



Hydroconsult

Currents

NEWSLETTER

6th EDITION

Midstream 2003



Dear clients, friends and colleagues

Just a brief mid-year update and overview of new and ongoing projects. We hope you had an enjoyable summer with family and friends.

Wim Veldman

Faro Mine, Yukon - Department of Indian and Northern Affairs

Hydroconsult is reviewing and assisting the development of close-out and abandonment plans for this once active major metal mine. Water supply and tailings dams and numerous major channel diversions are involved. Wim especially enjoyed the field trip - as the designer of the major diversions in the late seventies, it brought back many memories for him.



Recent New Assignments

Here's a small sampling of recent new assignments that indicate our broad range of experience in the field of water resources.

- » Assessing hydraulic impact of proposed major storm outfall on flood risks on the Elbow River, **City of Calgary**.
- » Evaluation of adequacy of water supply dam, Doig River, **BC** for **CNRL**.
- » Hydraulic design of bridges across Nose Creek, **Calgary**.
- » Design input/review for the planning of major new bridges, Collville River Delta, Alaska for Baker Engineers/Conoco Phillips **Alaska**.



Bow River Bridges - City of Calgary

In conjunction with Underwater Specialists (divers) and Campbell Woodall (structural engineers), Hydroconsult is project manager to evaluate scour and pier conditions at 15 bridges in Calgary. This is an update of Hydroconsult's assessment in 1992.

Buffalo Lake Flood Risks - Alberta Environment

Homes at the south end of Buffalo Lake, near Stettler, are subject to flooding during extreme water level and/or wave events. Hydroconsult reviewed risks in a comprehensive manner and presented the results to the decision makers - the public and local authorities - in order for them to assess the options.




International Water Resources Consultants - "Small in Focus, Global in Reach"

Elbow River Intake

Hydroconsult provides on-going services to Redwood Meadows for their water supply and dyke protection systems on the Elbow River. The existing water intake infiltration gallery system was recently upgraded to improve supply under low flow and deep frost conditions.




Staff Mileposts



Gary Evenson surprised us all (and himself as well) by getting married on March 28, 2003 while on vacation in Hawaii.

Not to be outdone, Andy Wong followed by getting married on May 17, 2003 in Calgary.



Amanda Ivers is the proud new mother of Cole Wilson, born on February 8, 2003.

New Office Location

Hydroconsult will be moving into a new office in the next 3-4 months. Stay tuned, we will send out notices.

**Pipeline Projects
from
A (Alaska)
to
A (Argentina)**



Trans-Alaska Oil Pipeline
(operations monitoring/design)
VECO/Alyeska Pipeline Service Co.



Mackenzie Gas Pipeline, Canada
(studies)
Colt KBR/Imperial



OCP, Ecuador
(design/field engineering)
TECHINT/OCP



Camisea, Peru
(design/field engineering)
TECHINT/TGP



GasAtacama, Argentina
(operations monitoring/design)
GasAtacama



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PROJECT TYPE

- Pipelines
- Industrial Facilities
- Mines
- Infrastructure Development
- Water Resources Development
- Shoreline Development

SCOPE OF SERVICES

- EIA
- Design
- Permitting/licensing
- Construction
- Monitoring