

Basin Monitoring Task Force Meeting May 24, 2021

Basin Plan Amendment
Status & Revisions



Timing of Basin Plan Amendments

- Revise language & staff report
- Format for publication
- Release for public review
- Schedule for Board Consideration (est. August 2021)

Proposed Revisions to Primary Text (pp. 5-12 through 5-27)

- Various clarifying edits
- Remove mineral increment clarification
- Remove GMZ specific discussion to Staff Report
- Expand GMZ specific discussions for Colton, Riverside A and Orange County to explain Regional Board authority for approving renewed permits based on WLAM Predictive Scenario Results
- Remove East Valley Water District – SNRC from Table 5-5

Proposed Revisions to Secondary Text (pp. 5-37 through 5- 42)

- Revise due date for Surface Water monitoring program update to August 2022
- Revise groundwater monitoring program requirement language to include additional flexibility
- Revise groundwater monitoring program update as follows:
 - Approach for determining ambient groundwater quality by October 2023
 - Next ambient groundwater quality update by October 2025
 - Frequency of update, minimum of every 5 years

Colton GMZ - TIN

- Table 6-4 Predictive Scenario Result
 - TIN exceeded in maximum discharge scenarios (included Sterling max discharges to City Creek)
 - TIN 10-year average (compliance period) not exceeded in average or minimum discharge scenarios
 - Minimum discharge scenarios zeroed out discharges from Sterling
 - With removal of Sterling from maximum discharge scenarios (at 6 mg/L N), expect 10-year average for TIN to not exceed ambient (3.3 mg/L) or objective (2.7 mg/L)

Riverside A GMZ - TIN

- Table 6-5 Predictive Scenario Results
 - 10-year average maximum recharge discharge scenarios exceeded, not exceeded in average or minimum recharge discharge scenarios
 - 0.5 mg/L of Assimilative Capacity available
 - Highest projected recharge is 6.45 mg/L and 6.27 mg/L for 2020 and 2040, respectively (objective is 6.2 mg/L and ambient is 5.7 mg/L)
 - Allowing use of assimilative capacity can be justified by Regional Board under anti-degradation policy
 - Won't result in exceedance of objective
 - Quality of recycled water discharge has positive impact on Chino-South GMZ and at Prado
 - Flows from RIX and Rialto protect other beneficial uses
 - Cost of additional treatment for TIN does not constitute BPTC

Orange County GMZ - TDS

- Table 6-9 Predictive Scenario Results
 - 10-year average and minimum recharge scenarios exceed objective
 - Basin Plan uses Reach 3 baseflow objective and Reach 2 5-year moving average
 - Reach 3 baseflow objective is 700 mg/L; Reach 2 5-year objective is 650 mg/L
 - Reach 3 baseflow recharge exceeds objective during average and minimum recharge scenarios
 - Effluent limits are set at or below objective of 700 mg/L
 - Rising groundwater expected to be the cause exceedances
 - Task Force conducting study regarding causes of exceedances
 - Add as a permit requirement
 - Re-evaluate with 2024 Recycled Water Policy review

Next Steps

- Revise Basin Plan Amendments & Staff Report for Regional Board consideration
- Provide to Task Force members for review by May 28, 2021
- Task Force comments back to Tess & Mark by June 4, 2021
- Revised Basin Plan Amendments & Staff Report to Regional Board staff by June 8