
Seismic Surveying

Seismic Surveys on County Lands and in County Road Allowances

Procedures

1. Where seismic crews desire to use lands in Strathcona County for the purpose of conducting seismic surveys, the *Strathcona County Protocol for Seismic Surveying Drilling, Construction and Operation of Oil and Gas Facilities in Strathcona County* will apply.
2. Prior to using or crossing County roads for the purposes of seismic surveying, a person or organization must
 - a. registers with the County the names of all of the persons that will act on behalf of the organization and provides a plan of the proposed activity including: a map, timeline, type of activity and a sample copy of all forms and contracts they may be using;
 - b. provide written notice to the County of all the details of the seismic surveying program at least two (2) weeks prior to the commencement of the program;
 - c. enter into a Road Use Agreement (RUA) and/or Right-of-Way Construction Activity Permit (ROWCAP) prior to seismic surveying, as required by the County, including a Traffic Accommodation Plan (TAP) if public or private road use on any County road may be disrupted;
 - d. provide a plan for the restoration of the road right-of-way and County infrastructure
 - e. submit a clubroot management plan
3. If an RUA is required through Strathcona County, the Transportation and Agriculture Services department requires a minimum of five (5) business days to process the RUA request
4. The proposed TAP must meet the minimum signage requirements in the Transportation Association of Canada's *Manual for Uniform Traffic Control Devices for Canada* for all activities within the road right-of-way, and must be approved by the County prior to the commencement of the seismic surveying project.
5. A ROWCAP is required for all activities in the road right-of-way. The application for a ROWCAP must include a temporary TAP that shows the signage plan and all County infrastructure.
6. Any open cut or ground disturbance of infrastructure must be approved in the ROWCAP with special provisions for restoration and inspections requirements from a County representative.

7. Should a temporary or permanent construction access be required, application can be made to the Transportation and Agriculture Services Department, or by visiting: <http://www.strathcona.ca/accessapproach> for an access approach application.

Note: Both a RUA and a ROWCAP are required when crossing or accessing County roads.

8. If the proposed seismic surveying route intersects areas of Priority Environment Management Areas (which will be identified upon notification of the project to Strathcona County), various Low Impact Seismic methods may be required to avoid the creation of a 5 m wide linear grid of clearing through these areas. Such clearings not only degrade the remaining wildlife habitat resources in Strathcona County, but also remain evident on the land in the long term as a result of a short-term activity;
9. Strathcona County Emergency Services (SCES) is to be consulted with regard to any burning of trees/brush on the location(s) concerned. SCES will determine if a burning permit can be issued or if the trees/brush must be removed and/or chipped.
10. No cutting of trees or uses of dynamite on County lands are permitted.
11. Planning and Development Services will provide a written response to industry regarding a seismic surveying proposal. The Energy Exploration Liaison will outline the County conditions and requests in the written response.

Responsibilities

Planning and Development Services

- Receive proposals for seismic surveying
- Provide County requirements for seismic surveying proposals in the County
- Outline requirements to apply for permission from Strathcona County Land Management Services (as the County landowner) to grant conditional access through County land where applicable and specific to the seismic surveying project
- Process land agreements (where granted) specific to the seismic project

Transportation and Agriculture Services

- Process temporary and permanent construction access applications
- Process RUAs and ROWCAPs
- Process clubroot management plans

Emergency Services

- Provide input regarding tree or brush burning or removal on proposed seismic surveying locations

Definitions

Seismic surveying - any activity carried out for the purpose of determining the nature and characteristics of land for exploration purposes which activity includes, but is not limited to, the use of explosives and vibration equipment.

County road – any road or highway under the care and control of Strathcona County, as set out in the *Municipal Government Act*, RSA 2000, c. M-26, the *Highways Development and Protection Act*, SA 2004, c. H-8.5, or any other enactment, and includes road allowances.

Procedure Record

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Approved by:



Stacy Fedechko
Director
Planning and Development Services

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Date