



The City of Nanaimo is pleased to announce the official commissioning of its new Reservoir No 8, located in Southwest Extension at a ceremonial valve-turning and barbeque on June 18, 2010. This occasion will mark the implementation of this \$4.5 Million reservoir and control station, which will serve the Cinnabar, Chase River and Sandstone lands with balancing storage and fire protection services. It is the culmination of several years work to secure the property, develop the pipe network and construct the concrete tank and station.

The contractor on the project, Maple Reinders of Kelowna, and engineering company, Koers & Associates are pleased to host a barbeque and extend a welcome to the Mayor and Chief, Nanaimo and Snuneymuxw Councils and representatives from Southwest Extension to tour the project site, enjoy a lunch, and see a key piece of infrastructure in water supply to the south end of Nanaimo.

Vans will leave Nanaimo City Hall at 11:30 am on Friday June 18, and will return by 1:30 pm. Local media are also invited to participate.

Please RSVP to fran.grant@nanaimo.ca to advise your attendance.

Wm. D. Sims, AScT
Manager, Water Resources
City of Nanaimo

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Extension Reservoir No 8 – Further Background

Project Statistics

Reservoir capacity: 865,000 Imperial gallons (3,930 cubic metres)

Dimensions: 28 metres square, by 6 metres tall

Supply into control building: 600mm diameter (24 inches)

Supply to Duke Point main: 750mm diameter (30 inches)

Reduction in pressure in Duke Point main: 900 kPa (130 psi)

Both the reservoir and control building are classified as 'post-disaster' meaning they will withstand a major earthquake.

Total costs for the project: \$5.0 Million, including land purchase, engineering, two major construction contracts. This was funded from Development Cost Charges.

Engineering

Project engineers: Koers & Associates Engineering Ltd
Chris Downey, Sheldon Sookachoff

Electrical/structural: Associated Engineering Ltd

Geotechnical: Levelton Consultants

Construction

General Contractor: Maple Reinders, Kelowna
Peter Loch, Bodo Papke

Pipework: Palladian

Electrical: Houle Electric, WL Solutions

Mechanical: CoGen Mechanical Ltd

Concrete: D&R Concrete, Harris Reinforcing