

CURRICULUM VITAE

LANDON WILSON

Project Ecologist



Landon Wilson is a Registered Biology Technologist with over 12 years experience in wildlife and resource management. Landon has worked on various wildlife projects for clients that range from academic (universities), government ministries, logging industry, oil and gas exploration industry and private companies. Landon has split his career between working on Vancouver Island for the British Columbia Conservation Foundation and in Northern BC for Wildlife Infometrics Inc. Throughout his career Landon has been responsible for wildlife habitat assessments, stream surveys, fish habitat assessments, stream inventory assessments, ungulate seasonal habitat evaluations, mortality investigations/necropsy, and wildlife inventories for a variety of species including caribou, mountain goat, moose, black-tailed deer, wolverine, wolves, grizzly bear, black bear and the endangered Vancouver Island marmot. Landon has also captured (via aerial net gun, aerial darting, and ground trapping) moose, caribou, mountain goat, wolves, wolverines, Vancouver Island marmots, and Vancouver Island goshawks in efforts to affix radio collars or transmitters. Landon has spent an extensive amount of time aerial monitoring radio-collared animals and conducting ungulate population censuses. Landon joined the Eco-Web team in May of 2006 and has since been immersed in a variety of oil and gas related projects. Landon's experience at Eco-Web includes: Wildlife Mitigation Planning, Fish and Fish Habitat Assessments, Hydrometric Surveys, Environmental Monitoring and Reclamation. Landon received his Registered Biology Technologist standing with the BC College of Applied Biology in August of 2009.

KEY PROJECT EXPERIENCE

- 2006 – 2009 - Developed Wildlife Mitigation Plans for well locations, pipelines, road construction and seismic programs in northeastern BC to address concerns related to sensitive wildlife, protected areas and timing of developments. Role on the projects was the initial report preparation and background data review, completing field work, including aerial ungulate surveys and ground surveys and interacting with the client and government personnel. The following are some example projects:
- July – September 2009 – Talisman Energy – West Bullmoose and Bullmoose Creeks, creek reconstruction at failed pipeline crossings. Supervised the reconstruction of these sensitive Bull Trout creeks that had washed out the pipeline crossings during floods in the summer of 2009. Included construction of engineered creek design, fish habitat compensation measures and erosion control structures.
- January – March 2009 – Huron Energy Interprovincial National Energy Board West Doe TCPL Pipeline. Prepared wildlife and vegetation studies for the environmental assessment.
- September 2008-August 2009 – Talisman Interprovincial National Energy Board Compass Pipeline – Responsible for the environmental inspection during construction and reclamation operations.
- September 2006 – July 2008 – Talisman “Husky Hz Federal” d-28-H/94-B-7 – monitored the construction and drilling of the wellsite and pipeline inside a proposed wildlife habitat area for caribou movement between two adjacent ungulate winter ranges. Completed final reclamation follow ups, seeding and tree planting.
- July – September 2006 – Talisman Mount Spieker Pipeline from a-43-E/93-P-03 to a-66-E/93-P-03 – prepared a mitigation and reclamation plan to construct a pipeline through the high alpine in a caribou ungulate winter range. Monitored the complete construction and reclamation of the pipeline right of way.
- November 2006 – Talisman “et al Ojay” a-93-I/93-P-8 & a-7-H/93-P-9 – two wells within a low elevation caribou ungulate winter range. Prepared a detailed mitigation plan to address construction, drilling and future production of the wells.

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- October - November 2007 – Talisman Ojay – Completed wildlife mitigation plans and amendments for further development within the Ojay field. Completed associated fish assessments for the project.
 - September - October 2008 – Talisman Ojay Pipeline Development – monitored the construction of the Ojay Phase 2 pipeline and the Compass interprovincial pipeline including all aspects of clearing, construction, creek crossings and final reclamation.
 - July 2006 – September 2008 – Prepared a number of wildlife mitigation plans to address activity within the spring calving season and late winter time frame for a number of seismic programs. Coordinated ongoing monitoring and site specific mitigation measures employed to reduce the impacts on calving elk, moose and deer.
 - January – September 2008 – Prepared wildlife mitigation plans in support of winter and spring timing variances for 8 seismic programs throughout northeastern BC. Program issues ranged from caribou concerns to other large ungulates such as elk, moose and deer. Completed follow up monitoring of the programs to ensure the objectives of the mitigation plans were upheld.
 - August 2008 – Muncho 2D – completed mitigation planning for a 2D seismic programs within the Muskwa-Kechika Management Area.
 - 2006 – 2008 - Completed environmental monitoring of seismic, wellsite construction and pipeline construction programs. Monitoring duties included patrolling the project area looking for wildlife and tracking wildlife movement, observing project activities and ensuring compliance with all applicable environmental regulations, providing recommendations for site-specific mitigation and shutting operations down if there was a danger to fish and wildlife or their habitat.
 - 2007 – Monitored a seismic program in the Muskwa-Kechika, provided site specific mitigation measures and addressed helicopter flight lines and wildlife encounters with project staff.
 - January – March 2008 – Talisman Sukunka 12 inch Pipeline Replacement – Monitored the water dispersal operations from a repair through the Sukunka River valley, in order to control water flow and quality into the Sukunka Watershed.
 - 2007 – 2008 - Completed multiple pre-construction assessments (to Schedule A criteria in BC) and submittals to the Land Reserve Commission in BC.
 - 2006 – 2008 – Completed multiple Hydrometric Surveys to determine instantaneous discharge in a variety of drainages for the purpose of determining if there was sufficient flow to obtain a Water Withdrawal Permit for the purpose of drilling.
 - July - September 2008 – Assisted in the preparation of Environmental protection plans for five separate major Horizontal Directional Drill Crossings of major rivers in British Columbia (Pine, Sukunka, Burnt Rivers) and Alberta (Battle and Little Smoky Rivers)
 - Completed habitat and wildlife capability assessments through out the Mackenzie TSA for mountain goats, northern caribou, and moose.
 - Completed numerous aerial population censuses for moose, northern caribou and mountain goat.
 - Performed aerial net gunning, darting, and handling of moose, caribou, mountain goat, and wolves.
 - Programmed and affixed GPS and VHF radio collars on moose, caribou, mountain goat, and wolves.
 - Completed calf recruitment censuses for northern caribou as well as captured and affixed VHF ear transmitters on caribou calves.
 - Conducted weekly aerial telemetry flights and monitored wildlife (moose, caribou, caribou calf, wolf, wolverine, and mountain goats) movements during the five year Omineca Northern Caribou Project.
 - Completed wolverine trapping and transmitter implantation during the Northern Wolverine Study.
 - Monitored and tracked wolverines via aerial and ground radio telemetry.
 - Conducted field investigation studies of wolverines affixed with radio transmitters.
 - Conducted grizzly bear DNA population study.

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- Completed raptor nest identification studies for Slocan Forest Products within the Mackenzie TSA.
 - Completed mountain goat trail and mineral lick study for Slocan Forest Products within the Mackenzie TSA
 - Completed mortality investigations/necropsy of radio collared moose, caribou, mountain goat, and wolves.
 - Conducted wolf ground trapping and chemical immobilization in efforts to affix radio collars.
 - Completed trapping and transmitter implantation of Vancouver Island marmots.
 - Completed radio telemetry, habitat assessments and transplanting /reintroduction of Vancouver Island marmots.
 - Conducted population estimates of Vancouver Island black-tailed deer via night counts.
 - Completed Vancouver Island goshawk trapping and backpack radio transmitter installation in order to establish nesting sites via radio telemetry.
 - Completed stream surveys and fish inventories/habitat assessments in support of numerous creek crossings for access roads and forestry cut block development throughout the Mackenzie TSA.
 - Completed written annual reports for the Northern Omineca Caribou Project as well as GIS information.
 - Analyzed collected data and managed project database.
 - Conducted remote temperature logger installation and data management/analysis.
 - Conducted environmental assessments and monitoring of oil and gas exploration in environmentally sensitive areas of Northeastern BC.

EDUCATION

- Malaspina University/College, Diploma in Resource Management, 1997

PROFESSIONAL REGISTRATIONS

- BC College of Applied Biology, Registered Biology Technologist, 2009