



Implementing the Sustainable Groundwater Management Act In the Salinas Valley



Salinas Valley Basin
Groundwater Sustainability Agency

SVBGSA.org





CALIFORNIA REPUBLIC



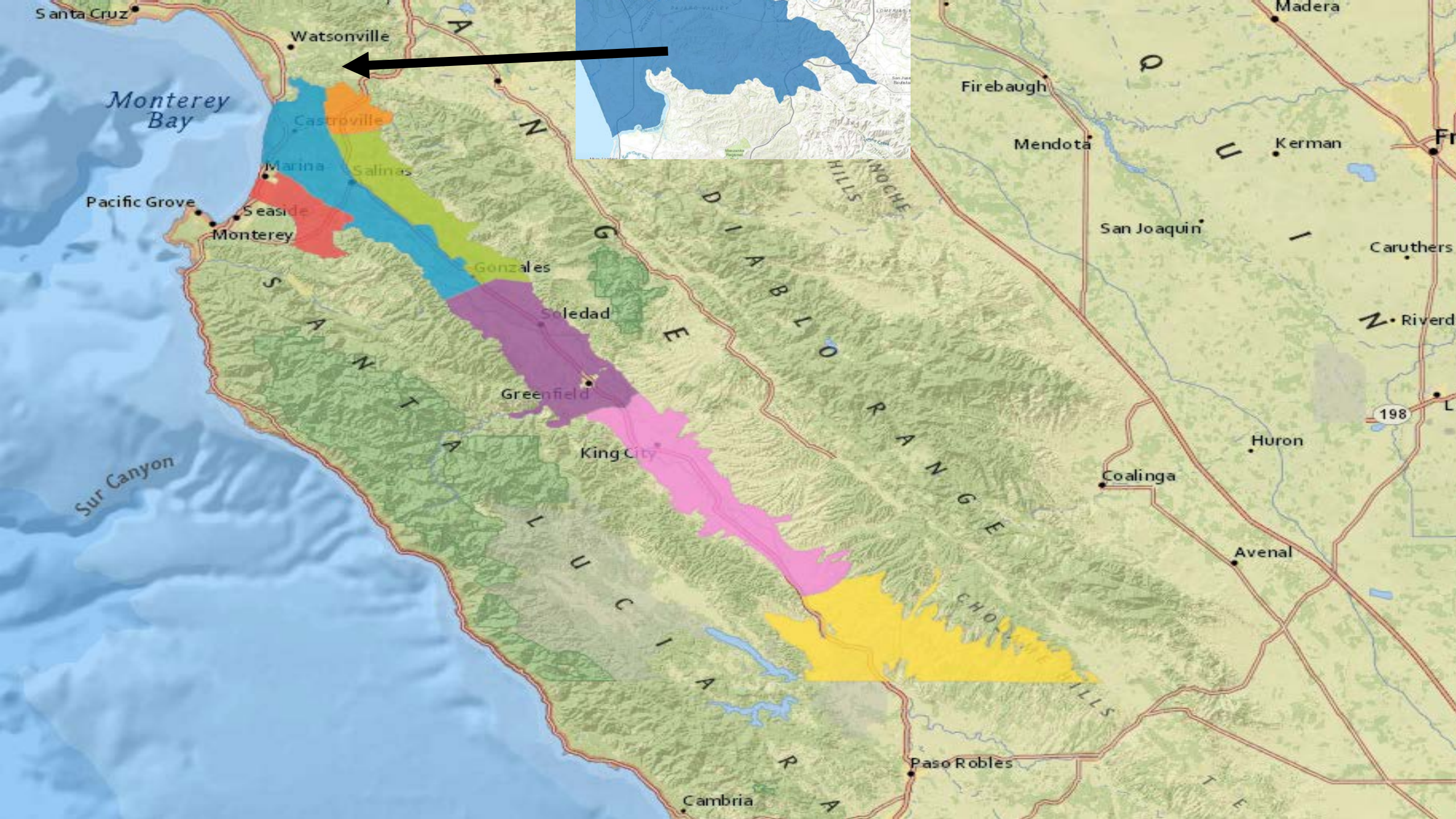
Who Does SGMA Apply To?

- There are 515 groundwater basins in the State
- SGMA applies to the 127 “high and medium priority” basins
- 21 basins are critically-over drafted
 - Parts of Salinas Valley
 - Santa Cruz Mid-County
 - Pajaro Valley



Salinas Valley Basin Groundwater Sustainability Agency

- Formed as a Joint Powers Authority
 - Monterey County
 - Monterey One-Water
 - Monterey County Water Resources Agency
 - Castroville Community Service District
 - Cities
 - King City
 - Soledad
 - Gonzales
 - Salinas
 - Contract Agency
 - No full time employees
 - No legacy costs
 - Regional Government Services
- Board Representation
 - Agriculture
 - Forebay
 - Eastside/Langley
 - Pressure 180-400
 - Upper Valley
 - CPUC Regulated Water Company
 - Environmental
 - Disadvantaged Community/ Small Public Water Systems
 - Other Eligible GSA Entity
 - City of Salinas
 - South County Cities
 - Public Member



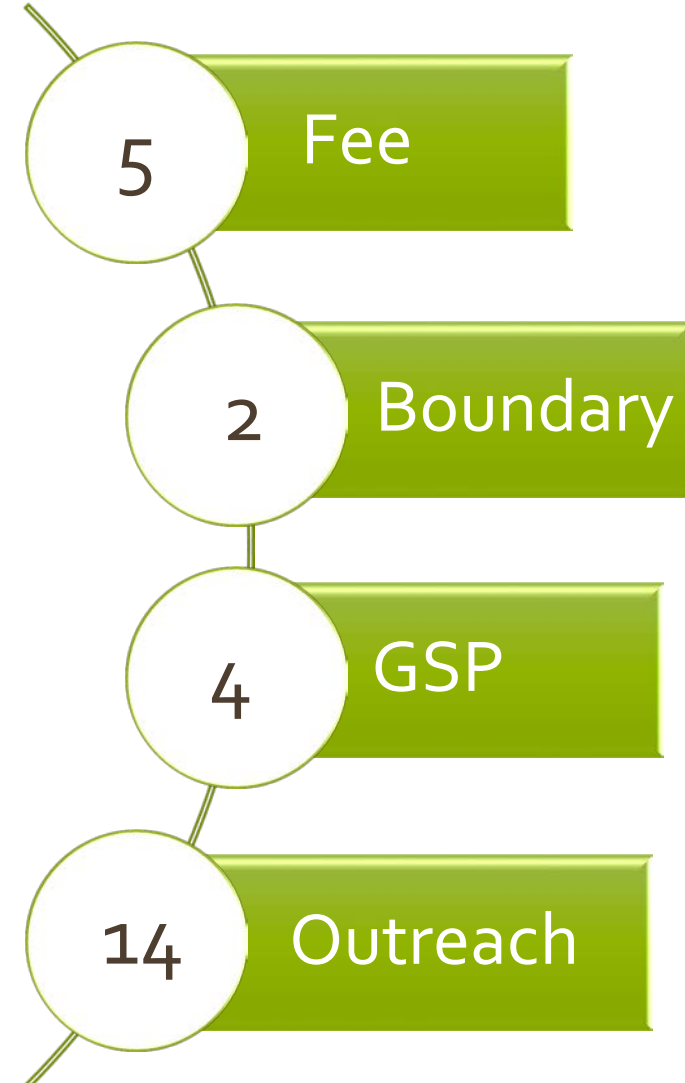
Guiding Principles

- Understanding where people are and what they want will direct our actions
- Inclusion and diversity produce better results
- Doing it together is the right, though difficult, thing to do.

Total Governance Meetings 43



Total Public Meetings 25



Number of Meetings 68

Who Will Pay the Regulatory Fee?

- **All** beneficiaries of sustainable groundwater management in the SVBGSA management area
- 2 Groups of Beneficiaries: Agriculture & All Other
 - Agriculture** pays per Irrigated Acre – no exceptions; includes land irrigated with surface water
 - All Other** pays per Service Connection – no exceptions; includes beneficiaries that may also have a private well and beneficiaries not actively taking water through the service connection

Exempt: De Minimus Extractors, Federal Properties

Fee Approved March 14, 2019

Calculated Fee Schedule for Fiscal Year 2019/20

Proposition 26 Regulatory fee

Sustainable Groundwater Beneficiary	Annual Fee FY 2019/20		Water Usage
Agricultural	\$4.79	Per Irrigated Acre	90%
All Other	\$2.26	Per Service Connection	10%
State of California Cost	\$110 Row Crop \$93.50 Berries	Per Irrigated Acre Per Irrigated Acre	

Estimated Domestic Water Usage Per Connection .36 acre foot
(approximately 117K) gals)



Royal
Oaks Park

Manzanita
Regional
Park

Castroville

SGMA Timeline

SGMA Start
Jan 1, 2015

Basin Modification
2016

GSA Formation
2017

GSP Development
2018 – Jan, 31 2020 (or 2022)



Lowering
GW Levels



Reduction
of Storage



Seawater
Intrusion



Degraded
Quality



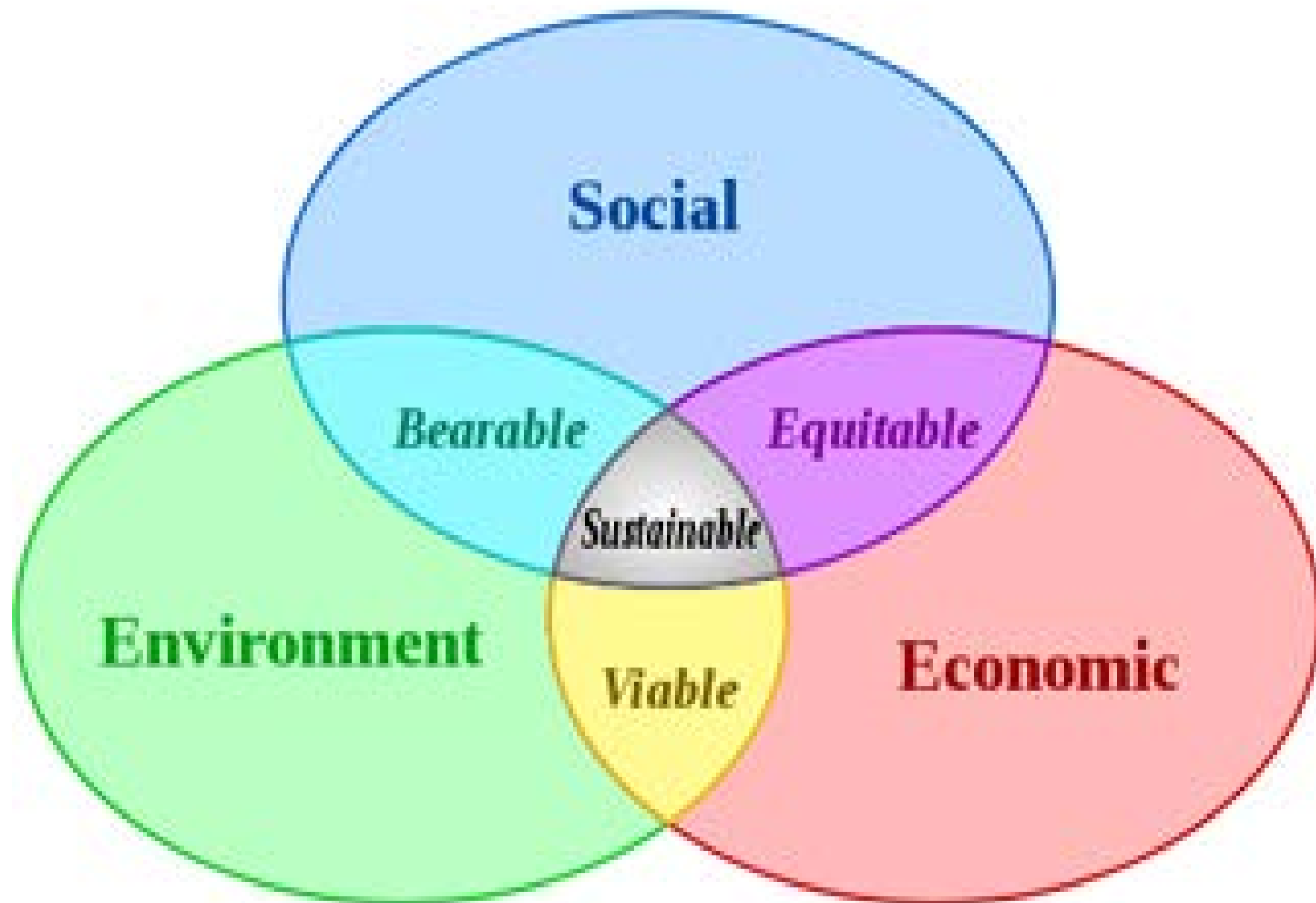
Land
Subsidence

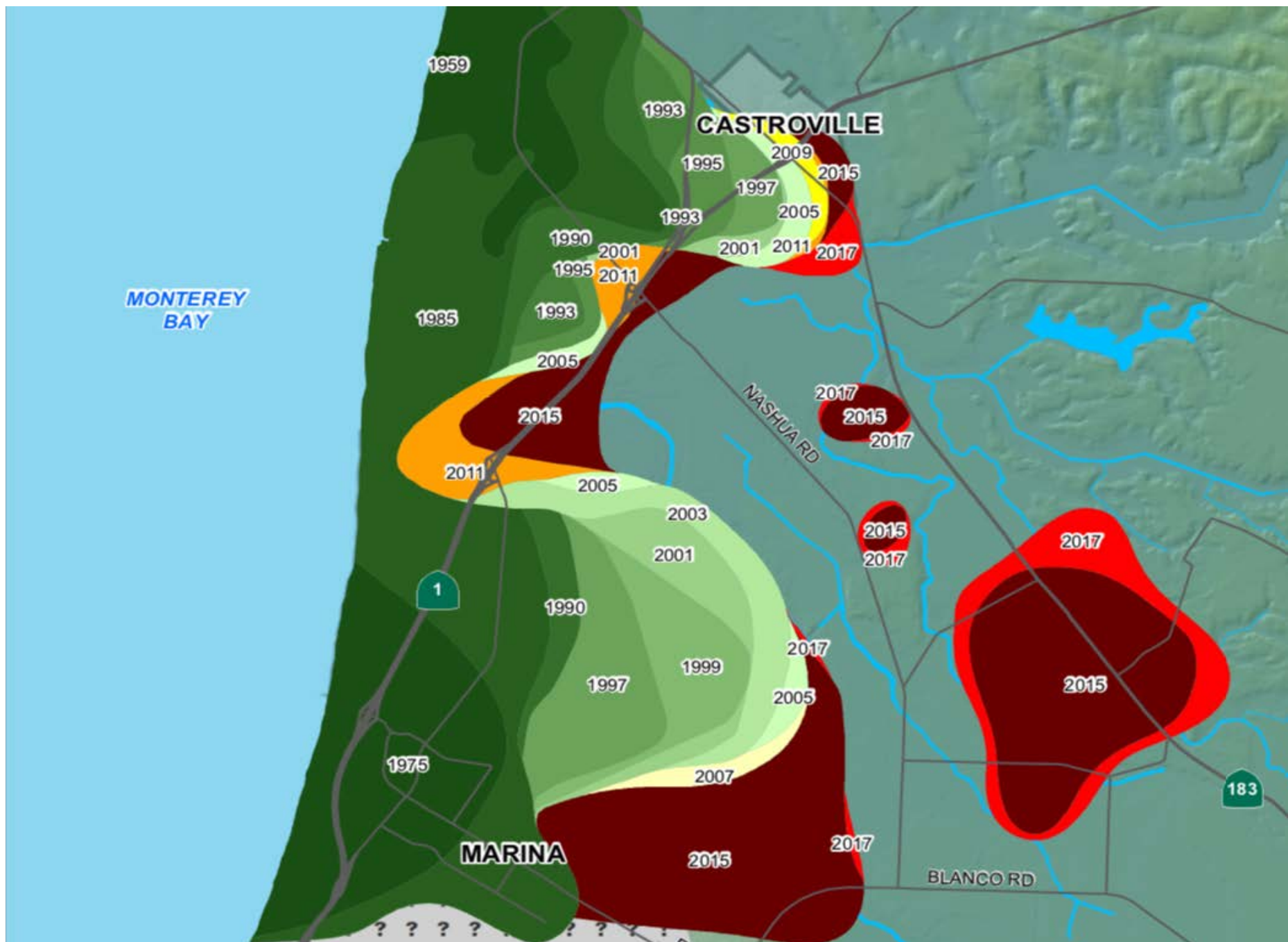


Surface Water
Depletion

2020 – 2040 Achieve Sustainability within 20 years

2040 – 2070 Maintain Sustainability for next 30 years





Proposed Area of Impact with Existing Wells by Aquifer

Legend

- ▲ EAST SIDE
- ▲ EAST SIDE BOTH
- ▲ EAST SIDE DEEP
- ▲ PAJARO-SPRINGFIELD
- △ PRESSURE
- △ PRESSURE 180
- △ PRESSURE 400
- △ PRESSURE BOTH
- ▲ PRESSURE DEEP ZONE
- ▲ PRUNEDALE
- CSIP Boundary
- Original Area of Impact
- Revised Area of Impact
- AQUIFER UNKNOWN
- AGRICULTURAL WELL
- △ MUNICIPAL WELL

0 0.5 1 2 Miles



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

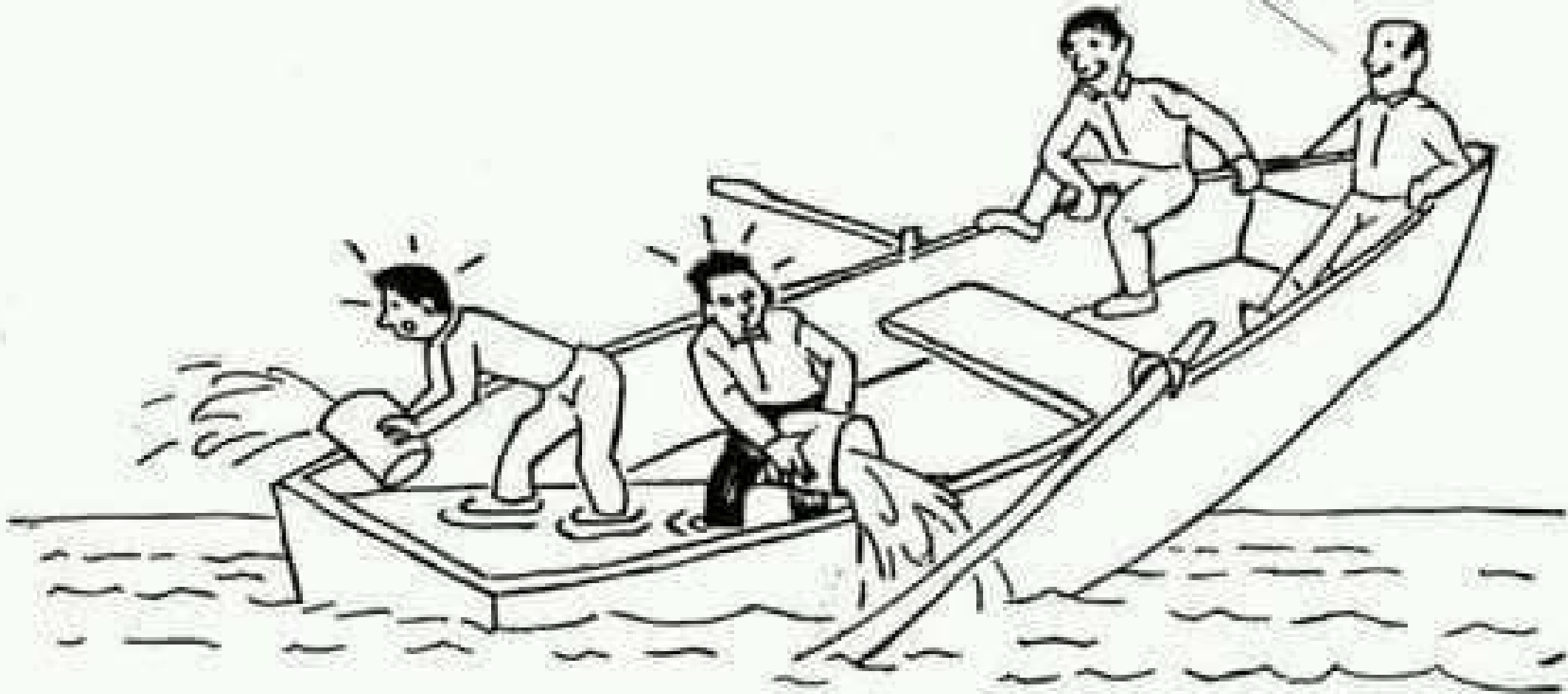
Map Date: February 23, 2018

Tragedy of the commons

“A **dilemma** arising from the situation in which multiple individuals, **acting independently** and rationally consulting their **own self-interest**, will ultimately **deplete** a shared limited **resource**, even when it is clear that it is not in anyone's long-term interest for this to happen.”

http://en.wikipedia.org/wiki/Tragedy_of_the_commons

Sure glad the hole isn't at our end.





Questions and Comments

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