

**Meeting Minutes**  
**Westside Wastewater Treatment and**  
**Resource Recovery Select Committee**

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Tuesday, October 27, 2015

10:30 AM

Esquimalt Town Hall, 1229 Esquimalt Road

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PRESENT:

MEMBERS: B. Desjardins (Co-Chair), C. Hamilton (Co-Chair), D. Screech, L. Seaton  
Absent: Chief R. Sam; Chief A. Thomas; S. Young

STAFF: B. L. Hutcheson, General Manager, Parks and Environmental Services; D. Lokken, General Manager, Finance and Technology; S. Santarossa, Corporate Officer (Recorder); D. Telford, Senior Manager Environmental Engineering; A. Genero, Manager Accounting Services; L. Taylor, Communications Coordinator; S. Hallatt, Manager, Aboriginal Initiatives

ALSO PRESENT: L. Helps, Chair, Eastside; L. Hundleby, Alternate Director; B. Burton-Krahn, Alternate Director; R. Atkins, Technical Oversight Panel; E. Lee, Urban Systems; G. Nason, Colwood; S. Russell, Colwood; M. Baxter, Colwood; R. Morrison, Esquimalt; J. Miller, Esquimalt; L. Hurst, Esquimalt; J. O'Reardon, Aurora, C. Houghton, Aurora; K. Anema, View Royal

Co-Chair Desjardins called the meeting to order at 11:05 a.m.

## 1. Approval of Agenda

The agenda was amended to consider Item 5.4 before Item 5.1 and to add Item 6.1 - Correspondence from Township of Esquimalt regarding Potential Sites for Wastewater Treatment Plants in Township of Esquimalt.

**MOVED by Director Screech, SECONDED by Co-Chair Hamilton,**  
**That the agenda be adopted as amended.**  
**CARRIED**

## 2. Adoption of Minutes

2.1. 15-1193 Adoption of the Minutes of September 29, 2015

**MOVED by Director Seaton, SECONDED by Director Screech,**  
**That the minutes of September 29, 2015 be adopted.**  
**CARRIED**

## 3. Chair's Remarks

There were none.

## 4. Presentations/Delegations

There were none.

## 5. Committee Business

### 5.4. 15-1014 Eastside Select Committee - Verbal Update

This item was considered before Item 5.1.

Director Helps, Chair of the Eastside Select Committee, reported that the Committee met last week and received an update from Urban Systems on the option sets. She noted that the range of distributed options fits with the Westside flows and that the current focus is on costing the 2 and 5 plan option set. Urban Systems will report on the option sets at their next meeting on November 23 prior to the December 2 Core Area Liquid Waste Management Committee meeting. Director Helps also noted that Westside Select Committee appears to be ahead in the process at this time.

**MOVED by Director Screech, SECONDED by Co-Chair Hamilton,  
That the verbal update be received for information.  
CARRIED**

### 5.1. 15-1187 Westside Technical Team Analysis on Report from Urban Systems for Phase 2 of the Westside Wastewater Treatment Plant Siting Analysis

E. Lee, Urban Systems, and R. Killian, Carollo (via teleconference), provided a PowerPoint presentation regarding Phase II Technical Report and highlighted the following:

- feasibility and costing elements
- design criteria
- target markets
  - water reuse - 4 plant creates an operating deficit where a 2 plant option is close to addressing operating costs
  - solids and heat recovery - anaerobic digestion is energy positive for wastewater solids and gasification with yard waste improves the case
- solids recovery technologies review
- costing factors
- option sets - advantages and challenges
  - 4 plant option set
  - 1 plant option set
  - 2 plant option set
- site prioritization

R. Killian highlighted the following in relation to solids and heat recovery:

- Cost to manage yard waste
- Gasifiers are more beneficial for larger facilities
- Additional cost of \$6-10 million to include solids processing at a facility
- Biochar from gasifiers vs. bio solids from anaerobic digestion
- Anaerobic digestion is an energy positive approach whereas gasification is energy neutral and requires yard waste to make it energy positive
- Centralized option has better economies of scale
- The market will determine the options for resource recovery once an option set is identified

- Revisiting the issue of land application of bio solids and biochar

The consultants were requested to outline the difference between biochar and bio solids and other uses for biochar at a future Core Area Liquid Waste Management Committee meeting.

The Committee was requested to consider limiting the analysis to anaerobic digestion and gasification with yard waste at large sites only.

It was noted that the Westside CAOs and Technical Group only received this information the day before and did not have ample time to review the information.

**MOVED by Co-Chair Hamilton, SECONDED by Co-Chair Desjardins,  
That further consideration of this item be postponed to a meeting to be  
scheduled before November 4, 2015.**

**CARRIED**

**5.2. 15-1178**

Westside Wastewater Treatment - Phase 2 Public Consultation  
(draft Ipsos polling report anticipated to be circulated at the meeting)

C. Houghton, provided a PowerPoint presentation regarding Phase 2 of the Public Consultation process and highlighted the following:

- Public engagement history and objectives
- Methodology
- Possible public engagement with Eastside
- Public engagement timing
  - Stage 1 - October 20 to November 30
  - Stage 2 - December 1 to January 13
  - Stage 3 - post January 13

C. Houghton noted that 92% of those interviewed had not before participated in a public consultation process regarding sewage treatment but that 63% were aware of the issue. A report outlining more detail will be provided at the next meeting.

**MOVED by Director Screech, SECONDED by Co-Chair Hamilton,  
That further consideration of this item be postponed to the next meeting.**

**CARRIED**

**5.3. 15-1177**

Westside Concept Planning - Phase 2 Budget Update No. 1

**MOVED by Director Screech, SECONDED by Co-Chair Hamilton,  
That the Westside Wastewater Treatment and Resource Recovery Select  
Committee receive this report for information.**

**CARRIED**

**6. New Business**

**15-1196**

Correspondence: Township of Esquimalt, October 15, 2015 re: Potential Sites for Wastewater Treatment Plants in Township of Esquimalt

Correspondence dated October 15, 2015 was circulated for consideration. In the interest of time, the Committee agreed to postpone consideration of this item to the next meeting.

**MOVED by Director Screech, SECONDED by Co-Chair Hamilton,  
That the correspondence be received for information and postponed for  
discussion at the next meeting.  
CARRIED**

**7. Adjournment**

**MOVED by Director Seaton, SECONDED by Co-Chair Hamilton.  
That the meeting adjourn at 11:58 am.  
CARRIED**

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**CHAIR**

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**RECORDER**