

# Development of a Groundwater Data Confidentiality Policy

presentation for



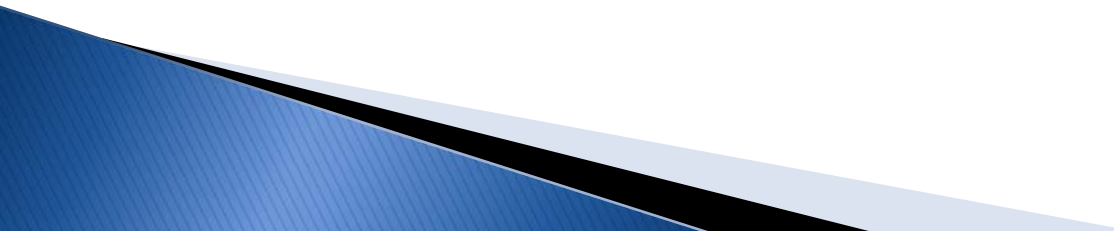
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Napa County

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# Purpose

- ▶ The County will be collecting data from numerous private wells to accomplish its efforts under:
  - CASGEM
  - County Long Term Monitoring
  - Data Collection to Support Basin Characterization
- ▶ The County does not have a Groundwater Data Confidentiality Policy
  - For use in Outreach efforts
  - For use by Staff

# Key Components

- ▶ Outreach and Authorization Efforts
  - ▶ Public Release of CASGEM Information
  - ▶ Use and Release of Other Data
  - ▶ Participation in the Water Data Library
  - ▶ Data Base Security
  - ▶ Water Code Sections 13751 and 13752 Compliance (Supplemental Handout)
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# Considerations

- ▶ CASGEM Publishes Information Considered Proprietary under the Water Code
  - Participation by County is Mandatory
  - DWR assumes County has obtained the required permissions

# Considerations

- ▶ CASGEM makes public portions of the well completion report

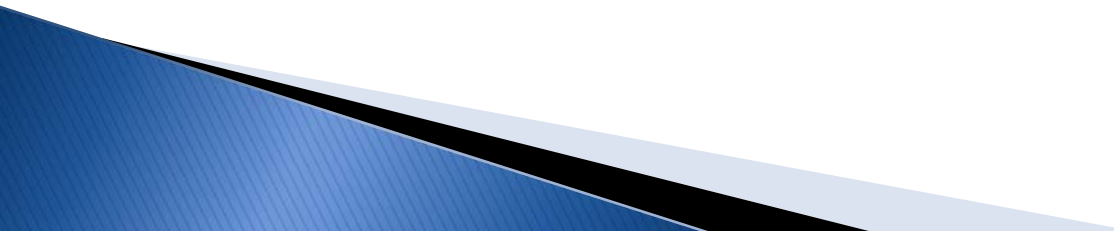
Public: Well Details	
<a href="#">View Well Data</a>	
<b>Identification</b>	<b>Coordinates</b>
Local Well Designation 91	Latitude 38.3090 North
Is Local Designation the same as State Well #? No	Longitude 122.2340 West
State Well Number 05N03W06B002M	<a href="#">View on Map</a>
Master Site Code 383133N1222325W001	Method USGS quad
Data submittals for this well are under CASGEM	Accuracy 150 ft.
<b>Reference and Ground Surface</b>	<b>Well Construction</b>
RP Elevation 282.20 ft.	Completion Type Single Well
Description Top of casing access NW	Total Depth 415 ft.
GS Elevation 283 ft.	Do you have well construction data? Yes
Method USGS quad	Depth of screened interval(s)
Accuracy 10 ft.	S1 S2 S3 S4 S5 S6 S7 S8 S9 S10
Distance from RP -0.80	Top 315
	Bottom 415
<b>Well Usage</b>	Well completion report available? Yes
Well Use Residential	Well Completion Report # 119632
Well Status Active	
	<b>Associated Basin &amp; County</b>
	Basin/Portion
	County Napa
<b>Additional Information</b>	
Written description of location of well	Any additional comments

# Considerations

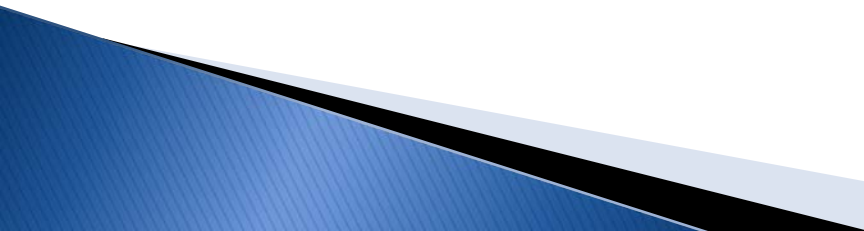
- ▶ CASGEM provides well location information in the form of:
  - a set of latitude/longitude coordinates
  - a map interface
- ▶ See LSCE paper on CASGEM and well location accuracy



# Considerations

- ▶ The County has an interest in an improved and robust data collection effort
    - Elevation and quality data
    - Well logs and geological information
  - ▶ The Water Data Library publishes nonproprietary information
    - Could be considered sensitive by some well owners
    - Participation is voluntary
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# Considerations

- ▶ Privacy concerns could hamper data collection efforts
    - More participants are needed
    - For CASGEM basins lacking monitoring wells
    - For gaps in overall data collection efforts
  - ▶ Outreach materials need to clearly inform potential participants
    - Data confidentiality
    - Use of information depending on program
  - ▶ All information is subject to a Public Records Act request
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# Considerations

- ▶ Potential Owner Concerns:
  - Well location
  - Ownership
  - Groundwater elevation
  - Groundwater quality
  - Well construction information
  - Liability
  - Third party misuse of information

# Closing

- ▶ Discussion
  - ▶ Next steps
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# CASGEM Network Plan

- ▶ Plan submitted electronically to DWR in September 2011
  - Participants in the CASGEM Network – 2011: 4 wells in MST; 10\* wells in Napa Valley Floor (NVF); 1 well in the Carneros Subarea
  - Detailed well information entered into CASGEM online system in October 2011

\* One additional well added after Plan submitted to DWR (not on map)

