



# LIQUID WASTE MANAGEMENT PLAN

NEWSLETTER | OCTOBER 2016

Cumberland has restarted the Liquid Waste Management Plan process. The goal is to come up with a sustainable, “made in Cumberland” solution for long term wastewater treatment.

**Public Open House, Tues. Nov. 1, 2016 – Grant Funding Opportunity**



## What's happening?

A new grant funding opportunity for Cumberland's wastewater treatment has become available. The joint Federal-Provincial Clean Water and Wastewater Fund was announced on September 29. This fund will provide up to 83% of the cost of eligible water, wastewater and stormwater treatment projects. It is a great opportunity for Cumberland to secure funding for treatment upgrades. As a result, the Committee has fast tracked the work on the various treatment options to be able to make an application to this fund.

Please join us for another Open House to learn more about this, and give us your feedback.

### Public Open House

6:00 pm - 9:00 pm, Tuesday November 1  
Council Chambers, 2675 Dunsmuir Avenue

Committee meetings are open to the public, and attendance is welcomed. Agendas, minutes and updates will be posted on the Cumberland website.



## Project Stages

The BC Ministry of Environment regulates the LWMP process, and there are three stages, all of which must include comprehensive public involvement and consultation.



### 1 Identify

- ✓ Define the baseline – Where are we now?
- ✓ Set the goals, using the OCP for context – Where do we want to be?
- ✓ Develop the “long list” of options – How do we get there?
- ✓ Screen the options to the “short list”
- ★ Identify any knowledge gaps and further studies needed to fill them

### 2 Evaluate

- Detailed evaluation of the short list
- Carry out required studies, how do they impact the options?
- Select preferred option

### 3 Adopt

- Detailed study of preferred option
- ★ Identify steps for implementation
- Develop financing plan
- Decision to adopt and implement
- Approval by Minister of Environment

★ Where we are now



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## What is the Funding Opportunity?



The new Clean Water and Wastewater fund is designed to help municipalities upgrade water and wastewater treatment systems to meet new and existing regulations. For Eligible projects the cost sharing will be 50% federal, 33% provincial and 17% municipal. With previous previous funding programs the municipal share has been 50% or 33%, so this is a significant improvement. This a great opportunity for Cumberland to secure outside funding for wastewater treatment upgrades.

### What's the Catch?

Applications to the fund must be submitted by November 23, 2016, and the project must be completed by March 31, 2018. This is a short timeframe for a treatment upgrade project, but it can be done. It requires Cumberland to quickly decide on a treatment system, and make an application accordingly.

### What are the Treatment Options?

There are two categories of treatment systems that can be done in the time available – an upgraded lagoon system, or a full mechanical treatment plant. A constructed wetland is not an option for the main treatment system, but it is a possibility for final polishing of the water. There are several variations within these categories that will be displayed and discussed at the Open House.

### What's it Cost?

Estimated costs for various treatment systems are in the range of \$12 to \$20 million. Under this funding program, Cumberland's share would be \$2.5m to \$4.2m.

If you have any ideas, concerns or comments, you can email them to [LWMP@Cumberland.ca](mailto:LWMP@Cumberland.ca), or send or deliver them to the Village office located at 2673 Dunsmuir Ave.



# FAQ



### Q: What is the difference between "treatment" and "discharge"?

A: The purpose of wastewater treatment is, quite simply, to remove the "waste" from the "water", and produce water that is clean enough for "discharge." The "discharge" is the place where the water returns to the natural environment, which is currently Maple Lake Creek.

### Q: What about the storage and other discharge options discussed at the September Open House?

A: Those will be studied over the next year, as part of the normal LWMP process. Advancing the treatment work means that the water quality will be ready for them sooner rather than later.

### Q: What about Phosphorus – Does the treatment process need to remove it to very low levels?

A: Only if we want to put water into Maple Lake Creek from May to September. The treatment upgrades will meet the winter phosphorus requirements, and if we store the summer water for discharge in the following winter, then no additional phosphorus treatment is needed.

**It's your village, have your say!**

## Wastewater Advisory Committee Representatives



### Public Members

Ken Barth  
Matt Ishoy  
Mike Tymchuk

Dennis Cassin  
Vig Schulman  
Anya MacLeod

### Village, First Nations and Technical members

Sean Sullivan, Council Representative  
Jesse Ketter, Alternate Council Representative  
Chief Robert Everson, K'omoks First Nation  
Sundance Topham, Chief Administrative Officer  
Rob Crisfield, Manager of Operations  
Paul Nash, LWMP Project Coordinator  
TetraTech Co, Technical Consultants  
Dave Cherry, Vancouver Island Health Authority

### Other government agencies that are involved, but will not be sitting on the Committee include;

- BC Ministry of Environment
- BC Ministry of Community, Sport and Cultural Development
- Federal Department of Fisheries and Oceans



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