

**Proposed Late Revisions to the Proposed Basin
Plan Amendment documents for the Amendment
to the Water Quality Control Plan for the Tulare
Lake Basin to Remove the Municipal and
Domestic Supply (MUN) and Agricultural Supply
(AGR) Beneficial Uses from Groundwater Within
a Designated Horizontal and Vertical Area Within
and Surrounding the Administrative Boundaries
of the South Belridge, Monument Junction and
Cymric Oil Fields in Kern County Near
McKittrick, California**

**Regional Water Quality Control Board,
Central Valley Region Board Meeting
12 December 2025**

**LATE REVISIONS TO MCKITTRICK AREA OIL FIELDS BENEFICIAL USE
EVALUATION BASIN PLAN AMENDMENT DOCUMENTS – 12 DECEMBER 2025**

Proposed Late Revisions

The Central Valley Regional Water Quality Control Board (the Board) has developed Late Revisions to the Board documents for the Amendment to the Water Quality Control Plan for the Tulare Lake Basin to Remove the Municipal and Domestic Supply (MUN) and Agricultural Supply (AGR) Beneficial Uses from Groundwater Within a Designated Horizontal and Vertical Area Within and Surrounding the Administrative Boundaries of the South Belridge, Monument Junction and Cymric Oil Fields in Kern County Near McKittrick, California (McKittrick BPA).

The Late Revisions in this document are to be incorporated into the proposed McKittrick BPA documents listed below:

1. November 2025 Draft Staff Report
2. Appendix D of November 2025 Draft Staff Report
3. Resolution

The Late Revisions are shown below in underline for addition of text and images, and strikethrough for removal of text and images, for each of the McKittrick BPA documents that contain Late Revisions.

A. November 2025 Draft Staff Report

1. Acronyms and Terms Section

a. Pages xi to xiii:

Revised Project Area.....

Depicted in Figure 2, the proposed two-dimensional area where it has been determined by Central Valley Water Board staff that de-designation of the existing groundwater beneficial uses of MUN and AGR is appropriate. For one portion of this Revised Project Area, as depicted in Figure 2, it has been determined by Central Valley Water Board staff that de-designation of the existing groundwater beneficial uses of MUN and AGR is appropriate. This portion is composed of an approximately ~~6.00~~6.1-square-mile two-dimensional surface area composed of: the east quarter of Section 13, some of the south half of Section 13, the southeast quarter of Section 23, the east half of the southwest quarter of Section 23, some of the southeast quarter of the northeast quarter of Section 23, the south half and the east quarter and some of the north half of Section 24, the north quarter of Section 25, the north half of the northeast quarter of Section 26, and the northeast quarter of the northwest quarter of Section 26, of T29S/R21E, Mount Diablo Baseline and Meridian (MDBM)~~MDBM~~, and Sections 17, 18, and 19, the west quarter of Section 16, the west and north quarters of Section 20, the northwest quarter of the northwest quarter of Section 21, the northwest quarter of the northwest quarter of Section 29, and the north quarter of Section 30, of T29S/R22E, MDBM.

For the remaining portion of the Revised Project Area, also depicted in Figure 2, it has been determined by Central Valley Water Board staff that de-designation of only the existing MUN groundwater beneficial use is also appropriate. This remaining portion of the Revised Project Area is a ~~half~~0.5-square-mile two-dimensional area composed of the north half of the northeast quarter of Section 16, the east half of the west half of Section 16, the southwest quarter of the southeast quarter of Section 16, the northeast quarter of the northwest quarter of Section 21, and the northwest quarter of the northeast quarter of Section 21, of T29S/R22E, MDBM.

In total, the entire Revised Project Area is 6.6 square miles and encompasses the McKittrick 1-1 and McKittrick 1- and 1-3 Facilities.

The horizontal extent of the Revised Project Area was determined by Central Valley Water Board staff evaluating the available water quality data and information in the Project Area, including comparing groundwater quality data to

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de-designation criteria thresholds. Therefore, the horizontal area proposed for de-designation of the MUN and AGR beneficial uses is what is supported by the currently available information and data for the entire Project Area.

Revised Project Zone.....

The proposed three-dimensional space where it has been determined by Central Valley Water Board staff that de-designation of the existing groundwater beneficial uses of MUN and AGR is appropriate. The Revised Project Zone is composed of Holocene Alluvium and the Corcoran Clay Equivalent (CCE), ~~is situated above the CCE~~, and underlies the Revised Project Area.

2. Executive Summary Section

a. Page 3:

Based on an evaluation of the available information for the Project Area, including groundwater quality data, and comparison to the de-designation criteria thresholds, the de-designation area was changed to include an approximately 66.6-square-mile area (**Revised Project Area**).

b. Page 3:

Additionally, the Project Zone was revised to include the three-dimensional space where de-designation was found to be appropriate, which only includes the alluvium and the CCE (Revised Project Zone). The Revised Project Zone includes sediments that extend to the base of the ~~alluvium~~CCE, approximately 200 to 400 feet below ground surface (ft bgs) within the Revised Project Area.

3. Proposed Basin Plan Amendment Language Section

a. Page 4:

Modify Chapter 2 of the Basin Plan, adding a new row to the bottom of Table 2-3, thereby establishing an Exception Area 6 (column 1) with the following Area Description (column 2), which shall be applicable to Detailed Analysis Unit (DAU #) #259 (column 3); also Modify Chapter 2 of the Basin Plan by adding 'Figure 2-4, McKittrick Area Oil Fields Beneficial Use Exemption Area' to Chapter 2 of the Basin Plan, after 'Figure 2-3, Tulare Lake Bed Beneficial Use Exemption Area':

Groundwater contained within the Holocene Alluvium (alluvium) and Corcoran Clay Equivalent (CCE), from ground surface to the base top of the ~~Corcoran Clay Equivalent (CCE)~~, within the approximately 6.0-6.1-square-mile two-dimensional surface area horizontal extent detailed in the 'Revised

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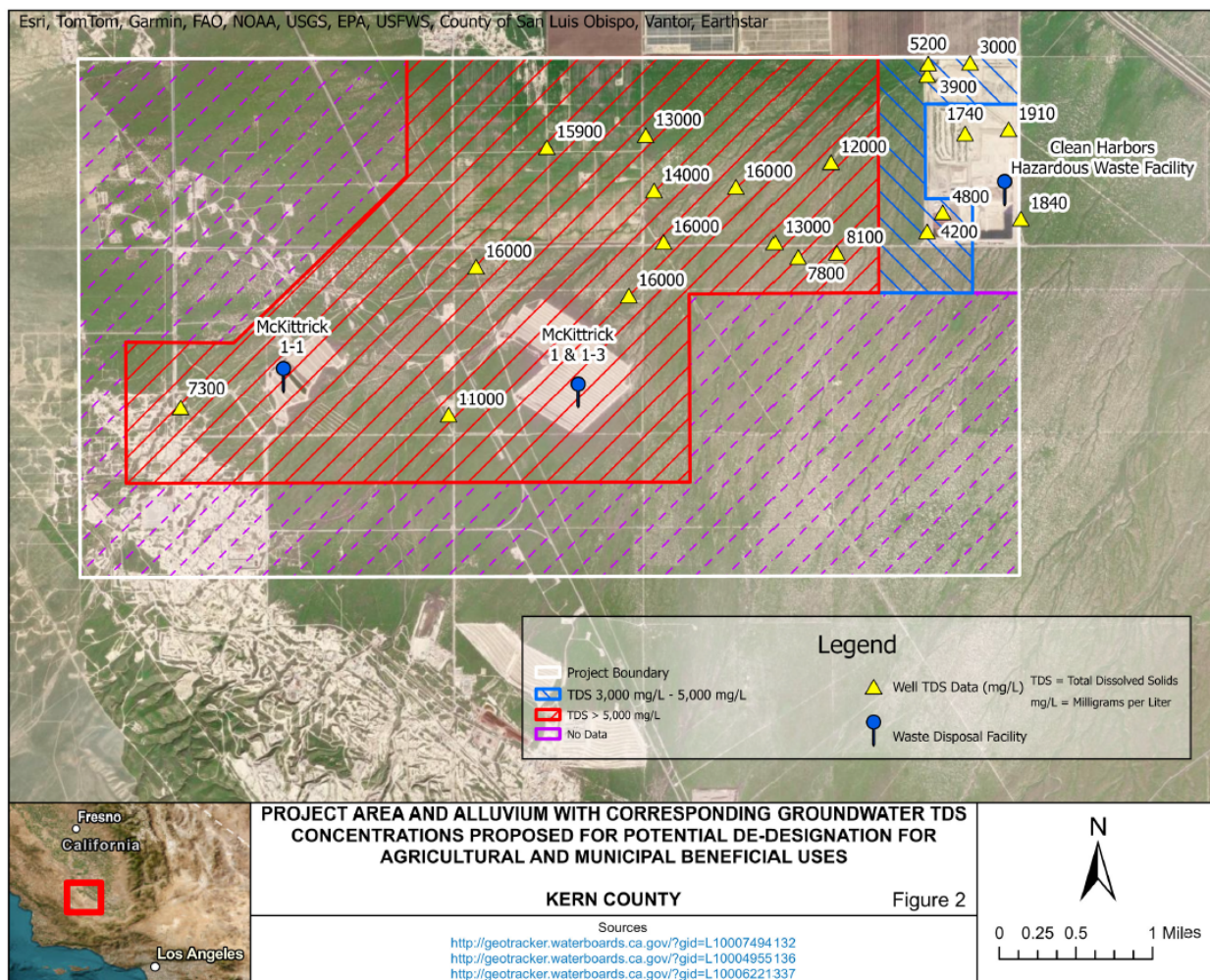
Project Area' as shown in Figure 2-4; the horizontal extent that lies approximately within: composed of: the east quarter of Section 13, some of the south half of Section 13, the southeast quarter of Section 23, the east half of the southwest quarter of Section 23, some of the southeast quarter of the northeast quarter of Section 23, the south half and the east quarter and some of the north half of Section 24, the north quarter of Section 25, the north half of the northeast quarter of Section 26, and the northeast quarter of the northwest quarter of Section 26, of T29S/R21E, Mount Diablo Baseline and Meridian (MDBM), and Sections 17, 18, and 19, the west quarter of Section 16, the west and north quarters of Section 20, the northwest quarter of the northwest quarter of Section 21, the northwest quarter of the northwest quarter of Section 29, and the north quarter of Section 30, of T29S/R22E, MDBM, is not suitable, or potentially suitable, for municipal or domestic supply (MUN) or agricultural supply (AGR), including, but not limited to, AGR applications for irrigation, stock watering and support of vegetation for range grazing.

Additionally, groundwater contained within the alluvium and CCE, from ground surface to the base of the CCE, with the a approximately half 0.5-square-mile two-dimensional surface area horizontal extent detailed in the 'Revised Project Area' as shown in Figure 2-4; the horizontal extent that lies approximately within: composed of: the north half of the northeast quarter of Section 16, the east half of the west half of Section 16, the southwest quarter of the southeast quarter of Section 16, the northeast quarter of the northwest quarter of Section 21, and the northwest quarter of the northeast quarter of Section 21, of T29S/R22E, MDBM, is not suitable, or potentially suitable, for municipal or domestic supply (MUN).

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Figure 2-4: McKittrick Area Oil Fields Beneficial Use Exemption Area

Red hashed area is de-designated for municipal or domestic supply (MUN) or agricultural supply (AGR). Blue hashed area is de-designated for municipal or domestic supply (MUN) only.



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4. Section 3.3 Proposed De-designation Boundary

a. Pages 24-25:

Based on an evaluation of existing groundwater quality within the Project Area, the de-designation area (Revised Project Zone) was revised to include an approximately ~~66.1~~-square-mile two-dimensional surface area composed of: the east quarter of Section 13, some of the south half of Section 13, the southeast quarter of Section 23, the east half of the southwest quarter of Section 23, some of the southeast quarter of the northeast quarter of Section 23, the south half and the east quarter and some of the north half of Section 24, the north quarter of Section 25, the north half of the northeast quarter of Section 26, and the northeast quarter of the northwest quarter of Section 26, of T29S/R21E, MDBM, and Sections 17, 18, and 19, the west quarter of Section 16, the west and north quarters of Section 20, the northwest quarter of the northwest quarter of Section 21, the northwest quarter of the northwest quarter of Section 29, and the north quarter of Section 30, of T29S/R22E, MDBM, where groundwater from ground surface to the base of the CCE exceeds a TDS concentration of 5,000 mg/L, which is not suitable, or potentially suitable, for agricultural or municipal and domestic supply (~~Revised Project Area~~).

Additionally, included in the de-designation area (Revised Project Zone) is a fragmented half-0.5-square-mile two-dimensional area composed of: the north half of the northeast quarter of Section 16, the east half of the west half of Section 16, the southwest quarter of the southeast quarter of Section 16, the northeast quarter of the northwest quarter of Section 21, and the northwest quarter of the northeast quarter of Section 21, of T29S/R22E, MDBM, where groundwater from ground surface to the base of the CCE exceeds a TDS concentration of 3,000 mg/L, which is also not suitable, or potentially suitable, for municipal or domestic supply (MUN). There is one well within this area where TDS exceeds 5,000 mg/L, but it is situated next to a well with monitoring data below TDS of 5,000 mg/L (3,900 mg/L), and therefore MUN de-designation is appropriate. However, but AGR de-designation is not appropriate for this ~~fragmented~~-section of the Project Area.

Both of these de-designation areas make up the Revised Project Area, detailed in Figure 2. In total, the entire Revised Project Area is 6.6 square miles and encompasses the McKittrick 1-1 and McKittrick 1- and 1-3 Facilities.

Based on information regarding the Project Zone, including groundwater quality data, the Revised Project Zone is limited to the alluvium and CCE underlying the Revised Project Area, where MUN and AGR de-designation has been deemed appropriate based on available data. The Revised Project Zone includes sediments that extend to the base of the CCE ~~Tulare Formation~~ within the

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Revised Project Area. Whereas the Revised Project Area reflects the Project's horizontal footprint, the Revised Project Zone also encompasses the Project's vertical element. In other words, the Revised Project Area encompasses the Revised Project Zone that is vertically limited by the base of the CCE.

5. Section 4.1.3 MUN Alternative 3: De-designation Only in the Revised Project Zone

a. Page 29:

Specifically, the MUN beneficial use is to be de-designated from groundwater situated within the alluvium and CCE in the Revised Project Zone which includes an approximately ~~66.6~~-square-mile area underlying the evaluated Project Area. ~~Additionally, a fragmented half square mile area in the eastern portion of the evaluated Project Area is also not suitable, or potentially suitable, for municipal or domestic supply (MUN).~~ Shallow groundwater outside the Revised Project Area and Revised Project Zone would retain the MUN designation.

6. Section 4.1.6 Staff Recommendation: MUN Alternative 3

a. Page 34:

Based on analysis of the four alternatives discussed above, Central Valley Water Board staff recommends implementation of **MUN Alternative 3**, wherein MUN beneficial use shall be de-designated for groundwater in portions of the Project Zone only - i.e., the alluvium and CCE within the horizontal and vertical boundaries of the Project Zone where data shows that groundwater meets the criteria in the Basin Plan for de-designation (i.e., portions underlying the evaluated Project Area within the alluvium and CCE where TDS concentrations exceed 3,000 mg/L). Maps showing where groundwater quality in the alluvium meets this threshold is discussed above and included in this Staff Report (Figure 2).

MUN Alternative 3 **is recommended** and best satisfies the selection criteria described in Section 4.1.5. A limited de-designation within the Project Zone constrained to specific parts of the alluvium and CCE would: ...

7. Section 4.2.3 AGR Alternative 3: De-designation Only in the Revised Project Zone

a. Page 38:

Within the evaluated Project Area, groundwater that exceeds the TDS threshold concentration of 5,000 mg/L TDS is contained within approximately 66.1 square

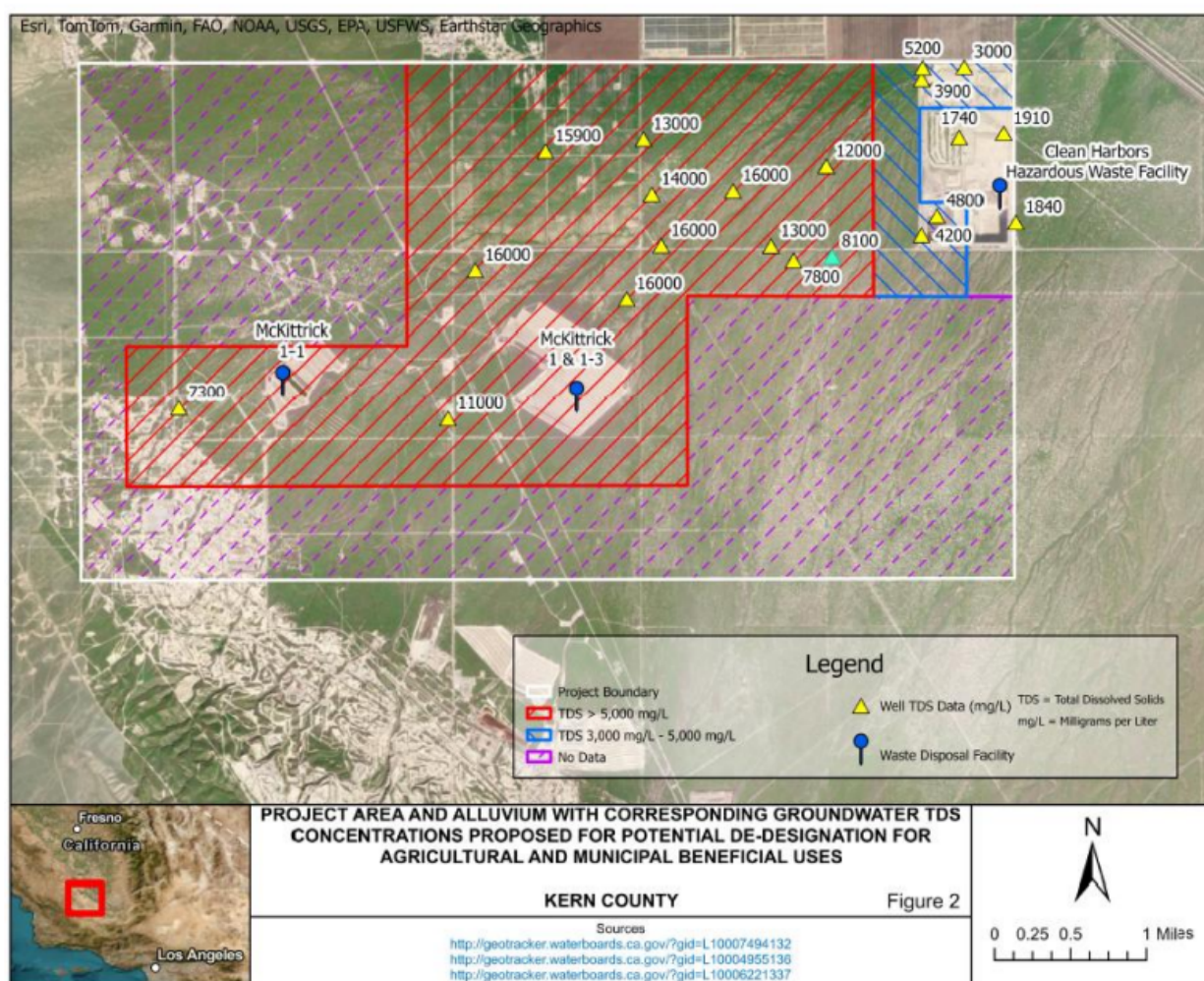
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miles. That TDS threshold meets the criterion for de-designation of the AGR beneficial use in the Basin Plan as polluted groundwater that does not support the AGR beneficial use. No changes will be made to groundwater (including shallow groundwater) outside the Revised Project Zone and that groundwater would retain the AGR designation. Maps showing the Revised Project Zone (alluvial where groundwater meets the 5,000 mg/L TDS threshold) are included in this Staff Report (Figure 2).

8. Figures Section

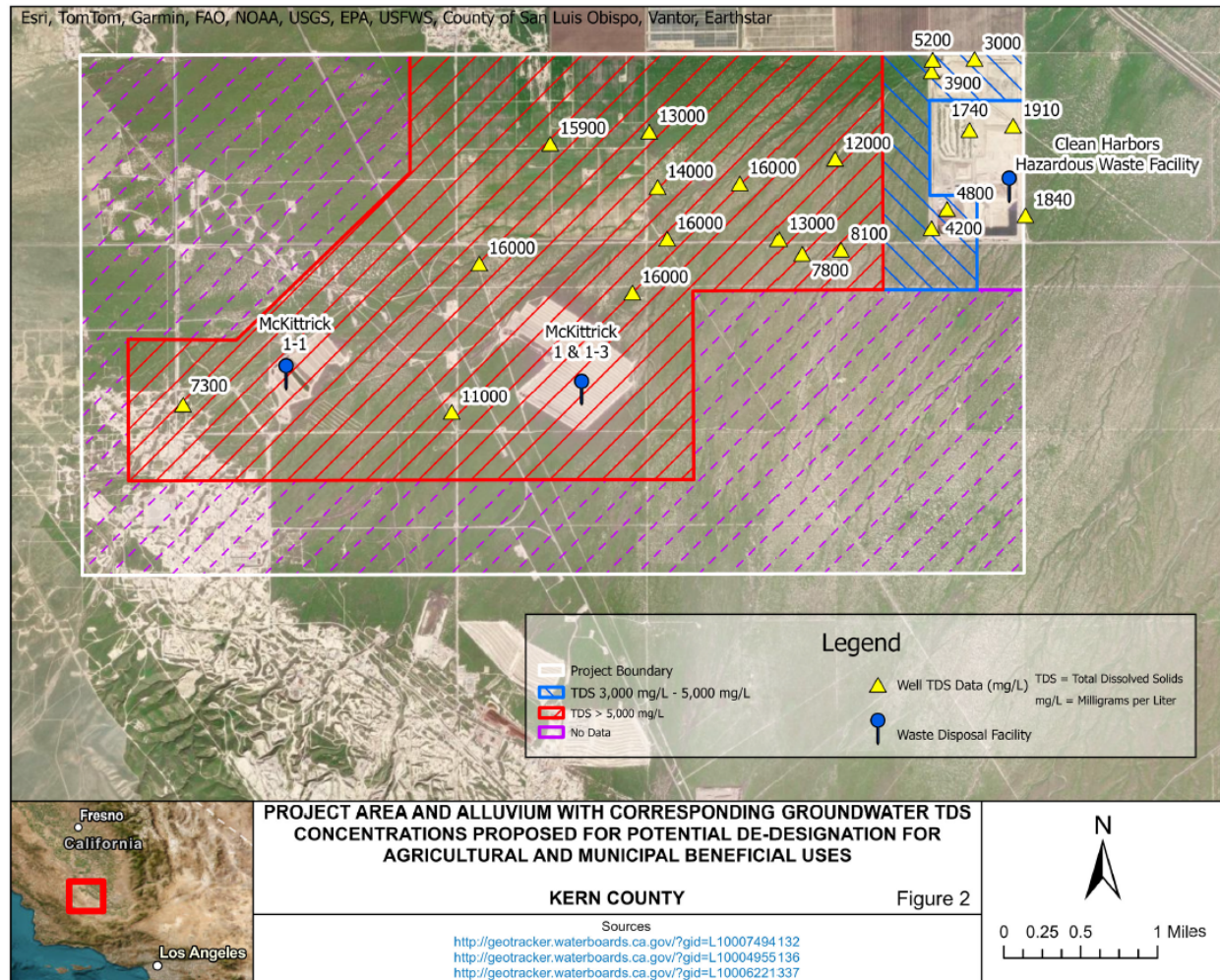
a. Page 63 - Figure 2:

i. Remove the following Figure 2 image located above the caption for Figure 2:



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ii. Add the following Revised Figure 2 image above the caption for Figure 2, in place of the deleted Figure 2 image above:



iii. **Figure 2** caption:

Figure 2. Project Area showing the whole area considered for de-designation (white box), area where alluvium groundwater above the base of the CCE exceeds 5,000 mg/L TDS (red ~~box~~hatched area – Revised Project Area proposed for de-designation for both MUN and AGR beneficial uses), area where alluvium groundwater above the base of the CCE is between 3,000 and 5,000 mg/L (blue ~~box~~hatched area – Revised Project Area proposed for de-designation of only MUN beneficial use), and area where there is no data for groundwater in the alluvium above the base of the CCE (purple ~~box~~hatched area).

B. Appendix D of November 2025 Draft Staff Report

1. Project Information

- a. Pages D-1 to D-2:

Project Location:

REVISED PROJECT ZONE:

The proposed three-dimensional space where it has been determined by Central Valley Water Board staff that de-designation of the existing groundwater beneficial uses of MUN and AGR is appropriate. The Revised Project Zone is composed of Holocene Alluvium, ~~is situated above and~~ the Corcoran Clay Equivalent (CCE), and underlies the Revised Project Area. The Revised Project Area is defined as: the proposed two-dimensional area (depicted in Figure 2 of this Appendix D) where it has been determined by Central Valley Water Board staff that de-designation of the existing groundwater beneficial uses of MUN and AGR is appropriate.

For one portion of this Revised Project Area, as depicted in Figure 2 of this Appendix D, it has been determined by Central Valley Water Board staff that de-designation of the existing groundwater beneficial uses of MUN and AGR is appropriate. This portion is composed of an approximately ~~6.006~~ 6.1-square-mile two-dimensional surface area composed of: the east quarter of Section 13, some of the south half of Section 13, the southeast quarter of Section 23, the east half of the southwest quarter of Section 23, some of the southeast quarter of the northeast quarter of Section 23, the south half and the east quarter and some of the north half of Section 24, the north quarter of Section 25, the north half of the northeast quarter of Section 26, and the northeast quarter of the northwest quarter of Section 26, of T29S/R21E, Mount Diablo Baseline and Meridian (MDBM), and Sections 17, 18, and 19, the west quarter of Section 16, the west and north quarters of Section 20, the northwest quarter of the northwest quarter of Section 21, the northwest quarter of the northwest quarter of Section 29, and the north quarter of Section 30, of T29S/R22E, MDBM.

For the remaining portion of the Revised Project Area, also depicted in Figure 2 of this Appendix D, it has been determined by Central Valley Water Board staff that de-designation of only the existing MUN groundwater beneficial use is ~~also~~ appropriate. This remaining portion of the Revised Project Area is a ~~half~~ 0.5-square-mile two-dimensional area composed of the north half of the northeast quarter of Section 16, the east half of the west half of Section 16, the southwest

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quarter of the southeast quarter of Section 16, the northeast quarter of the northwest quarter of Section 21, and the northwest quarter of the northeast quarter of Section 21, of T29S/R22E, MDBM.

In total, the entire Revised Project Area is 6.6 square miles and encompasses the McKittrick 1-1 and McKittrick 1- and 1-3 Facilities.

The horizontal extent of the Revised Project Area was determined by Central Valley Water Board staff evaluating the available water quality data and information in the Project Area, including comparing groundwater quality data to de-designation criteria thresholds. Therefore, the horizontal area proposed for de-designation of the MUN and AGR beneficial uses is what is supported by the currently available information and data for the entire Project Area.

b. Pages D-4 to D-5:

Description of Project:

REVISED PROJECT AREA:

Depicted in Figure 2 of this Appendix D, the proposed two-dimensional area where it has been determined by Central Valley Water Board staff that de-designation of the existing groundwater beneficial uses of MUN and AGR is appropriate.

ThisFor one portion of this Revised Project Area, as depicted in Figure 2 of this Appendix D, it has been determined by Central Valley Water Board staff that de-designation of the existing groundwater beneficial uses of MUN and AGR is appropriate. This portion is composed of an approximately ~~6.006~~ 6.1-square-mile two-dimensional surface area composed of: the east quarter of Section 13, some of the south half of Section 13, the southeast quarter of Section 23, the east half of the southwest quarter of Section 23, some of the southeast quarter of the northeast quarter of Section 23, the south half and the east quarter and some of the north half of Section 24, the north quarter of Section 25, the north half of the northeast quarter of Section 26, and the northeast quarter of the northwest quarter of Section 26, of T29S/R21E, MDBM, and Sections 17, 18, and 19, the west quarter of Section 16, the west and north quarters of Section 20, the northwest quarter of the northwest quarter of Section 21, the northwest quarter of the northwest quarter of Section 29, and the north quarter of Section 30, of T29S/R22E, MDBM.

For the remaining portion of the Revised Project Area, also depicted in Figure 2 of this Appendix D, it has been determined by Central Valley Water Board staff

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that de-designation of only the existing MUN groundwater beneficial use is ~~also~~ appropriate. This remaining portion of the Revised Project Area is a ~~half~~0.5-square-mile two-dimensional area composed of the north half of the northeast quarter of Section 16, the east half of the west half of Section 16, the southwest quarter of the southeast quarter of Section 16, the northeast quarter of the northwest quarter of Section 21, and the northwest quarter of the northeast quarter of Section 21, of T29S/R22E, MDBM.

The horizontal extent of the Revised Project Area was determined by Central Valley Water Board staff evaluating the available water quality data and information in the Project Area, including comparing groundwater quality data to de-designation criteria thresholds. Therefore, the horizontal area proposed for de-designation of the MUN and AGR beneficial uses is what is supported by the currently available information and data for the entire Project Area

REVISED PROJECT ZONE:

The proposed three-dimensional space where it has been determined by Central Valley Water Board staff that de-designation of the existing groundwater beneficial uses of MUN and AGR is appropriate. The Revised Project Zone is composed of Holocene Alluvium, ~~is situated above~~ and the CCE, and underlies the Revised Project Area.

2. Background

a. Page D-7

The Revised Project Zone is the three-dimensional space underlying the Revised Project Area, which includes the alluvium ~~down to~~ and the Corcoran Clay Equivalent (CCE). The alluvial aquifer is vertically separated from the Tulare Formation ~~beneath the Revised Project Area~~ by the CCE. The Revised Project Zone can be split into two areas: one where de-designation of both MUN and AGR is proposed and a second where only de-designation of MUN is proposed. In the Revised Project Zone area where de-designation of both AGR and MUN is being proposed, TDS concentrations in the alluvium groundwater above the base of the CCE generally exceed 5,000 mg/L TDS. In the area of the Revised Project Zone where only MUN is being proposed for de-designation, the alluvial groundwater above the base of the CCE generally exceeds 3,000 mg/L TDS.

3. Proposed Action

a. Page D-9

Modify Chapter 2 of the Basin Plan, adding a new row to the bottom of Table 2-3, thereby establishing an Exception Area 6 (column 1) with the following Area

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Description (column 2), which shall be applicable to Detailed Analysis Unit (DAU #) #259 (column 3); also Modify Chapter 2 of the Basin Plan by adding 'Figure 2-4, McKittrick Area Oil Fields Beneficial Use Exemption Area' to Chapter 2 of the Basin Plan, after 'Figure 2-3, Tulare Lake Bed Beneficial Use Exemption Area':

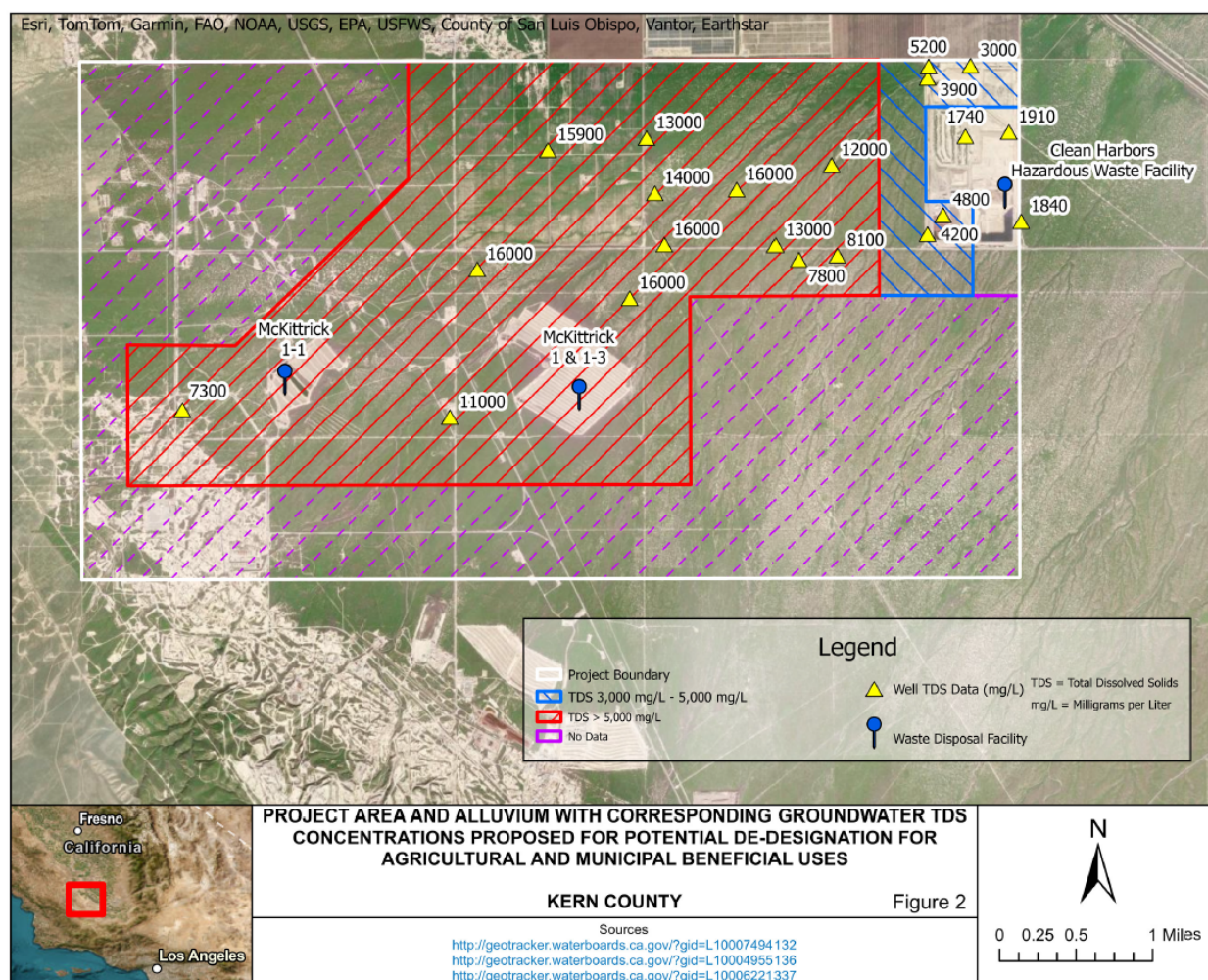
Groundwater contained within the Holocene Alluvium (alluvium) and Corcoran Clay Equivalent (CCE), from ground surface to the base top of the Corcoran Clay Equivalent (CCE), within the approximately ~~6.0~~ 6.1-square-mile two-dimensional surface area horizontal extent detailed in the 'Revised Project Area' as shown in Figure 2-4; the horizontal extent that lies approximately within: composed of: the east quarter of Section 13, some of the south half of Section 13, the southeast quarter of Section 23, the east half of the southwest quarter of Section 23, some of the southeast quarter of the northeast quarter of Section 23, the south half and the east quarter and some of the north half of Section 24, the north quarter of Section 25, the north half of the northeast quarter of Section 26, and the northeast quarter of the northwest quarter of Section 26, of T29S/R21E, Mount Diablo Baseline and Meridian (MDBM)~~MDBM~~, and Sections 17, 18, and 19, the west quarter of Section 16, the west and north quarters of Section 20, the northwest quarter of the northwest quarter of Section 21, the northwest quarter of the northwest quarter of Section 29, and the north quarter of Section 30, of T29S/R22E, MDBM, is not suitable, or potentially suitable, for municipal or domestic supply (MUN) or agricultural supply (AGR), including, but not limited to, AGR applications for irrigation, stock watering and support of vegetation for range grazing.

Additionally, groundwater contained within the alluvium and CCE, from ground surface to the base of the CCE, with the a approximately half ~~0.5-~~ square-mile two-dimensional surface area horizontal extent detailed in the 'Revised Project Area' as shown in Figure 2-4; the horizontal extent that lies approximately within: composed of: the north half of the northeast quarter of Section 16, the east half of the west half of Section 16, the southwest quarter of the southeast quarter of Section 16, the northeast quarter of the northwest quarter of Section 21, and the northwest quarter of the northeast quarter of Section 21, of T29S/R22E, MDBM, is not suitable, or potentially suitable, for municipal or domestic supply (MUN).

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Figure 2-4: McKittrick Area Oil Fields Beneficial Use Exemption Area

Red hashed area is de-designated for municipal or domestic supply (MUN) or agricultural supply (AGR). Blue hashed area is de-designated for municipal or domestic supply (MUN) only.



4. WQO Compliance Point for Proposed Actions

a. Page D-10

The de-designation boundary associated with the two preferred alternatives (MUN Alternative 3 and AGR Alternative 3) is a three-dimensional (3D) space, referred to as the Revised Project Zone, which is the alluvium and CCE underlying specific portions of the Project Area. According to the Draft Staff Report, the thickness of the alluvium is variable. Vertically, the point of compliance at which groundwater is required to be protective of designated beneficial uses is beneath the top base of the CCE layer. The horizontal

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boundaries of the Revised Project Area establish the compliance point outside of which groundwater quality must be protective of designated beneficial uses.

5. Section 9.1.1 Discussion - Hydrology and Water Quality

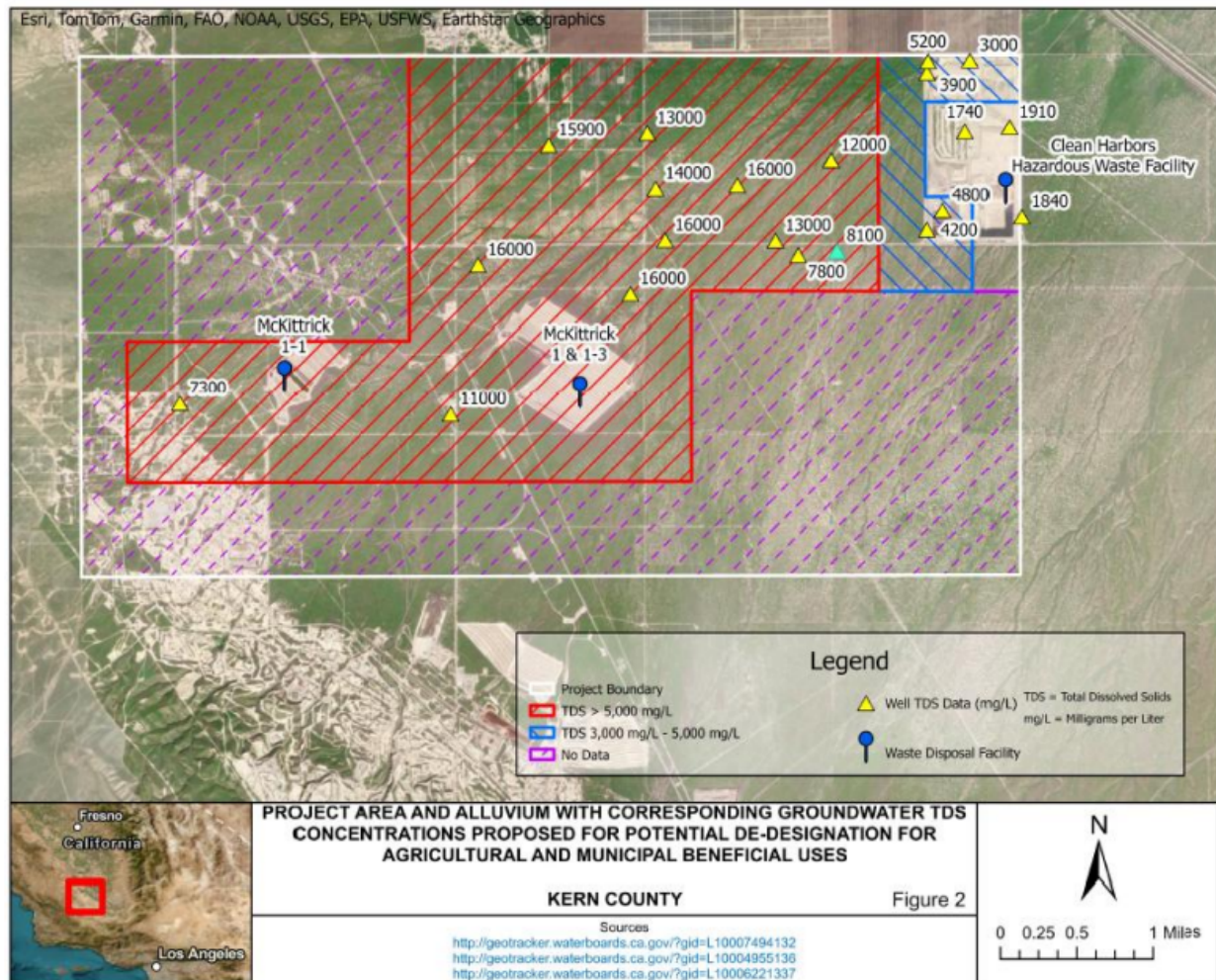
a. Page D-34

Hydrogeologic data show that the alluvial aquifer ~~that comprises within the~~ Revised Project Zone is vertically separated from the underlying Tulare Formation aquifer by the CCE.

6. Figures

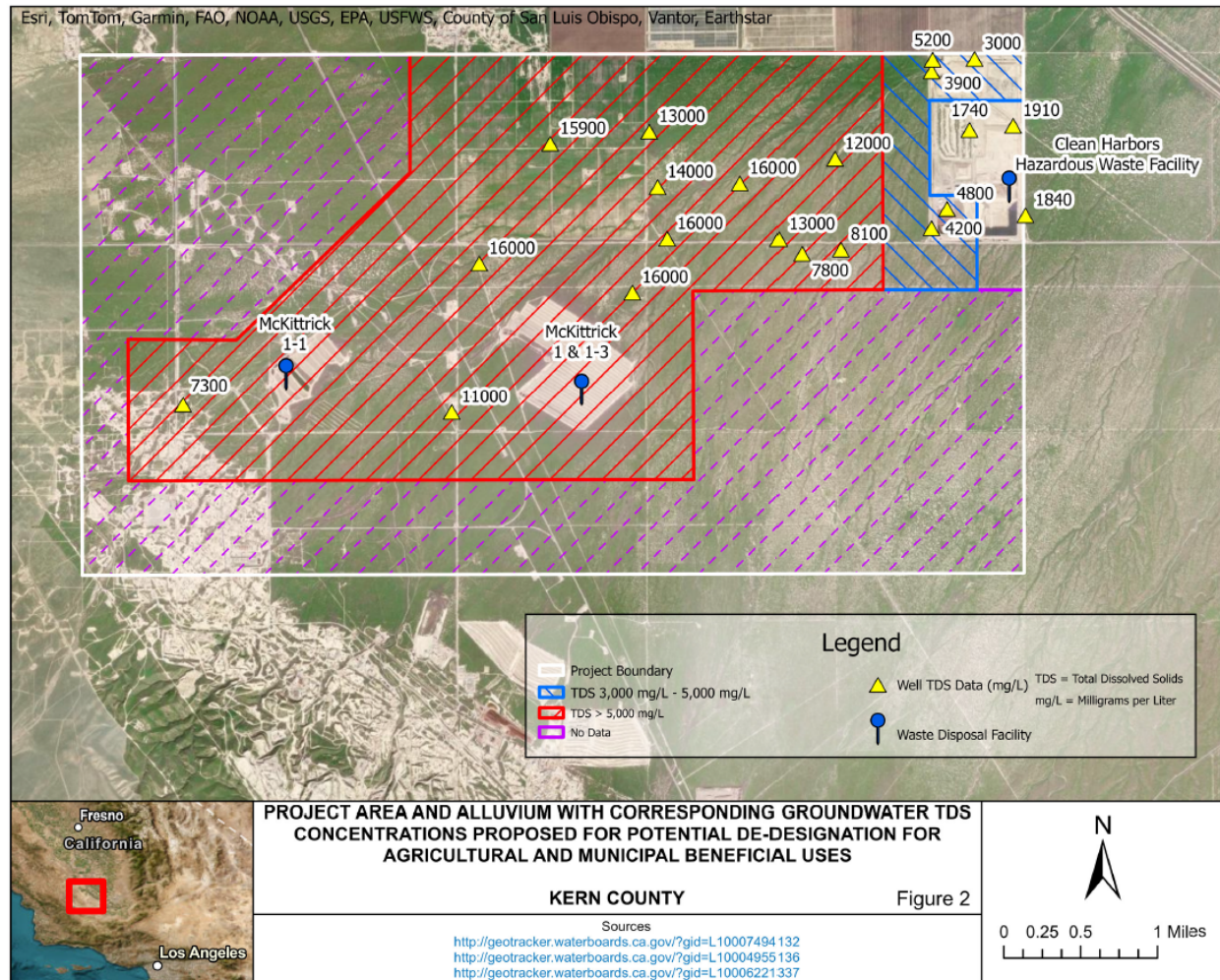
a. Page D-55 – Figure 2

i. Remove the following Figure 2 image located above the caption for Appendix D Figure 2:



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ii. Add the following Revised Figure 2 image above the caption for Appendix D
Figure 2, in place of the deleted Figure 2 image above:



iii. Appendix D **Figure 2** caption:

Figure 2. Project Area showing the whole area considered for de-designation (white box), area where alluvium groundwater above the base of the CCE exceeds 5,000 mg/L TDS (red ~~box~~hatched area – Revised Project Area proposed for de-designation for both MUN and AGR beneficial uses), area where alluvium groundwater above the base of the CCE is between 3,000 and 5,000 mg/L (blue ~~box~~hatched area – Revised Project Area proposed for de-designation of only MUN beneficial use), and area where there is limited or no water quality data for groundwater in the alluvium above the base of the CCE (purple ~~box~~hatched area).

C. Resolution

1. Revisions to WHEREAS, the California Regional Water Quality Control Board, Central Valley Region (Central Valley Water Board) finds the following:

a. Addition to Finding 13:

The horizontal extent of the Project Zone is called the Project Area and is outlined in Figures 1-3 in the Draft Staff Report.

b. Addition to Finding 15:

Additionally, the horizontal boundaries of the Revised Project Zone are called the Revised Project Area and are depicted in Figure 2 of the Draft Staff Report.

c. Addition of the following Finding 41:

41. VWMC approached Central Valley Water Board staff with concerns regarding the horizontal extent of the Revised Project Area and noted that the original Revised Project Area did not fully encompass the McKittrick 1-1 Facility and the associated high TDS discharges from the McKittrick 1-1 Facility. Staff evaluated the request and available data and revised the de-designation area for both MUN and AGR beneficial uses to extend around the McKittrick 1-1 Facility due to the associated high TDS discharge from the McKittrick 1-1 Facility. Figure 2 in the Draft Staff Report and Appendix D was amended to include the revised horizontal extent of the Revised Project Area. Valley Water also expressed concern with the inconsistency of the vertical boundaries in the draft Staff Report between the base and the top the CCE. Staff amended the Revised Project Zone to clarify that the de-designation vertical boundaries are from the ground surface to the base of the CCE.

d. Addition of the following Finding 42:

42. VWMC noted that if additional criteria such as boron concentration or low well yield had been evaluated for the Project Area groundwater, it could have resulted in a larger de-designation area than the current Revised Project Area for the proposed BPA, for both MUN and AGR beneficial uses.

Additional criteria such as boron and low well yield will be considered as appropriate in future Basin Plan Amendments. The proposed future CIPA

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Basin Plan Amendment does propose to utilize boron as well as TDS data for de-designation evaluation. Board staff are supportive of this approach and are working with CIPA to provide the necessary support for inclusion of both constituents when considering de-designation of the MUN and AGR beneficial uses in the proposed future CIPA BPA.

2. Revisions to THEREFORE, BE IT RESOLVED:

a. Addition to Resolution 1:

Pursuant to Water Code section 13240, et seq., the Central Valley Water Board, after considering the entire record, including oral testimony received at the hearing, hereby approves, with the Late Revisions incorporated, the Draft Staff Report and Substitute Environmental Documentation, and adopts the proposed BPA into the Tulare Lake Basin Plan as set forth in Attachment 1.