

Waskesiu Cabin Area Swale Project Fall 2013

July 26, 2013

OBJECTIVE(s):

- Construct surface drainage swales in the easements between Bluebird and Chickadee Streets and the easement behind Jay and Kingfisher Streets.
- Complement work done in 2011 as part of Economic action plan funding.
- Further improve surface drainage in Waskesiu Cabin area, resulting in less time required for Park staff to address issues arising during spring runoff and rainfall events.
- Finish landscaping of the swale areas including installation of sod.

BACKGROUND:

In 2011, as part of Canada's Economic Action Plan infrastructure work was undertaken in Prince Albert National Park. Several surface drainage swales were constructed in the Waskesiu seasonal cabin area. Due to budget constraints, areas in most need were selected for the swale construction project. The Park recognized that swales in other areas would assist with surface drainage and protection of private properties in the seasonal cabin area. At this time the Park is proposing that the drainage swale project be continued with construction of additional swales in areas where drainage issues continue to be an annual issue for leaseholders. Drainage and runoff issues are an ongoing issue for Park management as well, since the problems arising from poor drainage and runoff require Park staff to spend time addressing issues in the cabin area. The original swale project has been a success in that the drainage swales have vastly improved the issues in the areas where swales were constructed..

SCOPE:

- Swales to be constructed in easement between Bluebird Street and Chickadee Street as well as the easement between Jay Street and Kingfisher Street (See map - Appendix A).
- Swales will be approximately 250m in length.
- Construction may start on September 3, 2013 with all work to be completed by October 18, 2013.

TASKS/TECHNICAL SPECIFICATIONS:

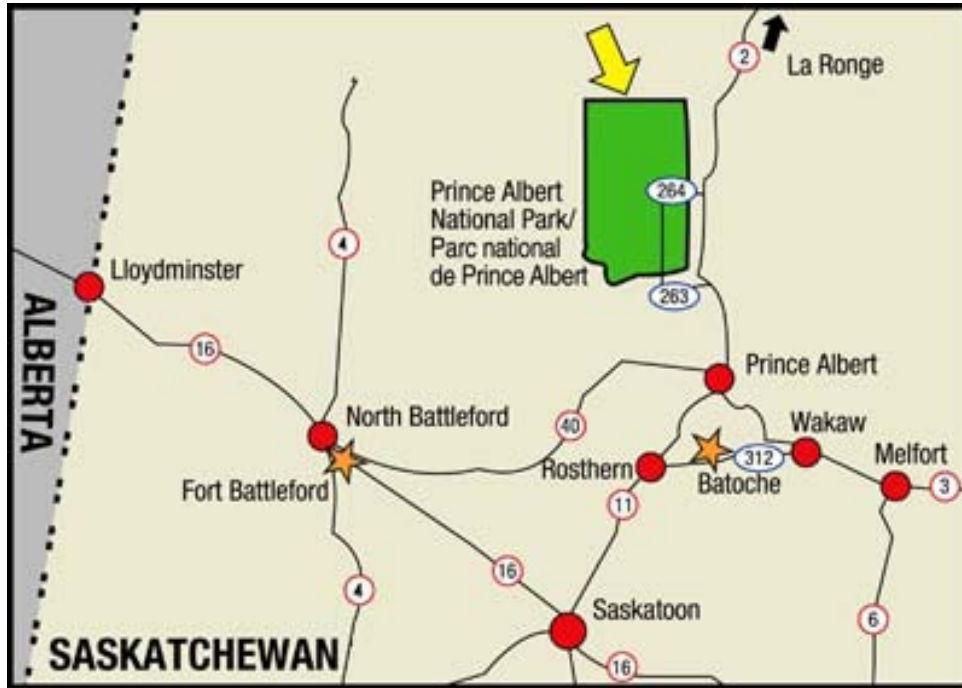
- A mandatory site visit prior to bidding will be scheduled for August 20, 2013.
- Contractor must follow all OHS safety requirements.
- Coordination with Saskpower and Sasktel may be required as there are secondary power lines and phone lines within the construction area.
- Remove trees and stumps as required for construction.
- All brush, branches, roots, stumps to be removed by contractor to Parks brush pile (see map)

- Any material suitable for firewood will be hauled to Parks firewood storage area (see map)
- Swale between Jay Street and Kingfisher Street must be aligned with storm sewer inlet adjacent to Tamarack Street.
- Contractor must survey the construction areas to ensure proper slope/drainage.
- Contractor must construct swales as per provided technical drawings/specifications provided by Parks Canada
- Erosion control mats will be used as required.
- Contractor will attend daily progress meetings with Parks Canada representative.
- Any site specific conditions requiring changes to the design of the swales must first be approved by Parks Canada.
- Once the swales are excavated, the swale area will be capped with 3-4" of topsoil.
- Once capped with topsoil, the swale areas will be landscaped and covered with sod.
- Contractor is responsible for the clean-up of excess soil and any other construction waste. All material is to be removed from site for disposal at an area approved by Parks Canada.
- Completion of the project will be subject to final site inspection completed by Parks Canada.

TRAVEL:

- All work takes place in Waskesiu Lake, Prince Albert National Park, which is located approximately 90km North of Prince Albert, SK
- Travel will be required within the park for the hauling of material to staging and disposal areas:
 - Firewood 10 km from job site
 - Brush pile 5 km from job site
 - Landfill 90 km from Waskesiu Townsite

Maps:



Map 1: Regional Location of Prince Albert National Park



Map 2: Location of work area and material staging areas.

CONSTRAINTS:

- Contractor must follow all of the mitigations and requirements specified in the Environmental Impact Assessment for this project. **CEAR No.: 09-01-51526 (copy attached).**
- Hours of work are restricted to 8am-6pm to be sensitive to area residents.
- Tree removal must consider power and phone lines directly in area. Coordination with utility companies may be required as part of this work and is the responsibility of the contractor.
- Contractor must observe private property lines and not impede property owners' use of their properties.
- Contractor may not store equipment or materials of any kind on private lands adjacent to the work site.
- Any damage to private or Park property will be the contractor's responsibility to repair and/or replace.
- The current wet conditions may limit the type of equipment that can be used in the area.
- This job will require the use of small excavation equipment and hand tools. Skid steers (bobcats) may not work in the area.

CLIENT (PARKS CANADA) RESPONSIBILITIES:

- Public consultation with affected residents and Waskesiu Community Council prior to work commencing.
- Schedule the pre-bid site visit and meeting.
- Schedule daily progress meetings with the successful bidder as required.
- Parks staff will manage inquiries/concerns from area residents.
- Parks Canada will provide all specifications/technical drawings relating to swale construction.
- Parks Canada will provide maps of the work area, as well as maps showing the location of all staging and material disposal areas.
- Parks Canada will provide gate passes for the contractor and their employees to enter PANP.
- A Parks Canada representative will be available to provide direction to the contractor as required.
- Water lines/grey water disposal boxes in the construction area will be removed and/or capped by Parks Canada prior to the beginning of construction.
- Parks Canada will sign off on site specific adjustments if required to swales during construction.
- Parks Canada and the contractor will conduct a final site inspection as a requirement of completing the project.

- If private trees are compromised during construction (root damage), Parks Canada will contact the affected leaseholder and bear all tree removal costs.

MEETINGS:

- A mandatory site visit will be required on August 20, 2013 prior to bidding.
- There will be a start-up meeting between the contractor and Parks Canada representatives prior to work commencing.
- Once construction is underway, there will be daily progress meetings as required
- Final walk through/completion inspection (on site)

DELIVERABLES:

- All tree removal and clean up, swale construction and landscaping to be completed as per drawings and specifications provided to the contractor by no later than October 18, 2013

PROJECT AUTHORITY:

Terry Schneider
Townsite Manager
Prince Albert National Park of Canada
(306) 663-4519

Appendix A:

