Drainage Engineers Course - The Other Reports Under the Drainage Act
October 2016

Program

Through the provisions of the Drainage Act, drainage practitioners are instructed to prepare drainage reports to create new petition drains (under Section 4) or improve existing municipal drains (under Section 78). However, practitioners can also prepare other reports to address various drainage matters, through the Act.

At the end of the course, attendees will have a diverse and working knowledge of the “Other” drainage reports that can be prepared through the benefits of the Drainage Act. This workshop is directed to employees of engineering firms. If space is available, registration will open to the general audience.

- **Reports Under Drainage Act Sections 77(2) and 62(2)** Sid Vander Veen, Drainage Coordinator, Ministry of Agriculture, Food and Rural Affairs
  Engineers may be required to prepare reports under Section 77(2) and Section 62(2) of the Drainage Act. These are seldom used sections that usually have even experienced drainage engineers thumbing through their copy of the Drainage Act. Find out situations where these sections are used and the responsibilities of the drainage engineer.

- **Section 40 Engineer’s finding, drainage works not required, etc.** Mark Hernandez, P.Eng., Dillon Consulting Limited
  Section 40 of the Act is not often required but is a useful tool for the engineer when the requested work is found to be not required, impractical or cannot be constructed under the Act.

- **Section 65 of the Drainage Act – Changes in Assessment** – Gerard Rood, P.Eng., President, Rood Engineering Inc.
  When lands are subdivided or severed into smaller pieces, or change their drainage outlet or quantity of flow, their assessments need to be updated to reflect the changes in size, runoff or watershed use. Updated assessment values need to be provided for each new or changed parcel. After being instructed by the Clerk, the engineer prepares a drainage report with the required information for future sharing of maintenance costs and submits it to the Clerk for distribution to the affected landowners.

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• **Varying Original Assessments for Maintenance – Section 76** Antonio (Tony) B. Peralta, P.Eng., President & Drainage Practitioner, N. J. Peralta Engineering Ltd.

When a drainage system has endured changes or circumstances have arisen that causes the current governing maintenance schedule to be out-of-date, a Municipality may appoint an Engineer to prepare a report to vary the assessments of the governing municipal drain by-law. The varying of the current governing Schedule of Assessment is created in order to properly distribute the costs of maintenance to all affected landowners. The new Maintenance Schedules of Assessment is intended to provide the basis for levying any future maintenance costs for a drainage system.

• **Section 84 – the Drainage Act, RSO 1990, c D.17** Jeff Dickson, R.J. Burnside & Associates Limited

The proper procedure to be complied with in regards to the abandonment of all or part of a drainage works including when an engineer’s report is required, procedures on report, abandonment by Council and disbursement of remaining funds.

• **Mutual Agreements** Michael Gerrits, P. Eng., R. Dobbin Engineering Inc.

Mutual Agreement Drains evolved from Ditches and Watercourses Act which was passed in 1847. Prior to Mutual Agreements Drains, landowners requiring drainage could enter an agreement with their neighbors and obtain a sufficient outlet. Mutual Agreement Drains are an effective means to provide landowners with a sufficient outlet for their water when all parties can agree on the drain alignment, construction, financing and maintenance procedures. Although it is recommended, Mutual Agreement Drains do not require an engineer.

• **Preparing and Presentation of Tribunal Reports** John Kuntze P.Eng., K. Smart Associates Limited

Review the process for the Engineer when a Report has been appealed to the Drainage Tribunal. The session will provide guidelines and comments on preparing for and presenting at a Tribunal Hearing. Process for the Engineer when a Report has been appealed to the Drainage Tribunal. Comments on preparing for a Tribunal Hearing and presenting at a Tribunal Hearing.