

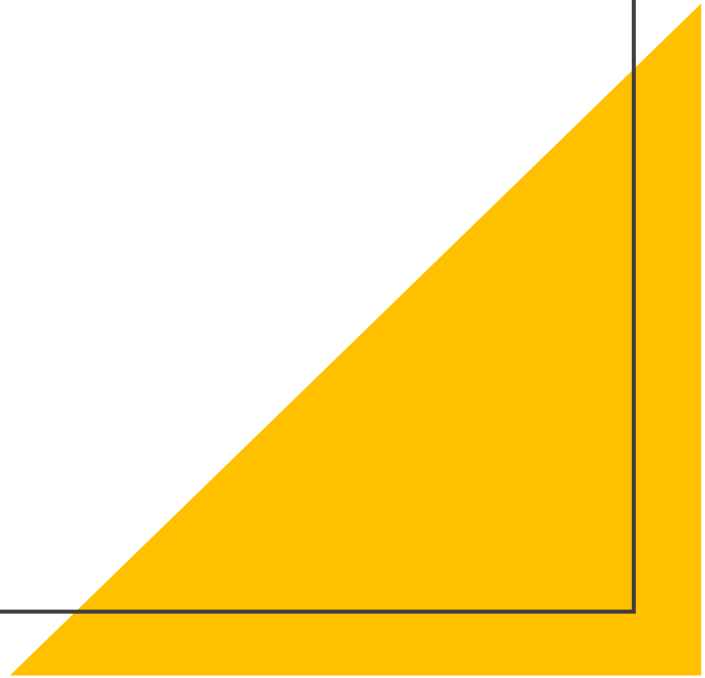
SOCWA SNMP

PC12

January 19, 2022

Amber Baylor, SOCWA

Via Zoom



Public Participation

SOCWA Salt and Nutrient Management Plan (SNMP)

Stakeholder Meeting

Wednesday, January 19, 2021 10:00 am
South Orange County Wastewater Authority –
Dana Point, CA

*This meeting is being conducted via Teleconference
pursuant to the California Governor Executive
Order N-29-20.*

**TELECONFERENCE PHONE NUMBER:
(213) 279-1455
TELECONFERENCE ID NO.: 903 349 430**

Meeting Agenda:

Public Comments

1. Introduction of Stakeholders
2. Summary of SNMP Submittals to the San Diego Regional Board
3. Comments Received by the SDRWQCB on 2020 SNMP
4. Response Options to San Diego Regional Board Review
5. Additional Service and PC12 Budget Adjustment Request

Agenda Item 2.

Milestones SOCWA SNMP & Recycled Water 2009 & 2018

February 3, 2009 Recycled Water Policy – SWRCB

- April 2009: SOCWA Technical Advisory Committee
- 2009-2010: Stakeholder identification
- 2011 Workshop:
- December 2012: Workshop
- 2012-2013: SNMP Analysis
- November 2013: Workshop and Draft Report based on Board Comments
- July 2014: Revised SNMP submitted to the Regional Board
- August 2016: Monitoring Program Addendum submitted as implementation measure
- September 2016: SOCWA Report of Waste Discharge WDR Master Recycled Water Permit submitted to Board
- May 2017: Draft Recycled Water Permit Received
- April 2018: SOCWA engages in 5 year update to update the SNMP over a period of two years
- May 2018: San Diego Regional Water Quality Board Presentation Triennial Review
- June 2018: Annual SNMP monitoring plan submitted

December 11, 2018 Resolution adopting 2018 SNMP


- January 2019: SNMP Public Stakeholder Workshop

Table ES-2. Summary of Engagement with Stakeholders, Regional Board, and Technical Advisory Members		
Meeting Date	Meeting Type	Meeting Topic
April 4, 2019	Technical Advisory	Project Kickoff
September 9, 2019	Stakeholder Outreach	Project Scope and Progress Update
January 7, 2020	Regional Board Coordination	Regional Board questions on methods in the 2014 SNMP
January 27, 2020	Technical Advisory	Revising the scope of work to address Regional Board comments
March 4, 2020	Regional Board Coordination	Regional Board questions on methods and plan for the 2020 SNMP Update
April 27, 2020	Regional Board Coordination	General discussion on updating scope of work
June 1, 2020	Regional Board Coordination	General discussion on project progress
July 6, 2020	Regional Board Coordination	Review Task 3.1 Technical Memorandum on levels of analysis
September 16, 2020	Regional Board Coordination	General discussion on scope of work
September 28, 2020	Technical Advisory/Stakeholders	Project Scope and Progress Update
October 5, 2020	Regional Board Coordination	Review and discuss Task 4.1 Technical Memorandum on technical methods
October 14, 2020	Regional Board Coordination	Review and discuss Task 4.1 Technical Memorandum on technical methods
October 29, 2020	Regional Board Coordination	Review and discuss Task 4.1 Technical Memorandum on technical methods
November 2, 2020	Regional Board Coordination	Review and discuss Task 4.1 Technical Memorandum on technical methods
June 23, 2021	Technical Advisory	Review the draft 2020 SNMP Report

August 17, 2021 – SOCWA SNMP Provided to the SDRWCB

Agenda Item 3.

Comments Received by the SDRWQCB on 2020 SNMP

- Submissions to date for compliance with 2009 and 2018 Recycled Water Policy.
 - SNMP “Very Close” as per SDRWQCB staff.
 - Salt and nutrient analysis/fate and transport.
 - Management actions.
 - Subbasin analysis that tie back to management actions.
 - Resubmittal process.
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Agenda Item 3. Comments Received by the SDRWQCB on 2020 SNMP

1. Provide the previously submitted monitoring plan as an addendum with the annual monitoring results. *“Remove or clarify statement in chapter 3.3.2.2 that states “...there is no surface water discharge data available to develop and calibrate the GSFLOW model uniquely to them.”*
2. SOCWA will revise and resubmit the SNMP to update Table E-3 to be consistent with p. E-6 and further ensure there are no inconsistencies in the SNMP regarding salt attribution.
3. Provide additional the list of stakeholders in tabular format and contribution of loading from stakeholders. The SNMP should estimate/model the inputs and outputs from all stakeholder groups that discharge or withdraw salts and nutrients from the basin and sub basins (RWP section 6.2.1). Additional clean-up on p.2-16, footnote 6.
4. Update the SNMP for an explicit request of a basin plan amendment. The SNMP should estimate projected concentrations of salts and nutrients based off discharges and management measures currently in place or planned to be constructed.
5. Update Tables 4-1a-f & 4-2a-b to include volume weighted TDS contribution from applied water not to include tons of salt. Include a summary table which includes each subbasin in one location and include information in the assimilative capacity analysis.
6. SDRWQCB requests to keep the conceptual model and include more information as to why the CSRMM and GSFLOW models cannot be accurately utilized for the SNMP.
7. Make explicit request for the watershed-based basin plan amendment.
8. Make explicit request for the watershed-based basin plan amendment.
9. Include an updated table which lists management actions considered related to the SNMP in alignment with items listed in the RWP (i.e. increasing efficiency of irrigation practices, extraction and demineralization of poor-quality groundwater, etc.
10. Of the management measures evaluated and proposed projects, include a simplistic cost table which includes published data on the feasibility of implementation.

11. Include updated salt balance projection models for Oso Creek Barrier, Ranch Filtration Plant, Doheny Desal, Expansion of Existing Groundwater Desalter on a subbasin level.

12. Related to Table 9, include an additional column related to determination if management measures can or cannot meet assimilative capacity requirements.

13. See comment for #11.

14. Make explicit request for the watershed-based basin plan amendment.

15. Make explicit request for the watershed-based basin plan amendment.

16. See comment for #11.

17. Include with comment 9.

Agenda Item 3. Comments Received by the SDRWQCB on 2020 SNMP

General Comments:

1. Better articulate management actions per subbasin.
2. Remove references to surface waters.
3. Make explicit request for the watershed-based basin plan amendment.
4. Reference to Comment 5 above related to updated tables.
5. Remove references to surface waters where applicable for clarity purposes.
6. Remove references to surface waters where applicable for clarity purposes.
7. SOCWA is focused on the maximum benefit of the production of recycled water. The intent of the SNMP is to further evaluate the stakeholder driven analysis and shared goals to achieve further production of recycled water in alignment with the 2018 Recycled Water Policy.

Agenda Item 3. Comments Received by the SDRWQCB on 2020 SNMP

- 1) Withdraw the SNMP for revision based on the comments. Any revision of the SNMP will restart the six-month period for the San Diego Water Board to adopt a resolution as required by provision 6.2.3 of the Recycled Water Policy.
- 2) Proceed with the San Diego Water Board making a resolution does not satisfy the requirements of Provision 6.2.4 of the 2018 Recycled Water Policy through a resolution for consideration at the next available Board Meeting.

Original request was 2 weeks from December 21, 2021.

SOCWA staff met with SDRWQCB staff on January 4, 2022 to review options and requested orally and through transmittal that the Board allow SOCWA and member agencies a deadline of February 4, 2022.

SOCWA Staff is meeting with Waterboard staff January 25, 2022 and February 1, 2022.

Agenda Item 4. Response Options to San Diego Regional Board Review

Requested actions by PC12 Member Agencies:

- PC 12 Members are requested to approve a budget adjustment not to exceed \$10,000 for management support services and contract authorization for Dr. Michael Welch.
- PC12 Members are requested to approve a budget adjustment not to exceed \$35,000 for legal services and contract authorization for Ms. Theresa Dunham.

Agenda Item 5.
Additional Service
and PC12 Budget
Adjustment
Request