

Initiatives undertaken by the WLLID 2000-2010

- **2003** Wasa Lake H2O weekend workshop. Conducted by Clive Calloway from the Living by Water Project. Topics - foreshore stewardship, healthy septic systems. Funding from CBT, organized by the WLLID. *On the Living Edge – your handbook for waterfront living*, available at workshop and available from the WLLID.
- **2004** Wasa Water Supply Aquifer Assessment. A study to determine if land use activities were affecting the water quality of the Wasa aquifer. Analytical cost of the program conducted on 5 sites \$1800.00 funded by the Ministry of Water, Land and Air Protection.
- **2004** Waterwise/Firesmart program. An initiative of the WLLID funded by the CBT. With assistance from BC Fire Commissioners office, Bill Walkley and RDEK director Norm Walter. Student hired to promote fire interface through free personal property evaluations. Pancake Breakfast booth to promote program. Final report on state of fire preparedness of community. Fires and water quality and quantity are interconnected.
- **2004** Proposed Cottage Association. An initiative to give seasonal residents an opportunity to be involved in WLLID programs. ie) lake testing
- **2005** Columbia Basin Watershed Symposium. WLLID attended. Water issues throughout the basin.
- **2005** Land and Water BC, Provincial Drought Task Force - \$8,000.00 in funding. WLLID contribution \$1000.00. Completion of the Drought Planning for the Wasa Lake Area. Prepared by Mc Arthur Consulting. Water Y's brochure, demonstration lawn, promo with Top Crop on xeriscaping discount.
- **2006-2010** Lake Management Plan – completion of the Foreshore Inventory Mapping (FIM), Sensitive Habitat and Mapping (SHIM) and Shoreline Management Guidelines for Fish and Wildlife Habitats.
 - Funding and In Kind support. CBT \$20,000.00, WLLID \$12,000.00, RDEK annual funding for EKILMP. MOE, DFO, Wildsight – In Kind technical support. Interior Reforestation, contractor. Total funding and In Kind over \$150,000.00.
 - **2010** Summer BBQ hosted by the WLLID. Purpose – opportunity for the community to see the final lake management mapping, ask questions. Other partners including DFO, MOE, RDEK etc available to talk about the project.
- WLLID attendance at annual conference of BCLSS – 2005 Moberly Lake, 2006 Ladysmith

- **2006** Engaged Bill Andrews environmental lawyer for legal advice. Mr Andrews looked at the history of non-permitted work being done and non-enforcement by government. The WLLID sought a legal opinion on how best to proceed. The concern was to ensure the continued health of the lake for all community members. Unanimously passed by the WLLID board. WLLID received a 15 page report regarding Mr Andrews findings. Discussion re report July 11, 2006 WLLID minutes. Jan 2007 WLLID minutes unanimously passed to keep Mr Andrews on retainer.
- **2006** buoys installed by Parks across the mouth of Ida's Bay. Rational – deter speed. DFO owns the water, BC Parks owns the land at low water.
- **2006** start of the WLLID information booth at the outdoor pancake breakfast.
- **2007** WLLID hosted the BCLSS annual conference. Title, *On the Beach – a skinny dip into sustainable land and watershed development*. Over 100 in attendance including representatives from CBT, DFO, MOE. Funding from CBT \$5000.00, MOE \$5000.00, WLLID \$1500.00, RDEK \$3000.00, District of Invermere \$250.00 Total funds \$13,250.00
- **2007** CBT conference on climate change, community development, and sustainability in the Columbia Basin.
- **2009** Lake Specific Document completed by the BCLSS for Wasa Lake regarding the lake testing information.
- **2009** Pine Beetle program – link between beetle infestation, loss of tree vegetation, soil retention and water runoff to bodies of water. *Quality of water*.
- **2011** Septic installation issue at south end of Wasa Lake. Concerns regarding setback between septic and lake. File opened – conversation with Interior Health re. the new “industry supported regulations” Report forwarded to WLLID lawyer Bill Andrews to question the Applied Science of Technologists and Technicians of BC. the organization governing the ROWP Wastewater Practitioners. The ROWP was found in breach of the regulations and his licence was suspended. Cost to WLLID taxpayer approx. \$3500.00 in legal and geotechnical work. *Quality of water*.
- **2011** bylaw referral from RDEK for Doug Ford. WLLID board discussion re. application. Concern about lack of an aquifer assessment on the cumulative water use by a 35 lot subdivision with zoning for additional suites, plus the existing Wasa population overlay on the aquifer. This property is not within the WLLID boundaries however the application has *water quantity* implications at Wasa Lake.
- **2011** proposal. Gather information on the age and siting of all septic systems and wells within the WLLID boundary. Engage a student in advanced GIS training to capture another layer of mapping in conjunction with the SHIM. Connection between, groundwater and lake *water quality*.

- Yearly issues: maintenance of flap gate, provincial gov't observation well monitoring, lake and river levels, lake testing, liaison with Interior Health on public beach lake tests, water licence, Great Canadian Shoreline Cleanup
- Unresolved problems:
 - Enforcement of foreshore alterations including removing vegetation on crown foreshore, non-permitted dredging, importation of sand.
 - Unregulated lake water pumping for lawn irrigation
 - Older septic systems leaching into groundwater and into the lake.