

**Coachella Valley Disadvantaged Community (DAC) Outreach Program**

**Community Water Workshop**

*Western Coachella Valley  
June 20, 2013*

### Agenda

- Welcome and Introductions
- Background and Purpose of DAC Outreach Program
- DAC Mapping and Surveying Approach
- Community Mapping Exercise
- Project Development Exercise
- Questions and Comments
- Next Steps

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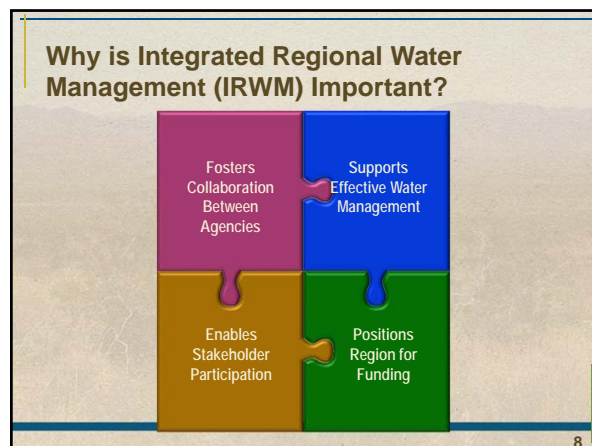
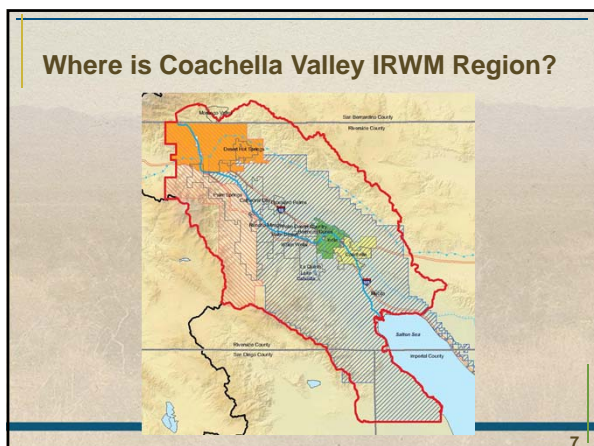
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### What is Integrated Regional Water Management (IRWM) Planning?

- A regional approach for addressing water management issues preferred by:
  - Department of Water Resources (DWR)
  - State Water Resources Control Board
- A mechanism for stakeholders to work together to effectively implement water management projects

### Who is Leading the Coachella Valley IRWM Program?

- Coachella Valley Regional Water Management Group (CVRWMG) was formed in September 2008 to establish and fund IRWM planning
  - Coachella Water Authority
  - Coachella Valley Water District
  - Desert Water Agency
  - Indio Water Authority
  - Mission Springs Water District



### Proposition 84 Grant Funding

- Passed by California voters in November 2006
- Provides \$1 billion for IRWM planning and projects
  - \$36 million allocated for Colorado River Funding Area (which includes Imperial, Borrego, and portions of Mojave regions)
  - Grant funding is competitive within each Funding Area

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### Disadvantaged Community (DAC) Outreach Program

Sister Program to the Coachella Valley IRWM Program, designed to:

- Expand upon previous DAC outreach to target individuals and groups representing DAC issues
- Engage DAC community in identify DAC water management issues and projects to address issues

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### DAC Outreach Program: Timeline 2012-2013


Tasks	2012	2013
Outreach Plan	Start	
Meetings/Workshops	Start	
DAC Mapping	Start	
Project Development	Start	
Prj Planning/Engineering		Start
DAC IRWM Plan Element		Draft Element Final Element
Model Program Preparation		Draft Final Model Final

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### Mapping and Surveying: Overview

- Emphasis on completing mapping (surveying) portion of project
  - 214 surveys completed to-date
- Contracts established with and through local NGOs:
  - Loma Linda University
  - El Sol Neighborhood Educational Center
  - Pueblo Unido Community Services District



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### Mapping and Surveying: Content

#### Why a Field Survey Questionnaire?

- To obtain information about a community *without* interviewing everyone
- A small survey can describe the characteristics of hundreds
- A **FIELD** survey takes you to the households
  - The phone, internet and mailed surveys would not work for this population
    - Inaccurate census data
    - Varying governmental regions and mobile home park status

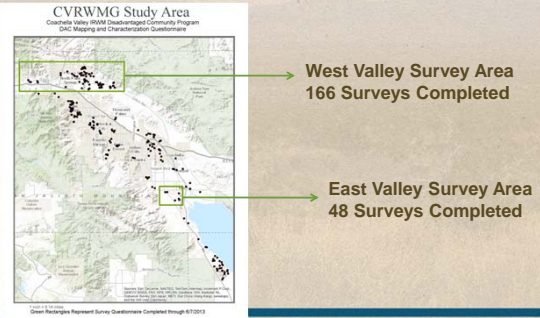
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### Mapping and Surveying: Content

- Questionnaire Objectives:
  - Define community
  - "Self-report" data: occurrences of problems
  - Regions of problems
- Survey and observation topics:
  - General information
  - Water Quality
  - Wastewater
  - Flood Control

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### Mapping and Surveying: Survey Locations



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### Mapping and Surveying: Approach


- Survey questions developed
- Selection of survey sites
  - Random selection throughout the Valley
  - Including incorporated and unincorporated areas
- Surveying in the field
  - Training of promotores, students, and volunteers
  - Revisions to survey
- Progress to date



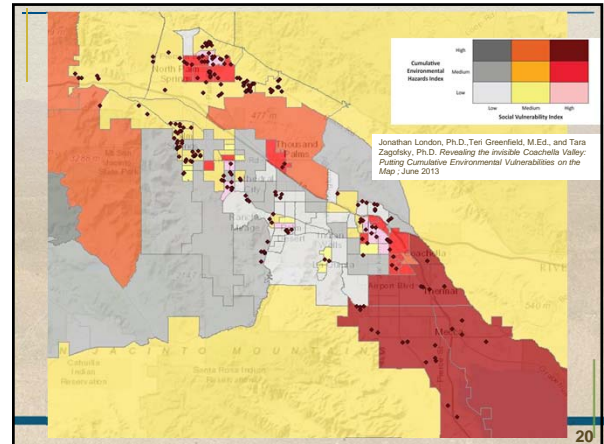
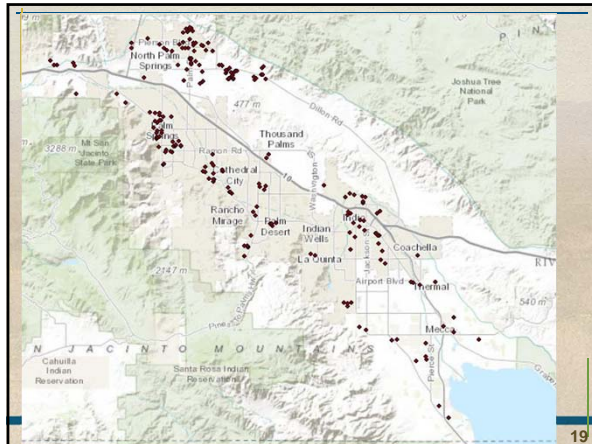
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### Household Selection

- Multi-stage sample
  - 1<sup>st</sup> stage - houses
    - Define water district boundaries
    - Random selection: census blocks, parcel data
    - Everyone has an equal chance of being selected
  - 2<sup>nd</sup> stage - clusters
    - Assess chosen sites for clusters
    - systematic house selection: # of homes per park
  - 3<sup>rd</sup> stage – community input
    - Additional locations: local partner input
  - VALIDATE
    - CEVA - UC DAVIS
    - Survey Approval



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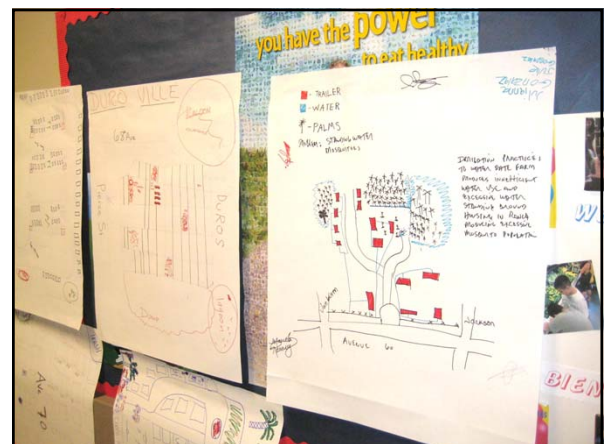
### Mapping and Surveying: Survey Process

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### Community Mapping: Objectives

- Identify water, wastewater or flood control resources and challenges
- Identify any missing resources
  - Physical
  - Technical Assistance
- Group presentations



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## DAC Project Development

- Several DAC-targeted projects identified to-date
- Engineering support available through IRWM Program
  - DAC projects granted engineering support through the IRWM Program must be cost effective, near-term solutions with near-term benefits

Wastewater Lagoons Adjacent to the San Antonio del Desierto Mobile Home Park  
Project included in Round 2-Prop 84 Implementation Grant Application



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## DAC Outreach Program: DAC Project Development

- Projects identified to date – see handout!
- Group discussion – please provide your input!



Reverse osmosis system installed in the eastern Coachella Valley



WATER QUALITY CONTROL PLAN  
COLORADO RIVER BASIN, REGION 2  
SOUTHWESTERN WATER RESOURCES DIVISION  
U.S. ENVIRONMENTAL PROTECTION AGENCY

The Basin Plan for the Colorado River Basin addresses potential impacts of septic systems on groundwater



Flooding in the Coachella Valley

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## DAC Outreach Program: Next Steps

- Meeting will be held on September 12, 2013 to:
  - Review DAC characterization (surveying results)
  - Discuss status of DAC project development
  - Present draft DAC Outreach Report
    - IRWM Plan Element
    - Outreach White Paper

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Coachella Valley  
Regional Water Management Group

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