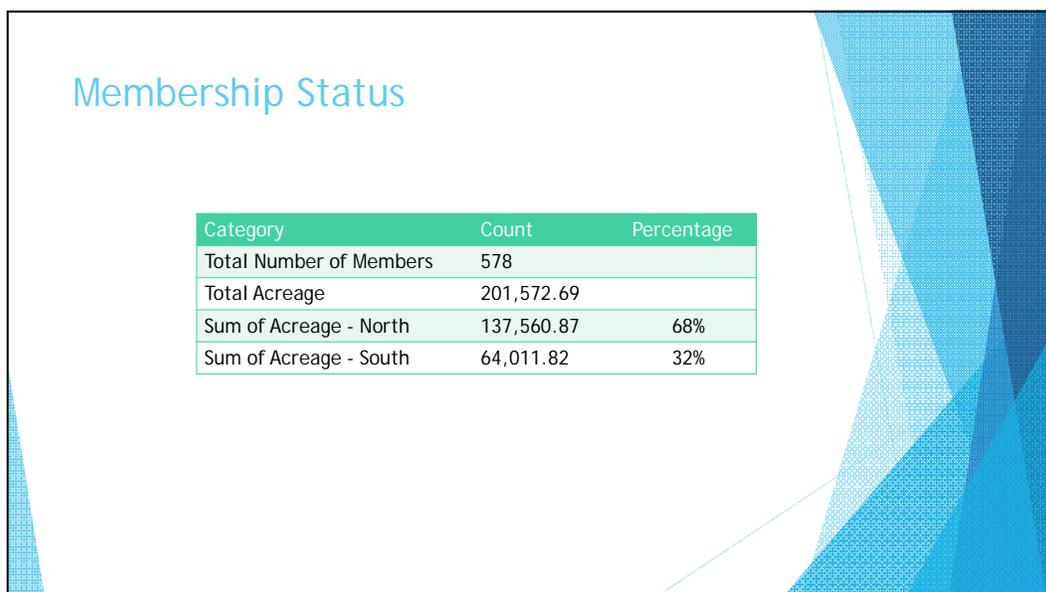


Central Coast  
Groundwater Coalition

Central Coast Regional Board Meeting  
January 30, 2015  
**Parry Klassen**  
Executive Director



### Membership Status

Category	Count	Percentage
Total Number of Members	578	
Total Acreage	201,572.69	
Sum of Acreage - North	137,560.87	68%
Sum of Acreage - South	64,011.82	32%

## Sampling and Exceedance Statistics

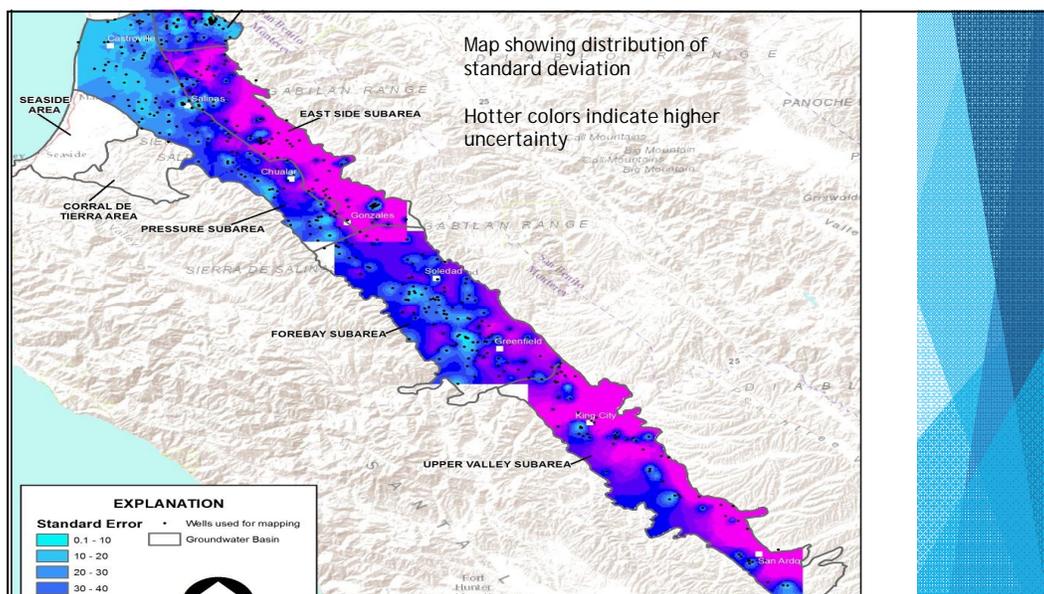
Groundwater Sub Basin	Total Well Counts	# of Domestic Wells	# of Domestic Exceedances	% Exceedances
SALINAS VALLEY	249	235	118	50%
GILROY-HOLLISTER VALLEY	145	141	34	24%
PAJARO VALLEY	85	74	23	31%
LOCKWOOD VALLEY	2	2	0	
SANTA CLARA VALLEY - SANTA CLARA	5	5	2	40%
SANTA CRUZ PURISIMA FORMATION	5	5	0	
TRES PINOS VALLEY	1	1	0	
SANTA MARIA	309	74	43	58%
SANTA YNEZ RIVER VALLEY	138	55	1	2%
SAN LUIS OBISPO VALLEY	6	3	2	67%
CARPINTERIA	17	3	0	
LOS OSOS VALLEY	12	5	2	40%
SAN ANTONIO CREEK VALLEY	32	11	0	
CUYAMA VALLEY	10	4	1	25%
MORRO VALLEY	9	6	0	
MONTECITO	1		0	
SANTA ANA VALLEY	1	1	1	100%
CHOLAME VALLEY	1	1	0	
CHORRO VALLEY	1	0	0	
Outside Basin Boundary	77	46	2	4%
<b>TOTALS</b>	<b>1106</b>	<b>672</b>	<b>229</b>	<b>34%</b>

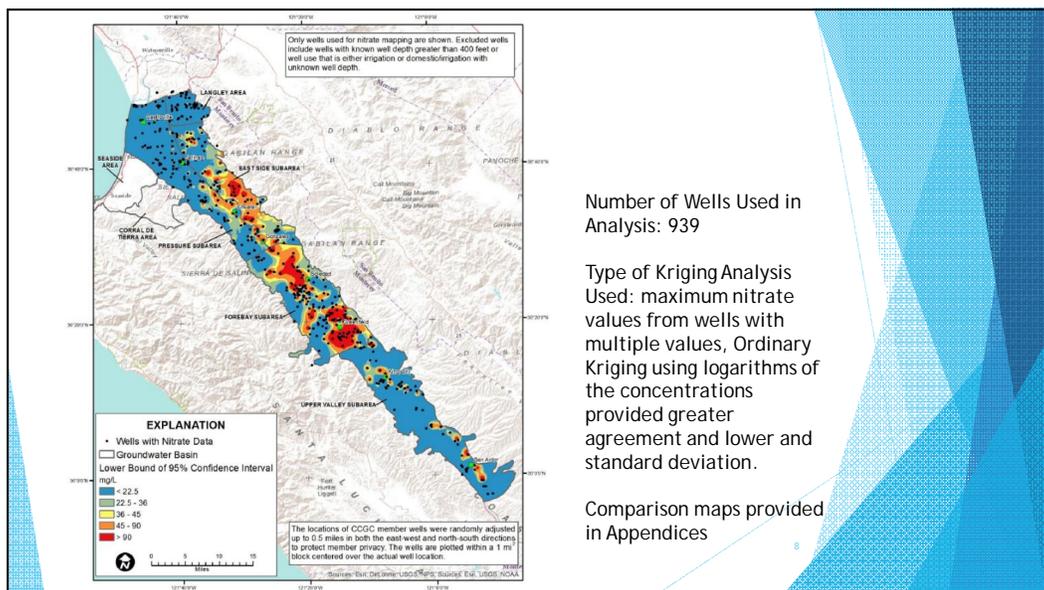
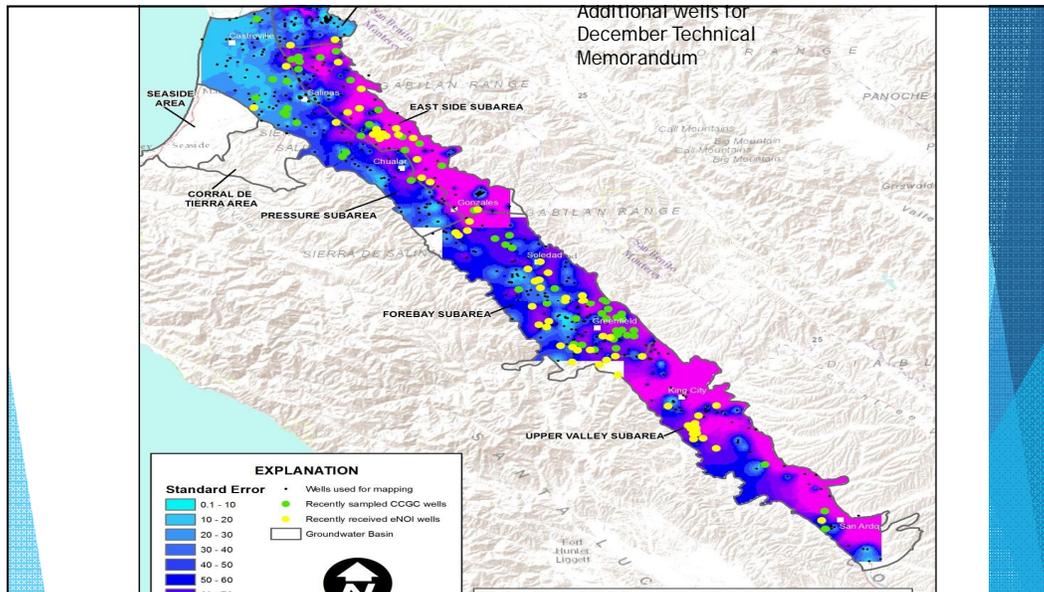
## Replacement Water Follow Up Statistics

Replacement Water Action	Grand Total
Bottled Water	123
Bottled Water/Filtration System	1
Bottled Water/Ion Exchange	3
Bottled Water/RO Unit	3
Filter	1
Not Used	41
RO Unit	83
Pending Response	6
Replacement Water Refused by User	4
None Supplied	7
<b>Grand Total</b>	<b>272</b>

## First Technical Memo for Salinas Valley submitted April 2014

- ▶ Initial contouring
  - ▶ Intention was to share results with Regional Board and receive feedback
- ▶ 838 wells used
- ▶ Kriging analysis used a method that resulted in conservative estimates of where nitrate concentrations are over the MCL.
- ▶ Resulted in large uncertainty where there were not samples or where the spatial variability was large.





Number of Wells Used in Analysis: 939

Type of Kriging Analysis Used: maximum nitrate values from wells with multiple values, Ordinary Kriging using logarithms of the concentrations provided greater agreement and lower standard deviation.

Comparison maps provided in Appendices

