

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

Type of System	Total No. of Systems	Total Population	No. of Systems without Safe Water	Population without Safe Water
Systems supplying individual homeowners (1 – 4 Service Conn.)	200,000 – 600,000 ¹	600,000 to 2,000,000 ¹	Data Not Available	Data Not Available
State Small Water Systems	Data Not Available	Data Not Available	Data Not Available	Data Not Available
Tribal Water Systems	125 ²	Data Not Available	(10,934 homes) ³	36,000 ³
Small Community Water Systems	2,267 ⁴	930,000 ⁴	164 ⁵	60,000 ⁵
Medium Community Water Systems	232 ⁴	1,400,000 ⁴	Data Not Available	<660,000 ⁶
Large Community Water Systems	421 ⁴	35,000,000 ⁴		

See report for footnote descriptions.

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Population without Adequate Sanitation

Type of System	Total No. of Systems	Total Population	No. of Systems without Adequate Sanitation	Population without Adequate Sanitation
Onsite Wastewater Treatment Systems (Septic Systems)	>1,200,000 ¹	>3,960,000 ¹	Data Not Available	Data Not Available
Tribal Wastewater Systems	Data Not Available	Data Not Available	9,499 homes ²	31,000 ²
Small Wastewater Systems	577 ³	Data Not Available	Data Not Available	Data Not Available
Medium & Large Wastewater Systems	317 ³	Data Not Available	Data Not Available	Data Not Available

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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