

**Regional District of  
Kitimat-Stikine**

In February 2009, the Regional District of Kitimat-Stikine (RDKS) finalized, and submitted for Provincial approval, the third and final stage of its Lakelse Lake/Jackpine Flats Liquid Waste Management Plan (LWMP). This newsletter describes the proposed strategy to manage liquid waste in the Lakelse Lake area of Electoral Area 'C' of the RDKS.

Specific to the Lakelse Lake area, the plan proposes the creation of a community sewer system to serve most of the Lakelse Lake community. Currently, private on-site septic tanks and drain fields are used on many properties that would be served by this new communal system. In many cases the septic systems lie within either the 30 metre minimum setback requirement from the waterline, or the 1-in-200 year floodplain.

The east side community system will collect waste water from properties located in the 1st Avenue area (including Kreston and Kroyer Streets) and potentially Furlong Bay Provincial Park, and pump it through a pressurized main to a centralized treatment facility. The facility location remains to be finalized. Sewage will be treated using Membrane Bioreactor (MBR) technology with Ultraviolet (UV) light disinfection.

This combination of treatment methods will produce a very high quality effluent with a number of disposal options. One option currently under consideration is discharge to ground via Rapid Infiltration (RI) basins. The west side system would see the creation of a similar system to serve properties from the Lakelse River (north side) past Mailbox Point and for properties in the vicinity of DL5137 and DL5138. Septic waste from these areas would be pumped in a pressurized main into a larger septic system (tank and field) upland from the lake where disposal will not negatively impact lake water quality.

To ensure that the environmental effects of this project are minimized, and to fulfill Federal funding requirements, the RDKS is undertaking an environmental assessment of the proposed project. This assessment will look at various aspects of the project including impacts to fish and other aquatics, wildlife, water quality, archaeological resources, socio-economics, First Nations interests and land use.

It is anticipated that the environmental assessment for the project will be completed over the next two years. Environmental assessment investigations and identification of the treated effluent discharge locations will begin during the summer and fall of 2010, and continue through the first part of 2011, followed by advanced design and environmental assessment reporting.

For more information please visit the Regional District of Kitimat-Stikine website at [www.rdks.bc.ca](http://www.rdks.bc.ca) or contact Roger Tooms, Manager – Works and Services, at 250-615-6100 or Linda Zurkirchen at Cambria Gordon Ltd. (providing environmental support services for the project) at 250 638-0498.

