



90 Day Work Plan

Short Term Recommendations to Address
Seawater Intrusion in the 180/400 Sub-basin



Salinas Valley Basin
Groundwater Sustainability Agency

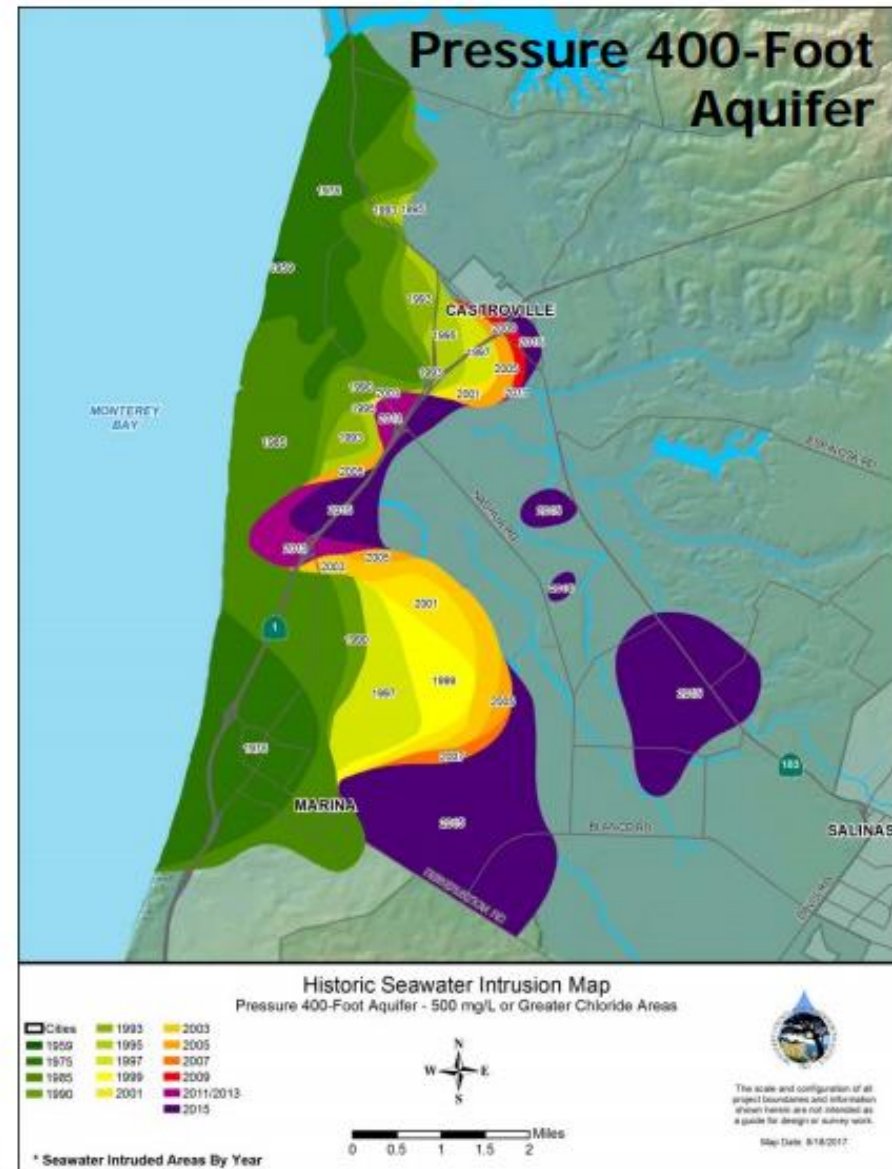
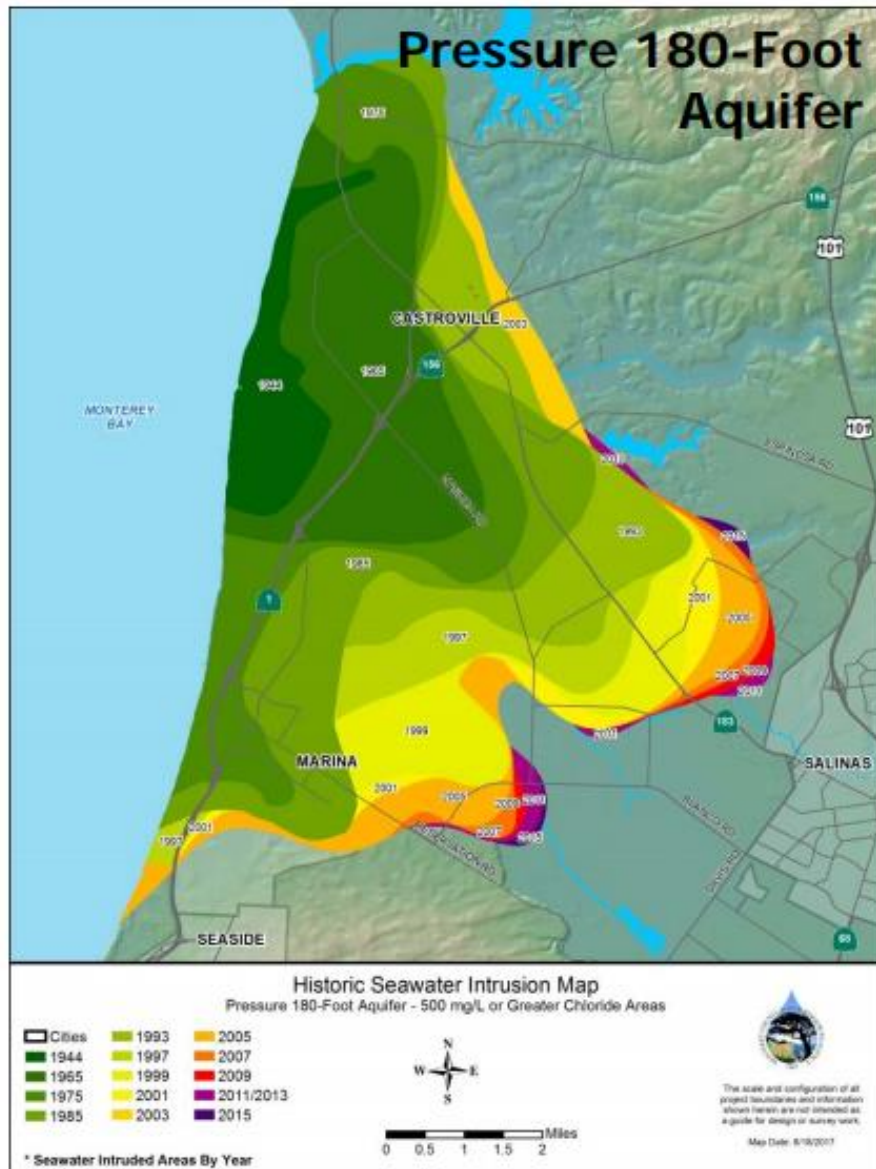


COUNTY OF MONTEREY



**Monterey County
Water Resources Agency**





Purpose

The purpose of the 90 day working group is to consider the Water Resources Agency recommendations to address seawater intrusion in the 180/400 Foot sub-basin and make recommendations to the Board of Supervisors, the WRA Board of Directors, and the Salinas Valley Basin Groundwater Sustainability Agency Board of Directors.

Three Agencies

- County of Monterey
- Monterey County Water Resources Agency
- Salinas Valley Basin Groundwater Sustainability Agency

Three Questions

- What should be done?
- Who should do it?
- How will it get paid for?

Goals

- Protect public health and drinking water quality
- Preserve and consider agricultural production and economics
- Act immediately to reduce the effects of and slow seawater intrusion with an eye toward the groundwater sustainability plan and its implementation

Decision Windows

Recommend
Immediate Action



Short Term
(2 Yrs)

Mid Term
(2-4 Yrs)



Develop Ground Water
Sustainability Plan

Implement Ground
Water Sustainability Plan



Long Term
(2-20 Yrs)



If you find yourself
in a hole,
the first thing to do is to
stop digging.

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

Draft Recommendations

1. An immediate moratorium on groundwater extractions from new wells in the Pressure 180 and 400 Foot Aquifer within the identified Area of Impact.

Agreed and expand the identified Area of Impact

Draft Recommendations (cont)

2. Enhancement and expansion of the Castroville Seawater Intrusion Project (CSIP) Service Area.
Agreed –should start work now and be included in mid term planning process.

3. Following expansion of the CSIP Service Area, termination of all pumping from existing wells within the Area of Impact with exemptions for municipal water supply wells, CSIP supplemental wells, and monitoring wells. .
Agreed once CSIP is expanded

Draft Recommendations

4. Initiate and diligently proceed with destruction of wells in Agency Zone 2B, in accordance with Agency Ordinance No. 3790, to protect the Salinas Valley Groundwater Basin against further seawater intrusion.

Remove worst eight within 90 to 180 days, rigorously pursue destruction of other wells defined in existing ordinance. Money must be found.

Draft Recommendations (cont.)

5. An immediate moratorium on groundwater extractions from new wells within the entirety of the Deep Aquifers until such a time as an investigation determines its long-term viability.

Evaluate each permit with recommended approval given to replacement wells.

Develop definition of replacement well.

Replacement requires destruction of failed well on existing or adjoining parcel, well pumping information freely shared and participation in cooperative study of deep aquifers.

Draft Recommendations (cont.)

6. Initiate and diligently proceed with an investigation to determine the long –term viability of the Deep Aquifers.

Significant effort should be made to characterize deep aquifers. Additionally, timely reports on the migration of seawater into the aquifers must be made widely available. Must become an immediate priority for the Water Resources Agency to organize resources in a manner that makes this information readily available.

Next Steps

- Refine recommendations
- Engage with those affected
- Prepare Report
- Return with final recommendations
late March/early April

Questions?