Presentation to the

CHALLENGES FOR THE YEAR AHEAD

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Executive Director

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• We’ve identified the type of meter needed for every location (over 200 sites) and are finalizing plans for those locations where new or relocated meters will improve reliability, safety or accuracy

• We expect to be out to bid this fall and in construction during 2020

• Staff will be updating the Operations Committee this fall
Paying Close Attention to Regulatory Changes

• We are closely watching the lead issues in Newark and around the country

• For PFAS, MWRA staff are participating in both DEP’s stakeholder process and the Lab Advisory committee

• Using more recent test methods (parts per trillion) we are seeing trace amounts – too low to even quantity, but detectable

• Important to note, these trace amounts are well below the standards that DEP is discussing and well below any standards or guidelines anywhere in the country. As best we can tell right now, the source is simply atmospheric deposition

• We are also participating in a Water Environment Research Foundation study on PFAS in biosolids
MWRA is subject to the new Paid Family and Medical Leave Law

- Funded by a tax of .75% of eligible wages - total annual cost for MWRA is $850,000

- Law allows 50-50 split of the tax between employer and employee, subject to bargaining with unions – continues in good faith

- New Department of Paid Family and Medical Leave will administer the program and payment of benefits

- Staff are getting up to speed on the new law, regulations and interplay with other leave benefits
You all know the highlights of the CSO Program:

- The $900 million program included 35 separate construction projects
- Annual CSO volumes have already been reduced by 2.7 billion gallons
- Since 2015, 93% of the remaining CSO flows are treated
Challenges of the CSO Post-Construction Assessment

- For 2019, CSO volumes were 421 million gallons – slightly higher than the CSO Plan target

<table>
<thead>
<tr>
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<th>Predicted Typical Year CSO 2019 System Conditions</th>
<th>Typical Year CSO Long Term Control Plan</th>
<th>Typical Year CSO Reported for 1988 System Conditions</th>
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<tbody>
<tr>
<td>TOTAL ALL RECEIVING WATERS(^{(3)})</td>
<td>421 MG</td>
<td>404 MG</td>
<td>3300 MG</td>
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- The challenge now is to look at all the data in the newly calibrated model to help prioritize where system modifications will get us to the target

- And at the same time, we also have to develop a receiving water quality model to demonstrate water quality improvements and sort out CSO versus non-CSO sources
• Work ongoing on tunnel alignment and shaft locations

• RFQ for Preliminary Design will be advertised in early October

• Award of the contract is expected next Spring