

## SAANICH PENINSULA WASTEWATER COMMISSION

### Minutes of a Meeting held 16 February 2012 at the Saanich Peninsula Treatment Plant Meeting Room 9055 Mainwaring Road, North Saanich

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**PRESENT:** A. Bryson, T. Daly, M. Doehnel, Z. King, M. Lougher-Goodey, M. Loveless, J. MacGowan, E. McMurphy, G. Orr (Chair), M. Williams; CRD Staff: A. Liu, J. Poncelet, T. Robbins, D. Telford, J. Tradewell (recorder); Guest: R. Lloyd (RCL Consulting Ltd.)

**ABSENT:** J. Bill

#### 1. CALL TO ORDER AND INTRODUCTIONS

D. Telford called the meeting to order at 9:59 a.m.

#### 2. ELECTION OF CHAIR AND VICE CHAIR

D. Telford called for nominations for the position of chair of the Saanich Peninsula Wastewater Commission (SPWWC) for 2012 and G. Orr's name was put forward. D. Telford called a second and third time for further nominations and, as there were none, G. Orr was declared chair for 2012 by acclamation.

Chair Orr called for nominations for the position of vice-chair of the Saanich Peninsula Wastewater Commission for 2012 and M. Lougher-Goodey's name was put forward. Chair Orr called a second and third time for further nominations and, as there were none, M. Lougher-Goodey was declared vice-chair for 2012 by acclamation.

#### 3. APPROVAL OF AGENDA

The following amendment was made to the agenda:

- Item 10 *Correspondence* was moved to after item 5 as item 5A on the agenda.

**MOVED** by M. Loveless, **SECONDED** by J. MacGowan, that the agenda be approved as amended. **CARRIED**

#### 4. ADOPTION OF MINUTES FROM MEETING HELD 10 NOVEMBER 2011

**MOVED** by A. Bryson, **SECONDED** by J. MacGowan, that the minutes of 10 November 2011 be adopted as circulated. **CARRIED**

#### 5. REVIEW OF TASK LIST FROM MEETING HELD 10 NOVEMBER 2011

The task list was reviewed.

[10:03 a.m. – R. Lloyd arrived]

#### 5A. CORRESPONDENCE:

**Letter from RCL Consulting Ltd. regarding BioShaft Wastewater Treatment Plant – Pilot Testing (November 6, 2011)**

This item was brought forward from the 10 November 2011 SPWWC meeting.

Rick Lloyd of RCL Consulting Ltd. (RCL) presented a development overview of a 57-lot subdivision development in Central Saanich; the new development is required to provide its own onsite sewer services. To help determine the efficiency and effectiveness, and to prove the technology of a BioShaft Water Technology Inc. containerized wastewater treatment plant, RCL is requesting approval to undertake a pilot test program at the Saanich Peninsula wastewater treatment plant (SPWWTP). R. Lloyd provided information on the proposed pilot testing program.

**MOVED** by J. MacGowan, **SECONDED** by T. Daly, that the letter from RCL Consulting Ltd. regarding BioShaft Wastewater Treatment Plant – Pilot Testing (November 6, 2011) be received for information.

**CARRIED**

**MOVED** by M. Loveless, **SECONDED** by T. Daly, that the Saanich Peninsula Wastewater Commission approve in principle RCL Consulting Ltd.'s proposed pilot test program of the BioShaft Water Technology Inc. containerized wastewater treatment plant at the Saanich Peninsula wastewater treatment plant and refer to CRD staff to research and come back to the Commission with a report at the next meeting.

**DEFEATED**

Discussion ensued and a new motion was put forward removing the words 'approve in principle.'

**MOVED** by Z. King, **SECONDED** by A. Bryson, that the Saanich Peninsula Wastewater Commission refer RCL Consulting Ltd.'s proposed pilot test program of the BioShaft Water Technology Inc. containerized wastewater treatment plant at the Saanich Peninsula wastewater treatment plant to CRD staff to research and come back to the Commission with a report at the next meeting.

**CARRIED**

[10:34 a.m. – R. Lloyd left the meeting]

[10:35 a.m. – A. Bryson left the meeting]

## **6. ORIENTATION FOR NEW COMMISSIONERS**

T. Robbins presented an overview and background information on the Saanich Peninsula wastewater collection and treatment system. The presentation included the following topics:

- Service and Responsibilities
- Infrastructure Description
- Peninsula Liquid Waste Management Plan
- Saanich Peninsula Wastewater Treatment
- Residuals Management
- Budgets – Operating and Capital

[10:48 a.m. – T. Daly left the meeting]

[10:51 a.m. – M. Lougher-Goodey left the meeting]

T. Robbins responded to questions from Commission members throughout the presentation.

**7. THERMAL ENERGY RECOVERY SYSTEM – UPDATE ON PROJECT MONITORING (VERBAL REPORT)**

A. Liu provided background information and an update on the SPWWTP's wastewater thermal energy recovery system project, and mentioned the following:

- Heat is extracted from the SPWWTP's wastewater effluent, transported via pipeline to Panorama Recreation Centre (PRC) and used to heat the swimming pool water.
- The project was funded by the federal Gas Tax Fund.
- The SPWWTP thermal energy recovery system was commissioned in February 2011 and the system has operated well over the past year; an overall 30% savings on energy consumption has been realized by the CRD and significant amounts of greenhouse gas emissions have been reduced from PRC operations.
- An energy audit of the entire PRC facility is planned and is expected to result in additional optimization of the wastewater thermal energy system.

**8. BIOSOLIDS MANAGEMENT PROGRAM – UPDATE ON CALL FOR EXPRESSIONS OF INTEREST**

D. Telford reviewed the staff report *Biosolids Management Program – Update on Call for Expressions of Interest* and provided background information, highlights and the steps taken to date regarding biosolids management, which included the following points:

- As directed by the Commission at the 10 November 2011 SPWWC meeting, CRD staff has gone forward with Option 3 – *Call for Expressions of Interest* to identify any potential partners, companies or end users that may be interested in utilizing Class A biosolids or untreated sludge produced at SPWWTP.
- The Call for Expressions of Interest information package was prepared by staff and advertised in various newspapers and on the internet. Additionally, a letter was sent out to companies that might be interested in using the material as a fuel inviting them to review the Call for Expression of Interest documents.
- The submission date of the Call for Expressions of Interest is 16 March 2012.
- Those proponents who best suit the needs of the biosolids management program will be invited to submit proposals for consideration.

**MOVED** by Z. King, **SECONDED** by E. McMurphy, that the Saanich Peninsula Wastewater Commission receive the report *Biosolids Management Program – Update on Call for Expressions of Interest* for information.

**CARRIED**

**9. SAANICH PENINSULA ON-SITE SEPTAGE MANAGEMENT REVIEW (VERBAL REPORT)**

D. Telford reported that at a recent Environmental Sustainability Committee meeting a question arose that queried whether SPWWTP would receive septage pump outs, and that staff was requested to bring forward this query to the SPWWC for discussion and direction.

Discussion followed and staff responded to questions from members.

**MOVED** by Z. King, **SECONDED** by E. McMurphy, that the Saanich Peninsula Wastewater Commission refer the management of Saanich Peninsula on-site septage to CRD staff for review and to report back with further information at the Saanich Peninsula Wastewater Commission meeting in June.

**CARRIED**

**10. CORRESPONDENCE**

Moved to 5A. on the agenda.

**11. SCHEDULE OF MEETINGS FOR 2012**

**MOVED** by M. Loveless, **SECONDED** by E. McMurphy, that the Schedule of Meetings for 2012 be received for information.

**CARRIED**

**12. MEMBERSHIP LIST FOR 2012**

Updated 2012 membership lists were distributed at the meeting.

**13. OTHER BUSINESS**

There was no other business.

**14. NEXT MEETING**

The next meeting will be on Thursday, 19 April 2012 at 9:15 a.m. at the Saanich Peninsula treatment plant meeting room.

**15. ADJOURNMENT**

**MOVED** by Z. King, **SECONDED** by J. MacGowan, that the meeting adjourn at 11:37 a.m.

**CARRIED**