Attachment A
To
Resolution No. R5-2010-XXXX

Basin Plan Amendments

The Water Quality Control Plan for the Sacramento River and San Joaquin River Basins is amended as presented below. Deletions are indicated as strikethrough text (~~deleted text~~) and shaded fields (deleted field). Additions are shown as underlined text (added text). Italicized text (*notation text*) is included to locate where the modifications will be made in the Basin Plan. All other text changes are shown accurately, however, formatting on the page may change.

Under the Chapter IV heading: "Regional Water Board Prohibitions, Item 6 on page IV-26.00, make the following changes:

> b. The discharge of agricultural subsurface drainage water to Salt Slough and wetland water supply channels identified in Appendix 40 is prohibited after 10 January 1997, unless water quality objectives for selenium are being met. ~~This prohibition may be reconsidered if public or private interests prevent the implementation of a separate conveyance facility for agricultural subsurface drainage.~~
>
> c. The discharge of agricultural subsurface drainage water to Mud Slough (north) and the San Joaquin River from Sack Dam to the mouth of the Merced River is prohibited after ~~1 October 2010~~, 31 December 2019 unless water quality objectives for selenium are being met. ~~This prohibition may be reconsidered if public or private interests prevent the implementation of a separate conveyance facility for agricultural subsurface drainage to the San Joaquin River.~~ The prohibition becomes effective immediately upon Board determination that timely and adequate mitigation, as outlined in the 2010-2019 *Agreement for Continued Use of the San Luis Drain*[1] has not been provided.

Under the Chapter IV heading: "Agricultural Drainage Discharges in the San Joaquin River Basin" page IV-31.00, make the following changes:

> Per the amendment to the Basin Plan for San Joaquin River subsurface agricultural drainage, approved by the State Water Board in Resolution No. 96-078, as amended by Resolution No. XX-XXXX and incorporated herein, the following actions will be implemented.

[1] United States Department of the Interior, Bureau of Reclamation, Central Valley Project, California and San Luis & Delta-Mendota Water Authority, Los Banos, CA, *Agreement for Continued Use of the San Luis Drain for the period January 1, through December 31, 2019.*

1. In developing control actions for selenium, the Regional Board will utilize a priority system which focuses on a combination of sensitivity of the beneficial use to selenium and the environmental benefit expected from the action.

2. Control actions which result in selenium load reduction are most effective in meeting water quality objectives.

3. With the uncertainty in the effectiveness of each control action, the regulatory program will be conducted as a series of short-term actions that are designed to meet long-term water quality objectives.

4. Best management practices, such as water conservation measures, are applicable to the control of agricultural subsurface drainage.

5. Performance goals will be used to measure progress toward achievement of water quality objectives for selenium. Prohibitions of discharge and waste discharge requirements will be used to control agricultural subsurface drainage discharges containing selenium. Compliance with performance goals and water quality objectives for nonpoint sources will occur no later than the dates specified in Table IV-4 for Mud Slough (north and the San Joaquin River from Sack Dam to the Merced River.

6. Waste discharge requirements will be used to control agricultural subsurface drainage discharges containing selenium and may be used to control discharges containing other toxic trace elements.

7. Selenium load reduction requirements will be incorporated into waste discharge requirements as effluent limits as necessary to ensure that the selenium water quality objectives in the San Joaquin River downstream of the Merced River inflow is achieved. The Board ~~intends to implement~~ adopted a TMDL for selenium in the San Joaquin River in 2001 after public review.

---Additional changes are shown on the next page---

Table IV-4. Compliance Time Schedule for Meeting the 4-day Average and Monthly Mean Water Quality Objective for Selenium

Selenium Water Quality Objectives (in bold) and Performance Goals (in italics)

Water Body~~/Water Year Type~~[1]	~~1 October 1996~~	~~1 October 2002~~	~~1 October 2005~~	~~1 October 2010~~	31 December 2015	31 December 2019
~~Salt Slough and Wetland Water Supply Channels listed in Appendix 40~~	~~**2 ug/L monthly mean**~~					
~~San Joaquin River below the Merced River; Above Normal and Wet Water Year types~~[1]		~~*5 ug/L monthly mean*~~	~~**5 ug/L 4-day avg.**~~			
~~San Joaquin River below the Merced River; Critical, Dry, and Below Normal Water Year types~~		~~*8 ug/L monthly mean*~~	~~*5 ug/L monthly mean*~~	~~**5 ug/L 4-day avg.**~~		
Mud Slough (north) and the San Joaquin River from ~~Sack Dam~~ the Mud Slough Confluence to the Merced River				~~**5 ug/L 4-day avg.**~~	*15 ug/L monthly mean*	**5 ug/L 4-day avg.**