

Home of the Acoustic Scintillation Flow Meter

US Army Corps Uses ASFM for Power Plant Efficiency Improvement Program

The US Army Corps has quickly put into service its recently purchased *ASFM Advantage* system to provide detailed flow measurements at John Day Dam on the Columbia River and Lower Monumental Dam on the Snake River in Washington State. The testing program, involving ASL providing on-site technical support services, was carried out at the John Day Dam in December 2001 and at Lower Monumental Dam in January (unit 2) and February (unit 6). These turbine efficiency tests are part of a larger Power Plant Efficiency Improvement Program being undertaken in the US Army Corps Portland and Walla Walla Districts.



Lower Monumental Dam

Other Hydro Solutions

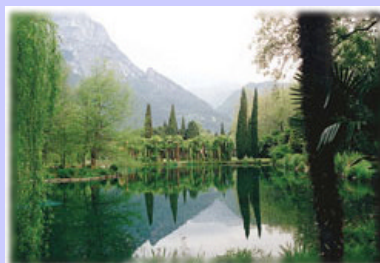
Our parent company, [ASL Environmental Sciences](#), offers a range of related services and products for other hydro applications, such as flow surveys and numerical simulations in forebays and tailraces.

Meet Us At Events

ASL AQFlow will be attending the following trade shows & conferences. We would like to have a chance to talk to you.

IGHEM 2002	July 17 - 19	Toronto
Hydro Vision 2002	July 28 - August 2	Portland

AQFlow in Europe



Riva del Garda

During 2001, ASL AQFlow participated in two European hydroelectric conferences: The first one was Hydro 2001 in Riva del Garda, Italy, in September. Our paper on 'Estimating Uncertainties in Turbine Discharge Measurements with the ASFM in Low-head Short-intake Plants' was well received.

The second event was Upgrading and Refurbishment of Hydro Plants in Prague, Czech Republic, in December. There we were invited to participate in a panel session 'New Approaches to Increasing Value from Existing Hydro Plants'. Again, our overview of 'Recent Developments in Turbine Flow Measurement at Low-head Plants' was well received.

Hydro Quebec Upgrades Their ASFM Unit

In December 2001, we upgraded Hydro Quebec's Single-path traversing ASFM unit. Their new surface unit can be remotely operated from a laptop computer, through an Ethernet communications link. The surface unit has been drastically simplified. It no longer requires a monitor, keyboard, mouse, floppy or zip drive. A solid state data storage was installed in place of moving hard drive – less prone to damage from shipping or vibrations. The new "ASFM Link" software supports re-computation of total discharge after completing data acquisition. The use of Embedded NT for the surface unit operating system makes it feasible to do field installations of software upgrades. These modifications, which have reduced the price of the ASFM products, are now standard on any new ASFM "Advantage" Model purchase.

Lifestyles

ASL's Squash team is now in fourth place in the Victoria City Squash League. The top players in the city were drafted to make up this league. Our own Rene Chave is one of four members of the team.

