



Making a difference...together

**MINUTES OF A MEETING OF THE Magic Lake Estates Water and Sewer Committee, held Tuesday, June 14, 2022 at 9:30 a.m., In the Goldstream Conference Room, 479 Island Highway, Victoria, BC**

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**PRESENT: Committee Members:** M. Fossil (Chair); J. Deschenes (Vice Chair) (EP); P. Brent, Alternate Electoral Area Director (EP); W. Foster; K. Heslop (EP); D. Reed; R. Sullivan

**Staff:** I. Jesney, Senior Manager, Infrastructure Engineering; M. McCrank, Senior Manager, Wastewater Infrastructure Operations; C. Moch, Manager, Water Quality Operations, Environmental Protection; M. Bona; Project Engineer; M. Risvold, Committee and Administrative Clerk (Recorder)

EP = Electronic Participation

The meeting was called to order at 9:34 am.

**1. APPROVAL OF AGENDA**

**MOVED** by D. Reed, **SECONDED** by W. Foster,  
That the agenda be approved.

**CARRIED**

**2. ADOPTION OF MINUTES**

**MOVED** by W. Foster, **SECONDED** by D. Reed,  
That the minutes of the May 10, 2022 meeting be adopted.

**CARRIED**

**3. CHAIR'S REMARKS**

The Chair had no remarks.

**4. PRESENTATIONS/DELEGATIONS**

There were none.

**5. COMMITTEE BUSINESS**

**5.1. Project and Operations Update**

Staff provided updates on water capital projects and operations.

Staff responded to questions from the committee regarding the Buck Lake Dam Repair kickoff meeting and the Electric Vehicle (EV) Charging Station. Staff advised there were no known issues at the Buck Lake Dam Repair kickoff meeting. A cost estimate for the EV Charging Station project will be provided, and a portion of the funding is dependent on receiving a grant.

Staff provided updates on wastewater capital projects and operations.

Discussion ensued regarding:

- The quality of water discharged into the ocean
- Membrane bio-reactor (MBR) system

Staff advised the water discharged into the ocean is not drinking water quality. Staff noted MBR is a more reliable and advanced treatment. MBR satisfies the effluent discharge quality requirement coming from the plant and produces a better quality effluent compared to the alternative moving bed biofilm reactors (MBBR). MBR filters micro plastics due to the membranes, provides a more consistent quality effluent, and reduces the amount of sludge.

Discussion ensued regarding:

- How staff determine which pump stations require pumping during power outages
- Supervisory Control and Data Acquisition (SCADA) operating network
- Installation of permanent generators

## **5.2. 2021 Annual Report**

I. Jesney introduced the 2021 Annual Report.

Discussion ensued regarding:

- The wastewater treatment capacity
- Capacity planning
- Water demand
- Non-revenue water
- Frequency of water testing

Staff responded to questions from the committee regarding water testing, advising toxin tests are testing for presence. The water quality lab is aware of the thresholds that constitute an algae bloom and would take appropriate measures in the event of a bloom. Iron and manganese naturally occur on Vancouver Island in the rocks and soil, and high rainstorm events can wash the iron and manganese into the lakes and streams. There is treatment at the Magic Lake Water Treatment Plant, and there is no exceedance of the health limit. Staff advised additional and further testing can be discussed if needed, and costs incurred will be charged to the committee.

Staff advised the Annual Report will be posted publicly on the CRD website at the end of June.

## **6. CORRESPONDENCE**

There was none.

## **7. NEW BUSINESS**

I. Jesney provided information on expense claim forms.

**8. ADJOURNMENT**

**MOVED** by D. Reed, **SECONDED** by W. Foster,  
That the June 14, 2022 meeting be adjourned at 10:33.

**CARRIED**

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**CHAIR**

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**SECRETARY**