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**REPORT TO MAGIC LAKE ESTATES WATER AND SEWER LOCAL SERVICES
COMMITTEE
MEETING OF TUESDAY, MARCH 10, 2015**

SUBJECT **WATER AND WASTEWATER OPERATIONS REPORT - FEBRUARY 2015**

ISSUE

The purpose of this report is to provide the Magic Lake Water and Sewer Local Services Committee general information regarding significant operational activities carried out for the water and wastewater service.

BACKGROUND

During the month of February 2015 operations staff attended to the regular operational and maintenance activities for the water and wastewater service. The list of activities below is intended to capture significant regular maintenance undertakings, capital project activities and unplanned emergency events.

Sewer Service Activities

- Capstan Lane Pump Station
BC Hydro coordinated with Operations staff for their scheduled maintenance activities, necessitating a power shutdown, near Capstan Pump Station. The portable genset was used during this period to provide backup power to Capstan pump station while Hydro completed their work.
- Cutlass Court Pump Station
The electrical service mast for the Cutlass Court Pump Station has nearly fallen over and requires replacement. Staff is presently coordinating with BC Hydro to have the electrical service and service pole replaced for this facility.
- 3832 Pirates Road
A request for a sanitary sewer service connection for this property required staff to attend and locate the connection for the homeowner.
- Emergency Response to Schooner and Cannon Wastewater Treatment Plants
Rainfall events during Feb 6 to Feb 10 required operations staff to respond and attend to the wastewater treatment plants for the reason that the permitted daily plant flows were being exceeded. Because these daily flow exceedances occurred more than three consecutive days, commitments with Ministry of Environment required the need to undertake outfall marine environment monitoring.

- Schooner Treatment Plant Emergency Response
Operations staff responded a number of sludge pump electrical overload failures. The work typically requires the operator to pull the pump in order to remove the buildup of “rag” material in the pumps impeller which is the cause of the electrical overload.

Water Service Activities

- Magic Lake Estates Water Treatment Plant Capital Project.
On-going operational effort associated with the commissioning of the new water treatment facility.
- Temporary Portable Generators
Operations staff disconnected and returned the temporary portable generators that were procured during the Frigate Tank Replacement.
- Privateers Pressure Regulating Station
Building maintenance performed including roof and interior wall repairs.
- Cannon Crescent Water Sampling Station
Repair water leak that included the replacement of piping and isolation valves for water sampling station and microflusher.

ALTERNATIVES

Alternative 1

That the Magic Lake Estates Water and Sewer Local Services Committee receive this report for information.

Alternative 2

That the Magic Lake Estates Water and Sewer Local Services Committee request the CRD staff to provide further information.

IMPLICATIONS

Alternative 1 - There are no implications.

Alternative 2 - There will be extra staff time required in order to; collect additional information; prepare and present a staff report to the Committee for their consideration. As a result there will be additional costs.

CONCLUSION

The operations staff attended to the regular operational and maintenance activities for the water and wastewater service for February 2015.

RECOMMENDATION

That the Magic Lake Estates Water and Sewer Local Services Committee receive this report for information

Dan Robson, ASCT
Manager, Saanich Peninsula and Gulf
Islands Operations

Peter Sparanese, P.Eng.
Senior Manager, Infrastructure
Engineering & Operations
Concurrence

Ted Robbins, B.Sc., C.Tech.
General Manager, Integrated Water
Services
Concurrence

DR:ls: