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

SUBJECT WATER SYSTEM CAPITAL IMPROVEMENT PROJECT UPDATE

ISSUE

This report is provided to the Magic Lake Estates Water and Sewer Local Services Committee as a general update regarding the activities related to the water system capital improvement project.

BACKGROUND

This information report is provided to the Magic Lake Estates Water and Sewer Local Services Committee as an update for the water system capital improvement project. At the time of authoring this report the following work has been completed or is planned:

Activity Since Last Report

- Rohl worked on completing deficiencies and warranty items, some still outstanding.
- Obtained quotes and hired fencing contractor (Tower Fencing) to install a security fence around the electrical kiosk at the Frigate tank.
- Obtained quotes and have started to procure analytical equipment (dissolved oxygen and temperature monitoring) for Buck and Magic Lake Raw pump stations.
- The CRD received AECOM's first submission of record drawings for review related to the water treatment plant on January 26, 2015, CRD has provided preliminary comments back to AECOM for them to complete revisions.
- Initiated planning for the proposed "open-house" for about mid-May and contacted the Province and Federal Governments regarding available dates – **ACTION NEEDED**.
- Investigated the bolts and nuts for the Frigate tank, and AECOM concluded that they were supplied as specified. Samples were provided to the CRD and the supplier confirmed that the caulking is used to seal the lap joints and bolt holes and their common installation practice typically applies the excess caulk to the bolts and nuts at the time of installation as "added protection" but is not relied upon for primary corrosion protection. The structural bolt specification notes the bolts are "carbon steel, zinc mechanically deposited per the latest revision of ASTM B695...". Therefore, the caulk is considered an aesthetic issue versus a technical performance deficiency.

Planned Work for Next Period

- Completion of remaining deficiencies related to the treatment plant and water main work.
- Completion of security fence at Frigate tank and procurement of analytical equipment at the raw water pump stations.
- AECOM to deliver the Operation and Maintenance manuals and final record drawings (as-builts) by mid-March, 2015.
- Miscellaneous tasks including reporting to the Province of BC regarding agreement deliverables, etc.

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

Alternative 2- If the Magic Lake Estates Water and Sewer Local Services Committee requests further information, then the CRD staff will provide information at a future meeting.

CONCLUSION:

The water system capital improvement project has seen the commissioning of the new works and the contractor and consultant are in the project close-out phase completing minor deficiencies and record information. Some discussion and direction regarding the "open-house" details and budget is needed.

RECOMMENDATION

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

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