

2002-11

**Environmental**

In the past, Andy was responsible for field supervision, planning, scheduling, budgeting from conception to implementation and coordinating site inspections. All field work was accomplished according to the Fisheries Act and Forest Practices Code of British Columbia, including Forest Road Regulations. Andy prepared written reports and made presentations to managers and clients on regular basis. Projects included:

- Environmental Monitoring for Restoring Stream Banks and improvement of the Fish Habitat:
  - Bridge at 11.5 km on the Taman FSR for BCTS, Burns Lake
  - Bridge at 7.5 km on the Taman FSR for BCTS, Burns Lake
  - Williams Creek in Barkerville for Barkerville Heritage Trust, Barkerville
- Stream Assessments:
  - Woodlot 100 for Canyon Creek Resources Ltd.
  - Suskwa FSR for Tyhee Forestry Consultants Ltd.
- Fish Habitat Assessment:
  - Wetland near Sewage Lagoon near Barkerville
- Fish Salvage at Construction Sites:
  - Outsa FSR for MOT in Prince George
  - Williams Creek in Barkerville for Barkerville Heritage Trust
- Water Sewer Soil Sample collections:
  - PIR in Smithers
- Reestablishing Existing Creek / Water Drainage Crossings:
  - Blue Pearl Mine Road in Smithers
- Full Environmental Assessment:
  - Takla Lake 5 km road upgrade in Takla Lake
- Wetland Assessment:
  - Over 200 wetlands assessed near Alexis Creek
- Environmental Management Plans Permitting:
  - Water line installation in Barkerville
  - Dike rehabilitation near Barkerville
  - Cunningham Babco FSR 3 sites for MOF, Quesnel
- Bird Nesting surveys:
  - Shelly development near Shelly for Lheidli T'enneh First Nation
- Environmental Monitoring / Inspection of Installations Siltation control Systems:
  - Un-Named Creek for Blue Pearl Mine Project in Smithers
- Environmental Monitoring / Inspection of Installations Corrugated Steel Pipes:
  - Blue Pearl Mine Road in Smithers
- Environmental Monitoring / Inspection of Installations for the Dike Gauge System:
  - Dike Gauge System in Houston Area
- Environmental Monitoring of a Beaver Dam Removal:
  - 1 km on U/S of Binta Lake FSR for BCTS, Burns Lake

In addition, Andy assisted in environmental field surveys, assessments and implementations, deepening his understanding of environmental aspects and the role of computer software in projects such as:

- Environmental Monitoring:
  - Singler Creek Environmental Monitoring of the Installation of CSP and Grass Seeding for MOT in Prince George
  - Williams Creek in Barkerville
  - Dike rehabilitation in Barkerville
- Water Sampling / Field Assessments:
  - For New Cantech Lucky Ship



- For Pacific Booker Minerals Inc.

Andy did advance hydrology calculations for several sites as follows:

- Hydrology for 20 Sites on the Galore Creek Project Access Road for NovaGold Resources Inc.
- Hydrology for 13 Sites on the Andrew Zinc Project for Overland Resources Inc.
- Bypass Road at Morice FSR for Canadian Forest Products Ltd. in Houston
- 0+248 km on the 1000 Branch Road for Cypress Forest Consultants Ltd.
- 0+095 km on the 1500 Branch Road for Cypress Forest Consultants Ltd.
- 8+800 km on the White River FSR for BCTS, Terrace
- 10+100 km on the White River FSR for BCTS, Terrace
- Maxan FSR for BCTS, Smithers
- Cronin Footbridge Crossing, BC Parks
- Bulkley River Pedestrian Bridge Crossing near Smithers
- Upper White Crossing @ 6.5 km for Cypress Forest Consultants Ltd.
- Hodder Creek Crossing @ 4.8 km for MoF Skeena
- Hodder Creek Crossing @ 3.5 km for MoF Skeena
- 3.1 km on Prinz FSR for BCTS, Burns Lake
- 3 km on 10316-01 FSR for BCTS, Burns Lake
- 270 km on the 200 FSR for BCTS, Burns Lake
- 3 km on the Division FSR for BCTS, Burns Lake
- 257 km on the 200 FSR for BCTS, Burns Lake
- 261 km on the 200 FSR for BCTS, Burns Lake
- 3 km on the 10288-01 FSR for BCTS, Burns Lake
- South Beach Creek Crossing for Ascot Resources Ltd.
- Iltzul Creek Crossing @ 17.8 km for BCTS, Terrace
- 8 sites on the Lavender FSR for BCTS, Terrace
- 7 km on the Captain M/L
- 6 km on Branch 1000 Road
- 4.5 km on Branch 1000 Road