

# Summary of Appendix H Updates

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*June 2017*

The following memo documents the updates made to Appendix H of the Seepage Management Plan as a result of Seepage and Conveyance Technical Feedback Group (SCTFG) meetings, almond root zone studies, and in consultation with SCTFG participants.

- Addition of Section H.1.3.3 to describe the Lateral Gradient Buffer and its application in threshold calculations.
- Revision of the almond root zone value from 9 feet to 6 feet based on extensive literature review and consultation with experts.
- Revision of capillary fringe value assumptions from a range of 0.5 feet to 1.0 feet to a range of 0.5 feet to 3 feet based on soil type observations at site.
- Include process to allow for site specific field investigations of capillary fringe (described in H.2.3.2).
- Update historical method C1 (described in H.3.2.4) with new well measurements from the Central California Irrigation District (CCID) wells. Accounts for more recent data.
- Update historical method C4 (described in H.3.2.6) to account for December 2011 through January 2016 data when there was no Restoration or flood flows beyond Reach 3 in the Restoration Area. Update the threshold selection based on the shallowest of a three-point centered moving average. Accounts for more recent data.
- Break up the Threshold Summary Table to account for thresholds in field and thresholds in well (see Table H-10 and Table H-11, respectively).
- Remove wells that no longer exist in the groundwater monitoring well network.

Previously updated version is available at: [http://www.restoresjr.net/wp-content/uploads/SMP\\_Appendix\\_H\\_ProposedUpdateDraft\\_October\\_2016-1.pdf](http://www.restoresjr.net/wp-content/uploads/SMP_Appendix_H_ProposedUpdateDraft_October_2016-1.pdf)