

IDENTIFICATION OF RESIDENCE WELLS ON THE CENTRAL COAST



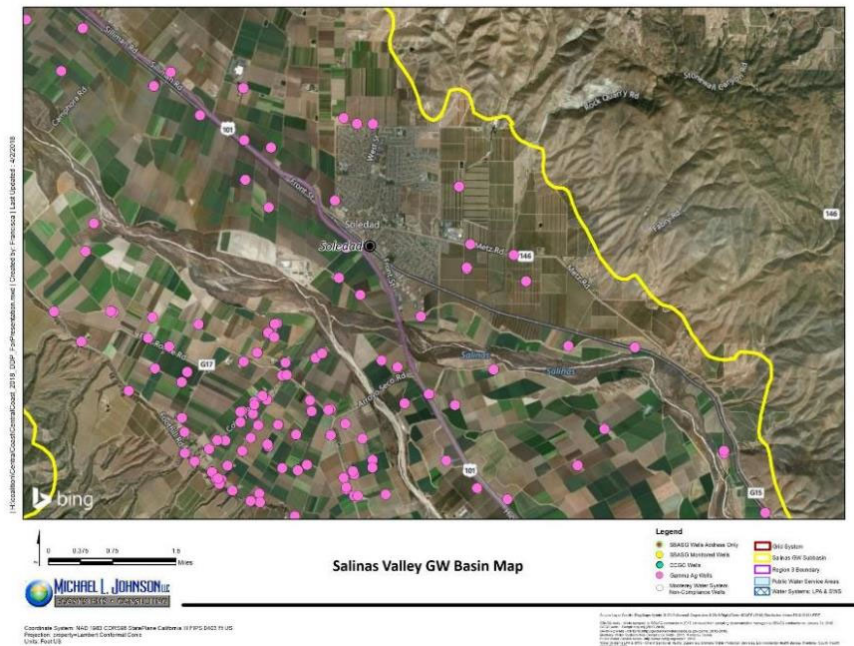
Coalition for Urban Rural Environmental Stewardship



PROCESS OVERVIEW

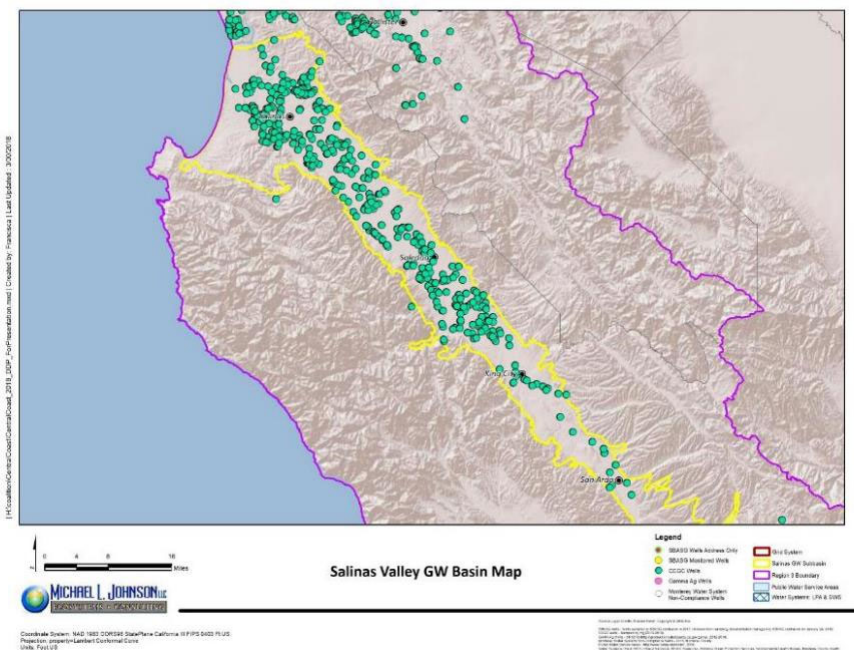
1. Use mapping technology to identify single family residence wells potentially contaminated with nitrates within the program boundary
2. Contact occupants of residences where wells may contain high nitrates
3. Perform sample on qualified wells to determine if qualified
4. Provide bottled water to qualified residences

EXAMPLE:
WELL DATA
FROM IRRIGATED
LANDS
REGULATORY
PROGRAM
(GEOTRACKER/
GAMA)



WELL DATA
FROM CCGC
SAMPLING

Wells sampled by MLJ
2013 – Jan 2018



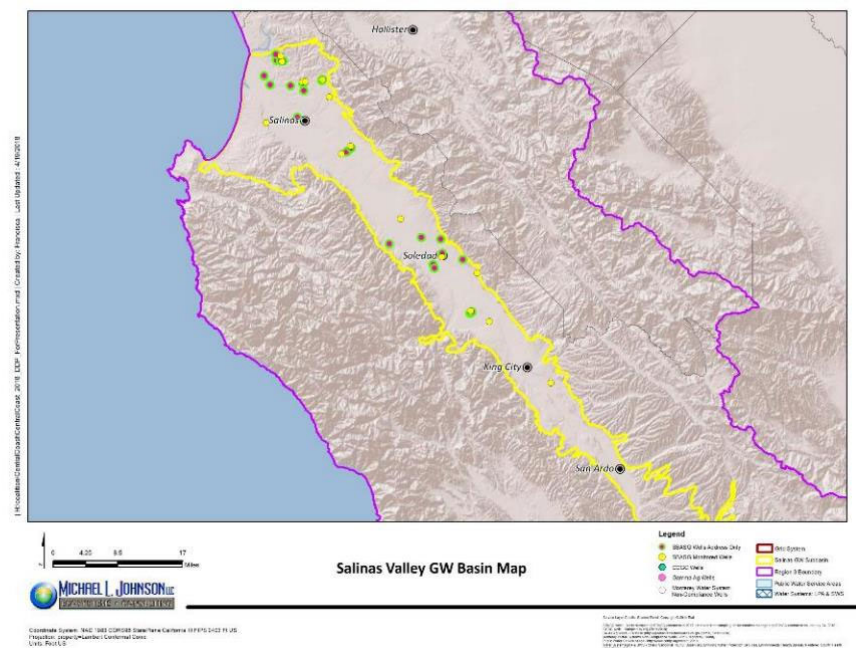
EXAMPLE: WELL DATA FROM CCGC SAMPLING

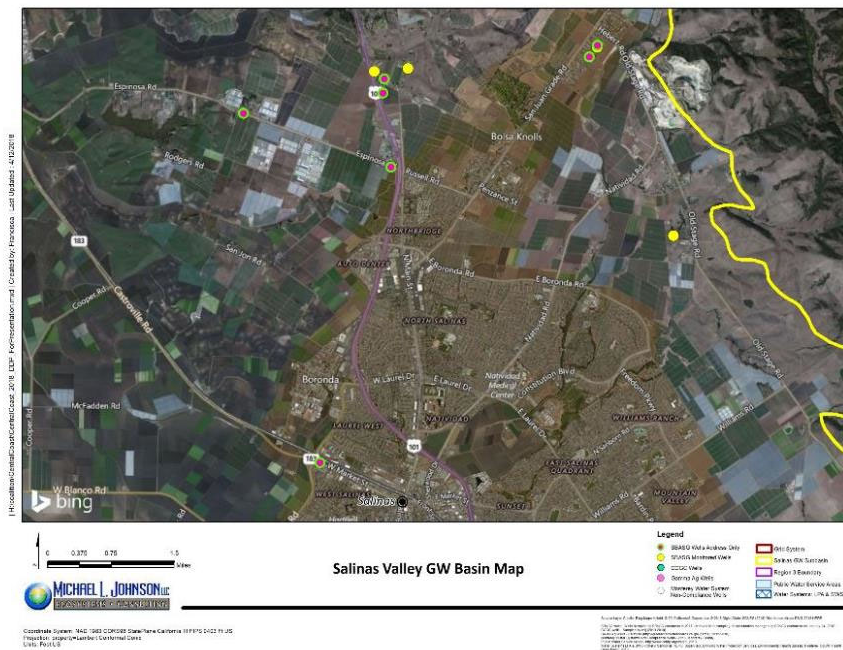


WELL DATA FROM SBASG SAMPLING

- Wells sampled by SBASG/CURES in 2017; retrieved from sampling documentation
- These wells
 - Are part of the EJCW grant-funded program
 - Declined water
 - Are an ILRP member

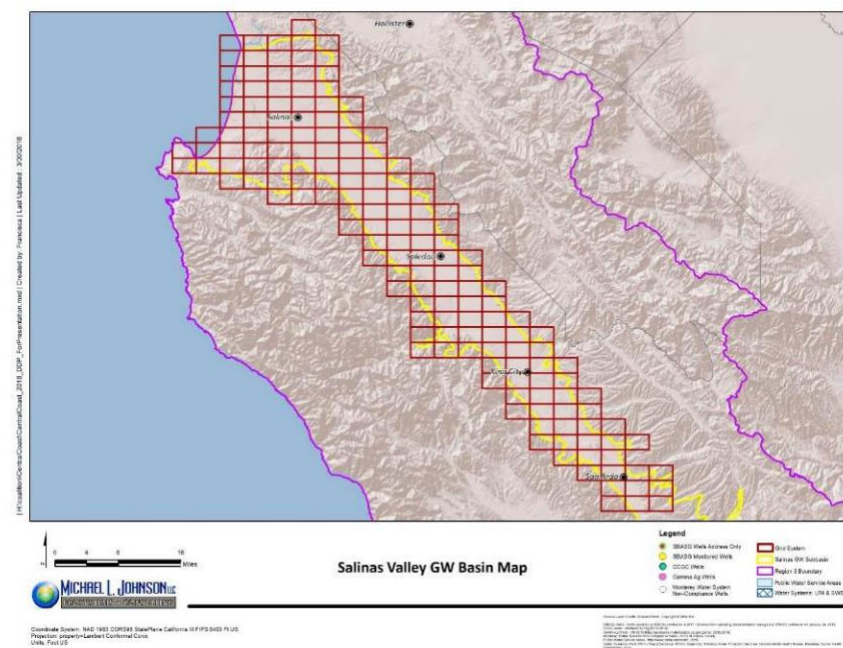
Source: SBASG program





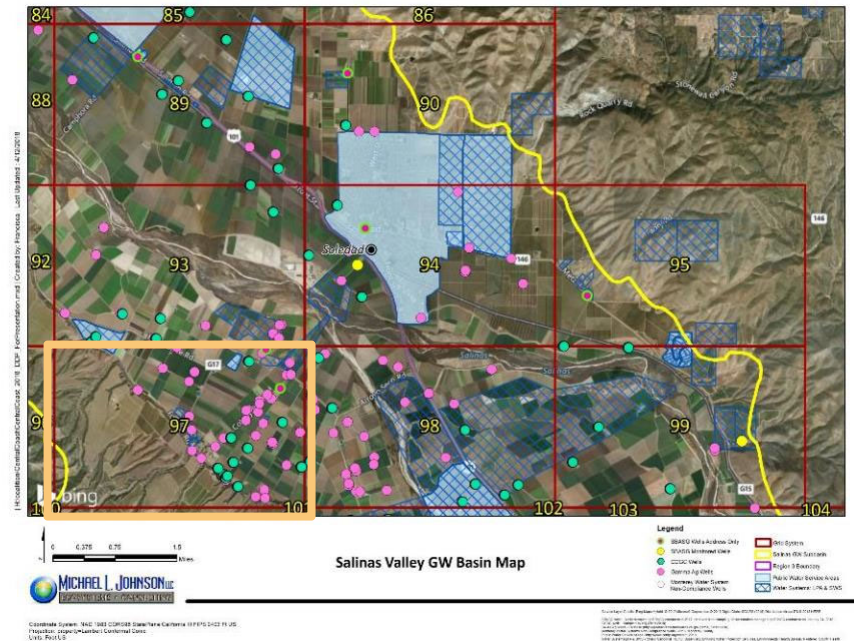
GRID LAYER

A layer of grids 2 miles x 3 miles was added over the program area

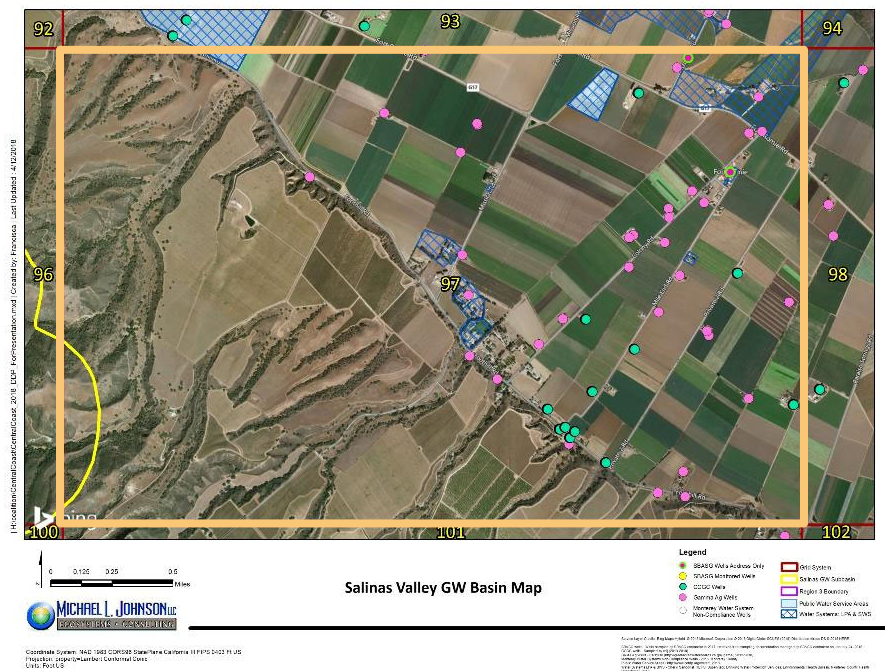


ALL LAYERS

- Salinas GW subbasin
- Water systems (LPA & SWS)
- Public water systems
- Well data from ILRP (Geotracker/GAMA)
- Well data from CCGC sampling
- Well data from SBASG sampling
- Grid layers

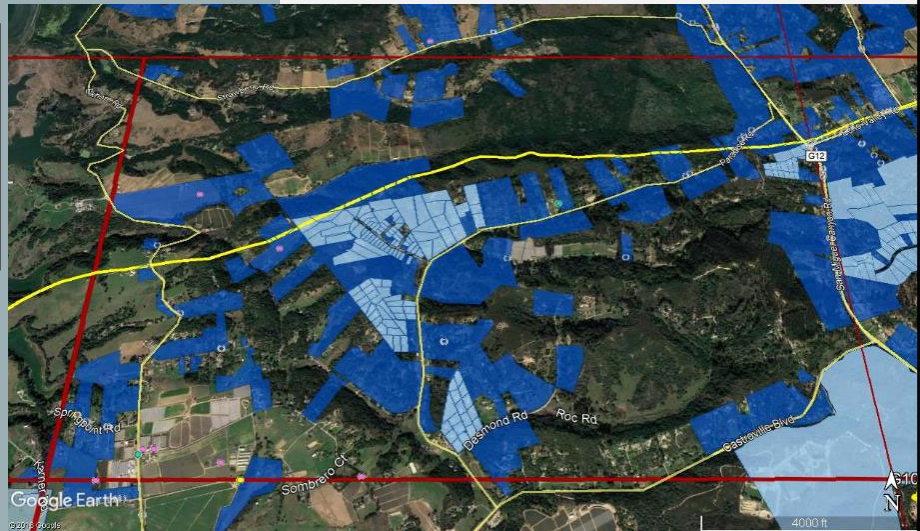


EXAMPLE: SINGLE GRID WITH ALL LAYERS



SELECTION OF POTENTIAL CANDIDATE RESIDENCES/ WELLS

Overlaid Google
Earth map with layers



SELECTION OF POTENTIAL CANDIDATE RESIDENCES/ WELLS

Google Earth map with parcels
(APN) outlined

Source: County of Monterey
Assessor's Office,
<https://montereycountyopen-data-12017-01-13t232948815z-montereyco.opendata.arcgis.com/>

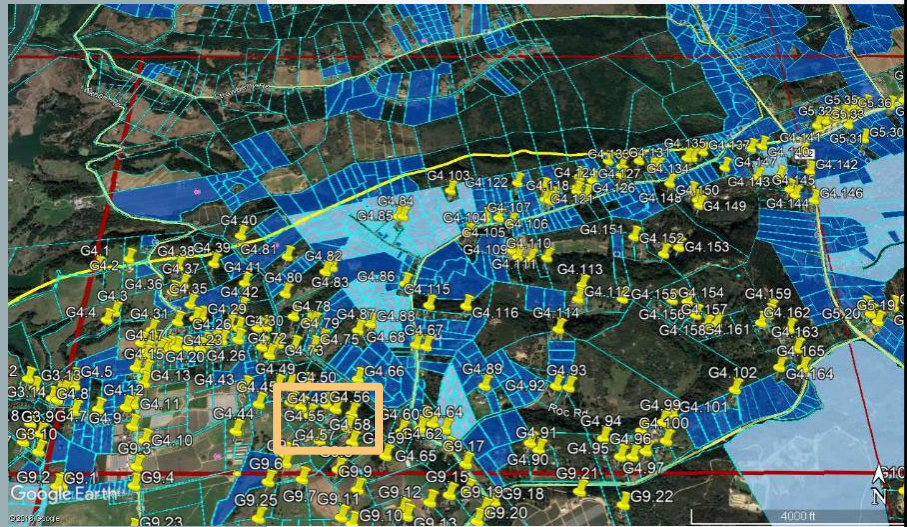


Salinas Valley GW Basin Map



SELECTION OF POTENTIAL CANDIDATE RESIDENCES/ WELLS

Potential residences are identified by noting/ignoring ILRP wells, public water systems and water service areas.



SELECTION OF POTENTIAL CANDIDATE RESIDENCES/ WELLS

A closeup of potential residences showing parcel outline



Salinas Valley GW Basin Map

Potential candidate



SELECTION OF POTENTIAL CANDIDATE RESIDENCES/ WELLS

Addresses are identified
using APNs associated
with marked residences

Source: county parcel
ownership list and
associated address list
obtained from the County
of Monterey Assessor's
Office, March 2018



Name	APN	GIS Acres	AssesseeNa	AddressStr	AddressCit	AddressS	AddressZip
G4.59	131151008000	13.17			CASTROVILLE	CA	950129769
G4.46	131151025000	9.82			CASTROVILLE	CA	95012
G4.96	129061015000	5.72			SALINAS	CA	93907
G4.91	129071011000	6.98			SALINAS	CA	93907
G4.65	131131010000	5.03			CASTROVILLE	CA	95012
G4.10	131091002000	31.86			CASTROVILLE	CA	950129718
G4.58	131151009000	5.81			CASTROVILLE	CA	950129769
G4.47	131151020000	5.13			CAMPBELL	CA	95008
G4.90	129071051000	28.18			SALINAS	CA	93907
G4.94	129071005000	4.42			SOQUEL	CA	95073
G4.44	131091004000	10.29			CASTROVILLE	CA	950129720
G4.9	131073001000	6.04			CASTROVILLE	CA	95012
G4.64	129097035000	0.86			PRUNEDALE	CA	93907
G4.57	131151010000	4.89			CASTROVILLE	CA	950129721
G4.61	131131011000	4.84			CASTROVILLE	CA	95012
G4.99	129061006000	3.29			SALINAS	CA	93907
G4.62	129097009000	0.88			SALINAS	CA	93907
G4.56	131151011000	6.08			SAN RAFAEL	CA	94901
G4.7	131072012000	5.04			CASTROVILLE	CA	95012
G4.101	129061042000	7.57			WATSONVILLE	CA	950771420
G4.55	131151012000	6.11			CASTROVILLE	CA	95012
G4.52	131151018000	4.64			CASTROVILLE	CA	950129721
G4.52	131151018000	4.64			CASTROVILLE	CA	950129721
G4.45	131051021000	0.97			TROY	MI	48098
G4.54	131151013000	6.26			CASTROVILLE	CA	950129721
G4.51	131151018000	4.64			CASTROVILLE	CA	950129721



IMPLEMENTATION STEPS AFTER RESIDENCE/WELL IDENTIFIED

1. Mail application packet to identified residences from GIS mapping
2. After application is received, sample wells to confirm nitrate levels are above drinking water standard
 - Notify residence of results
3. Provide bottled water to qualified residences
 - Contact info provided to Culligan to set up delivery

A background image showing a clear glass being filled with water. A stream of water is captured mid-pour, creating a dynamic splash. The surface of the table and the glass itself are covered with numerous water droplets, emphasizing the freshness and purity of the water. The overall color palette is cool, with various shades of blue and grey.

THANK YOU



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