



## Hydrometric Data Management and System Design Internship

Jan. 1 – Mar. 31, 2012

**The OBWB:** The Okanagan Basin Water Board (OBWB) provides leadership to protect and enhance quality of life in the Okanagan Basin through sustainable water resource management. The OBWB is a local government organization with political representation from the three Regional Districts, the Okanagan Nation Alliance, the Water Supply Association of B.C., and the Okanagan Water Stewardship Council. Through its programs, the OBWB aims to provide the following essential functions:

- **Implementing basin-wide programs** for watermilfoil control, wastewater infrastructure funding, and water research and management – benefiting all Basin residents
- **Advocating and representing** local needs to senior government planners and policy makers – protecting Okanagan interests
- **Providing science-based information** on Okanagan water to local government decision makers and water managers – for sustainable long-term planning
- **Communicating and coordinating** between government, non-government, universities and businesses – increasing the effectiveness of water projects and research
- **Building funding opportunities** by providing leverage grants, securing external dollars and identifying cost-sharing partners – expanding local capacity

**Job Description:** The Hydrometric Data Management and System Design Intern will work with OBWB staff to:

- Collect historical hydrometric (stream flow) data from water utilities and privately owned hydrometric monitoring stations from across the valley;
- Assist with designing a stable, easily replicated data management system and framework.
- Work with local government, senior government agencies, and private contractors as needed to collect and organize data.
- Clean, integrate, metatag, and import the data into the database; and
- Research and develop standards and best management practices for data management.
- Prepare a guide for future data providers and database managers.

**Qualifications:** The successful intern will:

- Be a current student in their senior year(s), or recent graduate, of a natural sciences, environmental management, math, or statistics post-secondary program or Master's program;
- Excellent ability with Microsoft Excel, R, or similar data management tools;
- Have excellent written and verbal communication skills and a strong attention to detail;
- Work well independently and have strong time management and problem-solving skills; and
- Possess a Class 5 Driver's License and have access to a vehicle.

**Location:** The intern will be based out of the OBWB office in the Central Okanagan Regional District Office, Kelowna, BC. Some travel may be required within the Okanagan valley.

**To Apply:** Qualified candidates should submit a cover letter and C.V. that clearly demonstrates how your experience and/or coursework relates to the duties described above. Electronic submissions only. Please put "Hydrometric Data Internship" in the subject line and send to: [melissa.tesche@obwb.ca](mailto:melissa.tesche@obwb.ca). We wish to thank all applicants for their interest and effort in applying; however, only candidates selected for interviews will be contacted.

**Compensation:** \$18.00/hr

**Application Deadline:** 4:00 pm, December 12, 2011

The Okanagan Basin Water Board has a commitment to employment equity and continues to strive for a representative workforce and we encourage the application from Aboriginal Peoples, Visible Minorities, Persons with Disabilities, and Women. The OBWB reserves the right to not fill the position if no suitable candidate is available. The position is subject to funding availability.

*For more information about the Okanagan Basin Water Board and the Okanagan Water Management Program, please visit: [www.obwb.ca](http://www.obwb.ca).*