewed background soil and water data and reports, and prepared ARO estimates of remediation liability for the decommissioning off the facility.

Site Closure / Regulatory Submissions

Project Manager, Various Clients, BC Regulatory Documents

Rebecca has prepared numerous regulatory submissions and applications under the BC Contaminated Sites Regulation, including Notification of Independent Remediation, Notification of Offsite Migration forms and Site Risk Classification Reports.

Technical Summary Reporting, and Senior Review

Rebecca has completed numerous Certificate of Compliance and Determination report submissions to the Ministry of Environment for various sites and completed summary reporting in support of Human Health and Ecological Risk Assessment submissions, and senior review of Numerical submissions.

Environmental Permitting and Desktop Permit Compliance Review

Project Manager, Multiple Waste Discharge Permit Desktop Compliance Reviews / Audits

Rebecca has completed multiple waste discharge permit compliance reviews across Canada for several wood products facilities prior to acquisition of the facility by SLR's client. The permits and waste discharge compliance of multiple facilities was completed including assessment of compliance with Provincial and Federal guidelines, permits, and requirements. Duties included completing technical summary reports and assisting with the identification of the deficiencies observed including whether any permit conditions were not being met and assessing the degree of non-compliance of each facility. Reviews also covered compliance with the National Pollutant Inventory Release program.

Memberships and Associations

Rebecca is a Professional Agrologist with the BC Institute of Agrologists, since 2007; currently serving a third term as Provincial Director, representing Electoral Area 1 (Central Interior, Peace, and Kootenay areas). In addition, Ms. Martin fulfils the following additional roles within the BCIA: Board Chair & Executive Committee member, and conducts annual BCIA Registrant Professional Practice Audits.

Additional Training

- Petroleum Oriented Safety Training (POST)
- Ground Disturbance for Supervisors in BC
- First Aid Level 1
- Workplace Hazardous Materials Information System (WHMIS)
- Transportation of Dangerous Goods (TDG)
- Suncor Health and Safety Program
- Husky Life Saving Rules
- SLR H&S Program