



# Levack Water Supply Project Update

Presentation By:

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Services

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Facilities Engineer

Date: January 30, 2008



## Agenda:

- **Introduction & Background** — Greg Clausen
- **Detailed Scope of Work** — Brad Johns
- **Cost Estimates** — Brad Johns
- **Project Funding** — Greg Clausen
- **Consulting Engineering Services** — Greg Clausen



# INTRODUCTION & BACKGROUND



**November 2003**

- INCO (now Vale Inco) notified CGS
- Terminating of potable water service to community of Levack as of Jan. 2005
- CGS now required to develop alternate water supply for the community



## DETAILED SCOPE OF WORK



### **Class Environmental Assessment**

- Retained Dennis Consultants – Jan. 2004 & later involved KPMG and Golder & Assoc.
- EA objective - evaluate number of alternatives and select a preferred alternative
- Inco & MOE agreed to extension of deadline - December 31, 2008



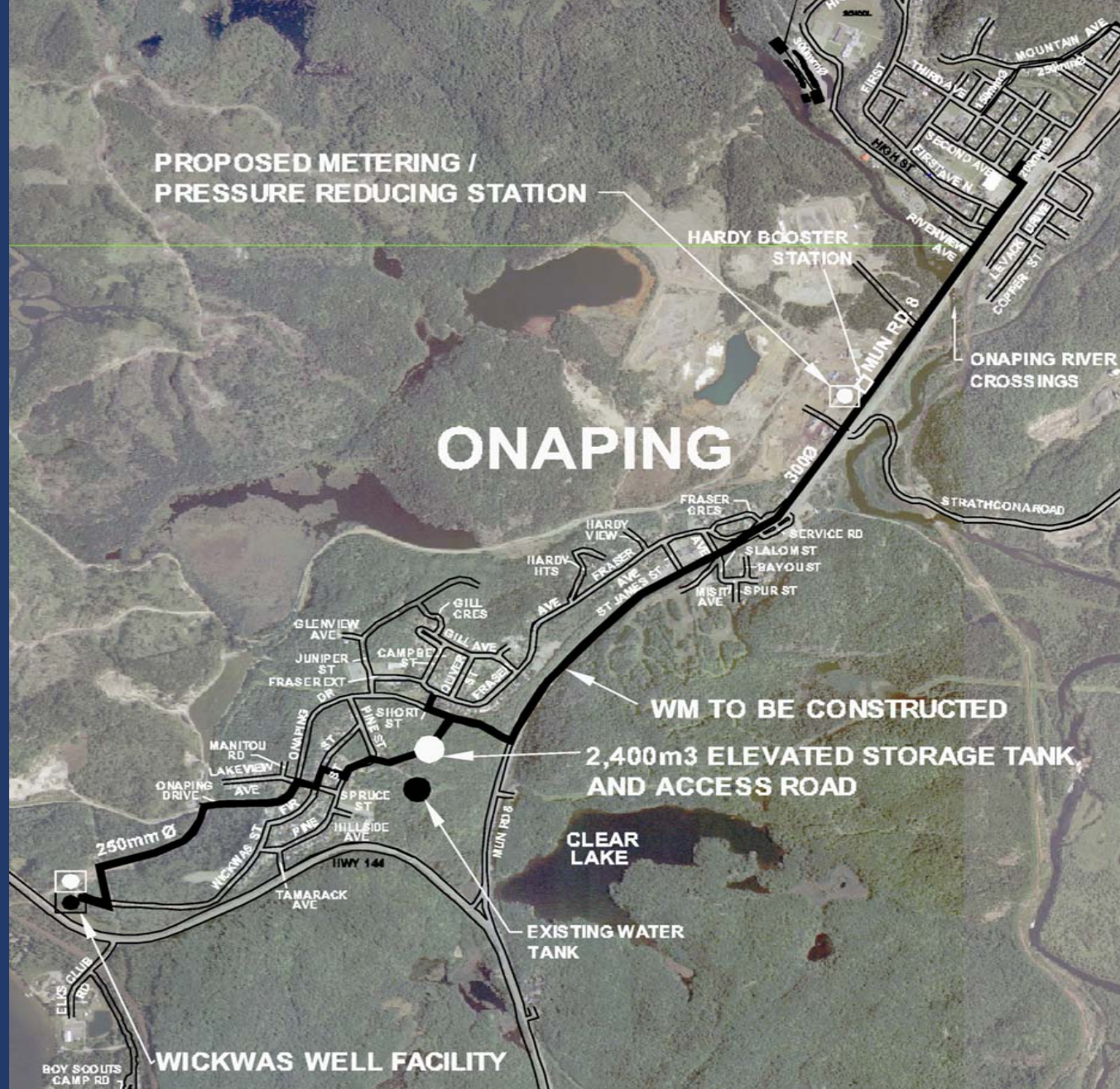
## DETAILED SCOPE OF WORK



### Preferred Alternative

- Purchase of Xstrata Wickwas Well system
- Extend existing distribution system from Onaping into Levack









# DETAILED SCOPE OF WORK



## Benefits to Levack and Onaping

- Improved water pressure in Onaping;
- Less variability in water quality
- Increased water storage volumes for Onaping and Levack.
- Increased fire protection for Onaping and Levack.
- Improved security of supply to Onaping, Levack and Xstrata.
- CGS is now completely independent of Xstrata & Inco for the provision of water to Onaping & Levack
- Amalgamation of two systems into one
- Expanded customer base to include Xstrata & former private water users in the private industrial park





# TOTAL PROJECT COST ESTIMATE



	Project Components	Completion Date	Cost (2008 \$)
1	Work completed to date	Completed	\$900,000
2	Construction Contracts – 6	Sept. 2008	\$15,425,000
	Trunk Watermains (3)		
	Elevated Tank & Access Road		
	Wickwas Wells Facility Upgrades		
	Pressure Control Building		
	Contingency		
3	Purchase of Xstrata's Wickwas Water System	July 2008	\$2,175,000
<b>Total Project Costs</b>			<b>\$18,500,000</b>



## PROJECT FUNDING

<b>Total Estimated Cost</b>	<b>\$18,500,000</b>
<b>Capital Funds Previously Approved</b>	<b>\$ 3,500,000</b>
<b>Unfunded Balance</b>	<b>\$15,000,000</b>

### **Funding Sources:**

- Vale Inco
- Province – MIII Program
- Federal – COMRIF?
- Future Capital Budgets



## CONSULTING ENGINEERING SERVICES



### **Recommendation:**

THAT Council approve the single sourcing of the detailed design, construction supervision, testing services, and contract administration for the final preferred alternative for the Levack Water Supply Project to Dennis Consultants at a cost of one million four hundred and thirteen thousand dollars (\$1,413,000.00), excluding GST, as per their proposal dated September 28, 2007 as an extension to the existing City Contract Number PWD04-29, all in accordance with the report from the General Manager of Infrastructure Services dated January 18, 2008.



## **THANK YOU**

*“Every drop matters – Every  
customer counts”*

## Questions?

