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**Minutes of a Meeting of the Saanich Peninsula Wastewater Commission
Held September 20, 2012 in the Saanich Peninsula Treatment Plant Meeting Room
9055 Mainwaring Road, North Saanich, BC**

- PRESENT: Commissioners:** G. Orr (Chair), M. Lougher-Goodey (Vice-Chair), A. Bryson, T. Daly, M. Doehnel, Z. King, M. Loveless, E. McMurphy, M. Williams
Staff: D. Green, Supervisor, Stormwater Harbours and Watersheds Program; G. Harris, Senior Manager, Environmental Protection; A. Liu, Manager, Environmental Engineering; C. Lowe, Supervisor, Marine Program; T. Tanton, Senior Manager, Infrastructure Engineering; D. Telford, Senior Manager, Environmental Engineering; J. Tradewell (recorder)
Also present: S. Johnson (Tsawout); P. O'Reilly (District of North Saanich)
- ABSENT: Commissioners:** J. Bill, J. MacGowan

The meeting was called to order at 9:23 am.

1. Approval of Agenda

The following items were added under new business:

- Hydra Renewable Resources
- Heat Recovery System Update

MOVED by Commissioner Lougher-Goodey, **SECONDED** by Commissioner Bryson,
That the agenda be approved as amended.

CARRIED

2. Adoption of Minutes

MOVED by Commissioner King, **SECONDED** by Commissioner Loveless,
That the minutes of the April 19, 2012 meeting be adopted as previously circulated.

CARRIED

3. Chair's Remarks

The Chair informed the Commission that the Core Area Wastewater Treatment Project (CAWTP) received funding approval and will continue under the direction of J. Hull, Interim Project Director. The Chair gave an update on the heat recovery system project and noted there may be a possible need to set aside funds to complete engineering-related work associated with the technical aspects of the Panorama Recreation Centre's (PRC) pool heating and HVAC operation.

4. Review of Task List of April 19, 2012

The task list was reviewed. Task #1: Staff reported that RCL Consulting Ltd. is no longer pursuing the proposed BioShaft wastewater treatment plant pilot test. Task #2 i), ii) and iii) will be dealt with in agenda item #7. Task #2 iv): Staff reported that this task is now redundant due to the Capital Regional District (CRD) Board's motion to not use

biosolids for application on land, and the directives of the CRD Board and CAWTP that kitchen scraps are not to be mixed with sludge or biosolids products for land application. Task #3: Staff informed the Commission of the current management of Saanich Peninsula on-site septage and responded to questions from Commission members.

MOVED by Commissioner Bryson, **SECONDED** by Commissioner Williams,
That the Saanich Peninsula Wastewater Commission request CRD staff to report back further to the Commission as to what the cost and practical implications would be in order to perform the investigative work on potential septage receiving at the Saanich Peninsula treatment plant.

CARRIED

5. Stormwater Quality Annual Report – 2011

D. Green presented the findings of the 2011 stormwater quality program. He referred to a handout of two maps showing the Saanich Peninsula stormwater quality monitoring sites and responded to questions and concerns from Commission members. In particular, members expressed their concern over the sampling sites with problematic high ratings.

MOVED by Commissioner King, **SECONDED** by Commissioner Daly,
That the Saanich Peninsula Wastewater Commission:

1. receive the executive summary of the *Saanich Peninsula Stormwater Quality Annual Report – 2011* for information;
2. endorse the program recommendations on pages vi and vii of the attached executive summary and encourage the jurisdictions involved to continue their stormwater quality improvement work; and
3. forward copies of the report *Saanich Peninsula Stormwater Quality Annual Report – 2011* to the participating municipalities of the District of Central Saanich, the District of North Saanich and the Town of Sidney.

CARRIED

MOVED by Commissioner Daly, **SECONDED** by Commissioner King,
That the Saanich Peninsula Wastewater Commission refer back to staff for more information on the stormwater quality monitoring sites so that the Commission can then formulate an action plan in dealing with chronic high-rating discharges.

CARRIED

6. Wastewater and Marine Environment Program 2011 Annual Report and Update on Technical Water Quality Review Panel Activities

C. Lowe reviewed the contents of the staff report and mentioned the following:

- The Saanich Peninsula treatment plant's (SPTP) 2011 wastewater concentrations for flow and effluent quality met operational certificate requirements.
- In a qualitative comparison, wastewater priority pollutant concentrations for 2011 were similar to previous years.

- Surface water and nutrient monitoring results were also similar to previous years and indicated risks to human health and the environment are low. A handout was provided depicting the sampling locations.
- Seafloor monitoring is required every four years and was done earlier this month. Results will be presented in next year's annual report.
- The SPTP monitoring program is being reviewed in collaboration with the BC Ministry of Environment (MOE). Changes are expected, but there will be no budget implications as a result.
- A collaborative assessment of up to 80 pharmaceuticals and personal care products, and perfluorinated compounds has been initiated at the SPTP. The project is challenged by a lack of experts to review and interpret the data. Staff is working with the collaborator to fill in the personnel gap.

MOVED by Commissioner Loveless, **SECONDED** by Commissioner Lougher-Goodey,
That the Saanich Peninsula Wastewater Commission:

1. receive the Technical Water Quality Review Panel progress update for information;
2. receive the Saanich Peninsula Treatment Plant Wastewater and Marine Environment Program 2011 Annual Report for information; and
3. forward a copy of this report to the Ministry of Environment.

CARRIED

7. Biosolids Management Program – Update

A. Liu gave an update on the biosolids management program. Further to the Saanich Peninsula Wastewater Commission (SPWWC) meeting in April, staff has submitted a letter to MOE proposing an amendment to the Saanich Peninsula Liquid Waste Management Plan (SPLWMP). The amendment would permit hauling of all SPTP sludge to Hartland landfill as an interim solution and harmonize the current biosolids management plan with the CRD's CAWTP biosolids management strategy as the long-term solution. Staff is awaiting final comment from MOE and, if no response after three months, will formally present an amendment to MOE.

Forwarding of the SPWWC motion of April 19, 2012 to the CRD Board, requesting the Board revisit its motion with respect to land application of biosolids in the Capital Regional District, is dependent on MOE's response to the proposed SPLWMP amendment.

MOVED by Commissioner McMurphy, **SECONDED** by Commissioner Loveless,
That the Saanich Peninsula Wastewater Commission receive the report *Biosolids Management Program – Update* for information.

CARRIED

MOVED by Commissioner Loveless, **SECONDED** by Commissioner King,
That the Saanich Peninsula Wastewater Commission delay the moving forward of its April 19, 2012 motion to the CRD Board until the required information from the Ministry of Environment is available.

CARRIED

8. New Business

Hydra Renewable Resources

A presentation by Hydra Renewable Resources Inc. was presented at the Tri-Municipal Council meeting in June and a member queried if there were any implications for the SPTP heat recovery system. The Chair asked staff to comment on this and staff informed the Commission that this concept is not applicable for the SPTP site.

Heat Recovery System Update

A. Liu reported that the overall basic function of the Saanich Peninsula heat recovery facility is satisfactory. He provided background information on the control strategy of the waste heat recovery system and explained the concept of the temperature signals/communication between SPTP and the PRC pool, and noted that fluctuating signals are being sent to the mini plant at PRC. Staff has submitted an application to BC Hydro on behalf of PRC in regards to funding an Energy Study which will, in part, look into optimizing the system and using more waste heat energy. Staff is awaiting approval from BC Hydro at this time. To improve the system performance, funds are needed from SPWWC and PRC to move forward.

Commissioner Daly left the meeting at 11:10 am

MOVED by Commissioner King, **SECONDED** by Commissioner Lougher-Goodey,
That the Saanich Peninsula Wastewater Commission receive information on alternatives and options for improving performance of the Saanich Peninsula heat recovery system for the November budget meeting.

CARRIED

9. Adjournment

MOVED by Commissioner Loveless, **SECONDED** by Commissioner McMurphy,
That the meeting be adjourned at 11:12 am.

CARRIED

CHAIR