

**SASKATCHEWAN LAND SURVEYORS ASSOCIATION  
SASKATCHEWAN LAND SURVEYOR'S EXAMINATION**

PAPER 1

March, 2015

**THE LAND SURVEYS ACT AND REGULATIONS**

MARKS

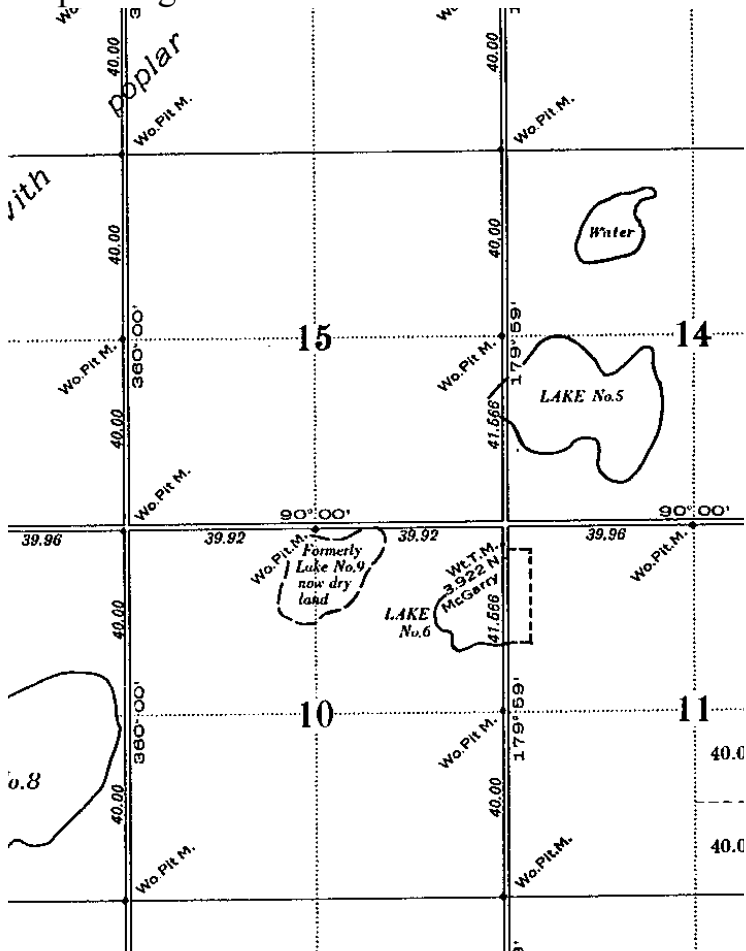
TIME: 3 hours

- 6        1. List the meaning of each of the following abbreviations commonly seen on plans of survey, as shown in Appendix 2 of the *Land Surveys Regulations: Appr, BM, BT, cs, chd, Cop, Ded, F, Pr, St, T, WOP.*
- 5        2. Section 80(1) lists six offences under the act. The section begins “No person shall.” List at least five of the offences listed.
- 12       3. List the four cases where a Type I Descriptive Plan may be submitted for approval and the requirements (if any) in each case.
- 5        4. Explain why the North and South Limits of the road allowance on a correction line are not parallel.
- 10       5. a) The *Land Surveys Act 2000* states that Every surveyor shall: a) make and keep exact and regular field notes, in the prescribed manner, of all surveys conducted by the surveyor pursuant to this Act; and b) if requested by the controller: i) exhibit the surveyor’s field notes to the Controller; or ii) provide copies of the surveyor’s field notes to the controller. List the information that must be included in field notes as required by section 34 (2) of the *Land Surveys Regulations.*
- b) Describe what is meant by corrected data, raw data and reduced data.
- 6        6. Describe with the aid of a diagram the monuments which were originally established at the following corners:
- a) Ordinary Section Corner, 1885 prairie
- b) Ordinary Quarter section corner, 1909 bush
- 15       7. Your client has engaged you to post all the corners of an existing metes and bounds parcel in the North East  $\frac{1}{4}$  of section 10. The sketch of the township plat and the parcel description are attached to the end of this exam. With the aid of diagrams, describe the possible parcel and show how and where you would post the corners. Provide an answer for the case where the deflection is left at the witness monument and also provide an answer for the case where the deflection is left at the NE of 10. Discuss in detail why you might encounter either situation

- 5 8. According to section 31(1) *The Land Surveys Act, 2000* list at least five circumstances where a plan must be submitted to the Controller of surveys for approval.
- 4 9. List the means of determining the boundaries of unmonumented railway lines as stated in Section 105 of the *Land Surveys Regulations*
- 10 10. Section 72 of the *Land Surveys Regulations* outlines various methods for re-establishing a blind line and also methods to place the 1/4 monument on that blind line. Describe in order of descending priority those methods. Use sketches for clarity.
- 10 11. a) What systems of survey, other than the first, second or third, can be found in Saskatchewan and where in the province would you find them?  
b) Describe how error due to convergence is handled in each of the first, second and third system of surveys.  
c) What is the difference between azimuth and bearing?  
d) Where would you find township 19A and why does it exist?
- 5 12. a) Section 77 of the *Land Surveys Act, 2000* allows for compelling the attendance of a witness. Outline the procedure that a land surveyor must follow to compel the attendance of a witness.  
b) What is the maximum fine that can be levied for a witness failing to comply.
- 7 13. According to Section 5 of the *Land Surveys Act, 2000*  
a) Who may appoint a person as Controller of Surveys:  
b) What are the two requirements a person must have in order to be eligible to be appointed as controller of surveys?  
c) What is the Controller responsible for?

Question 7 Plans and information

Twp 41 Rge 3 W3m



All that portion of the North East Quarter (NE<sup>1</sup>/<sub>4</sub>),  
of Section Ten (10),  
in Township Forty—one (41),  
in Range Three (3),  
West of the Third (3rd) Meridian,  
in the Province of Saskatchewan,  
in the Dominion of Canada,

DESCRIBED AS FOLLOWS: Commencing at the North East corner of the said Quarter Section; thence Southerly along the East boundary thereof ---660--- feet; thence Westerly and parallel with the North boundary of said Quarter Section ---660--- feet; thence Northerly and parallel with the said East boundary to the said North boundary to the point of commencement.