

Bringing Sewers to Skaha Estates & Kaleden

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Meeting Outline

- Introductions
- Information: Display boards & Handouts
- Maps - Service Area Boundaries
- Grant Program
- Estimated Costs
- Next steps
- Estimated Timeline
- Feedback
- Questions

Grant Program

- New Building Canada Fund – Small Communities Fund (NBCF-SCF) Program
- Canada/British Columbia funding agreement
- First Application in February 2014
 - Reviewed well and met criteria
 - Additional information wanted on service areas and level of public support
- New Application due April 28, 2016
 - 4-6 month waiting period

Grant Program

- April Application will include Phase 1 Details:
 - Skaha Estates Collection System
 - Conveyance to Okanagan Falls Sewer System
- Phase 2 details will also be included in the application as part of the overall sewer project
 - Kaleden Collection System
 - Upgrades to WWTP for Solids Dewatering
- Application for Phase 2 will be in 3rd Intake
 - Estimating 1-3 years from April's intake

Summary of Cost Estimates

Option 1

Installing Submerged Lake
Forcemain & shared KVR
Forcemain

- Phase 1: \$ 14.4 M
- Phase 2: \$ 9.6 M
- TOTAL: \$ 24 M

Option 2

Installing separate
conveyance Forcemains on
Eastside Rd and KVR

- Phase 1: \$ 12.0 M
- Phase 2: \$ 12.0 M
- TOTAL: \$ 24 M

Canada/BC Grant provides 2/3 Funding = \$ 16 M

Remaining Cost to Property Owners = \$ 8 M

These costs assume only base areas sewerred (No extra areas)

Summary of Cost Estimates

- Total Capital Cost = \$23,000/connection
- Assuming borrowing at 3.0% for 20 years then Annual Capital Cost = \$1,500/connection
- Annual Operations & Maintenance = \$200-300 per connection
- Estimated total Annual cost per connection: \$1700
- Capital Cost estimates do not include
 - Works required on each individual property from the property line to the building
 - Decommissioning of existing septic systems

After successful grant application:

- Determination of Service Area Boundaries
- Referendum to be held within 6-8 months
 - Service Area Boundaries & Expected Borrowing Costs
- Initiate Detailed Design
 - Looking for ways to reduce pumping needs – ROWs
 - Alternative technologies – *i.e. Vacuum sewer*
 - Preparation of final designs for moving to construction
- Begin all Assessments & Approvals required
 - Ministry of Environment
 - Ministry of Transportation & Infrastructure
 - Provincial Crown Lands
 - First Nations – Penticton Indian Band & ONA initially
 - Federal Department of Fisheries & Oceans

- All assessments and approvals finished
- Preparation of Tender documents for construction
- Construction
- Commissioning of main sewer lines
- Connection by property owners onto new system
- Decommissioning septic system

- During entire project a **KEY** aspect is going to be Communication with the communities & keeping residents informed along the way

Estimated Timeline

Phase 1: Sewers to Skaha Estates

Complete Referendum 6-8 months

Detailed Design Completed 1-2 years

- Assessments & Permitting
- Finalize service areas designs

Tender & Construction 2 years

Connection to new Sewer by Property Owner within
1 year after construction completed

Estimate 4-5 years from project start to completion

- *Phase 2: estimated similar timeline following successfully achieving grant funding*

Information & Feedback

- Email database:
 - Set up strictly for providing updates on the sewer project; Updates will go out as a BCC
 - Please send an email to Lbloomfield@rdos.bc.ca if you would like your email added to the list
- Before you leave please provide your feedback
 - Discuss questions with committee & staff
 - Leave stickie notes on the boards directly
 - Feedback survey
- All presented material will be available online on Thursday April 14

Thank you!

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