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APPENDIX QZ08-084

**APPENDIX I**

**Resume for Bill Slater**

**And**

**Company Profile and Project List for Bill Slater Environmental Consulting**

*Resume*  
**Bill Slater**

(867)633-8452  
112 Crag Rd.  
Whitehorse, Yukon  
Y1A 5C1  
bslater@whtvcable.com

**EDUCATION**

**Honours Bachelor of Science  
Engineering**

Agricultural Engineering  
University of Guelph  
1988

Association of Professional Engineers - Gold Medal, 1988  
For Highest Academic Standing in Engineering at U of G.

**SELECTED WORK EXPERIENCE**

**Environmental Consultant**

Bill Slater Environmental Consulting  
Whitehorse, Yukon

*November 2003 to Present*

- Owner and principle consultant of a Whitehorse based independent environmental consulting company.
- Consulting expertise includes:
  - Mine closure and remediation
  - Mine planning and development
  - Environmental effects assessment and analysis
  - Monitoring program development, analysis and interpretation
  - Environmental and socio-economic assessment processes and requirements
  - Permitting and regulatory processes and requirements
  - Public infrastructure planning and development – hydro, roads, buildings
  - Environmental policy/regulation
  - Water resource management, water quality
  - Community engagement, especially in First Nation communities
- Consulting experience is described in the attached Company Profile and Project List for Bill Slater Environmental Consulting.

**Senior Program Scientist**  
Environmental Protection Services,  
Environment Canada  
Whitehorse, Yukon

*Part-time, December 2003 to March 2004*

- Responsible for advising on closure planning for the Brewery Creek Mine.
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**Manager, Environmental Assessment and Planning**  
Water Resources Branch  
Department of Environment, Government of Yukon  
Whitehorse, Yukon

*April 2003 to October 2003*

- Managed the environmental assessment programs and projects for the Water Resources Branch. See responsibilities below for Head, Environmental Assessment and Planning, DIAND.

**Head, Environmental Assessment and Planning**  
Water Resources Division  
Indian and Northern Affairs Canada  
Whitehorse, Yukon

*August 1996 to March 2003*  
*March 1996 to May 1996*

- Managed the environmental assessment programs and projects for the Water Resources Division.
  - Evaluated and made recommendations on designs, best management practices and mitigation measures for mining, mine decommissioning and closure, hydroelectric, infrastructure, municipal, and other projects.
  - Conducted and coordinated environmental assessments for development proposals, under the *Canadian Environmental Assessment Act*.
  - Advised the Department on meeting its obligations under environmental assessment and water management legislation and land claims agreements.
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**Environmental Advisor**  
**Environmental Consultant**  
Council of Yukon First Nations  
Whitehorse, Yukon

*Half-time Secondment, February 2001 to July 2001*  
*April/May 2002*

- Provided technical and policy advice on the development of the development of the *Yukon Environmental and Socio-Economic Assessment Act* and Regulations.
- Provided information and completed research to support decision making by the First Nations caucus.

**Land Claims Implementation Advisor**  
Indian and Northern Affairs Canada  
Whitehorse, Yukon

*May 1996 to August 1996*

- Advised the department on implementation of land claims legislation, land claims/self government agreements and land claims/self government implementation plans. Encouraged departmental staff to effectively implement land claims/self government agreements.
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**Water Resources Planner**  
Water Resources Division  
Indian and Northern Affairs Canada  
Whitehorse, Yukon

*June 1993 to March 1996*

- Advised on policy and programs related to water management and application of environmental assessment and water management legislation.
  - Promoted the importance of effective planning in conserving water resources and aquatic ecosystems.
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**Soils and Materials Testing Technician**  
J.R. Paine and Associates Ltd., Consulting and Testing Engineers  
Whitehorse, Yukon

*May 1993 to June 1993*

- Quality control technician for highway construction project.
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**Research Technician**  
University of Guelph, School of Engineering, Guelph, Ontario

*January 1991 to May 1991*

- Designed and carried out laboratory investigations to evaluate methods and materials for minimizing soil erosion on road construction projects and highway right-of-ways.
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**Company Profile and Project List**  
**Bill Slater Environmental Consulting**  
**November 2009**

Bill Slater Environmental Consulting is a sole proprietorship operating in Whitehorse since 2003. Bill Slater, the sole proprietor and principle consultant, provides technical, regulatory and policy consulting services in environmental management, environmental impact assessment, water management, mining, mine closure and infrastructure development. The company's client base is broad and includes Yukon Government, First Nation governments, federal government, independent resource management agencies, non-government organizations and private companies.

Prior to starting his consulting business, Bill Slater had over ten years of experience working in Yukon for the federal and territorial governments in the fields of environmental assessment, water management and First Nation land claims implementation. Bill graduated with distinction from the University of Guelph in 1988, receiving an honours degree in Agricultural Engineering and the "Association of Professional Engineers Gold Medal" for highest academic standing.

Bill Slater Environmental Consulting provides a unique combination of technical, process and policy expertise that supports well-reasoned and integrated decision-making by clients. This same combination of expertise has led to recognition of Bill Slater Environmental Consulting as an authority on environmental assessment requirements and processes in Yukon.

Bill Slater Environmental Consulting works extensively with First Nation governments and organizations, providing technical expertise related to mining and infrastructure development projects and also helping to articulate the views and interests of First Nations in various government and regulatory processes.

In addition to the demand for technical, process and policy expertise, Bill Slater Environmental Consulting also fills a niche in the area of community relations, community engagement and facilitation. The company's services are in demand for helping to bridge the gap between technical information, government processes and community understanding. Because Bill Slater's work in community engagement is combined with technical services for a broad range of clients, the company's technical work is highly regarded at a grassroots community level in Whitehorse and Yukon.

Bill Slater Environmental Consulting works mostly in Yukon, but has completed projects in other jurisdictions. Because the company has only one principle consultant, Bill Slater has worked collaboratively with other consultants on several projects. Bill Slater often works on projects with strict

deadlines (i.e. YESAA process or Yukon Water Board deadlines) and is known for completing these projects on time and within budget.

The following is a list of projects undertaken by Bill Slater Environmental Consulting:

- **Technical Advisor, Faro Mine Closure Project – April 2005 to present. Member of the senior Technical Advisor Team for the Faro Mine Closure Project**
  - Providing overall technical guidance for all aspects of closure planning
  - Senior reviewer for closure plan research, studies, investigations and design
  - Advisor and participant re: risk assessment, evaluation and selection of closure options
  - Monitoring program analysis, development and interpretation
  - Coordination and management of research, investigation, design, monitoring and effects assessment projects and programs
  - Community engagement and discussion
  - Advising on care-and-maintenance and early remediation activities
- **Senior Consultant to Council of Yukon First Nations (CYFN) on the five-year review of the Yukon Environmental and Socio-Economic Assessment (YESAA) Process. 2007 to present.**
  - Project management and guidance for CYFN's participation in the review
  - Policy advice for CYFN and Yukon First Nations for participation in the review
  - Facilitation of First Nation discussions and submissions for the review
  - Coordination of issues discussion and analysis re: First Nation concerns about YESAA
  - Preparation of review submissions describing First Nations' issues and concerns
- **Technical Consultant to First Nation of Na-cho Nyak Dun (FNNND) on closure planning and care-and-maintenance for the Keno Hill properties. 2007 to present.**
  - Providing overall technical guidance for the FNNND on all aspects of closure planning and care-and-maintenance
  - Reviewing and advising on research, monitoring, investigations, design, risk assessment and implementation for closure planning and care-and-maintenance activities
  - Developing and guiding processes for ensuring adequate participation of FNNND

- Community engagement and discussion
  - Development of work plans and budgets for FNNND Keno Hill closure planning office.
  - Advising on negotiation of agreements related to Keno Hill closure planning.
- **Technical Consultant to First Nation of Na-cho Nyak Dun (FNNND) on advanced exploration and development of Bellekeno Mine. 2007 to present.**
  - Providing overall technical guidance for the FNNND on planning, permitting and development of Bellekeno mine
  - Preparing technical review reports and assessment/regulatory submissions to support FNNND participation in permitting processes
  - Advising on closure costs, liability and security bonding
  - Advisor and participant in negotiation of participation agreements re: Bellekeno exploration and development
  - Representing FNNND in discussions with proponent, regulators, assessment agencies, etc.
  - Community engagement and discussion
- **Technical Consultant to First Nation of Na-cho Nyak Dun (FNNND) on development of the Mayo B hydro enhancement project. 2008 to present.**
  - Providing overall technical guidance for the FNNND on planning, permitting and development of the Mayo B project
  - Preparing technical review reports and assessment/regulatory submissions to support FNNND participation in permitting processes
  - Coordinating input from the FNNND government team and other technical advisors
  - Advisor on negotiation of participation, consultation and ownership agreements re: Mayo B project
  - Representing FNNND in discussions with proponent, regulators, assessment agencies, etc.
  - Community engagement and discussion
- **Technical Consultant to Little Salmon Carmacks First Nation (LSCFN) on closure planning for the Mt. Nansen mine. 2007 to present.**
  - Providing overall technical guidance for the LSCFN on all aspects of closure planning and care-and-maintenance
  - Reviewing and advising on research, monitoring, investigations, design and implementation for closure planning and care-and-maintenance activities
  - Developing and guiding processes for ensuring adequate participation of LSCFN
  - Developing and advising on processes for community and technical evaluation and risk assessment of mine closure options

- Community engagement and discussion
  - Development of work plans and budgets for LSCFN Mt. Nansen Mine closure planning office.
- **Technical Consultant to Little Salmon Carmacks First Nation (LSCFN) on the proposed development of Western Copper Corp's Carmacks Copper project. 2005 to present.**
  - Providing technical advice related to project planning, environmental assessment, socio-economic assessment and regulatory processes.
  - Preparing technical review reports and assessment/regulatory submissions to support LSCFN participation in permitting processes
  - Participating as part of LSCFN's overall technical team for the Carmacks Copper project.
  - Advising on risk assessment, closure costs, liability and security bonding
  - Advising on negotiation of participation and inter-governmental agreements re: Carmacks Copper project
  - Representing LSCFN in discussions with proponent, regulators, assessment agencies, etc.
- **Technical Advisor to Selkirk First Nation (SFN) on the Minto Mine project: providing technical advice and review on closure plans, changes to mining plans and site water management. 2006 to present.**
  - Providing overall technical guidance for the SFN on all technical aspects of development, operation and closure for the Minto Mine
  - Participation on technical working groups related to mine permitting and site water management
  - Preparing technical review reports and assessment/regulatory submissions to support SFN participation in permitting processes
  - Coordinating input from the SFN government team and other technical advisors
  - Advising on closure costs, liability and security bonding
  - Representing SFN in discussions with proponent, regulators, assessment agencies, etc.
- **Technical Consultant to Kwanlin Dun First Nation (KDFN) on assessment and permitting for the Kwanlin Dun Cultural Centre. May to September 2009.**
  - Completed environmental effects assessment and prepared all documentation to support YESAA process and permitting for Kwanlin Dun Cultural Centre (riverfront development in downtown Whitehorse)
  - Advised on assessment and regulatory processes and requirements

- Advised on contaminated site concerns and issues
- **Technical Consultant to Kwanlin Dun First Nation (KDFN) on renewal of a water licence for the Fish Lake Hydro Project, Whitehorse. 2007, 2008.**
  - Advising on environmental assessment and water licencing processes
  - Review of applications and preparation of technical reports and regulatory/assessment submissions to support KDFN participation
  - Representing KDFN on technical working groups and at water board hearing
- **Technical consultant to Rivers Without Borders on Hoverbarge Transportation Proposal for Tulsequah Chief Mine. 2007.**
- **As part of the Mining Environmental Neutral Drainage (MEND) program, and in collaboration with CCSG Associates, completion of a research project comparing acid rock drainage predictions at the Vangorda/Grum Mine with actual water quality outcomes. 2007-2008.**
- **Technical consultant to the Tr'ondek Hwech'in on the proposed Yukon River Bridge at Dawson City. 2005-2006.**
  - Providing technical evaluation, advice and recommendations and preparing technical reports and regulatory submissions to support TH participation in water licencing processes.
  - Sought support from additional technical advisors and coordinated input.
  - Represented TH in discussions/meetings with proponent and regulators, and at water board hearing
- **Technical consultant to Environment Canada on the closure planning for the Brewery Creek Mine – May to August 2004: work included the review and evaluation of closure plans/designs; identification of outstanding issues; proposals for mitigation; development of Environment Canada recommendations for water licencing; collection and analysis of water quality data; representing Environment Canada at multi-agency meetings; and, participation as a technical expert during water licencing processes including Yukon Water Board hearings.**
- **Technical consultant to Government of Yukon's Abandoned Mines Office – April 2004 to November 2006: work included review and evaluation of technical/research/design reports for the Faro Mine closure planning (up to February 2005); options paper for regulatory authorization of interim care-and-maintenance activities; preparation of environmental assessment screening report for Government of Yukon's activities at United Keno Hill Mine; participation at technical meetings/workshops; review and advice on closure planning studies for the Mt. Nansen Mine; and, advice on development of mine closure objectives.**
- **Technical consultant to Teslin Tlingit Council on a variety of projects proposed in their traditional territory.**

- **Technical consultant to Council of Yukon First Nations (CYFN) on the development and implementation of the *Yukon Environmental and Socio-economic Assessment Act (YESAA)* – November 2003 to present: work includes review of proposals for regulations; representing CYFN on multi-agency working group; developing proposals for regulations; advising and consulting with First Nation caucuses; and, advising CYFN staff and leadership. Work on various other projects continues on an “as-required” basis in addition to the specific work described above related to the YESAA five-year review.**
- **Consultant to Nancy Morgan and Associates – Developed template assessment documents for First Nations decision making legislation for environmental and socio-economic assessments in Yukon.**
- **Consultant to Indian and Northern Affairs Canada – Preparation and facilitation of two 2-day workshops (January 2005 and October 2005 – 70 and 130 participants respectively) on coordination of assessment and decision making processes under YESAA. Assisted by JC Environmental (Jillian Chown) and R White Consulting.**
- **Consultant to Indian and Northern Affairs Canada – In cooperation with Brodie Consulting and Steve Wilbur Consulting, researching the participation of First Nations in closure planning for mines across northern Canada (Yukon, NWT and Nunavut), as part of a report prepared for DIAND – January to April 2004.**
- **Consultant to Indian and Northern Affairs Canada – In cooperation with R. White Consulting, development and delivery of training courses on YESAA for First Nations and government agencies – February 2004 to December 2006.**
- **Ongoing development and delivery of YESAA training programs for various clients (all levels of government, NGOs).**
- **Consultant to Yukon Environmental and Socio-economic Assessment Board – In cooperation with R. White Consulting, development and delivery of training courses on YESAA, environmental assessment methodology and socio-economic assessment methodology for the YESA Board – July 2004 to December 2004.**
- **Consultant to Materials Efficiency Research Group – Technical review and evaluation of proposal for large nickel mining project: as a subcontractor to Materials Efficiency Research Group, on behalf of Noranda/Falconbridge, completed the technical aspects of a third party review of the company’s Koniambo Project Proposal (a nickel mine proposal in New Caledonia) – February 2004.**
- **Consultant to Yukon Conservation Society – Review and analysis of proposed regulatory and environmental assessment changes for placer mining projects: reports prepared for Yukon Conservation Society – November 2003, October 2004, and August 2005.**
- **Consultant to Touch the North – Preparation of environmental assessment report for Kwanlin Dun Cultural Centre – September to**

**November 2004: worked with Touch the North (a Whitehorse based project management company) as part of a team developing an application for federal funding for development of a cultural centre on the Whitehorse waterfront. Project proponent is Kwanlin Dun First Nation.**

- **Consultant to Yukon Government, Community Services – In cooperation with Laberge Environmental Services, preparation of environmental assessment report for the Hamilton Boulevard Extension, Whitehorse – 2005: working as part of a larger project team that is providing design and environmental assessment services to the Government of Yukon.**
- **Peer reviewer for research papers prepared as part of the Mine Environmental Neutral Drainage (MEND) program administered by Natural Resources Canada – work completed on behalf of Mining Watch Canada, September 2004.**
- **Consultant to Yukon Environmental and Socio-economic Assessment Board – Specialist advisor for YESA Board on some specific aspects related to rule development for the YESAA assessment process – September/October 2004.**