



Summer Villages Office

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SERVING THE SUMMER VILLAGES OF: ARGENTIA BEACH, CRYSTAL SPRINGS, GOLDEN DAYS, GRANDVIEW, MA-ME-O BEACH,
NORRIS BEACH & POPLAR BAY

The Pigeon Lake Regional Wastewater Planning Committee is comprised of the municipalities of the County of Wetaskiwin, County of Leduc, Maskwacis Cree, and the Summer Villages of Ma-Me-O, Sundance, Grandview, Norris, Poplar Bay, and Crystal Springs, as well as the North East Pigeon Lake Regional Services Commission. The Committee exists to address wastewater issues surrounding Pigeon Lake, and the associated environmental and health concerns by constructing and operating a Regional Wastewater System to service the growing population around the Lake.

The Committee commissioned an engineering study, completed in 2007, which gave recommendations on possible solutions to the issue of wastewater going into Pigeon Lake. The report included public consultation sessions in the area around Pigeon Lake, at which residents had the opportunity to voice ideas and concerns.

The recommendation from the report involves the installation of a regional transmission system separated into two parts, north and south. Both the north and south regional transmission lines would utilize the existing Mulhurst Lagoon, which has been recently upgraded to be capable of treating the additional effluent, but will require a storage upgrade to handle increased flows.

An engineering pre-design study for the Regional Wastewater System was completed in November of 2009, funded through Water For Life funding. The study analyzed, among other things, such factors as line location, geotechnical issues, lift station location/design, pipe size, flows, lagoon requirements, and costs. The study has been adopted by the Committee as the basis of moving forward with design and construction of the project.

The engineering pre-design study was submitted to Alberta Transportation as the basis of a "Water For Life" program application for funding for detailed design and construction of the regional wastewater system. Correspondence has been received from Luke Ouellette, Minister of Transportation, indicating that funding has been approved in the amount of 92.86% of project costs, up to a maximum of \$10,307,400 for Phase One of the project. This will fund the expansion of the Mulhurst Lagoon and the construction of a regional wastewater line running from the lagoon, south around the west end of Pigeon Lake. The final grant amount will be based on actual costs from design and construction of the system.

In late 2011 engineering services for Phase one of the project was tendered out, with the contract being awarded to Genivar Engineering. Detailed design of the lagoon project is currently underway, with an expectation to tender construction of the lagoon expansion in early April, with a project completion date of approximately October 2012.

Design of the regional pipeline portion of Phase One is expected to commence in late 2012, with construction to be tendered and completed in the 2013 construction season.