

Co-Chair's Corner

Thank you to all who took part in the first phase of Westside Solutions public consultation. Your input contributed to the important layer of community considerations that were a critical factor in the detailed technical and financial analysis. We look forward to hearing from you during this next phase of consultation, and together, find a solution that brings the best value for taxpayers, takes a forward thinking approach to resource recovery and protection of our environment, and takes into account the economy and quality of life of our communities.



Mayor Hamilton,
Colwood



Mayor Desjardins,
Esquimalt

Planning Update: Technically Preferred Option Sets

As a result of rigorous technical and feasibility analysis, four technically preferred option sets (one-plant, two-plant, four-plant and seven-plant configurations) have been identified for the Core Area. The Core Area Committee has approved these four option sets for further costing and financial analysis. Once cost estimates are produced for these option sets, the public will be invited to provide feedback through an online survey from December 2, 2015 to January 15, 2016. For technical details on the sites listed below, please visit www.crd.bc.ca/wastewater.

Plant(s) and Configuration	Comments
Rock Bay (one plant)	Effluent meets and exceeds regulations; operational efficiencies; location aligns with public input.
Rock Bay + Colwood (two plants)	Effluent meets and exceeds regulations, increased tertiary treatment and reuse; locations align with public input.
Rock Bay, Colwood, Esquimalt Nation & East Saanich (four plants)	Effluent meets and exceeds regulations; further increase in tertiary treatment and reuse; sites well aligned to public input.
Langford, Colwood, Esquimalt, Rock Bay, View Royal Saanich Core & East Saanich (seven plants)	Effluent meets and exceeds regulations; high tertiary treatment and reuse ; sites located at growth centers.

A one-plant tertiary option is also being costed at Rock Bay.

Wastewater Treatment Timeline to January 2016

Public feedback on site options via community meetings and online survey*
November 16, 2015 - January 15, 2016

Core Area Liquid Waste Management Committee Meeting **November 4**

Design Possibilities Information Session with Bruce Haden **November 27**

Core Area Liquid Waste Management Committee Meeting **December 2**

Report on public feedback and technical analysis prepared **January 15-22, 2016**

Public feedback and tech analysis report provided to Core Area Liquid Waste Management Committee **January 27, 2016**

November 2015

December 2015

January 2016

*Watch for announcements in local media outlets.

...more



Wastewater around the world: Blaine, Washington

Size: 0.4 hectare (1 acre)

Population Served: 5,000 people

Treatment Plant Cost: \$34 million

- Advanced treatment with high quality effluent
- Biosolids recycled for use as fertilizer for grass fields
- Reclaimed water used for golf course and street sweeping
- Integrated into public park with pedestrian bridge to beach



Pictured above is a wastewater treatment facility located in Blaine, Washington.

See the next issue of Solution Speaks for a facility feature from a different part of the world.

Did you know?

- Secondary treatment removes organic substances using beneficial bacteria. The wastewater is then filtered to separate treated liquid from bacteria.
- Tertiary treatment cleans and disinfects the wastewater further and can be done through a variety of methods, including membrane filters, UV filtration, or by adding cleansers like chlorine or peroxide.
- Treated water that meets environmental standards can be a critical part of water conservation efforts. It can be used for toilet flushing, irrigation, industrial cooling and other non-drinking uses.
- Heat produced from the sewage treatment process can be captured and used to heat the facility. It can even be distributed to heat nearby buildings.

Stay in touch

Your input will continue to be important as plans progress. Determining where and how to treat our wastewater is one of the most important decisions facing our region. Please watch for Westside Solutions news updates in a variety of media in the coming months, and stay up-to-date on this critical project at:

www.westsidesolutions.ca

