



Surveyor General Branch

Survey Instructions

SGB Project Number: 202014041

Date Issued:

Issued To:

SM Number: SM8206-06241

This is in response to your request for survey instructions dated 2020-06-03. For all correspondence, please reference above project number.

Project Summary

Description: Flooding easement plan

Region of Survey: ONTARIO

Location of Survey: (06241) COUCHICHING INDIAN RESERVE NO. 16A

Type of Survey: Parcel Survey

Parcel Designators or Survey Description

Easement (Flooding) defined by:

1. The upper limit, MNRF Hazard contour, of the easement will be the 339.09 CGVD2013 contour
2. The lower limit of the easement will be the 334.31 CGVD2013 contour line or the best available evidence of the pre-flood water's edge of Rainy Lake.
3. Rectilinear limits are prolongations of the reserve limits where it intersects with easement.

Additionally, contour MNRF's controlled maximum water level contour 337.26, per project 200914194 (or 337.16 match other 2017 T3 surveys) CGVD2013.

National Standards

[National Standards for the Survey of Canada Lands](#)

Specific Requirements

It is the surveyor's responsibility to have all of the information required to complete this project, including both the Indian Lands Registry and Canada Lands Surveys Records information, and to



Surveyor General Branch

notify the Manager, Ontario Regional Office, in advance regarding any departures from these instructions.

Requirements:

- The First Nation Lands Manager must be contacted before entering First Nation lands to undertake this survey.
- The surveyor will provide the products originally requested in project 200914194 and 201914067, updated to current Standards, with adjustments to the lower contour as stated in Survey Description.
- Preparation of a Survey Report;

Other Physical Features:

- All current water's edge (shoreline) contained within the parcel(s) are to be shown as dashed lines, including islands.
- Patented lands within the proposed flooding easement: It is possible that a patent may have been issued for land within the proposed easement. If such an instance is discovered, it will be necessary to send a sketch and other information to the Regional Surveyor and to the First Nation as soon as it is discovered so that appropriate Instructions can be provided.

Datums:

- The horizontal reference system will be NAD83 CSRS. The vertical reference system will be CGVD2013. A note must be shown on the face of the plan detailing the conversion from CGVD2013 to both CGVD1928 and USCGSD

Natural Features or Boundaries:

- When aerial imagery is used to map natural features or boundaries, the draft Regional Chapter No. 2020-02 requirements must be met, except that the ground-truthing interval will be two and a half kilometres (2.5 km).

Survey Monuments:

- The surveyor is required to restore or re-establish lost and obliterated monuments as well as ancillary monuments.
- Monuments are to be planted at intervals not exceeding 300 metres on rectilinear boundaries and two kilometres (2 km.) on non-rectilinear boundaries (i.e. contour lines/parcel limits).
- Monuments are to be planted at all intersections of non-rectilinear boundaries (i.e. contour lines/parcel limits) and rectilinear boundaries.
- All monuments used on this survey must meet the requirements of C.1, s.1.2 of the NS. Equivalent provincial survey monuments are allowed, but must be of ferrous material. NRCan will supply customized rock posts, if requested (see Supplementary Documents ftp site for a picture).

Additional Information:

- Although the "Headlands" issue is a significant issue from the point of view of the First Nation, it is an unresolved issue between the First Nation and the Province of Ontario and cannot be addressed during the course of this survey.
- Authorization must be obtained from the Manager, Ontario Regional Office (ORO) if there is to be any departure from these instructions. Any issues or ambiguities are to be reported to the Manager, ORO immediately upon discovery.
- Any encroachment or third-party interest, affecting the lands to be surveyed, is to be reported immediately to the Manager, Ontario Regional Office and to the First Nation. Any reports are to be supported with sketches and photographs. The surveyor will then be instructed on the treatment of this matter in the survey.
- CLEVER (Canada Lands e-Validation of Electronic Returns) is available when logged in to MyCLSS under the "Data and Tools" menu. This optional application validates the conformity of



Surveyor General Branch

CAD files against the digital spatial file specifications from Appendix E of the “National Standards for the Survey of Canada Lands” (NS).

Survey Report and Field Notes:

- This survey requires a Survey Report. In addition to the requirements of C. 4 of the NS, be sure to address (if applicable) the requirements and procedures done under C. 5 of the NS.

Provisional Returns:

To be submitted via MyCLSS, will consist of:

- one digitally signed pdf (pdf/A-1B) for each plan (regardless of the number of sheets) or field notes in plan form – certified correct per section 37 of the Canada Lands Surveyors Regulations;
- one digital spatial file for each plan or field notes in plan form – refer to the NS Appendix E;
- a pdf of the Survey Report and/or Field notes in book form – certified correct per s.37.
- one copy of all pertinent documents (non-CLSR plans, Land Registry Office PINs or abstracts, copies of any agreements, deeds, for both subject and adjacent lands);

The Surveyor General Branch will forward all Provisional Returns to the First Nation and the Ontario Surveyor General Office for review and comments.

Final Returns:

To be submitted via MyCLSS, will consist of:

- one digitally signed pdf (pdf/A-1B) for each plan (regardless of the number of sheets) or fieldnotes in plan form – certified correct per section 37 of the Canada Lands Surveyors Regulations;
- one digital spatial file for each plan or field notes in plan form – refer to the NS Appendix E;
- a pdf of the Survey Report and/or Field notes in book form – certified correct per s.37.
- ???First Nation approval (include name and title of person signing);

Project specific documentation may also be found at ftp://ftp.nrcan.gc.ca/ess/sgb_pub/ORO...

Supplementary Documents:

- Dataset viewing, Survey Records Index, plan viewing and plan ordering is available at: <http://www.nrcan.gc.ca/clss>

Authorization:

- These Instructions are only issued to a currently licensed Canada Lands Surveyor and expire one year from the date of issue.

Project Contact Information

Kliaman, Cindy
Surveyor General Branch
300 - 655 Bay Street
Toronto, ON
M5G 2K4
(416) 220-5100
cindy.kliaman@canada.ca

Issued on behalf of the Surveyor General of Canada Lands