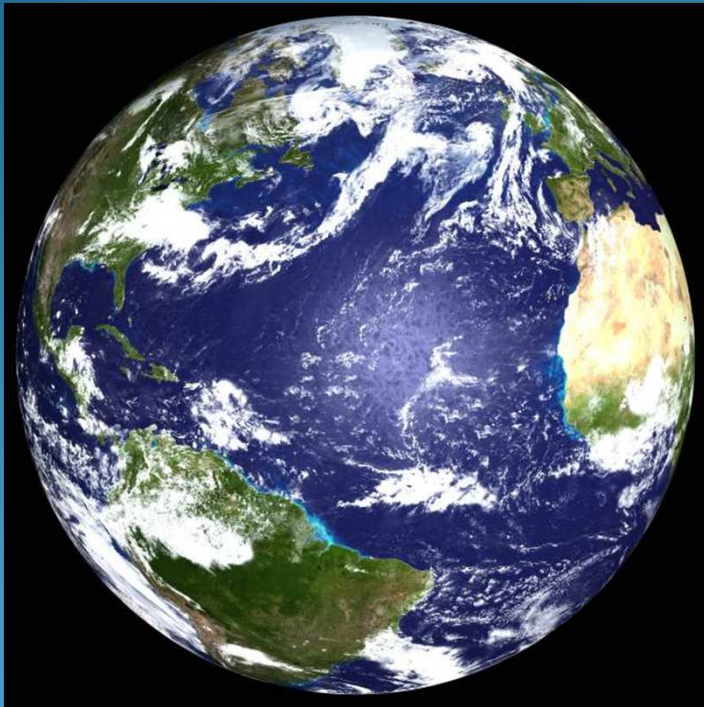


# Partnering to Success in the Bay Area and Beyond



Gary Darling  
Delta Diablo Sanitation District

NACWA 2010 Summer Conference and  
40<sup>th</sup> Annual Meeting  
July 23, 2010  
San Francisco, CA

# Delta Diablo Sanitation District



- Medium-Sized Plant: Average Flow 13MGD
- One of the largest industrial recycled water facilities in California – rated for 12.8 MGD.
  - Provides recycled water to 2 power plants and 20 acres of parks / landscaped areas.
- 2010 NACWA Platinum “6” Peak Performance Award
- 2009 : best medium-sized wastewater treatment plant in State of California (California Water Environment Association)



# Lake Oroville (29% capacity)



2005



August 2008



November 2008

Source: State of California Department of Water Resources



# San Luis Reservoir (16% of capacity)



*March 1995*

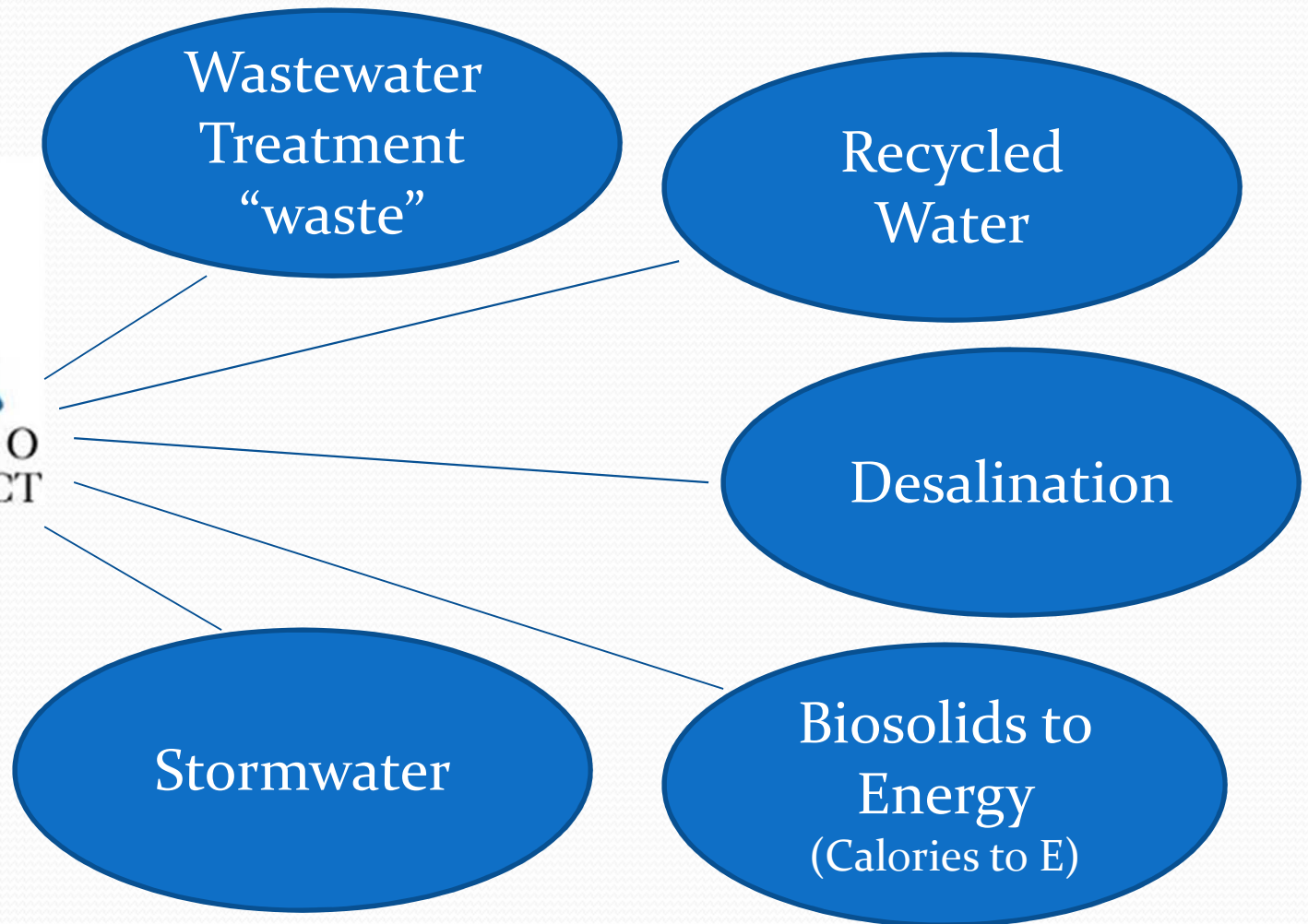
*August 2008*



*Source: State of California Department of Water Resources*

# Untapped Resources...

## New paradigm for Wastewater Agencies





# Partnerships = Success

- Economic
  - Political
  - Community
  - Environmental
- 
- Regional Coalitions
    - Bay Area Recycled Water Coalition (14 agencies)
    - Bay Area Biosolids to Energy (16 agencies)
    - East County Household Hazardous Waste (7 agencies)
    - East County Integrated Regional Water Management (11 agencies)



# Bay Area Water Recycling Coalition

- 1999 Bay Area Recycled Water Master Plan (22 agencies)
  - Near Term and Long Term Opportunities (500 taf)
  - Opportunities existed, but funding didn't
    - State Funding (Proposition 50 and 84)
    - Federal Funding (Title 16)
      - 25% funding
      - Backlog of 50 projects >\$600 million
      - Funding only w/earmarks
  - Why is funding important?
- 2010 :
  - 14 agencies joined by MOA (main driver is project readiness)
  - 16 projects
  - \$35M federal funding received to date
- Website : [www.barwc.org](http://www.barwc.org)





# A regional effort for local benefits





# Bay Area Biosolids to Energy Coalition

- Land Application Opportunities Disappearing
  - Kern County Ordinance
  - Solano County Ordinance
- 2006 : AB32 (Biosolids → Renewable Energy → Water Content)
- 2010 : 16 Bay Area agencies study alternatives
  - Lobbyists in Sacramento and Washington DC
  - Why is funding important?
- Next Steps
  - RFQ process (waste heat, gasification, steam reform)
  - Environmental Community
  - Net energy positive
  - Decrease GHG
- Website: [www.bab2e.org](http://www.bab2e.org)



# Bay Area Biosolids to Energy Project

- 16 San Francisco Bay Area agencies
- Over 2 million residents
- Seeking local, sustainable solution to biosolids management
- Maximize state and federal support
- Honor environmental and community needs





# Creating a Coalition



- Common “crisis” facing more than one agency or service area
- One clearly defined and agreed upon goal
- Formal Agreement (JPEA / MOA)
- Steering Committee + Sub-committees
- Regular meetings
- Appoint spokespeople

# Economic

- Expensive undertaking – need stakeholder involvement
- Seed money from all agencies to get started
- State and Federal funding essential
  - Grants
  - Potential Green House Gas Credits
  - Zero interest loans
  - Stimulus funds
- Benefits to community
  - Jobs
  - Rates
  - Health and Safety
  - Environmental





# Political

- Support from elected officials essential
- Formal structure gives credibility
- Dealing with one group –v- many agencies
- Champion “On The Hill”
- Advocates





Rep. Garamendi



Rep. Miller



Rep. Eshoo



Rep. Honda



Rep. Lofgren



Rep. Stark



Rep. McNerney



Rep. Woolsey



Senator Boxer



Senator Feinstein



President Obama



# Environment

- Often an environmental crisis which creates need for your project
- We are environmental stewards as well
- Work with environmentalists – early and often
- Communicate what the issues are
- Communicate what the benefits are
- Formal studies and reports



# Community



- Involve the community
- Build relationships, not just partnerships
- Create a Community Engagement Sub-committee
- Public Education and Outreach
  - Increase knowledge about the crisis
  - Consistent messaging
  - Don't let others talk about you or the crisis first
  - Different stakeholders = different needs and expectations
  - Media : traditional and social
- Be transparent and inclusive



# How Do You Really Make this Work?

- One goal – many voices
- Shared advocacy – work together
- Involve all stakeholders – one is not more important than the other
- Don't assume people understand the crisis the same way you do
- When it comes to the environment, many opinions
- Don't lose sight of the goal – project is bigger than your one agency
- Keep a sense of humor
- “Success has many fathers”
- Passionate Advocate





# Questions ??

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