

Appendix B

Potential Exchange Scenarios and Mechanisms

Potential Cross Valley Contractors Exchange Mechanisms

Exchanges with Arvin-Edison Water Storage District (Arvin-Edison)

Reclamation provides Central Valley Project (CVP) water to the Cross Valley (CV) Contractors at the Delta which is then scheduled for exchange with Arvin-Edison. If capacity is available at the Jones Pumping Plant (CVP facility), the San Luis and Delta-Mendota Water Authority (SLDMWA) conveys the CV Contractors' CVP water supplies to O'Neill Forebay. If capacity is available in State Water Project (SWP) facilities, the California Department of Water Resources (DWR) then wheels the CV Contractors' CVP water in SWP facilities from O'Neill Forebay to either Arvin-Edison's existing direct turnouts off of the California Aqueduct (Aqueduct) or the Cross Valley Canal (CVC) turnout off of the Aqueduct. If the CVC is used, then the Kern County Water Agency (KCWA) conveys the CV Contractor water through the CVC to Arvin-Edison's existing turnout on the CVC. If capacity is available at the Banks Pumping Plant (SWP facility), DWR conveys the CV Contractors' CVP water entirely within SWP facilities to the same points of delivery as described above.

Under either scenario, Arvin-Edison exchanges the Cross Valley Contractors' CVP water for a portion of their CVP water from Millerton Lake. The Friant Water Authority (FWA) then conveys the water to the CV Contractors' existing turnouts off the Friant-Kern Canal (FKC).

Exchange with other Friant Division CVP Contractors

Reclamation provides CVP water to the CV Contractors at the Delta which is then scheduled for exchange with Friant Division Contractor(s). If capacity is available at the Jones Pumping Plant (CVP facility), the SLDMWA conveys the CV Contractors' CVP water supplies to O'Neill Forebay. If capacity is available in SWP facilities, DWR then wheels the CV Contractors' CVP water in SWP facilities from O'Neill Forebay to the CVC turnout off of the Aqueduct. KCWA then conveys the CV Contractors' CVP water through the CVC and the CVC/FKC Intertie into the FKC where it is delivered by the FWA to the Friant Division Contractor involved in the exchange. If capacity is available at the Banks Pumping Plant (SWP facility), DWR conveys the CV Contractors' CVP water entirely within SWP facilities to the same points of delivery as described above.

Under either scenario, Friant Division Contractors exchange the CV Contractors' CVP water for a portion of their CVP water from Millerton Lake. The FWA conveys the water to the CV Contractors' existing turnouts off the FKC.

Exchanges with SWP Contractors

Reclamation provides CVP water to the CV Contractors at the Delta which is then scheduled for exchange with a SWP Contractor if there is capacity in the SWP facilities. Point-of-delivery of the CV Contractors' CVP water to the SWP contractor is in the Delta. DWR conveys the CV Contractors' CVP water through SWP facilities pursuant to Article 55 of the SWP contract for delivery to the SWP contractor.

Under this scenario, the SWP contractor may exchange the CVP Contractors' water for SWP water or for previously banked CVP, SWP, Kern River, Section 215, or abandoned water. For

any of these sources of water, DWR conveys the water through SWP facilities to the CVC turnout off of the Aqueduct. KCWA then wheels the water in the CVC through the CVC/FKC Intertie into the FKC where it is delivered to the CV Contractors by the FWA.

Exchange with Tulare Lake Basin Water Storage District (Tulare Lake Basin)

Reclamation provides CVP water to the CV Contractors at the Delta which is then scheduled for exchange with Tulare Lake Basin (a SWP Contractor) if there is capacity in SWP facilities. Point-of-delivery of the CV Contractors' CVP water to Tulare Lake Basin is in the Delta. DWR conveys the CV Contractors' CVP water through SWP facilities pursuant to Article 55 of the SWP contract for delivery to Tulare Lake Basin from its existing points of diversion off the Aqueduct.

Under this scenario, Tulare Lake Basin provides water from Pine Flat, Kaweah or Success Reservoirs to Friant Division CVP contractors on the same local (non-CVP) system. The Friant Division CVP contractors then provide their CVP water from Millerton to the CV Contractors via the FKC.