

# SEATERRA PROGRAM NEWS

CRD Making a difference...together

## Treating Wastewater in the Capital Regional District's Core Area

### WELCOME TO THE INAUGURAL ISSUE OF THE SEATERRA PROGRAM NEWSLETTER.

As a newly appointed Commission responsible for the delivery of the new wastewater treatment system for the Capital Regional District (CRD), we want to ensure that you have regular updates on the progress of the overall program—as well as the individual projects as they move forward. As part of our recent work, we've simplified the project name. The Core Area Wastewater Treatment Program will now be known as the Seaterra Program.

The scope for the Seaterra Program includes:

- >> a Wastewater Treatment Plant, planned for McLoughlin Point;
- >> a Resource Recovery Centre planned for Hartland landfill; and

>> new and upgraded conveyance infrastructure (the pumping stations and pipes that connect the system) at numerous sites—primarily at Clover Point and Macaulay Point pump stations.

This will be the single biggest capital project ever undertaken by the CRD. It's going to take years to design and implement and we want to ensure that you are aware of what's happening with your wastewater treatment system along the way.

As a newly appointed, non-political Commission, we will be looking after such things as managing and developing the tendering for the various construction projects as well as overall project management for the duration of the program.

[SEE OVER>>>](#)



### THE EVOLUTION OF OUR NAME

After much debate and deliberation, the Commission has decided to name the Core Area Wastewater Treatment Program the Seaterra Program. Our environment has always been at the core of all decision-making. Seaterra embodies both ocean and land (terra) and brings them together harmoniously with subtle waves to reflect our unique west coast lifestyles and environment.

### IN THIS ISSUE

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**VISION:** To deliver an effective and proven wastewater treatment system for the core area communities that eliminates the dumping of raw sewage into the ocean by 2018.

**MISSION:** To safely build a proven, environmentally and fiscally responsible wastewater treatment program in compliance with federal, provincial and CRD objectives on time, on budget, while providing best value for money to the communities it will serve.

## THERE ARE A LOT OF MOVING PIECES AND PARTS TO THE SEATERRA PROGRAM, AND HERE IS A BASIC OVERVIEW OF THE VARIOUS BODIES AND THEIR ROLES:

### THE CORE AREA LIQUID WASTE MANAGEMENT COMMITTEE

The Committee was established in 2006 by the CRD Board to develop a wastewater treatment plan for the region including developing guiding principles for the program and undertaking studies and public consultation. The Committee answers to the CRD Board and remains responsible for all siting and applications for zoning for the program's component projects.

In the summer of 2012, provincial and federal funding was announced for a centralized wastewater treatment approach under the Liquid Waste Management Plan Amendment No. 8, with a total budget of \$783M and a completion date of 2018.

### THE CAPITAL REGIONAL DISTRICT BOARD

The Board has overall responsibility for the Liquid Waste Management Plan, the Plan's budget, completion schedule and all funding agreements.

### THE SEATERRA PROGRAM COMMISSION

The Commission, created by a CRD bylaw in March 2013, is a separate, project-specific body made up of seven professional members serving terms ranging from 12 months to two years. The Commission operates with a high degree of autonomy and oversees the execution of the Seaterra Program. The Commission oversees the procurement process and ensures the Seaterra Program will be delivered on time and on budget and meets the desired environmental and social outcomes.

NOW THAT YOU KNOW WHO WE ARE AND HOW WE FIT INTO THE LARGER PICTURE, HERE'S AN OVERVIEW ON WHAT THE COMMISSION HAS BEEN DOING AS IT TRANSITIONS THE SEATERRA PROGRAM FROM THE PLANNING PHASE TO THE IMPLEMENTATION AND CONSTRUCTION PHASE.

### KEEPING DISTRICT RESIDENTS UPDATED ON PROGRESS

On a major project of this size, scope and budget, it is critical the CRD and its residents be kept informed of major developments and construction progress and milestones. The Commission is required to provide a written report on the Seaterra Program to the CRD's Core Area Liquid Waste Management Committee. Full reports are available online at: [www.crd.bc.ca/reports](http://www.crd.bc.ca/reports)

A summary of news and project highlights will also be prepared in a newsletter format for broader public distribution. The quarterly newsletter will be available online at: [www.crd.bc.ca/seaterra](http://www.crd.bc.ca/seaterra)

### MAJOR PROGRAM NEWS AND DEVELOPMENTS

Every three months the newsletter will provide a snapshot of Seaterra Program news and developments. It will highlight progress on each of the Seaterra Program's three major elements:

- » Wastewater Treatment Plant;
- » Resource Recovery Centre (RRC); and
- » new and upgraded conveyance infrastructure (the pumping stations and pipes that connect the system).

# PROGRAM HIGHLIGHTS

## COMMISSION NAMES NEW SEATERRA PROGRAM DIRECTOR

The Commission announced the appointment of Albert Sweetnam as the new Director of the Seaterra Program. Mr. Sweetnam has an extensive background in managing complex infrastructure programs both in Canada and internationally and was selected following an expert executive search.

Mr. Sweetnam's background includes significant senior level experience having served as Executive Vice President Nuclear Projects for Ontario Power Generation Inc., one of the largest power companies in North America, and as Senior Vice President with SNC Lavalin, a leading global engineering and construction group.

His background in managing complex multibillion dollar projects in the private sector ideally suits him to take the lead responsibility for ensuring the successful construction and delivery of the Seaterra Program Wastewater Treatment Plant and marine outfall, Resource Recovery Centre and conveyance system upgrades.

He replaces Interim Program Director Jack Hull, who is retiring at the end of 2013. Mr. Sweetnam commenced his new role in September 2013.

## COMMISSION MEMBERS TOUR WASHINGTON STATE WASTEWATER TREATMENT FACILITIES

On July 29-30 Program staff and Commission members, along with a number of CRD staff and Directors, toured two Seattle area wastewater treatment facilities – West Point Treatment Plant and Brightwater Treatment Plant. The purpose of the visits was to better inform staff, Commission members and CRD Directors about current technologies, operations and site and design considerations involved in state-of-the art wastewater treatment facilities.



CRD staff receive an overview of Seattle's newly constructed wastewater treatment system.



A bird's eye view of Seattle's Brightwater wastewater treatment facility.

# Seaterra Program Component Updates

## TREATMENT PLANT AT MCLOUGHLIN POINT

- >> Draft design guidelines have been developed and approved by the CRD Board and by the Township of Esquimalt.
- >> A request for Qualifications (RFQ) for construction of the facility closed on May 10 with eight proposals received. A recommended shortlist was considered by the Commission at the end of June and a Request for Proposals (RFP) was issued. Construction is anticipated to begin in the spring of 2014.
- >> Esquimalt Official Community Plan Amendment and site rezoning process is ongoing. Discussions are also underway with the Greater Victoria Harbour Authority regarding the Harbour Crossing Portal at Ogden Point and with the Department of National Defense for a temporary laydown area for materials and equipment for the Treatment Plant.

## RESOURCE RECOVERY CENTRE (RRC)

- >> Initial design work continues pending confirmation of the approved RRC location. All other aspects of this project remain on schedule.

## SAANICH APPROVES REZONING FOR LAND SWAP WITH CRD

- >> In July, the District of Saanich approved rezoning and subdivision of two properties on Arbutus Road. This will secure the long-term preservation of the vast majority of lands, known as the “Haro Woods,” as a nature park and allow for improvements to trunk sewer infrastructure with installation of an underground attenuation tank. The proposed attenuation tank will be located entirely underground and will temporarily store wastewater flows during high-volume storm events. The rezoning and land exchange add 2.8 hectares of land to Saanich’s park inventory.

## CONSTRUCTION UNDERWAY ON CRAIGFLOWER PUMP STATION

- >> September saw the start of construction on the new \$11-million Craigflower Pump Station in View Royal. The construction contract was awarded to Jacob Bros. Construction Ltd. KSB Pumps was selected to supply pumps, motors and drives for the pump station.
- >> Initial design is underway for Clover Point and Macaulay Point Pump Stations.

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### For More Information

Additional information on the Commission, the overall Seaterra Program and its component projects is available at:

**[www.crd.bc.ca/seaterra](http://www.crd.bc.ca/seaterra)**

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