

Liquid Waste Management Plan (LWMP) Service

2013 – 2017 Financial Plan

LWMP Service

2012 Highlights – grant application

- Completed grant application for the south sewer project as part of a second intake under the general strategic priorities fund
- Application supported by an integrated resource recovery study and a presentation to the Ministry of Community, Sport and Cultural Development
- Funding announcements expected in early 2013

Executive Summary - South Regional Wastewater Management and Resource Recovery

Background (the need...)

The south communities of Bryson and Union Bay are densely populated, residential areas located south of Courtenay on the west coast of Vancouver Island in the Courtenay Valley Regional District (CVRD). These communities need to replace failing septic systems to prevent the continued contamination of surrounding waters in Bryson Sound, the most prolific natural shellfish harvesting area in BC.

Union Bay is an historic small mining town developed throughout the 1950s, and although it has seen a steady population rise of almost 10,000 people, the area has never had community sewer treatment. All of the existing houses and buildings in Union Bay use onsite septic systems for wastewater treatment. Typical lot density is equivalent to, or an order of magnitude greater than, those found in these municipal neighbourhoods served by sewer and sanitary sewer services. A great septic field performance study shows that half of onsite septic fields in Union Bay are failing.

Recreation is an important logging area also developed throughout the 1950s, and as in Union Bay, all of the houses and businesses in Bryson Sound require septic systems for wastewater treatment. Most of Bryson has been concentrated with single lot densities or as fully serviced urban settings.

The Village of Cumberland has approximately 3,000 residents located west of Courtenay near Courtenay Lake. Cumberland is an historic small mining town that served as the main community in support of area coal mines in the late 1930s through to the 1970s when the last of the coal mines were shut down. The Courtenay Valley Regional District has an existing wastewater treatment facility consisting of lagoons and secondary treatment. The Village of Cumberland has a long history of sewer service, but has not upgraded its sewer system to all of these surrounding communities. The CVRD has been successful in securing a grant from the Province of BC to fund a sewer main project in the Courtenay Valley. The CVRD has been successful in securing a grant from the Province of BC to fund a sewer main project in the Courtenay Valley.

POLLUTION PREVENTION HIERARCHY

2012 Application Form Capital Projects

Under the Gas Tax Agreement's General Strategic Priorities Fund (GSPF) or Innovations Fund (IF)

Applicant Information:

Name Primary Applicant: Courtenay Valley Regional District	Name of Co-applicant (if applicable): Village of Cumberland K'omoks First Nation (KFN) (partner)
Primary Contact Name: Marc Butler, Service Manager of Engineering Services, CVRD	
Phone: (250) 334-6080	Fax: (250) 334-4358
	E-mail: mbutler@comoxvalley.ca

Grant and Project Identification:

Project Name: South Regional Wastewater Management and Resource Recovery - Stage 1

Was this project the subject of an application under the 2010-2011 GSPF-IF Intake?
 Yes No Previous Application # GSPF-IF-2222

Pending Request:

GRANT AMOUNT REQUESTED: \$15,000,000

LWMP Service

2012 Highlights – rainwater management

- Completed a legal and technical review of CVRD bylaws to better understand the CVRDs risks and responsibilities related to rainwater management
- A separate report related to this work will be provided in early 2013



LWMP Service Revenue Requirements

- The proposed financial plan includes an increase in required revenue resulting in a tax requisition increase from 3.3 cents to 3.7 cents per \$1,000 assessed value
- The plan also shows \$80,000 of CWF (\$35,000 to fund rainwater management and \$45,000 to further progress the south sewer project)

LWMP Service Personnel

- Staffing levels are projected to remain unchanged
- An engineering analyst will be dedicated for planning work on liquid waste management initiatives

LWMP Service 2013 Work Plan

- Leveraging from the legal and technical review project completed in 2012 the financial plan includes a pilot project that demonstrates inter-jurisdictional rainwater management best practices
- Continue to progress the south sewer project
 - Environmental impact study
 - P3 business case analysis
 - Project management

End