City of Prescott Reclaimed Supplies: Now and in the Future

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Hydrology
Prescott’s Recent Water History

- Wells: 1950’s to present
- Direct Reuse for turf irrigation begins: 1970’s
- Active Management Area: 1980 – present
- Zero Discharge: 1987
- Lakes: 1998 – present
- Safe Yield Declaration: 1999-present
PrAMA
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Alternative Supplies & AWS Rules

- New development must be with alternative water supplies, those include surface and reclaimed water, and groundwater importation.
- Applicants are required to demonstrate an assured water supply that will be physically, legally, and continuously available for the next 100 years before the developer can record plats or sell parcels.
<table>
<thead>
<tr>
<th>Decision and Order</th>
<th>Alt Water Budget</th>
<th>Reclaimed recharge and recovery</th>
<th>Reclaimed direct delivery</th>
</tr>
</thead>
<tbody>
<tr>
<td>1999</td>
<td>12%</td>
<td></td>
<td></td>
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<tr>
<td>2005</td>
<td>37%</td>
<td>40%</td>
<td>14.5%</td>
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<tr>
<td>2009</td>
<td>43%</td>
<td>52%</td>
<td>25.5%</td>
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</tbody>
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Recharge System
Augmentation and Recharge Program

- Rights to recover water may be exercised annually or long-term.
- Almost any water can be recovered within the same year in which it was stored.
- Stored water will be credited to a long-term storage account.
- No time limit exists on the right to recover long-term storage credits.
- Long-term storage credits may be assigned to another person.
- Once the water is recovered, it retains the same legal characteristics it had before storage.
- A certain percentage of the volume of water stored is made non-recoverable by statute to benefit the aquifer.
Moving forward

- Sewer connections
- Centralization
Thank you for the opportunity to speak with you today.

Questions?

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