



Making a difference...together

MAGIC LAKE ESTATES WATER AND SEWER COMMITTEE
Notice of Meeting on **Tuesday, February 13, 2018 at 9:30 a.m.**
Main Conference Room, 479 Island Highway, Victoria, BC

Kathy Heslop (Chair) David Reed Michael Fossil Joe Gill
Director Dave Howe Wally Foster Alex Wilson

AGENDA

1. Approval of Agenda
2. Adoption of Minutes of January 9, 2018
3. Motion to Close the Meeting
That the Magic Lake Estates Water and Sewer Committee close the meeting in accordance with the Community Charter, Part 4, Division 3, 90(1)(g) litigation or potential litigation affecting the municipality.
4. CCTV Wastewater Condition Overview - Discussion
5. Water Update (verbal report with handout)
6. Wastewater Update (verbal report with handout)
7. Operations Update (verbal report with handout)
8. Grant Discussion
9. Correspondence
10. New Business
11. Adjournment

To ensure quorum, advise Lorrie Siemens 250.360.3087 or lsiemens@crd.bc.ca if you cannot attend.



Making a difference...together

**Minutes of a Meeting of the Magic Lake Estates Water and Sewer Committee
Held Tuesday, January 9, 2018 in the Main Conference Room, 479 Island Highway, Victoria,
BC**

PRESENT: **Committee Members:** K. Heslop (Chair), A. Wilson, W. Foster, M. Fossil
 Staff: I. Jesney, Senior Manager, Infrastructure Engineering, M. McCrank, Senior
 Manager, Infrastructure Operations, L. Siemens (recorder)
ABSENT: Director D. Howe, J. Gill, D. Reed

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

1. Approval of Agenda

MOVED by M. Fossil, **SECONDED** by W. Foster,
That the agenda be approved as distributed.

CARRIED

2. Adoption of Minutes of November 14, 2017

MOVED by A. Wilson, **SECONDED** by M. Fossil,
That the minutes of November 14, 2017 be adopted as previously distributed.

CARRIED

3. Motion to Close the Meeting

MOVED by M. Fossil, **SECONDED** by W. Foster,
That the Magic Lake Estates Water and Sewer Committee close the meeting in
accordance with the Community Charter, Part 4, Division 3, 90.1 (e) *the acquisition,
disposition or expropriation of land or improvements, if the council considers that
disclosure could reasonably be expected to harm the interests of the municipality.*

CARRIED

The Magic Lake Estates Water and Sewer Committee closed the meeting at 9:35 a.m. and
resumed in open session at 9:50 a.m.

4. Water Update

I. Jesney presented a verbal report and provided a handout that will be included as part
of the agenda package.

5. Wastewater Update

I. Jesney presented a verbal report and provided a handout that will be included as part
of the agenda package.

6. Operations Report

M. McCrank presented a verbal report and provided a handout that will be included as part of the agenda package.

7. 2018 Meeting Schedule

The committee agreed that the monthly meetings would remain consistent with the past on the second Tuesday of each month. A regular meeting will not be held in August but will be replaced with the Annual General Meeting to be held on a Saturday.

8. Correspondence

A. Wilson, Vice-Chair presented a letter from the Pender Island Conservancy Association expressing their appreciation to the CRD for finding a solution for the issue of newts crossing over the Buck Lake Dam.

9. New Business

An inquiry was made regarding attendance requirements at meetings. CRD staff will follow up.

10. Adjournment

MOVED by A. Wilson, **SECONDED** by M. Fossil,
That the meeting be adjourned at 10:40 a.m.

CARRIED



Making a difference...together

February 13, 2018

File: 0360-20

Magic Lake Estates Water and Sewer Committee

Magic Lake Estates Water Service

Magic Lake North Dam

- Staff are communicating with the new resident at 3806 Pirates Road and understand a signed agreement will be sent back shortly. The agreement will provide private property access rights similar to that obtained for the adjacent property in order to allow for the dam to be located on private property and for the CRD to gain access for operation and maintenance tasks.

Magic Lake Dam Safety Upgrade (Siphon):

- Recent Progress – Testing November 14th of the existing siphon proved there maybe a leak in the pipe, low pressure testing of the pipe will be conducted to verify pipe integrity. If inconclusive other cost effective options for lowering the water level in Magic Lake will be explored.

Buck Lake Dam Freeboard Alterations:

- Recent Progress –Big Dig-Em removed every forth barrier for salamander migration and cleaned up grading from removed barriers with additional gravel. Work was undertaken the week of December 18th, and came within budget.

Content Prepared by: Stephen Henderson and Dale Puskas



Making a difference...together

File: 0360-20

Magic Lake Estates Water and Sewer Committee

February 13, 2018

MAGIC LAKE ESTATES WASTEWATER

Wastewater Infrastructure Projects – Phase 1 Update

Sewer Pipe Replacement – Buck Lake & Privateers Road

- Detailed design is being finalized.
- Preparing property access/restoration sketches. Start meeting with homeowners in Feb.
- Issue tender in the spring and start construction in the summer 2018.

Inflow & Infiltration Program

- Received all CCTV and manhole (MH) inspection reports (some sewer sections could not be inspected due to blocked access).
- See attached maps/presentation for summary. A final report summarizing all inspection results will be prepared complete with cost estimates to repair significant defects.

Wastewater Projects - 2017 Capital Plan

Phase 2 Wastewater Infrastructure Upgrades – Public Consultation

- Conceptual upgrades to Schooner WWTP are being evaluated to address the numerous health and safety issues, process issues, lack of automation, and lack of redundancy which all contribute to significant plant concerns, high operating costs, and numerous non-compliance reports to Ministry of Environment.
- Conceptual cost estimates will be prepared for the conceptual upgrades and an open house will be scheduled in 2018 to present the information.

Wastewater Projects – 2018 Capital Plan

No projects are planned for 2018 due to insufficient capital reserve funds. Projects are planning for 2019 only if a referendum is successful to enable the borrowing of funds.

Report Prepared by: Malcolm Cowley



Making a difference...together

February 13, 2018

File: 0360-20
Magic Lake Estates Water and Sewer Committee

Magic Lake Estates Water and Sewer Committee

OPERATIONS REPORT

Water Operations Highlights:

- Emergency clearing of wood debris from the overflow channel and culverts at Magic Lake.

Wastewater Operations Highlights:

- Emergency response to the Schooner WWTP due to facility flow exceedance.
- Completed the control float switch installation at the Capstan Pump Station.
- Emergency response to various wastewater facilities due to extended power outage.
- Operating Permit Regulatory Non-compliance reporting for January 2018:

Facility	# of Reports Issued for January	Total # of Reports Issued 2018	Total # of Reports Issued 2017	Cause
Schooner WWTP	3	3	16	Two events due to UV failure (effluent disinfection system) as a result of power outages (typically) and one event due to exceeding maximum daily flows (I&I).
Schooner Pump Station	1	1	3	Occurred in January during an extended power system outage. Raw sewage discharged into the marine environment.
Cannon WWTP	16	16	33	Exceeding maximum daily flows due to storm water entering through I&I.

Capital Improvement work:

- Nothing to report this period.

Prepared by: Dan Robson and Matt McCrank, Integrated Water Services