Update on Firm Water Contracts and Inventory

Water Operations Committee Meeting
Sept. 22, 2021
LCRA Firm Inventory, Commitments and Demand (acre-feet per year)

- Firm Inventory: 500,000 acre-feet
- Firm Commitments: 451,081 acre-feet
- Recent Maximum Firm Use (2011): 249,933 acre-feet

Arbuckle Reservoir Supply

Board Reserve
Short History of the Board Reserve

• 1989 – 50,000 acre-feet first set aside for 10-county statutory district

• 1999 – Reserve extended to cover 33-county water service area

• 2003 – Reserve extended to two additional counties

• 2019 – Reserve reduced by 5,000 acre-feet to the current commitment of 45,000 acre-feet
LCRA Basin Map

Geographic reaches
## Firm Customer Commitments by Location

<table>
<thead>
<tr>
<th>Reach</th>
<th>Firm Supplies Available at and Below Reach</th>
<th>Total MAQ&lt;sup&gt;1&lt;/sup&gt; of Customers in Reach</th>
<th>Available Supply at Reach</th>
<th>Available Supply at Reach After 45,000 a-f per Year Board Reserve</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highland Lakes</td>
<td>451,847</td>
<td>332,589</td>
<td>119,258</td>
<td>74,258</td>
</tr>
<tr>
<td>Bastrop</td>
<td>-</td>
<td>17,771</td>
<td>101,487</td>
<td>56,487</td>
</tr>
<tr>
<td>Columbus</td>
<td>-</td>
<td>43,500</td>
<td>57,987</td>
<td>12,987</td>
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<tr>
<td>Wharton</td>
<td>-</td>
<td>-</td>
<td>57,987</td>
<td>12,987</td>
</tr>
<tr>
<td>Bay City/Arbuckle</td>
<td>48,153</td>
<td>17,221</td>
<td>88,919</td>
<td>43,919</td>
</tr>
<tr>
<td>Matagorda&lt;sup&gt;2&lt;/sup&gt;</td>
<td>-</td>
<td>40,000</td>
<td>48,919</td>
<td>3,919</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>500,000</strong></td>
<td><strong>451,081</strong></td>
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</tr>
</tbody>
</table>

1. Includes 33,440 a-f per year commitment for environmental flows, as part of Highland Lakes MAQ.
2. 40,000 a-f commitment is a multiyear average.
Path Forward

• Potential Board action to decrease the Board Reserve as needed to continue meeting customer needs with available water

• Note: When Arbuckle Reservoir comes online in 2023, the system’s firm inventory will increase by 90,000 acre-feet