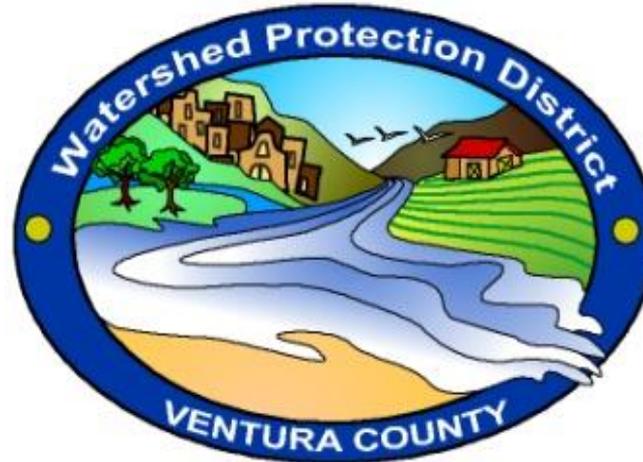




Public Works Agency



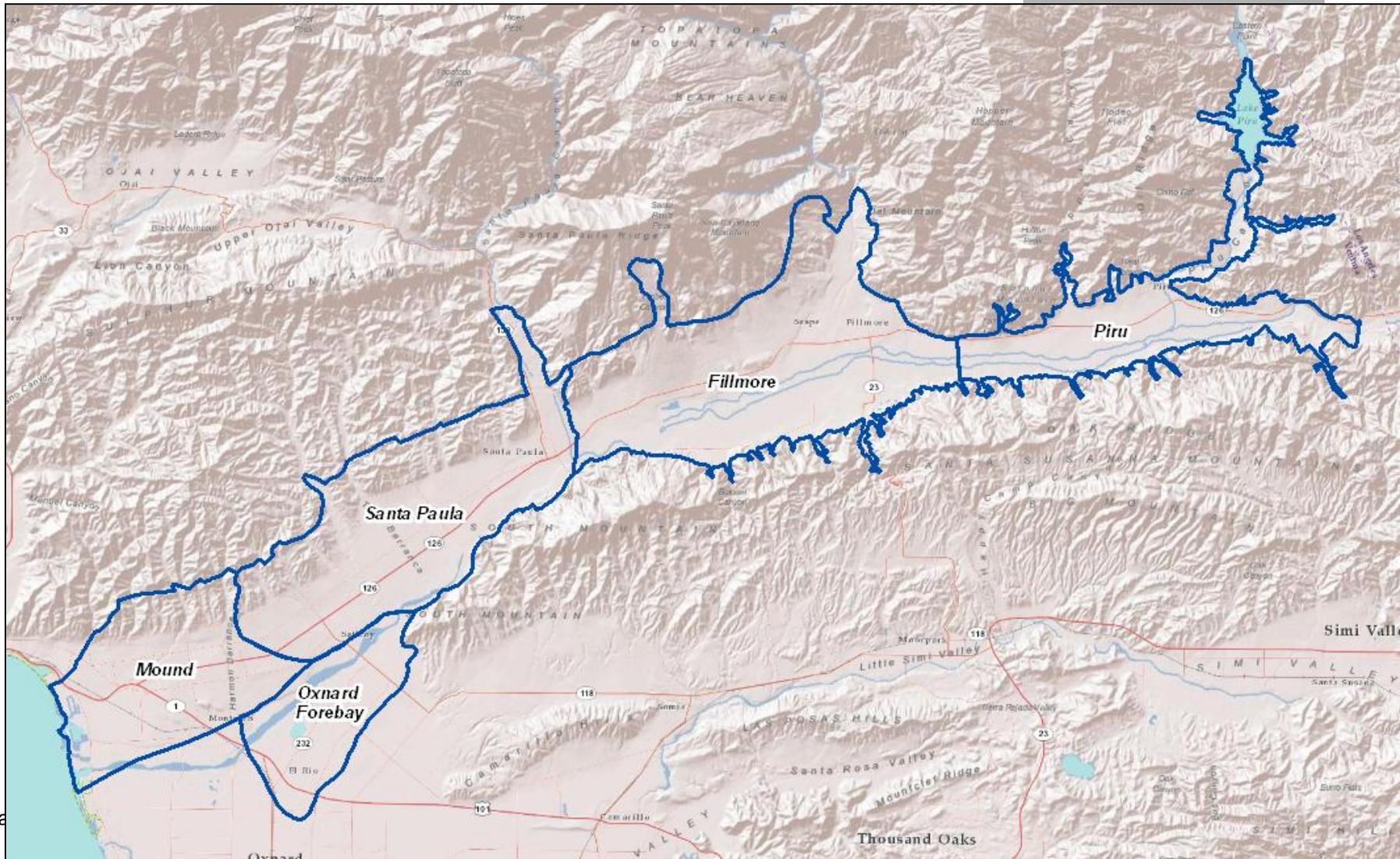
Lower Santa Clara River Groundwater Basins – Salt and Nutrient Management Plan Development Group

**Gerhardt Hubner, P.G.
Deputy Directory – Watershed Protection District**



Groundwater Basins Included in Lower Santa Clara River SNMP

Public Works Agency





Stakeholder Process - Participants

- Ventura County Watershed Protection District
- United Water Conservation District
- City of Ventura (POTW)
- City of Santa Paula (POTW)
- City of Fillmore (POTW)
- Ventura County Waterworks District 16 (Piru POTW)
- Additional Stakeholders TBD



Stakeholder Process

- SNMP Stakeholder Group Established in August 2011;
- Hold Quarterly Meetings – Six so far;
- Draft Cost Sharing MOUs – In Progress with City Council Approvals;
- RWQCB Workshop Participation & Coordination with Other SNMP Developers – Upper SCR, and Calleguas Creek Watersheds.



Project's Grant Funding



- 2011 – WCVC begins update process to comply with Proposition 84 IRWMP Standards.
- December 2011 – Six Projects Proposed at WCVC for Round 2, Proposition 84 Planning Grant funding.
- Two Projects Selected:
 - Salt & Nutrient Management Plan for the LSCR Groundwater Basins.
 - Las Posas Basin Conjunctive Use Study



Project's Grant Funding

- March 2012 – WPD, Submitted Grant Application to DWR;
- July 2012 – DWR Recommended \$397,000 in Grant Funding for SNMP Development;
- POTWs planning to provide funding match of \$134,530 (~25% of total project cost); and
- Total Project Budget = \$531,530





SNMP Basin Challenges



- Groundwater WQOs are already exceeded in some basins,
- Influent water quality (chlorides) from USCR basins,
- Application of Recycled/Brine Disposal from POTWs (Piru, Fillmore, Santa Paula, and Ventura),
- State water from Lake Piru (can have elevated chlorides during dry years),
- Strong agricultural presence in LSCR basins (irrigation return flow, nutrients),
- Water users rely on GW for >65% of water supply



Project Approach to Develop SNMP

- April 2012 – Decided to solicit consultant services SNMP development;
- October 2012 – Issued detailed RFP to qualified consulting firms;
- November 2012 – Received proposals from consultants (four teams, and one individual firm); and
- Proposals are currently being ranked by stakeholder group.



SNMP Project Schedule



- Select Consultant (November 2012)
- Finalize DWR Agreement (December 2012)
- Project Kickoff (January 2013)
- Stakeholder Draft SNMP (June 2013)
- Public and RWQCB Draft (August 2013)
- Final Draft SNMP (November 2013)
- Revised Final Draft if necessary (April 2014)
- LARWQCB Hearing Presentation (June 2014)