Date: December 6, 2019

To: Utilities Board

From: Aram Benyamin, Chief Executive Officer

Subject: Communication to Utilities Board

1. Resolution Approving Amendment to the Joint Water Agreement
   - Colorado Springs Utilities is seeking City Council approval of a resolution approving the Amendment to extend the term of April 3, 2014, First Revised Water Transmission Service Contract between the Aurora-Colorado Springs Joint Water Authority and the Cities of Aurora and Colorado Springs (Transmission Contract) and authorizing the President of City Council to execute the Amendment.
   - The Amendment extends the term of the Transmission Contract through December 31, 2021, with a single one-year automatic extension of the term and also adds recent appropriations language.
   - Colorado Springs Utilities will seek City Council’s approval of the Amendment to the Transmission Contract by resolution on the consent calendar at the December 10 City Council meeting.

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

3. Weekly Water Update
   (See attachment)

4. Solar Generation Report
   (See attachment)

Attachments:
- Attachment 1 (Water Main Replacement Program (WMRP) 2-Week Look Ahead)
- Attachment 2 (Weekly Water Update)
- Attachment 3 (Solar Generation Report)

c: Officer Team
<table>
<thead>
<tr>
<th>COUNCIL DISTRICT</th>
<th>SEGMENT ID</th>
<th>FUNDING</th>
<th>STREET 1</th>
<th>FROM</th>
<th>STREET 2</th>
<th>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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<td>NEEDLEGRASS LN</td>
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**Legend**
- CA - Condition Assessment
- CP - Cathodic Protection
- REP - Replacement

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***

This information is subject to change due to emergency response, weather conditions, equipment and/or resource scheduling changes.
Weekly Water Update as of December 01, 2019:

CONSUMPTION:

WEEKLY:
Week of November 25 through December 01, 2019: 286.1 million gallons, average temperature: 23 deg F, precipitation: 0.40 in.
Week of November 25 through December 01, 2018: 308.4 million gallons, average temperature: 37 deg F, precipitation: 0.00 in.
Week of November 25 through December 01, 2017: 305.3 million gallons, average temperature: 48 deg F, precipitation: 0.00 in.
Week of November 25 through December 01, 2001: 320.1 million gallons, average temperature: 26 deg F, precipitation: 0.07 in.

MONTH-TO-DATE:
- December 01, 2019: 42.2 million gallons.
- December 01, 2018: 41.3 million gallons.
- December 01, 2017: 42.0 million gallons.
- December 01, 2001: 46.6 million gallons.

YEAR-TO DATE:
- December 01, 2019: 21,829.4 million gallons (92.3% of 2018), precipitation was: 11.43 in.
- December 01, 2018: 23,656.8 million gallons, precipitation was: 15.32 in.
- December 01, 2017: 22,339.0 million gallons, precipitation was: 18.43 in.
- December 01, 2001: 29,080.4 million gallons, precipitation was: 14.91 in.

LOCAL STORAGE:
- December 01, 2019 volume is 14.96 billion gallons.
- December 01, 2019 was 69.6% of capacity.
- December 01, 2018 was 46% of capacity.
- December 01, 2017 was 72.3% of capacity.
- December 01 normal storage - 1997 to 2001 - is 64.5% of capacity.
- December 01 average storage for 30 years - 1981 to 2010 - is 70.7% of capacity.
- There are 227 days of demand in local storage.

SYSTEM STORAGE:
- As of November 24, 2019, system wide storage volume is 68.2 billion gallons.
- There are approximately 2.8 years of demand in storage system-wide.
- System storage is at 81.3 % of capacity.
- System storage for November 24, 2018 was 73.8 % of capacity.
- System storage for November 24, 2017 was 85.1 % of capacity.
- Normal system storage - 1997 to 2001 - for November 24 is 75.8 % of capacity.
- Average system storage - 1981 to 2010 - for November 24 is 74.4 % of capacity.
### Solar Generation (MWh) - 2019

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<tr>
<th>METER_NAME</th>
<th>January</th>
<th>February</th>
<th>March</th>
<th>April</th>
<th>May</th>
<th>June</th>
<th>July</th>
<th>August</th>
<th>September</th>
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*The numbers shown are actual metered MWh and do not include the REC multipliers that some facilities receive.*