Californians Without Safe Water and Sanitation, (Draft Report)

California Water Plan
Plenary
October 29, 2013
Californians Without Safe Water and Sanitation

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Californians Without Safe Water and Sanitation

Introduction

- Update of 2005 Report
- Prepared with assistance from State Agencies, Tribal AC members, & Public Stakeholders
- Intended to continue the dialogue on Californians without safe water and sanitation
- Includes Definitions
## Californians Without Safe Water and Sanitation

### Population without Safe Water

<table>
<thead>
<tr>
<th>Type of System</th>
<th>Total No. of Systems</th>
<th>Total Population</th>
<th>No. of Systems without Safe Water</th>
<th>Population without Safe Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Systems supplying individual homeowners (1 – 4 Service Conn.)</td>
<td>200,000 – 600,000¹</td>
<td>600,000 to 2,000,000¹</td>
<td>Data Not Available</td>
<td>Data Not Available</td>
</tr>
<tr>
<td>State Small Water Systems</td>
<td>Data Not Available</td>
<td>Data Not Available</td>
<td>Data Not Available</td>
<td>Data Not Available</td>
</tr>
<tr>
<td>Tribal Water Systems</td>
<td>125²</td>
<td>Data Not Available</td>
<td>(10,934 homes)³</td>
<td>36,000³</td>
</tr>
<tr>
<td>Small Community Water Systems</td>
<td>2,267⁴</td>
<td>930,000⁴</td>
<td>164⁵</td>
<td>60,000⁵</td>
</tr>
<tr>
<td>Medium Community Water Systems</td>
<td>232⁴</td>
<td>1,400,000⁴</td>
<td>Data Not Available</td>
<td>&lt;660,000⁶</td>
</tr>
<tr>
<td>Large Community Water Systems</td>
<td>421⁴</td>
<td>35,000,000⁴</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

See report for footnote descriptions.
## Californians Without Safe Water and Sanitation

### Population without Adequate Sanitation

<table>
<thead>
<tr>
<th>Type of System</th>
<th>Total No. of Systems</th>
<th>Total Population</th>
<th>No. of Systems without Adequate Sanitation</th>
<th>Population without Adequate Sanitation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Onsite Wastewater Treatment Systems</td>
<td>&gt;1,200,000&lt;sup&gt;1&lt;/sup&gt;</td>
<td>&gt;3,960,000&lt;sup&gt;1&lt;/sup&gt;</td>
<td>Data Not Available</td>
<td>Data Not Available</td>
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<tr>
<td>Tribal Wastewater Systems</td>
<td>Data Not Available</td>
<td>Data Not Available</td>
<td>9,499 homes&lt;sup&gt;2&lt;/sup&gt;</td>
<td>31,000&lt;sup&gt;2&lt;/sup&gt;</td>
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<tr>
<td>Small Wastewater Systems</td>
<td>577&lt;sup&gt;3&lt;/sup&gt;</td>
<td>Data Not Available</td>
<td>Data Not Available</td>
<td>Data Not Available</td>
</tr>
<tr>
<td>Medium &amp; Large Wastewater Systems</td>
<td>317&lt;sup&gt;3&lt;/sup&gt;</td>
<td>Data Not Available</td>
<td>Data Not Available</td>
<td>Data Not Available</td>
</tr>
</tbody>
</table>

See report for footnote descriptions.
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Challenges Faced by Small Communities

- Common Challenges
  - Rural Areas
  - Funding & Affordability

- Drinking Water Challenges
  - Groundwater Contaminants
  - Consolidation

- Sanitation
  - Failing Septic Systems
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A Focus on California Native American Population

- Management & Oversight
- Drinking Water & Sanitation Challenges
- Funding & Affordability
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Progress and Accomplishments over the Past 10 Years

- Progress to Provide Safe Drinking Water
- Progress to Provide Adequate Sanitation
- Progress to Provide Safe Water & Sanitation to Tribes
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Conclusions

- Some progress has been made, but there is still a long way to go
- Finding a solution on how to fund O&M Costs
- Only a Partial Assessment of Californians without Safe Water and Sanitation can be made
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Draft Recommendations

• 10 Recommendations

• Includes recommendations & actions from:
  • Reports to Governor
  • Reports to Legislature
  • Strategic & Program Plans

• Funding needed to Implement Recommendations
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Comments

• Due December 16, 2013

• Please email comments to:
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