



# The Corporation of the District of Central Saanich

## MEMORANDUM

**To:** Nirmal Bhattacharya, P. Eng. Municipal Engineer  
**From:** Yvan Sylvestre, Sr. Eng. Tech.  
**Date:** 08 April 2010  
**Subject:** Northwest Quadrant Water Servicing Conceptual Design Report

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### **RECOMMENDATION:**

- 1) That Council receive the Northwest Quadrant Water Servicing Conceptual Design Report for information,
- 2) The report be referred to the CRD for review and comments in consideration of any Saanich Peninsula water servicing implications.
- 3) Council direct Staff to obtain any additional technical background information that Council may wish to receive in this regard, and
- 4) Council provide direction to Staff on any next steps that it may wish to pursue with respect to this matter.

### **BACKGROUND:**

At the Special Open Council Meeting held August 17, 2009, Council received the submission of a petition with 49 signatories from residents north and west of Mt. Newton Cross Road requesting municipal water for fire protection and potable water.

In response to the receipt of that petition, Council passed the following motion at the Special Open Council Meeting held August 17, 2009:

*That the correspondence be received and:*

1. *Referred to Staff and the Fire Department for review and appropriate action as required, or recommendation back to Council if considered warranted; and further,*
2. *That Staff investigate the feasibility and cost of a District led initiative to provide water to the area identified on the attached map for potable drinking water and fire suppression at a minimum.*

**DISCUSSION:**

Accordingly, Staff retained the consulting services of Kerr Wood Leidal to undertake a high level feasibility study of potential servicing options for potable water and fire flows were it to be provided to the North West Quadrant of the District. The study consisted of the following tasks:

- Investigate three different potential water sources,
- Develop associated distribution system conceptual design for each source,
- Determine impacts on the existing water system and consider potential risks,
- Prepare Class D (rough order of magnitude sufficient for comparison of options) cost estimates, and
- Identify needs for possible further study including estimated additional study costs.

The associated report has been completed and is attached as Appendix "A" to this memorandum. A presentation outlining the findings of the study is scheduled for the April 12, 2010 Committee Meeting.


**RECOMMENDATION:**

- 1) That Council receive the Northwest Quadrant Water Servicing Conceptual Design Report for information.
- 2) The report be referred to the CRD for review and comments in consideration of any Saanich Peninsula water servicing implications.
- 3) Council direct Staff to obtain any additional technical background information that Council may wish to receive in this regard, and
- 4) Council provide direction to Staff on any next steps that it may wish to pursue with respect to this matter.

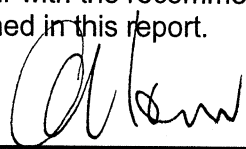
Respectfully submitted,

  
Yvan Sylvestre, ASCT  
Senior Engineering Technologist

I endorse the recommendation contained in this report.

  
Nirmal Bhattacharya, P. Eng.  
Municipal Engineer

I concur with the recommendation contained in this report.

  
Gary C. Nason,  
Administrator