



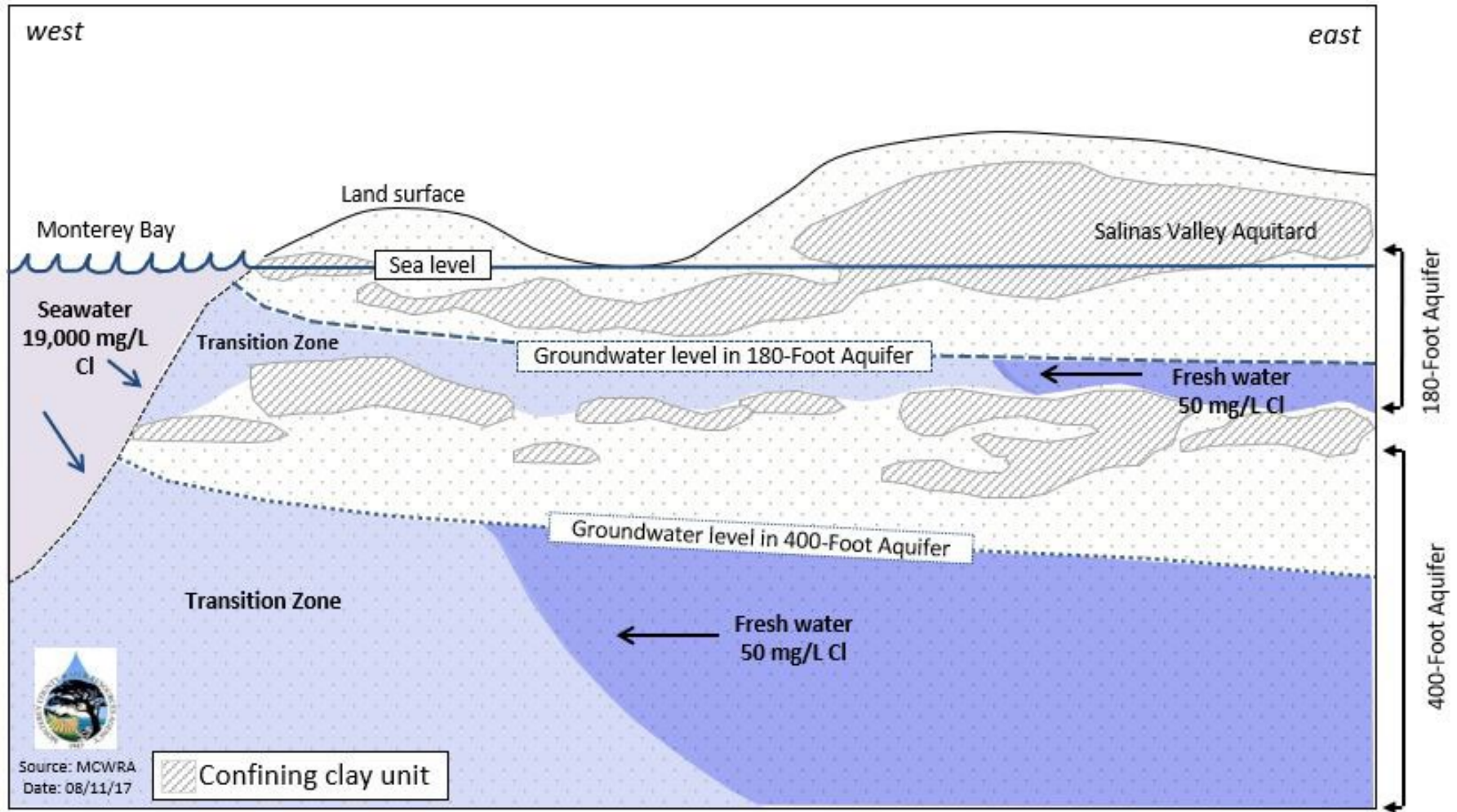
# 500 mg/L Chloride Contour Maps for 2023 Data Set



# Financial Impact/Strategic Plan

- Activities associated with this program are funded by Funds 111 & 116 and included in each year's budget
- These activities can be linked to Strategic Plan Goals B7, E1, and E4

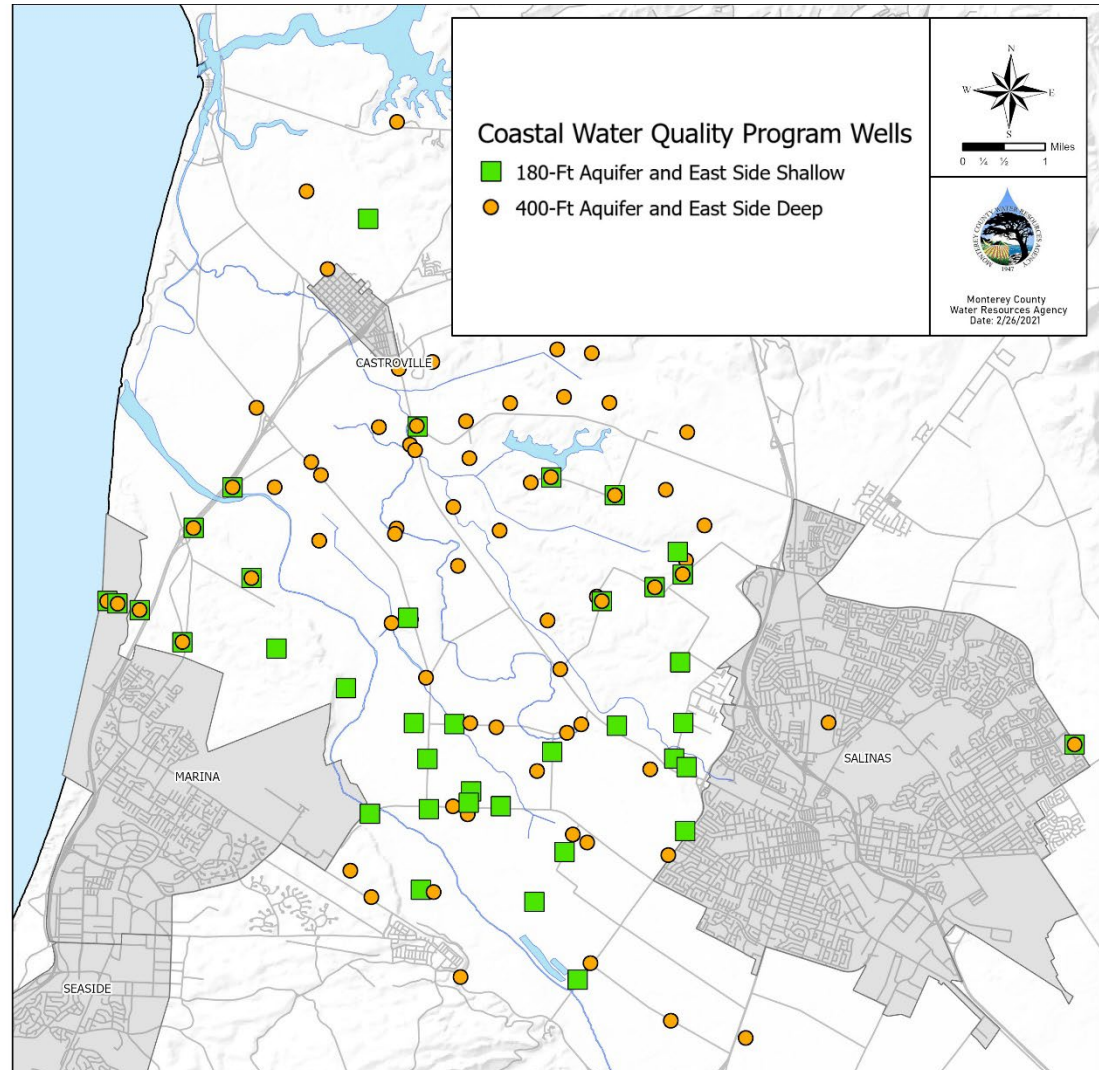
# Seawater Intrusion – Transition Zone



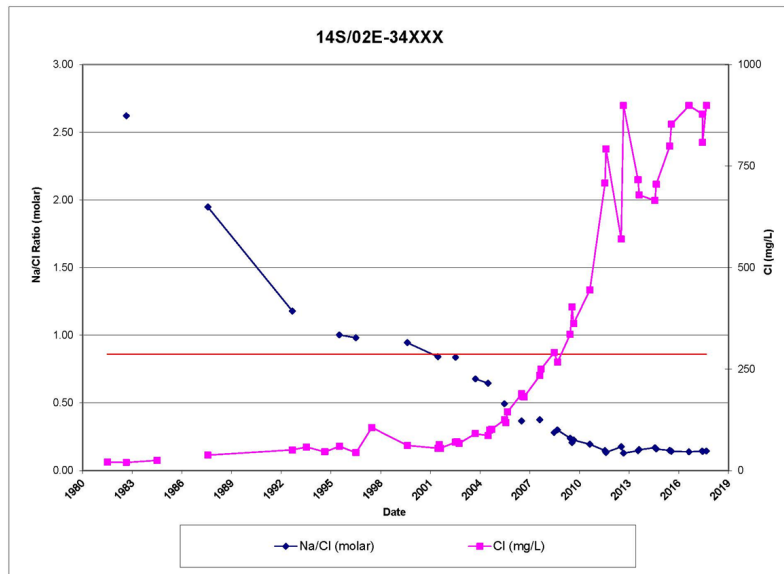
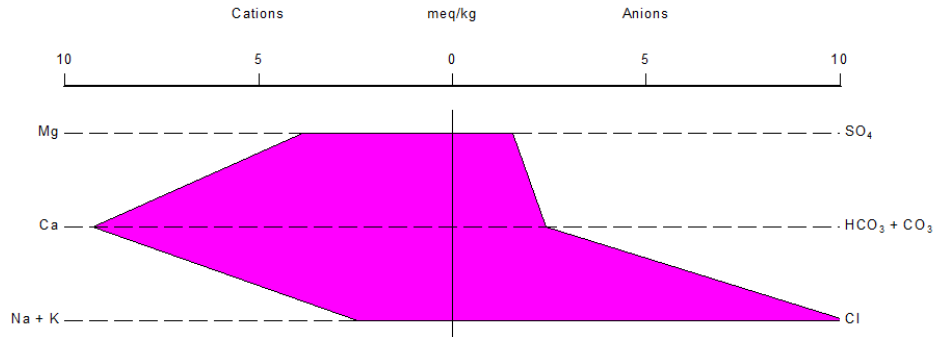
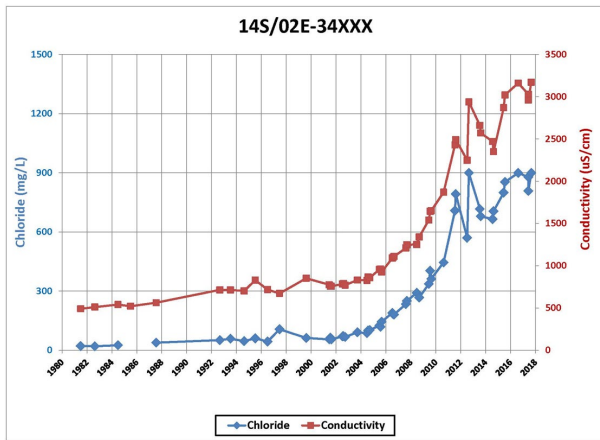
# Seawater Intrusion – Monitoring Program

## Groundwater Wells

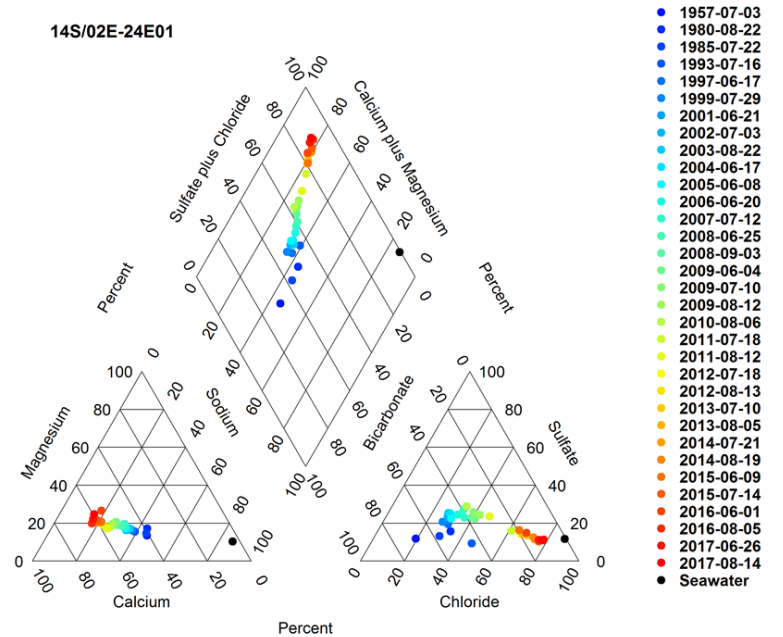
- Ag & Urban wells
- Dedicated monitoring wells
- Analyzed for Ag Waiver Panel (ELAP #1395)



# Seawater Intrusion – Data Analysis



14S/02E-24E01

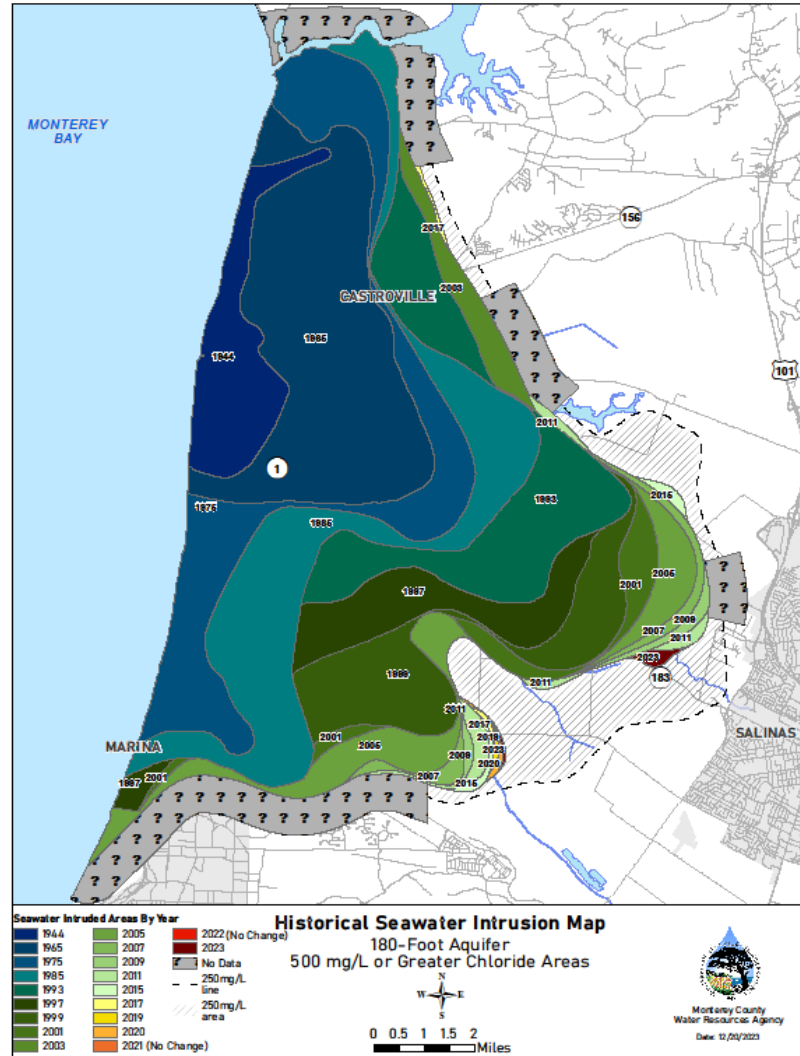




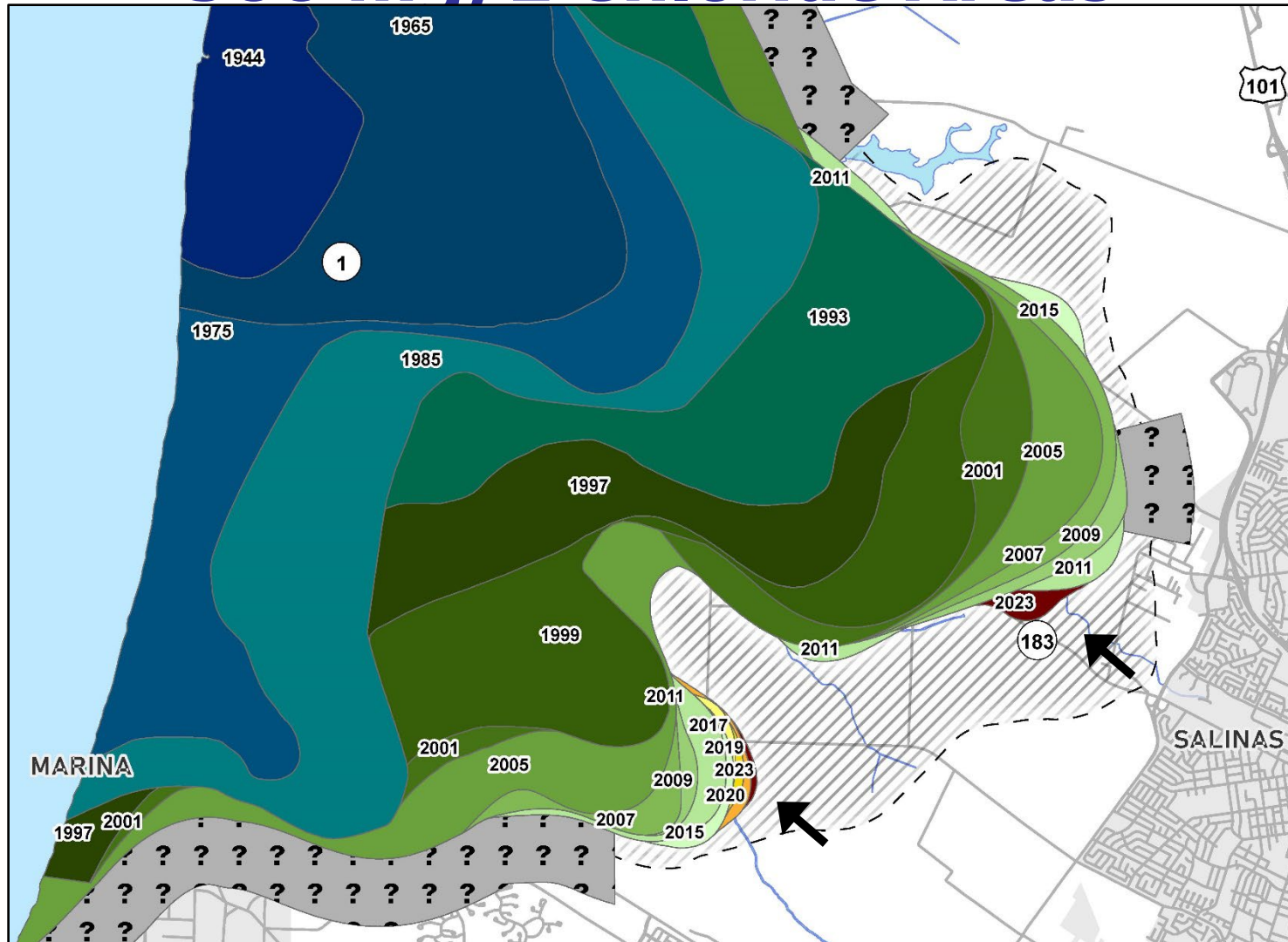
# Seawater Intrusion – Data Analysis

- Data Development Process
  - Water Quality
  - Well Construction
  - Well Pumping Data
  - Groundwater Level Contours

# 2023 180-Foot Aquifer 500 mg/L Chloride Areas

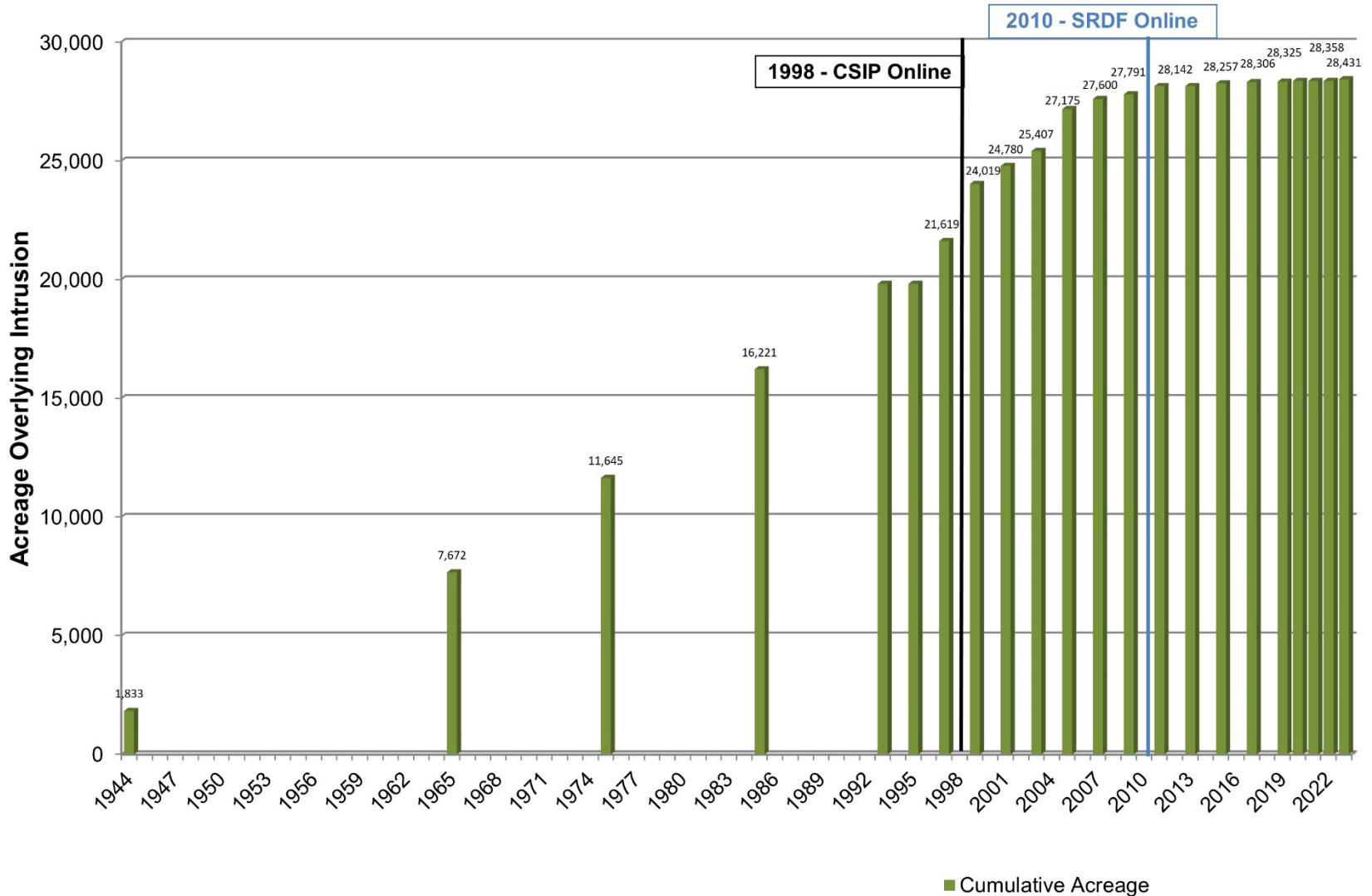


# 2023 180-Foot Aquifer 500 mg/L Chloride Areas

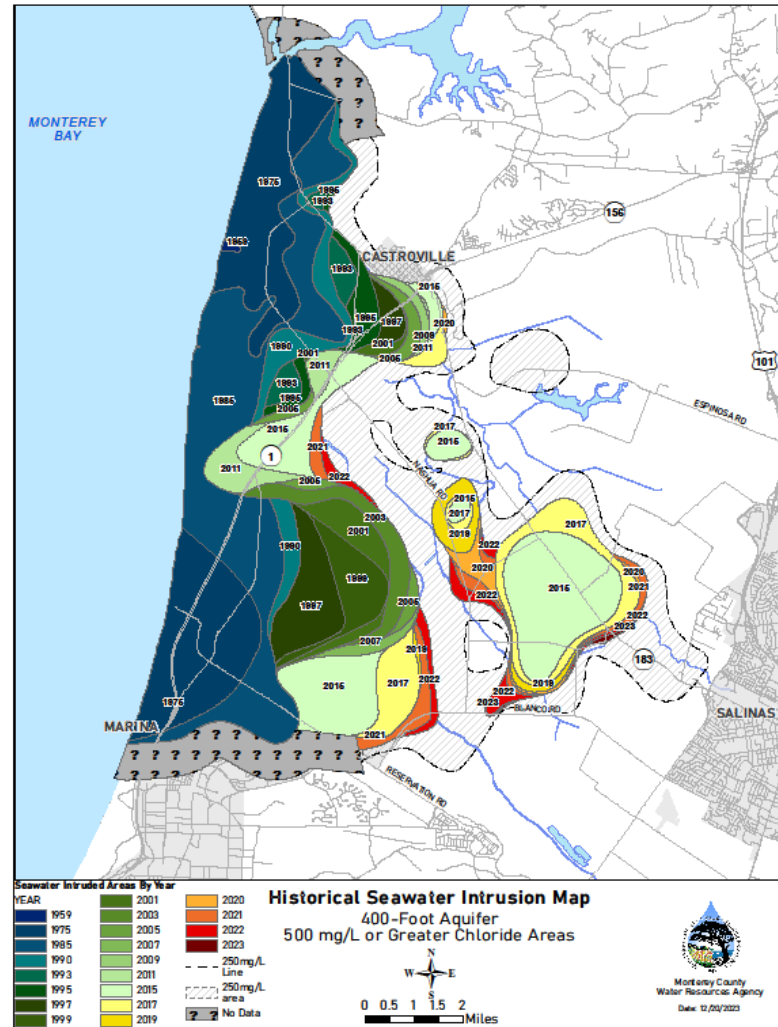




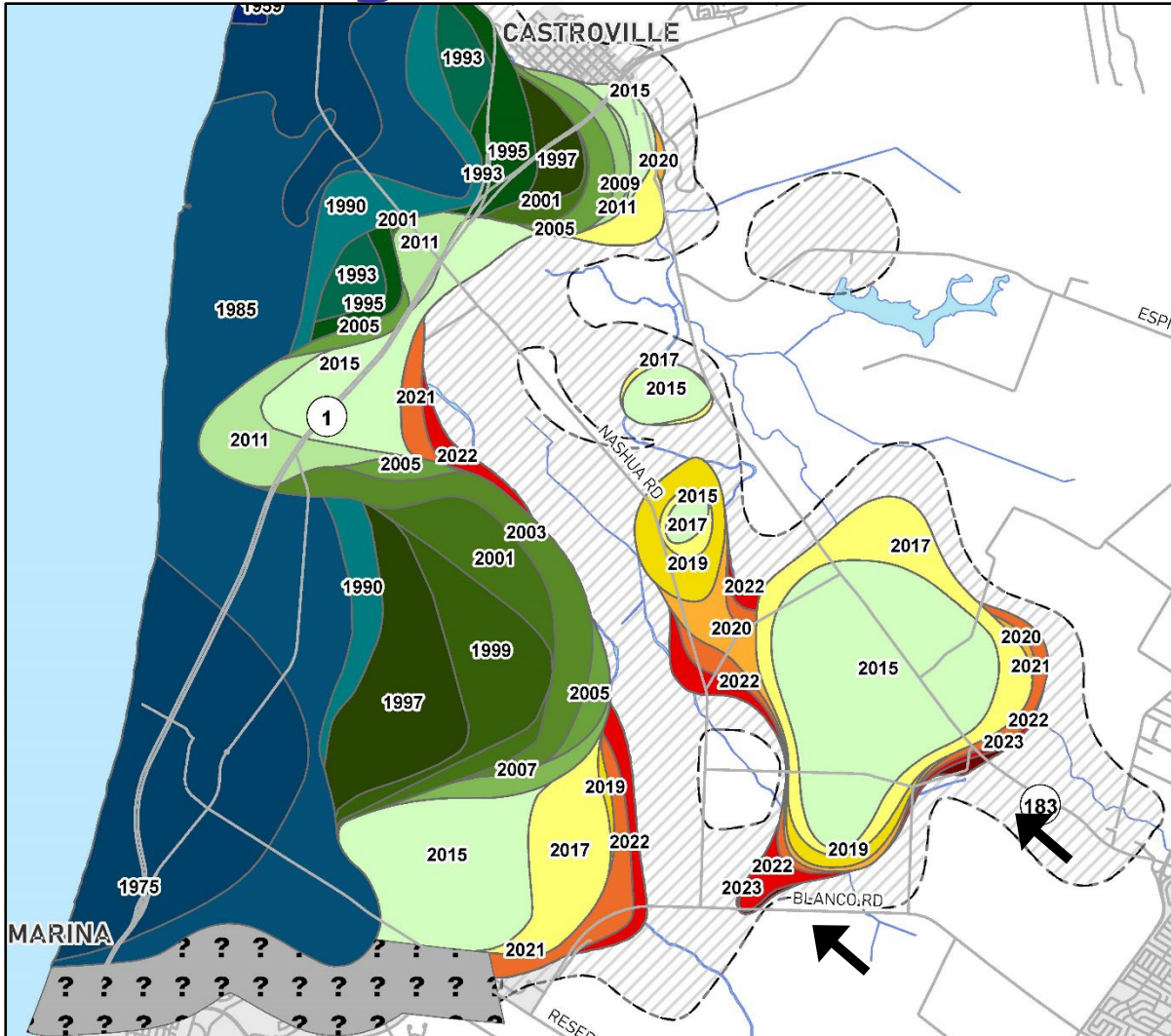
# Acreage Overlying the 500 mg/L Chloride Contour 180-Foot Aquifer



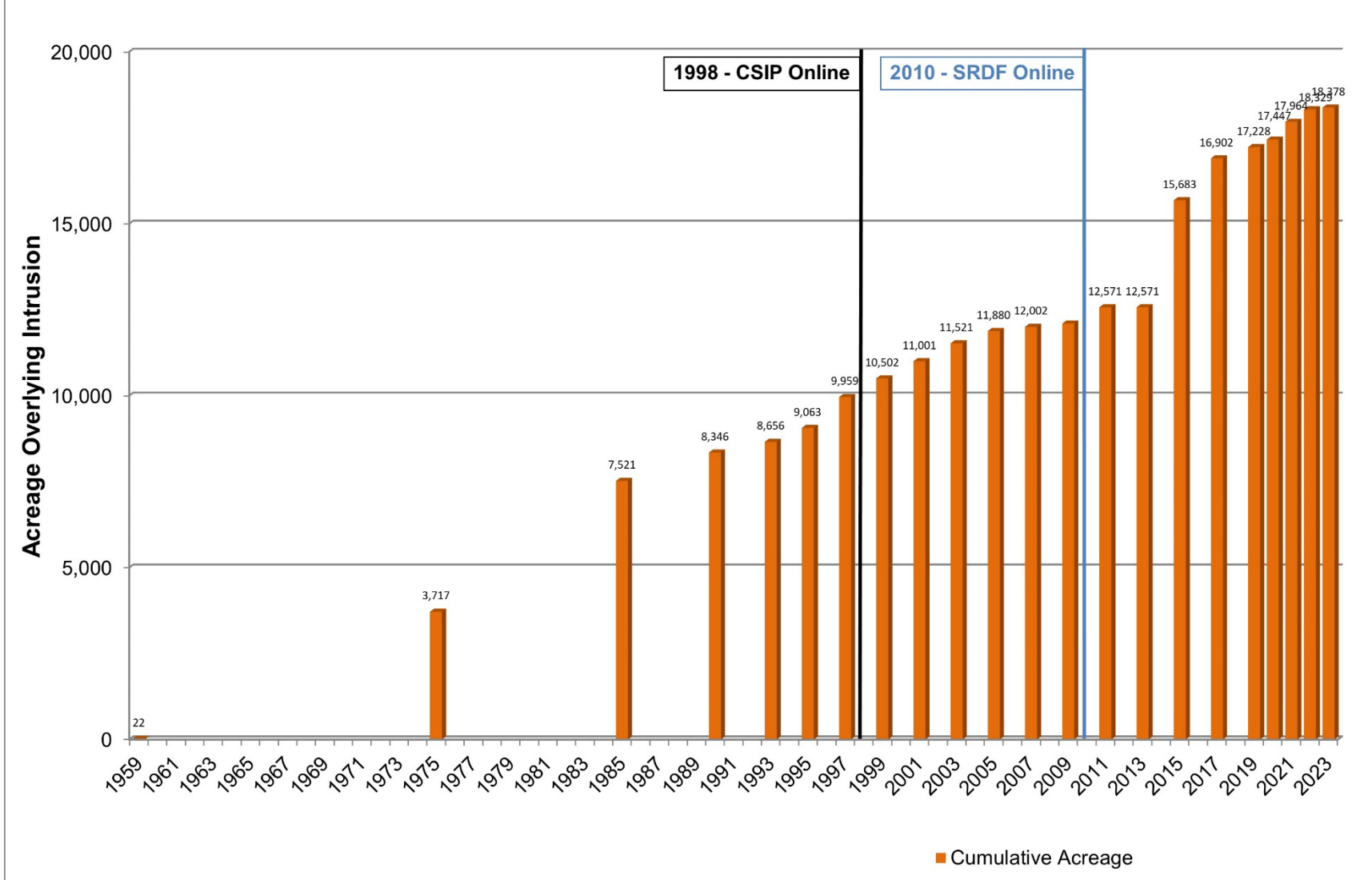
# 2023 400-Foot Aquifer 500 mg/L Chloride Areas



# 2023 400-Foot Aquifer 500 mg/L Chloride Areas



# Acreage Overlying the 500 mg/L Chloride Contour 400-Foot Aquifer





# Summary

## 180-Ft Aquifer Contours

- Some advancement along the furthest intruded lobe and the southern lobe

## 400-Ft Aquifer Contours

- Expansion of the large CI “Island” continues along the south and south-east edges

