



County of San Mateo
Department of Public Works

**Pescadero Community
Water System
(*County Service Area No. 11*)**

***Informational Meeting Regarding
Mean Household Income Survey***

Pescadero Elementary School
January 30, 2013
7:00 PM



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Department of Public Works

Agenda

1. History & Operations of CSA-11
2. System Performance
3. Prop 84 Grant Opportunity
4. Pescadero Water Supply Project
5. Disadvantaged Community Status
6. Mean Household Income Survey (RCAC)



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1. History & Operations of CSA-11

- October 13, 1987 – Board of Supervisors adopted Resolution No. 49690 requesting LAFCo to undertake proceedings for the formation of CSA-11.
- January 12, 1988 – Board of Supervisors adopted Resolution No. 49999 establishing CSA-11.
 - Enabling legislation – California Government Code Section 25210



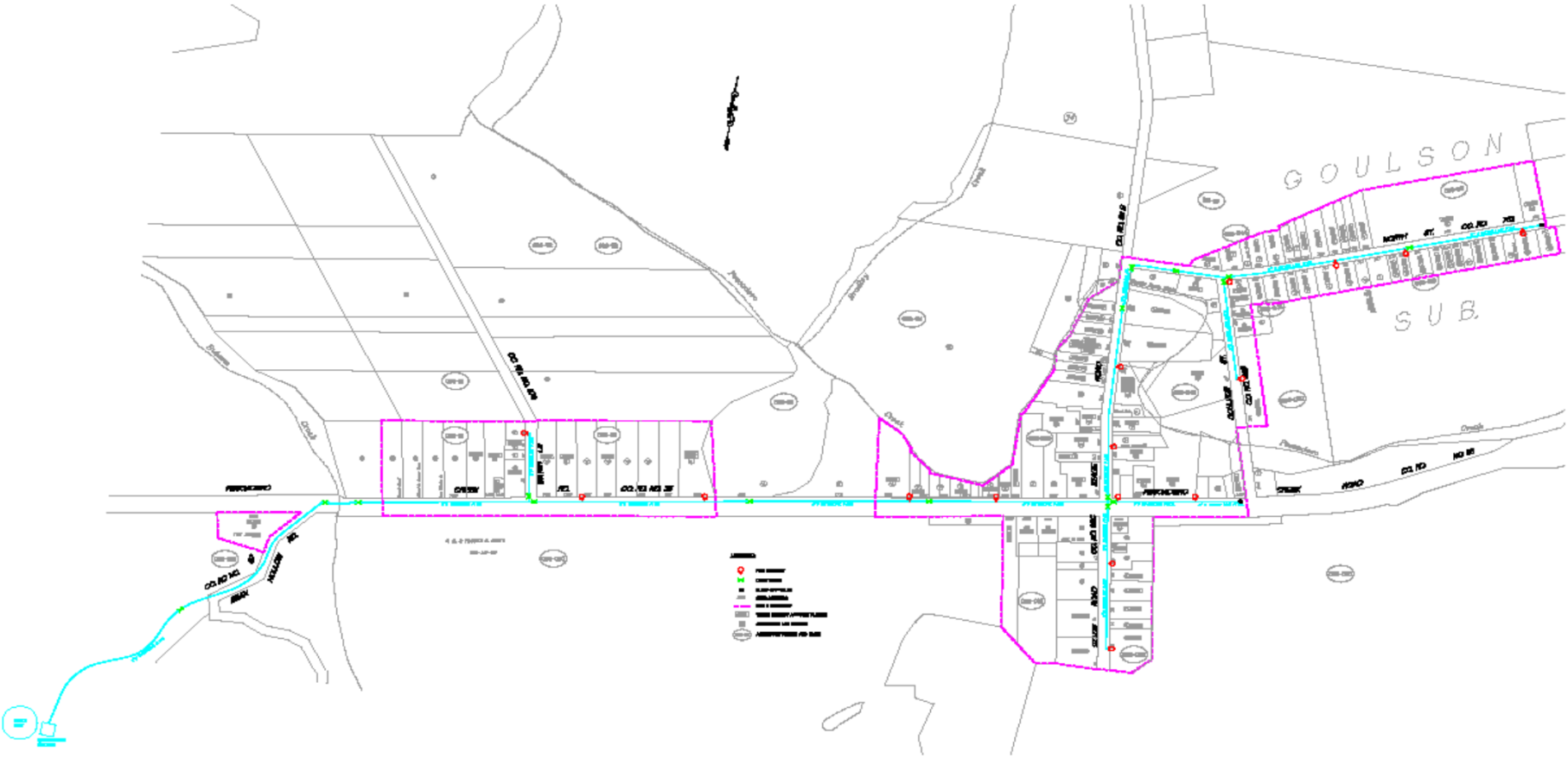
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1. History & Operations of CSA-11

- Reasons for the formation of CSA-11:
 - 40% of private wells were shallow and had high concentration of nitrate and bacteria
 - Community petition.
 - An aquifer of adequate size and quality was available.
- Provides water to 100 customers within CSA-11 boundary:
 - 80 Residential (Single and Multi-Family)
 - 14 Commercial (Stores, Restaurants)
 - 6 Others (Fire Station, School, Church)



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1. History & Operations of CSA-11

- Well and pump systems constructed and put in operation in 1992:
 - Storage tank – 140,000 gallon capacity
 - Well #1 – Production well; Drilled and developed in 1992
 - Well #2 – Standby/emergency well; Drilled in 1983; Developed in 1992
 - Alarm and telemetry system
 - Cathodic protection for storage tank to prevent corrosion
 - Chlorination building



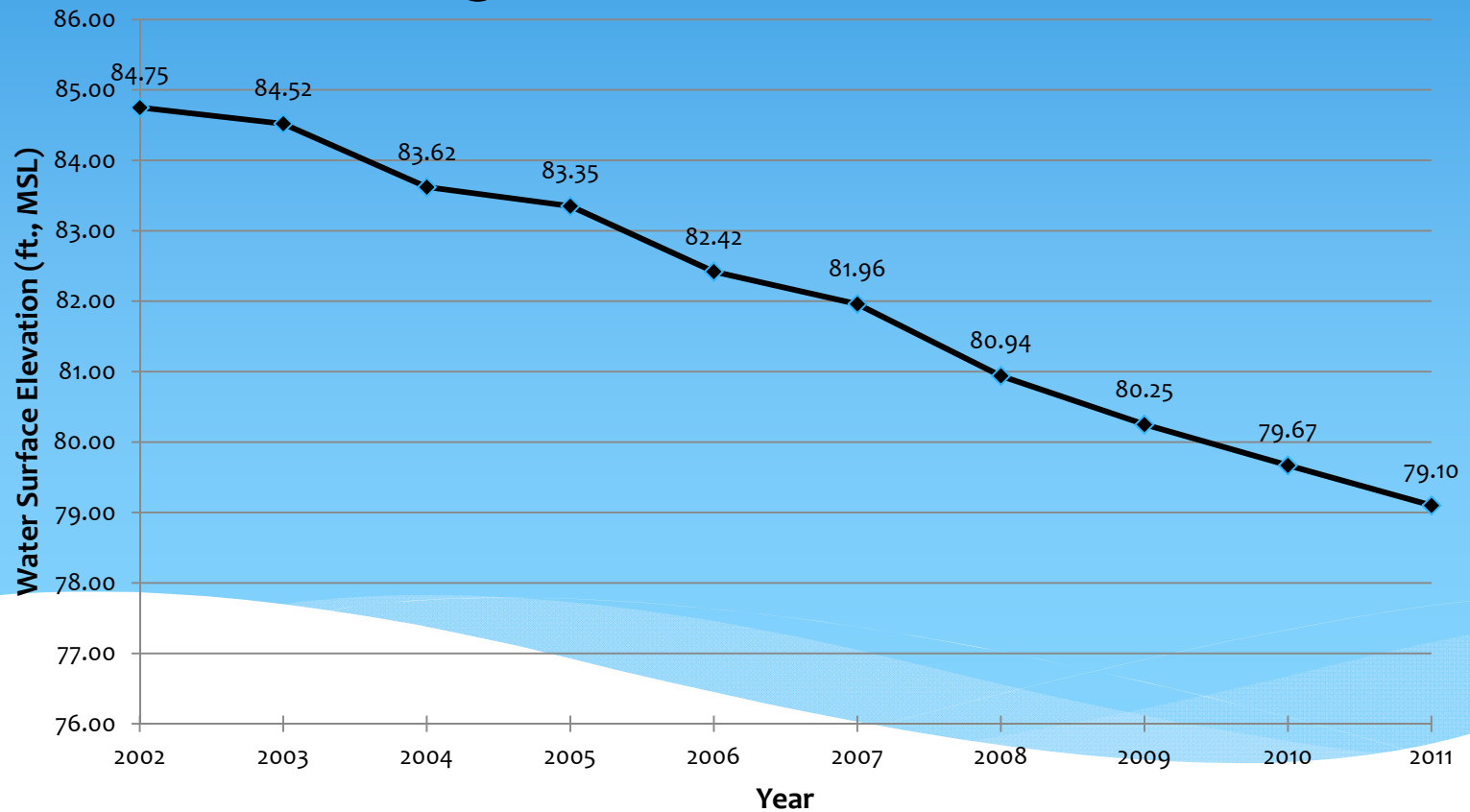
2. System Performance

- March 2002 - Todd Engineers completed an assessment report on CSA-11:
 - Well #1 was estimated to service the community for 25 years (in service since 1992).
 - Todd Engineers' assessment indicated well failure could occur in 8 to 15 years (between 2010 and 2017).
 - Recommendations included installation of a new, deeper well (100' below sea level), which could increase the aquifer lifespan to 38 years.



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Well #1 Water Surface Elevation Changes from 2002-2011





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3. Prop 84 Grant Opportunity

- Proposition 84 - Approved by voters in 2006 to provide funding for water related projects
 - Round 2 Implementation Grant Program
 - Administered by the California Department of Water Resources - Applications due 3/29/2013
 - \$20 million available for the 19 projects from San Francisco Bay Area applying for funding
 - Reimbursement basis if funded
 - Grant requires 25% funding match, unless waived for projects serving a Disadvantaged Community (DAC)



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4. Pescadero Water Supply Project

- Construct new, deeper well to extend life of aquifer to at least 38 years (Based on 2002 Assessment Report estimate)
- Construct new 140,000 gallon storage tank
 - Would provide redundancy for water supply and storage system
- Upgrade alarm and monitoring system
- Security fencing of water system facilities
- Implement water conservation program
 - Participation would be optional



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4. Pescadero Water Supply Project

- Preparation of application documents already underway (Funding provided by County General Fund, not from CSA 11 rates)
 - Mean Household Income Survey
 - 2002 Assessment Report Update
 - Preliminary Design of New Well and Storage Tank
 - Environmental Permitting



5. Disadvantaged Community Status

- Pescadero community qualified as a Disadvantaged Community (DAC) in 2006 Mean Household Income Survey
- Special grant consideration given to projects that support a DAC for a Critical Water Supply Project
- State is requiring new Mean Household Income Survey to qualify
- Criteria is at or below 80% of the State Mean Household Income (\$48,706)



5. Disadvantaged Community Status

- If CSA 11 qualifies as a DAC:
 - Water supply project is very likely to be funded
 - Up to 25% of the funding match may be waived
- If CSA 11 is not a DAC:
 - We can still apply for funding
 - Pescadero Water Supply Project less likely to be selected
 - 25% match can **not** be waived



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6. Mean Household Income Survey

- Rural Community Assistance Corporation
 - Presentation
 - Questions and answers
 - Assistance with completing the survey