

LLT RFP Crown Land Shapefile Guidelines

1.0 Introduction

The IESO requires that Project Site boundaries be clearly delineated, including Crown Land Projects. This document provides guidance on the Provincial Crown Land Shapefile and the Federal Crown Land Shapefile (each a "Crown Land Shapefile") submission requirements for Crown Land Projects set forth in the LLT RFP.

These requirements have been developed to achieve the following goals:

- Aid IESO with Proposal evaluation, particularly as it relates to identifying geographic overlap of proposed Crown Land Projects
- Align with the Ministry of Natural Resources ("MNR") requirements for project site identification in connection with its policies for project development on Provincial Crown Lands
- Confirm project site identification for projects seeking to locate in whole or in part on Federal Crown Lands subject to a Survey Permit or Priority Permit
- Provide an easy-to-follow framework as it relates to IESO's procurement processes for Proponents proposing Crown Land Projects, in accordance with industry best practice

Unless otherwise defined in this document, capitalized terms will have meanings ascribed to them in the LLT(e) RFP or the LLT(c) RFP, as applicable.

2.0 Objective & Data Specifications

The IESO's objective in requiring the delivery of a Crown Land Shapefile for Proposals in respect of Crown Land Projects is to delineate and confirm the boundary of the proposed Project Site and, if applicable, the boundary of the Project Site for any Proposal PQ Alternate, for purposes of assessing any geographic overlap as between Crown Land Project Proposals. Crown Land Shapefile requirements have been developed in a manner aligned with MNR requirements for spatial identification and industry standards.

2.1 Main Requirements to Satisfy Objective

The Crown Land Shapefile must be provided in a shapefile format and include all files associated with the shapefile and necessary for its proper functioning, which will at a minimum include: .shp, .shx, .dbf, and .prj.

The polygons for the Provincial Crown Land Shapefile and the Federal Crown Land Shapefile must be provided in separate shapefiles and must not be combined in one shapefile.

The Provincial Crown Land Shapefile should use the following file naming convention:

LLT_ **P** _PB_ *InsertProjectName_ InsertProponentName*

The Federal Crown Land Shapefile should use the following file naming convention:

LLT_ **F** _PB_ *InsertProjectName_ InsertProponentName*

Provincial Crown Land Shapefiles must establish a single polygon shape representing the outline of the boundary of the portions of the proposed Project Site located on Provincial Crown Lands, as well as a separate single polygon shape representing the boundary of the portions of the Project Site that are located on Provincial Crown Lands for any Proposal PQ Alternates included as part of the Proposal.

Federal Crown Land Shapefiles must establish a single polygon shape representing the outline of the boundary of the portions of the Project Site that are located on Federal Crown Lands, as well as a separate single polygon shape representing the boundary of the portions of the Project Site that are located on Federal Crown Lands for any Proposal PQ Alternates included as part of the Proposal.

All Crown Land Shapefiles must use the NAD 83 Ontario MNR Lambert Conical projected coordinate system: EPSG: 3161 (NAD83/Ontario MNR Lambert) to establish the Project Site(s) polygons. For more information on the projected coordinate system: [NAD83 / Ontario MNR Lambert - EPSG:3161](#)

Note that, for Provincial Crown Land Projects, Proponents will be required to attest that the Project Site information contained in the Provincial Crown Land Shapefile is consistent in all material respects with the Project Site information included in the Proponent’s Public Land Site Report Form in respect of the Proposal.

Note that, for Federal Crown Land Projects, Proponents will be required to attest that the Project Site information contained in the Federal Crown Land Shapefile is consistent in all material respects with the Project Site information included in the Proponent’s Survey Permit or Priority Permit, as applicable.

2.2 Other Requirements

The attributes for each Project Site should be reflected in the Crown Land Shapefile as outlined below:

Attribute Name (Full)	Attribute Name (Short)	Attribute Type	Description
Project Name	Proj_Name	String (100 Characters)	Full name of the proposed Crown Land Project
Proponent Name	Prop_Name	String (100 Characters)	Full name of the Proponent
Proposal PQ Status	PQAlt_Name	String (50 Characters)	This field should only include one of the three following values for each record; “Primary Proposal PQ”, “PQ Alt 1”, or “PQ Alt 2”
Applicant of Record ID# (if applicable to	AOR_ID	String (50 Characters)	Serial number issued by MNR identifying the Applicant of Record (e.g., WP-2005-XXX, DSR-2005-XX, WSR-2007-XX)

the Provincial Crown Land Project)			
Survey Permit or Priority Permit (applicable to Federal Crown Land Projects only)	Perm_Type	String (50 Characters)	This field should only include one of the following two values; "Survey Permit" or "Priority Permit". The field must be completed for all Federal Crown Land Shapefiles.

The table below provides an illustrative example of what a typical attribute table would look like for a proposed **Provincial Crown Land Project** where the Proponent is the Applicant of Record for the Project Site:

Proj_Name	Prop_Name	PQAlt_Name	AOR_ID	Perm_Type
Project 1	Proponent X	Primary Proposal PQ	WP-2005-XX	N/A
Project 1	Proponent X	PQ Alt 1	WP-2005-XX	N/A
Project 1	Proponent X	PQ Alt 2	WP-2005-XX	N/A

The table below provides an illustrative example of what a typical attribute table would look like for a proposed **Federal Crown Land Project** where the Proponent holds a Survey Permit for the Project Site:

Proj_Name	Prop_Name	PQAlt_Name	AOR_ID	Perm_Type
Project 1	Proponent X	Primary Proposal PQ	N/A	Survey Permit
Project 1	Proponent X	PQ Alt 1	N/A	Survey Permit
Project 1	Proponent X	PQ Alt 2	N/A	Survey Permit

2.3 Template Shapefile

A template sample shapefile has been developed following the above specifications. The template can be found here: [Crown Land Shapefile Template](#). Proponents are encouraged to follow the template for both Provincial Crown Land Projects and Federal Crown Land Projects (i.e., the same template applies to both). Any failure of the Proponent to follow this protocol in a manner that enables the IESO (or its vendor) to satisfy the above-noted objectives may result in the disqualification of a Proposal in respect of a Crown Land Project. **The polygons for the Provincial Crown Land Shapefile and the Federal Crown Land Shapefile must be provided in separate shapefiles and must not be combined in one shapefile. If a Proposal is subject to both Provincial Crown Land Shapefile requirements and Federal Crown Land Shapefile requirements, the Proponent must submit a separate Provincial Crown Land Shapefiles and a separate Federal Crown Land Shapefiles.**

3.0 Use of Vendor

The IESO may retain an external vendor to perform the above-noted review of Crown Land Shapefiles to assess geographic overlap of proposed Project Sites.

Any such findings will be based on conditions and criteria that existed at the time of Proposal submission and the assumptions and qualifications set forth in the Crown Land Shapefile, and do not constitute a legal opinion, guarantee, warranty or representation by the IESO and any such vendor as to compliance of the Proponent with any applicable Laws and Regulations or as to any entitlement of the Proponent to land tenure or development rights in respect of Crown lands.

4.0 Appendix

Illustrative examples of a completed Crown Land Shapefile for a Proposal that includes two Proposal PQ Alternates:

