



Making a difference...together

MINUTES OF A MEETING OF THE Magic Lake Estates Water and Sewer Committee, held Tuesday, January 11, 2022 at 9:30 a.m., in the Goldstream Meeting Room, 479 Island Highway, Victoria, BC

PRESENT: Committee Members: M. Fossil (Chair) (EP); J. Deschenes (Vice Chair) (EP); W. Foster (EP); K. Heslop (EP); D. Reed (EP); P. Brent (EP)
Staff: I. Jesney, Senior Manager, Infrastructure Engineering; M. McCrank, Senior Manager, Wastewater Infrastructure Operations (EP); M. Cowley, Manager, Regional Wastewater; M. Bona, Project Engineer; T. Duthie, Manager, Administrative Services; M. Risvold, Committee and Administrative Clerk (Recorder)

REGRETS: D. Howe, Electoral Area Director

EP = Electronic Participation

The meeting was called to order at 9:32 a.m.

1. APPROVAL OF AGENDA

MOVED by K. Heslop, **SECONDED** by P. Brent,
That the agenda be approved.

CARRIED

2. ELECTION OF VICE CHAIR

The Chair called for nominations for the position of Vice Chair of the Magic Lake Estates Water and Sewer Committee for the term ending October 31, 2022.

P. Brent nominated J. Deschenes. J. Deschenes accepted the nomination.

The Chair called for nominations a second time.

The Chair called for nominations a third and final time.

Hearing no further nominations, the Chair declared J. Deschenes Vice Chair of the Magic Lake Estates Water and Sewer Committee for the term ending October 31, 2022 by acclamation.

3. ADOPTION OF MINUTES

MOVED by J. Deschenes, **SECONDED** by W. Foster,
That the minutes of the December 14, 2021 meeting be adopted.

CARRIED

4. CHAIR'S REMARKS

The Chair thanked J. Deschenes for standing as Vice Chair for 2022.

5. PRESENTATIONS/DELEGATIONS

There were no presentations or delegations.

6. COMMITTEE BUSINESS

**6.1. Magic Lake Estates Wastewater Pump Station and Treatment Plant Upgrades
RFP 2021-732 Consulting Services Contract**

M. Cowley introduced the report and provided an overview of the key factors leading to the recommendation.

M. Cowley advised that staff will provide a change order recommendation to add programming costs into the contract once the detailed design is complete. An allowance has been created for programming to be done by Capital Regional District (CRD) staff, however, if the programming work is completed through the consultant, it will be fundable through the grant.

Staff responded to a question from the Committee regarding programming. Staff advised the programming language for functions of the valves, pumps, and blowers need to be integrated and programmed, which will result in the functions being automated.

MOVED by J. Deschenes, **SECONDED** by P. Brent,
The Magic Lake Estates Water and Sewer Committee recommends the award of Contract 2021-732, Magic Lake Estates Wastewater Pump Station and Treatment Plant Upgrades – Consulting Engineering Services, in the amount of \$795,771 plus GST.

CARRIED

6.2. Water Update [Verbal]

I. Jesney provided a verbal update on the following:

Design and construction Buck Lake & Magic Lake adjustable intakes

Conceptual design drafted and circulated with operations staff on operational requirements. Detailed design started on anchoring design with tendering in the spring. The project is currently on schedule and on budget.

6.3. Wastewater Update [Verbal]

M. Cowley provided a verbal update on the following:

Collection System Upgrades

- Triahn Enterprises Ltd. has reached Substantial Completion as of December 17, 2021 and issued a notice of completion. Triahn is still completing minor deficiencies and clean-up work.
- Triahn has indicated that the eight leaky tie-in manholes are now sealed. Some of them were inspected on December 16 and leaks were not evident. The remaining ones will be inspected as part of the final inspection after all the deficiencies are complete. There have been no exceedances at Schooner since December 19/20. Due to the recent snow and rain events, there was an exceedance at Cannon.
- Any on-going deficiencies such as ground settlement, seeding, etc. will be documented and completed prior to the one-year warranty.
- The actual construction cost to end of December is \$2,082,640. The estimated cost to complete the contract is about \$2.2 million depending on the final quantities.

Investing in Canada Infrastructure Grant – Pump Station & Wastewater Treatment Plant (WWTP) Upgrades - Phase 2 & 3

- A request for proposal (RFP) was issued on October 29, 2021 and closed on December 6, 2021 to request proposals from consultants to complete the design and construction management of the upgrades. Four proposals were received.
- The plan is to complete the design by summer 2022, tender in late summer, and start construction in the fall subject to obtaining all regulatory approvals.
- Updates will be posted on the CRD website and can be included in the Pender Post as the design work progresses.

Staff responded to a question from the Committee regarding leaks in the wastewater and sewer pipe manholes. Staff advised there is no evidence of leakage coming through the new pipe and new manholes installed by Trihan, and a complete closed-circuit television (CCTV) inspection took place and no leaks were detected. Staff advised it is suspected that the leakage coming into the system is from the private side and the remainder of the collection system that has not been upgraded.

6.4. Operations Update [Verbal]

M. McCrank provided a verbal update on the following:

Water Operations Highlights:

- Dec 17th – Activate dam emergency response due to a 3.8 magnitude earthquake.
- Dec 20th – Water system service line leak repairs and environmental reporting 2767/2769 Schooner Way.
- Dec 28th – Emergency response to Schooner Pressure Regulating Station (PRS) due to freezing. The station is now fully isolated, the damage is being assessed and equipment will likely be repaired or replaced in the PRS.
- Dec 28th – Water system leak repairs and environmental reporting 2666 Schooner Way, which has been addressed and repaired.
- Dec 28th – Emergency response to water main freezing which is the primary supply feed to the Captains Reservoir pressure zone.

Wastewater Operations Highlights:

- Multiple Days – Emergency response to Schooner WWTP oxidation ditch high level alarms.
- Dec 22nd – Corrective maintenance Schooner WWTP air blower variable frequency drive (VFD). The VFD must be replaced due to failure, and will cost approximately \$5,000.
- Dec 28th – Additional maintenance Schooner WWTP due to cold weather event and freezing of some infrastructure.

Capital Improvement work by Infrastructure Operations:

- Buck Lake Building Lighting Upgrade:
 - Supplies and equipment procured; final preparations and installation schedule being reviewed.

Staff responded to questions from the Committee regarding the water main freezing, and the length of water main that is above ground. Staff advised the above-ground portion of the water main is approximately 150 meters to 200 meters in length. Part of the water main is above ground due to crossing over a retaining wall. As this water main does not run continuously, options to prevent freezing are to insulate, heat trace, or bury.

6.5. Grants Discussion [Verbal]

There was no discussion.

7. CORRESPONDENCE

There was no correspondence.

8. NEW BUSINESS

Ian Jesney advised the Committee of a vacancy on the Committee.

9. ADJOURNMENT

MOVED by K. Heslop, **SECONDED** by J. Deschenes,
That the January 11, 2022 meeting be adjourned at 10:05.

CARRIED

CHAIR

SECRETARY