

# BUFFALO LAKE: SUMMER VILLAGE OF ROCHON SANDS FLOOD PROTECTION PROJECT UPDATE

[www.transportation.alberta.ca/rochon-sands.htm](http://www.transportation.alberta.ca/rochon-sands.htm)

November 2016

Alberta Transportation (AT), Alberta Environment and Parks (AEP) and their engineering consultant Klohn Crippen Berger (KCB) would like to extend a warm greeting to all those with a vested interest in this project.

As the project advances from preliminary design to detailed design and construction, we hope to hear your thoughts and have your input to help us in developing the best overall solution for all involved. We will keep you informed via future newsletters.

## Project History

As many of you will know, the land along Beach Street East, in the Summer Village of Rochon Sands (SVRS), is currently at risk of flooding beyond the 1 in 100-year lake flood level (El. 781.2m) due to wave run up.

AEP has worked with the Summer Village of Rochon Sands in the past to explore options to mitigate the flood risk.

To protect these properties, AEP has previously investigated flood protection berms of varying height. Public meetings have been held to discuss the flood risk and the proposed berm solution, with the outcome being that alternative solutions should continue being explored. These included a 'do-nothing' approach and a lower berm.

The 'do-nothing' approach required full approval from the affected land owners. In 2009 and 2010, public engagement meetings were held to discuss the 'do-nothing' approach but because this solution was not acceptable to all landowners along Beach Street East, it was requested that a lower berm be explored.

Further public meetings were held in 2012, when the lake level was very high (see photo, right), and there was consensus at this time that mitigation measures and suitable emergency access to the lakeside properties are required.

KCB were commissioned in August 2016 by AT, to progress the project through design to construction completion.



## Project Team

### Project Owner:

Alberta Environment and Parks

### Project Manager:

Alberta Transportation

### Engineering Consultants:

Klohn Crippen Berger Ltd

*Project Management, Civil Design  
and Construction*

O2 Planning + Design

*Landscape Design and Stakeholder  
Engagement*

## Next Stage—

### Preliminary Design and Engagement Communications

Since being commissioned, KCB has started preliminary design work including:

- *Evaluating the previously proposed solutions*
- *Review the feedback provided throughout the flood mitigation process to date*
- *Determine design criteria – functional, environmental, aesthetic, and economic – for developing design options, assessing feasibility, and evaluating alternatives*
- *Develop a Landowner Engagement Strategy to facilitate effective communications with and documentation of feedback from the affected landowners of SVRS*

It is essential to the success of the project that the solution reflects and addresses community concerns, as well as meeting the engineering goals (flood mitigation and emergency access).

## Key Dates

### November

Pre-Engagement – making initial contact with the landowners and informing you of the intended project progression.

Topographical Survey – We hope to have our survey team (Challenger Geomatics) out during November, to facilitate preliminary design. They will need to access the area between the lake and your property boundary to survey the ground, overhead utilities and infrastructure (i.e. retaining walls, fencing, driveways, landscaping, etc.), so please don't be alarmed if you see people in high-visibility clothing around your back yards. They will knock on your door beforehand and explain the process to you, if required. Feel free to ask them any questions about what they'll be doing on the day.

### November/December

Phase 1 Engagement - A questionnaire will be circulated to you to address your questions, concerns, ideas, and the specifics of how you use and access your property. This will be incorporated, where possible, into the design going forward.



Beach Street East — 2012

## Project Goal

The goal for the Buffalo Lake: SVRS Flood Protection Project is to provide flood mitigation measures which are acceptable to landowners, and satisfy potential flood risk parameters.

The key aspects of this goal are:

**Engagement** – effective communication with you, the landowners, at important points throughout the project.

**Recreation** – providing a solution which will satisfy design requirements while allowing for lakeside recreational use, where practical.

**Safety** – delivering a solution which will be safe for all users, while providing suitable emergency access to lakeside properties and areas.

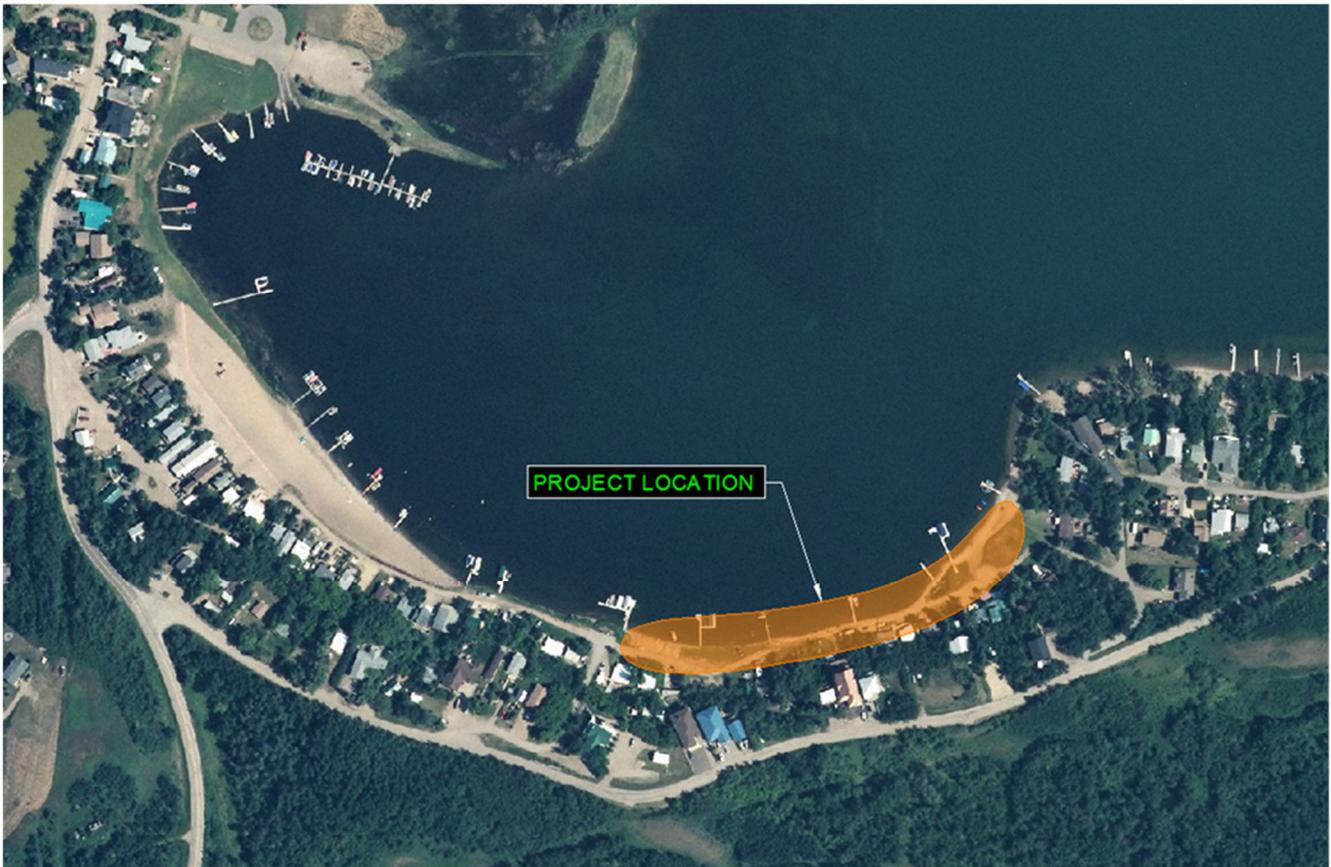
## How to get involved

Spread the word! Tell your neighbours about this project!

If you are one of the impacted landowners with property located along Beach Street East, as highlighted on the map below, and you have not received a mail-out and/or provided your contact information to the project team, please call or email:

Email: [rochonsands@klohn.com](mailto:rochonsands@klohn.com)

Phone: (403) 730-6806 (please leave a message and we will return your call shortly)



### For More Information

An open dialogue with all stakeholders is always important to us. If you have any queries or comments about the Buffalo Lake: Summer Village of Rochon Sands Flood Protection Project we encourage you to use the contact details listed above and on the website ([www.transportation.alberta.ca/rochon-sands.htm](http://www.transportation.alberta.ca/rochon-sands.htm)).