

# **Environmental Health Overview with Emphasis on Land Use**

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**Contra Costa County Health Services Department**

# EH Programs

## Consumer Protection

- Food
- Public Pools
- Jails/Holding Cells
- Body Art
- Small Water Systems

## Environmental Protection

- Solid Waste/LEA\*
- Waste Tire
- Medical Waste
- Review and comment on planning documents
- Well/Soil Boring  
Construction/Destruction
- On-site Wastewater Treatment  
System Construction

# Highlighted Issues

## Consumer Protection

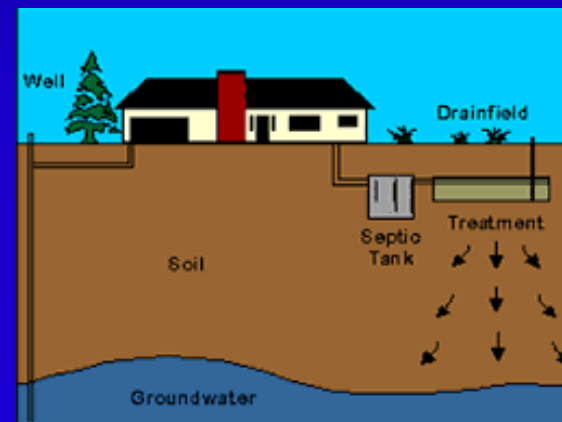
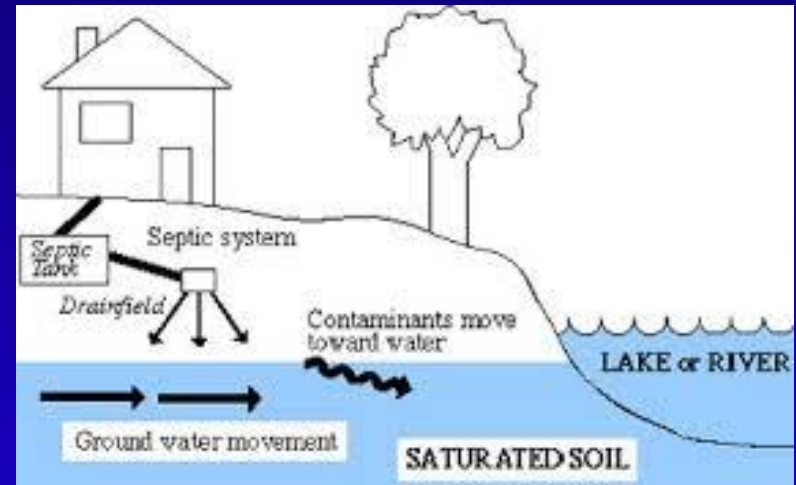
- Food facility placarding
- Changing face of food production
  - Gourmet food trucks
  - Cottage food
  - Community producer/gleaner
  - Pop-up restaurants
  - App/web sales- home-made food
- Medical marijuana

## Environmental Protection

- Illegal dumping/hauling and transfer stations
- On-site wastewater treatment system new ordinance and regulations
- Drought and future water well construction permits
- Small water system oversight changes/drought

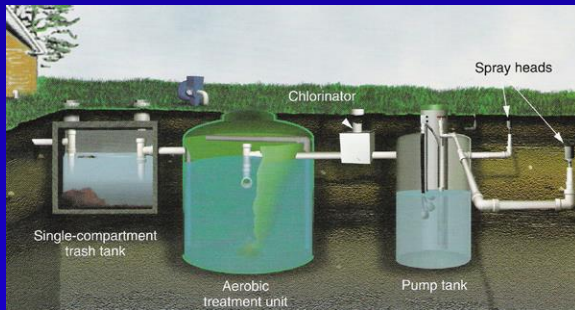
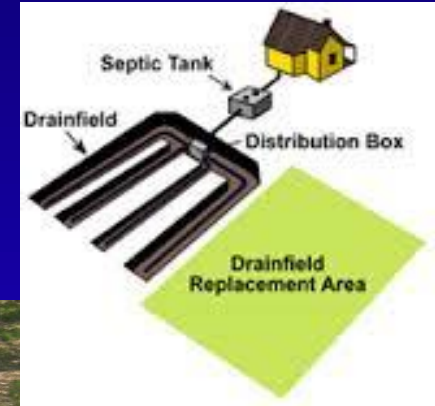
# On-site Wastewater Treatment Systems (OWTS)

- For locations where sewer connection is not an option
- Design needs to ensure the effluent is “clean” before it gets into groundwater or surface water
- Need separation from water well(s)



# On-site Wastewater Treatment Systems (OWTS)

- EH oversight role for a new OWTS:
  - Review of OWTS plans before construction
  - On-site inspection at various stages of construction
  - On-going oversight of alternative OWTS

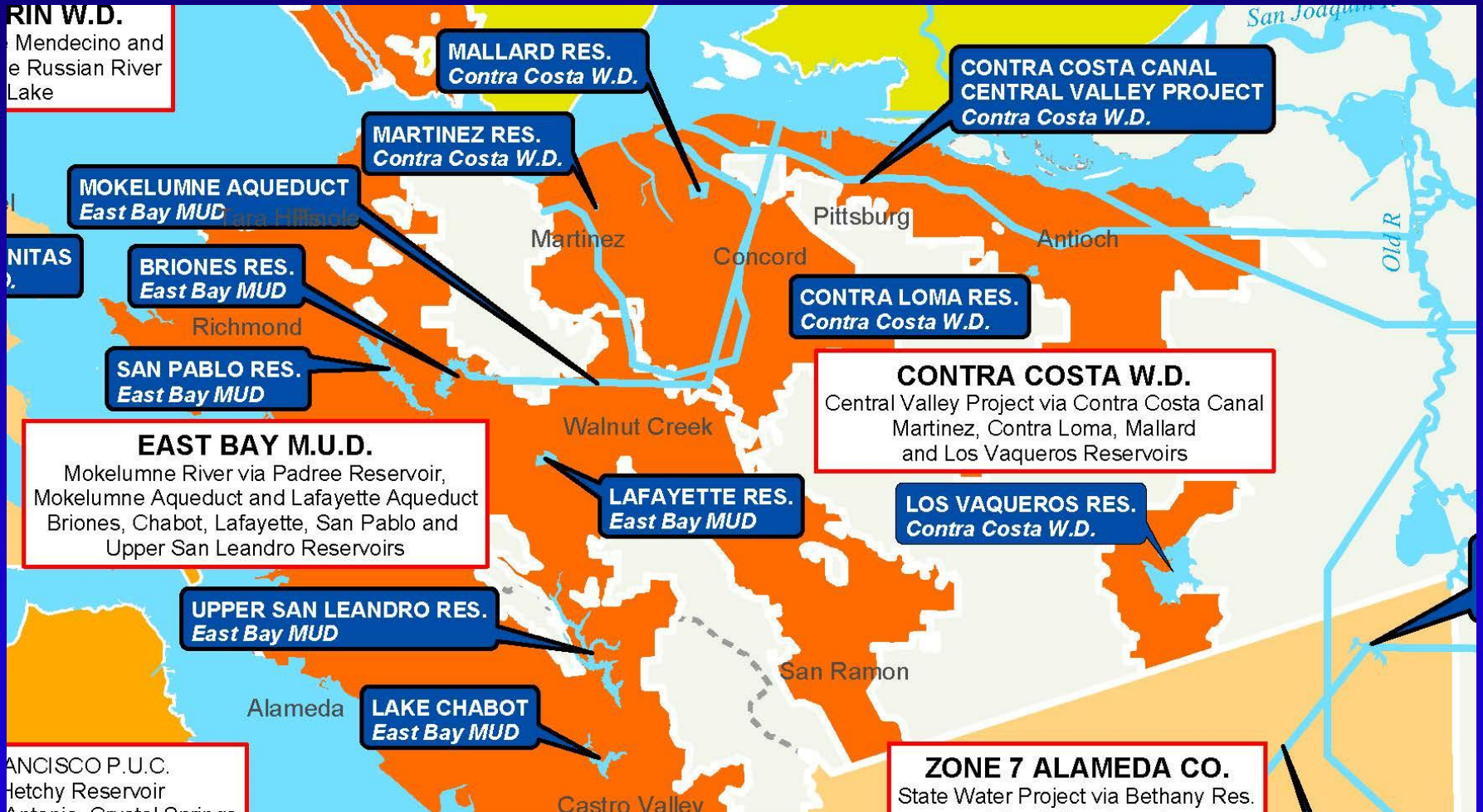


- EH involved in approval of minor subdivisions needing OWTS, additions and changes to structure that might involve larger capacity OWTS, proper destruction of systems

# On-site Wastewater Treatment Systems (OWTS)- Changes

- Counties on timeline to meet AB885 regulations
- Current ordinance and regulations worked as shown by the lack of impaired drinking water bodies due to OWTS-related pollutants
- Current ordinance and regulations meet the new standards under AB885
- Proposing changes in new ordinance to streamline and update it given new technology and science

# Drinking Water Reservoirs



# Wells and Soil Boring

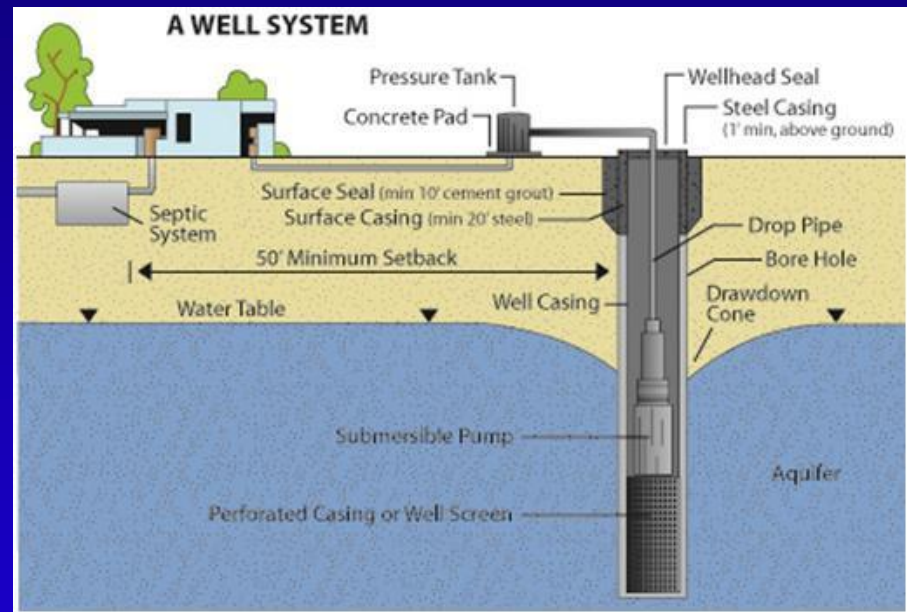
- Improperly constructed, altered, maintained, or destroyed wells can facilitate the degradation of ground water quality
- Permanently inactive or "abandoned" wells that have not been properly destroyed pose a serious threat to water quality
  - Surface contamination
  - Between aquifer
  - Well construction





# Wells and Soil Boring

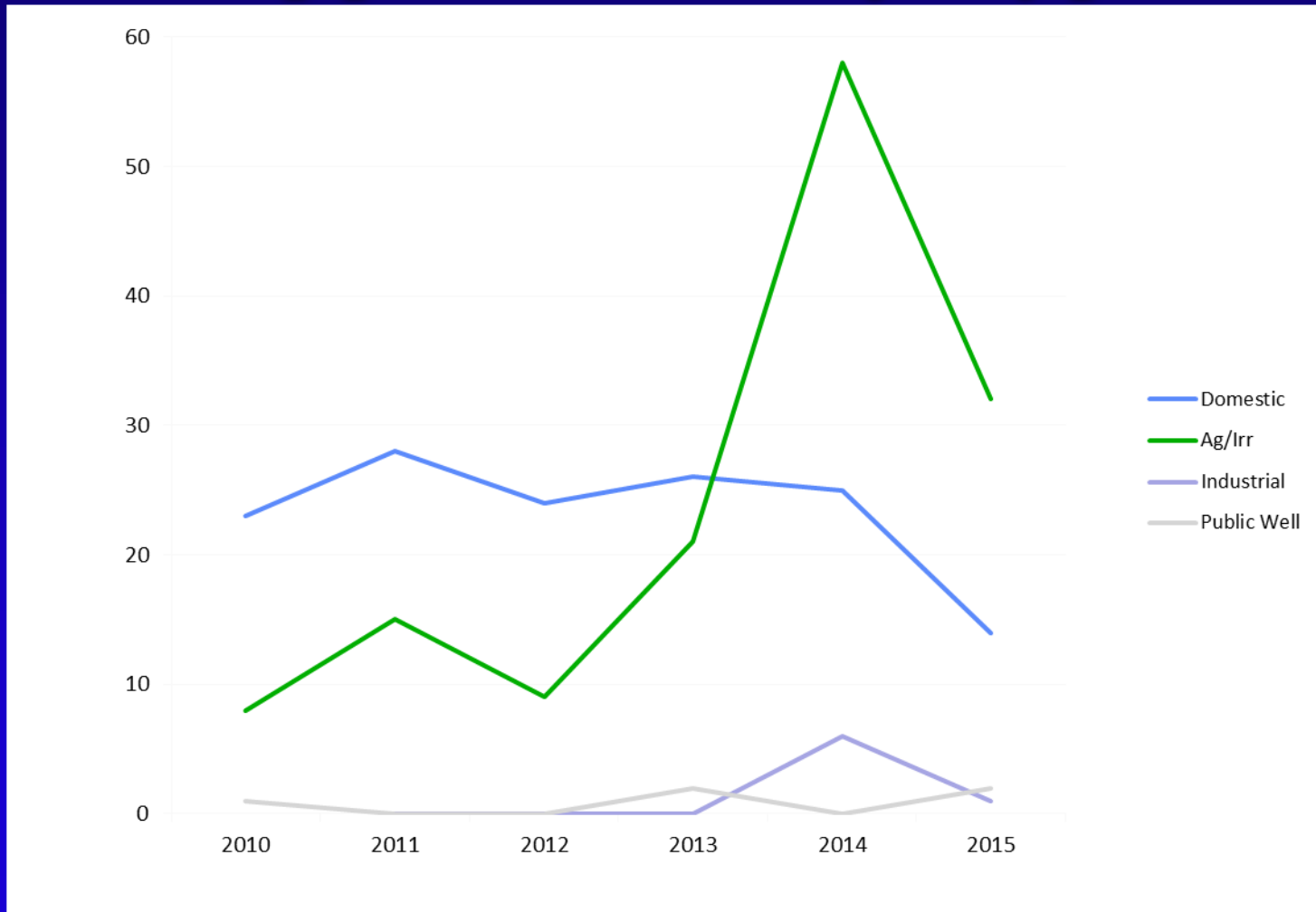
- EH oversees proper destruction of water wells and types of soil borings
- EH oversees design, construction, and testing of wells encountering water
  - Horizontal location
  - Proper sealing
  - Adequate water quantity (domestic, public)
  - Meets bacteriological water quality standards at construction



# Water Well Construction Applications (Total)



# Well Construction Applications by Type



# Public Water Systems in Contra Costa County

- EH serves as state oversight:
  - federally-defined small water systems (15-199 connections)
  - state small water systems in the county (5-14 connections)
- EH oversees county-defined small water systems (2-4 connections)
- EH oversight role:
  - Operations including water quality
  - New or sales of small water systems
    - Need to meet Technical, Managerial, and Financial

# Public Water Systems in Contra Costa County

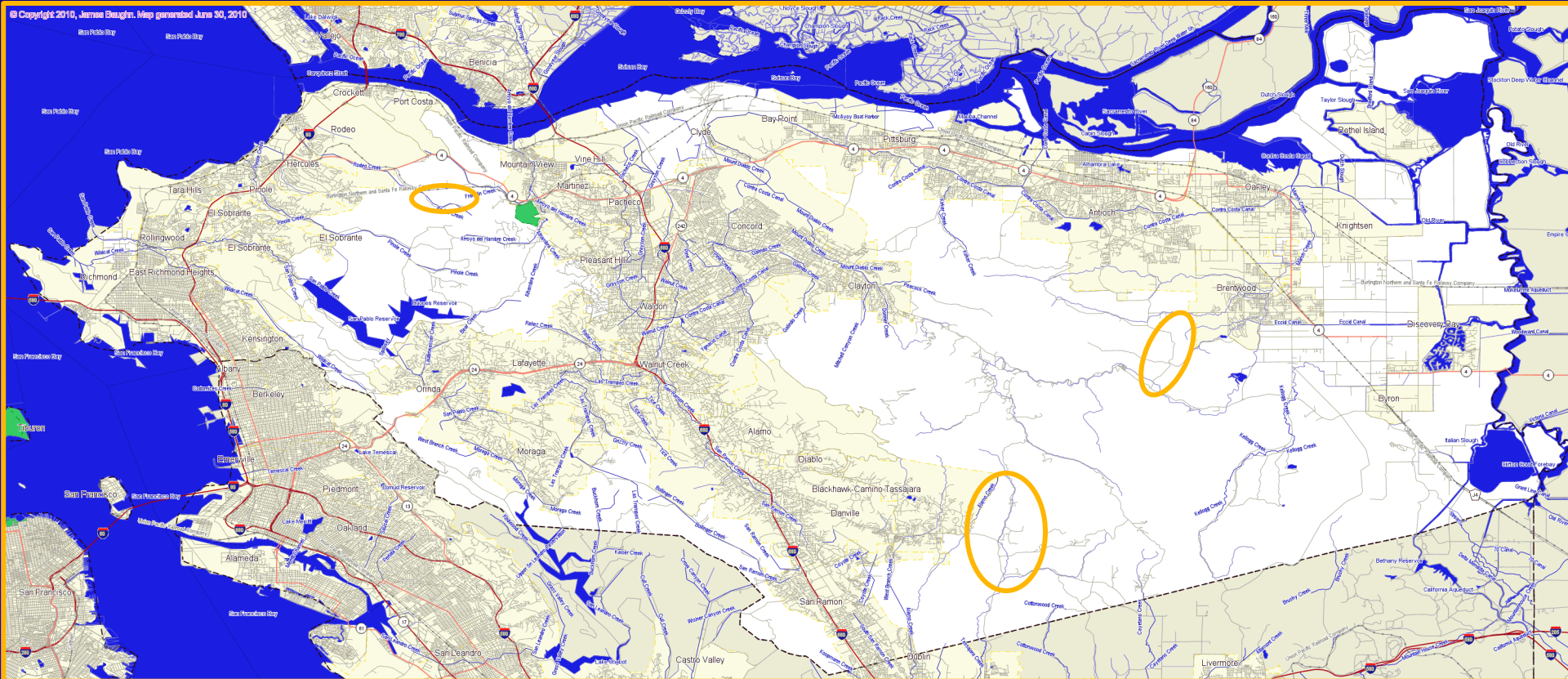
Type of System	Number of Systems	Approximate Population Served
<b>Community</b>		
Very Large (>100,000)	3	550,000
Large (10,001-100,000)	6	222,925
Medium (3,301-10,000)	0	0
Small (501-3,300)	0	0
Very Small (>15 connections, 0-500)	31	4,643
State Small (5-14 connections)	14	200
Local Small (2-4 connections)	27	150
<b>Non-Community</b>		
Non-Transient	15	3,650
Transient	51	4,057

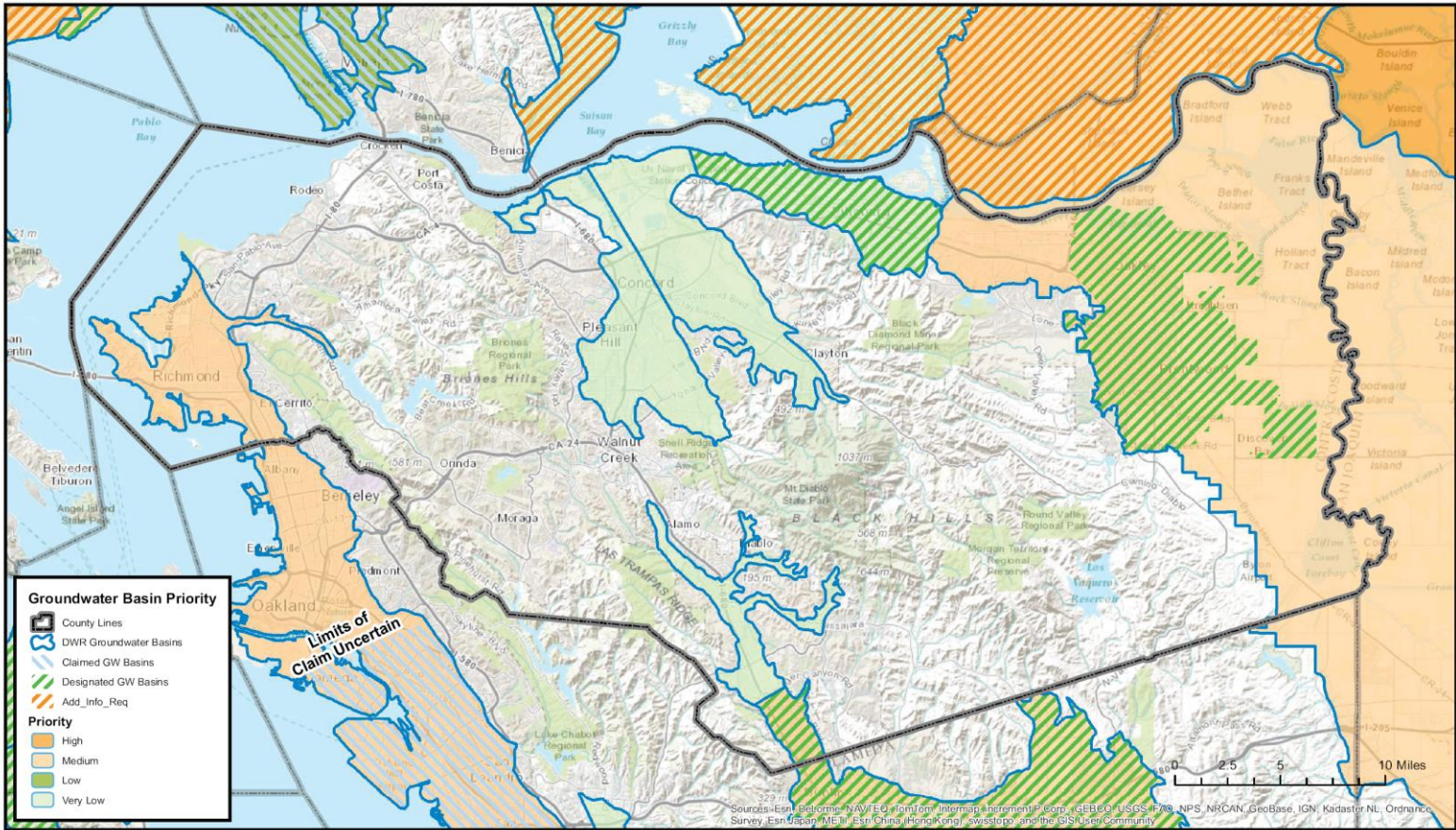
Grouping of the Systems	% Systems	Approximate Population Served	% Population
Larger Water Systems (>3,300)	6.2	772,925	~99.54
Smaller Water Systems (<3,301)	93.8	4,993	~0.46

# Environmental Health and the Drought

- Technical assistance to small water systems and private well owners
- Assisting with state's survey of private well owners with water quantity issues
- If needed, could require hydrology studies looking at water quantity impacts before approving a well or subdivision
- Participating in discussions with other stakeholders about state identified priority water basins

# Areas with private wells that historically have had water supply concerns





by: **Contra Costa County**  
**Flood Control**  
 & Water Conservation District



## State Groundwater Basins in Contra Costa

Current Priority taken from <http://www.water.ca.gov/groundwater/casgem/NCRO.cfm>  
 Claimed area base on verbal and [https://www.casgem.water.ca.gov/OSS/\(S\(w4wyotmiqtocwx45tanltoap\)\)/Default.aspx](https://www.casgem.water.ca.gov/OSS/(S(w4wyotmiqtocwx45tanltoap))/Default.aspx)





Search CCHS Search



### Recreational Health

#### Keeping Recreation Fun & Safe

We regularly inspect 1,600 pools in the county to make sure they are clean and safe.

### Contra Costa Environmental Health

search EH only search

#### I Want To ...

- Body Art
- Land Use
- Medical Waste
- Plan Review
- Recreational Health
- Retail Food
- Small Water Systems
- Solid Waste
- Fees
- Forms
- Facility Inspections
- About Us

- Search Facility Inspections Database
- Learn about Cottage Food Operations (Homemade Food Act)
- Apply for Temporary Food Facilities
- Find Information for Food Facility Plan Review
- Obtain Retail Food Applications
- Find out about Swimming Pools & Spas Operation & Maintenance Requirements
- File a Complaint

### Latest News & Information

Mar 23

#### Public Swimming Pool:

- Pool Inspection Changes Letter
- Water Characteristics

Mar 10

2/13/15 Appeal by Evan Edgar and Monica White regarding LEA's Approval of Keller Canyon Landfill's RDSI Amendment

- IHP Meeting Agenda for March 19

Jan 16

Community Food Production FAQs

#### Course Schedules:

- 2015 Pools & Spas Presentation Schedule
- 2015 Food Safety Schedule

Office Hours:

# FOOD



# Inspector

# Food Inspector 2.0.3

🔍 Cheesecake ✕ Cancel

## CHEESECAKE FACTORY

1181 LOCUST ST WALNUT CREEK

## CHEESECAKE FACTORY (THE)

1771 ARDEN WAY SACRAMENTO



## CHEESECAKE DREAMATIONS

265 RESERVATION RD STE C MARINA

## CHEESECAKE FACTORY

12379 N MAIN ST RANCHO CUCAM...



## THE CHEESECAKE FACTORY

1350 STONERIDGE MALL RD PLEASANTON



## THE CHEESECAKE FACTORY

251 GEARY ST, 8TH FLOOR San Francisco

## ZANZE'S CHEESECAKE

2405 OCEAN AVE San Francisco

## THE CHEESECAKE FACTORY

6600 TOPANGA CANYON BLV... CANOGA PARK



## THE CHEESECAKE FACTORY

15301 VENTURA BLVD STE P-1 SHERMAN OAKS



## PACIFIC CHEESECAKE



Search



Nearby



Closures



Recent

[Back](#) Food Facility Details

## CHEESECAKE FACTORY

(925) 952-8450



1181 LOCUST ST

WALNUT CREEK CA 94596

Inspection details provided by  
Contra Costa County, California



06/30/2015 ROUTINE - ONGOING,  
ACTION: VIOLATIONS CORRECTED

06/24/2015 ROUTINE - ONGOING

### Minor violation

Thermometers provided and accurate

### Minor violation

Hands clean and properly washed;  
proper glove use

### Minor violation

Proper cooling methods

### Minor violation

# Environmental Health Contact Information

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925-692-2500