Date: March 13, 2020

To: Utilities Board

From: Aram Benyamin, Chief Executive Officer

Subject: Communication to Utilities Board

1. Water Main Replacement Program (WMRP) 2-Week Look Ahead
   [See attachment]

2. Water Update
   [See attachment]

Attachments:
- Attachment 1 (Water Main Replacement Program (WMRP) 2-Week Look Ahead)
- Attachment 2 (Water Update)

c: Officer Team
This report includes CSU planned finished water projects. -For other projects see Project Viewer. -For emergency projects see Cone Zone Map.

Map showing 2018 projects for all four services can be found on the Utility GIS Public Portal. ***Use this link for specific work zone information***

<table>
<thead>
<tr>
<th>COUNCIL DISTRICT</th>
<th>SEGMENT ID</th>
<th>FUNDING</th>
<th>STREET FROM</th>
<th>STREET TO</th>
<th>IMPACT</th>
<th>DESCRIPTION OF WORK*</th>
<th>START DATE</th>
<th>PROJECTED COMPLETION DATE</th>
<th>DUE DATE</th>
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Legend
CA - Condition Assessment
CP - Cathodic Protection
REP - Replacement
Weekly Water Update as of March 08, 2020:

CONSUMPTION:

WEEKLY:
Week of March 02 through March 08, 2020: 294.9 million gallons, average temperature: 40 deg F, precipitation: 0.08 in.
Week of March 02 through March 08, 2019: 294.8 million gallons, average temperature: 22 deg F, precipitation: 0.37 in.
Week of March 02 through March 08, 2018: 324.9 million gallons, average temperature: 41 deg F, precipitation: 0.00 in.
Week of March 02 through March 08, 2001: 356.9 million gallons, average temperature: 40 deg F, precipitation: 0.00 in.

MONTH-TO-DATE:
March 08, 2020: 336.8 million gallons.
March 08, 2019: 337.8 million gallons.
March 08, 2018: 366.2 million gallons.
March 08, 2001: 406.5 million gallons.

YEAR-TO DATE:
March 08, 2020: 2,823.1 million gallons (99.4% of 2019), precipitation was: 1.02 in.
March 08, 2019: 2,840.3 million gallons, precipitation was: 0.95 in.
March 08, 2018: 2,887.1 million gallons, precipitation was: 0.56 in.
March 08, 2001: 3,359.2 million gallons, precipitation was: 1.08 in.

LOCAL STORAGE:
March 08, 2020 volume is 16.81 billion gallons.
March 08, 2020 was 78.2% of capacity.
March 08, 2019 was 66.3% of capacity.
March 08, 2018 was 73.8% of capacity.
March 08 normal storage - 1997 to 2001 - is 75.3% of capacity.
March 08 average storage for 30 years - 1981 to 2010 - is 77.3% of capacity.
There are 257 days of demand in local storage.

SYSTEM STORAGE:
As of March 01, 2020, system wide storage volume is 66.1 billion gallons.
There are approximately 2.8 years of demand in storage system-wide.
System storage is at 78.8 % of capacity.
System storage for March 01, 2019 was 72.3 % of capacity.
System storage for March 01, 2018 was 80.3 % of capacity.
Normal system storage - 1997 to 2001 - for March 01 is 75.6 % of capacity.
Average system storage - 1981 to 2010 - for March 01 is 74.0 % of capacity.