

**Table ES-1. Summary of Operations of Action Alternatives**

Action Alternative	Conveyance Route to Friant Division of the CVP	Conveyance Route to CVP SOD Contractors	Conveyance Route to SWP SOD M&I Contractors	Millerton Lake Carryover Storage (TAF)	Temperance Flat Carryover Storage (TAF)	Intake Structure Type <sup>1</sup>
Alternative Plan 1	Friant-Kern/Madera Canals	N/A	San Joaquin River <sup>2</sup>	340 TAF	200 TAF	LLIS
Alternative Plan 2	Friant-Kern/Madera Canals	San Joaquin River <sup>2,3</sup>	San Joaquin River <sup>2</sup>	340 TAF	200 TAF	LLIS
Alternative Plan 3	Friant-Kern/Madera Canals	San Joaquin River <sup>2,3</sup>	Friant-Kern Canal	340 TAF	200 TAF	LLIS
Alternative Plan 4	Friant-Kern/Madera Canals	San Joaquin River <sup>2,3</sup>	San Joaquin River <sup>2</sup>	340 TAF	325 TAF	SLIS
Alternative Plan 5	Friant-Kern/Madera Canals	San Joaquin River <sup>2,3</sup>	N/A	130 TAF <sup>4</sup>	100 TAF	LLIS

## Notes:

<sup>1</sup> SLIS may be used for water temperature management.

<sup>2</sup> Water supply delivered via the San Joaquin River to Mendota Pool could be available for exchange with CVP SOD contractors, CVPIA Level 2 refuge supplies, or San Joaquin River Exchange Contractor supplies.

<sup>3</sup> Alternative Plans 2 through 5 would exchange Temperance Flat RM 274 Reservoir water supply for Level 2 refuges supplies delivered from the Delta, diversifying the CVPIA Level 2 water supply, and freeing up Delta supplies to be delivered to CVP SOD contractors.

<sup>4</sup> Millerton Lake would be operated with a preference for maintaining minimum storage at 340 TAF (when Temperance Flat is not full), but allows for Millerton Lake to be drawn down to 130 TAF when needed for water supply delivery.

## Key:

CVP = Central Valley Project

CVPIA = Central Valley Project Improvement Act

Delta = Sacramento-San Joaquin Delta

LLIS = low-level intake structure

M&I = municipal and industrial

N/A = not applicable

RM = river mile

SLIS = selective-level intake structure

SOD = South-of-Delta

SWP = State Water Project

TAF = thousand acre-feet

**Alternative Plan 1**

Alternative Plan 1 would provide new water supplies to the Friant Division and SWP SOD M&I contractors. New supplies to SWP SOD M&I contractors would be delivered via the San Joaquin River and exchanged for Delta supplies at Mendota Pool, where an equivalent amount of Delta water could be delivered to SWP SOD M&I contractors via the California Aqueduct. Alternative Plan 1 would include a 200 TAF minimum carryover storage target in Temperance Flat RM 274 Reservoir. Millerton Lake would maintain a 340 TAF minimum carryover storage target, with a preference to store water in Temperance Flat RM 274 Reservoir before increasing Millerton Lake storage above the target.

Alternative Plan 1 would include a fixed, low level intake structure (LLIS) on Temperance Flat RM 274 Reservoir. The LLIS would be an inclined reinforced-concrete structure, located approximately 7,200 feet upstream from the dam and adjacent to and upstream from the outlet works entrance. The LLIS would consist of two, low-level fixed-wheel gates sized