

**Eastern San Joaquin Groundwater Sustainability Plan  
'Living' List of Projects and Management Actions**

Category A Projects (Previously listed in 2022 Revised GSP)						
Project	Submitting GSA	Project Type	Water Source	Baseline Water Year Type	Annual Volume (AFY)	Notes
1. Lake Grupe Phase II	Stockton East Water District	In-Lieu Recharge	The surface water source of this project is from SEWD's existing contract with the U.S. Bureau of Reclamation (USBR) for the New Hogan Reservoir. Surface water is diverted from the Calaveras River. This is an existing surface water right.	Drought	2,000	Range of 0-2,000 AFY in multiple dry years
				Dry	4,900	
				Normal	4,900	
				Wet	4,900	
2. Surface Water Implementation Expansion	Stockton East Water District	In Lieu Recharge	This project relies on water from New Hogan Reservoir (Calaveras River water) and New Melones Reservoir (Stanislaus River water). This is an existing surface water right. SEWD has long-term water supply contracts with USBR for both New Hogan Reservoir and New Melones Reservoir.	Drought	4,000	Range of 0-4,000 AFY in multiple drought years
				Dry	8,000	
				Normal	19,000	
				Wet	19,000	
3. West Groundwater Recharge Basin	Stockton East Water District	Direct Recharge	This project relies on water from New Hogan Reservoir (Calaveras River water) and New Melones Reservoir (Stanislaus River water). This is an existing surface water right. SEWD has long-term water supply contracts with USBR for both New Hogan Reservoir and New Melones Reservoir. In addition to Calaveras River and Stanislaus River water, stormwater runoff will also contribute to the volume of water	Drought	1,500	
				Dry	4,000	
				Normal	16,000	
				Wet	16,000	
4. CSJWCD Capital Improvement Program	Central San Joaquin Water Conservation District	In-Lieu Recharge	This project relies on water from New Melones Reservoir. This is an existing surface water right. CSJWCD has long-term water supply contracts with USBR for the New Melones Unit Central Valley Project.	Drought	0	
				Dry	12,000	
				Normal	24,000	
				Wet	24,000	
5. Long-Term Water Transfer to SEWD and CSJWCD	South San Joaquin GSA	Transfers/In-Lieu Recharge	This project relies on water from New Melones Reservoir (Stanislaus River water). This is an existing surface water right (pre-1914) held by Oakdale Irrigation District (OID) and South San Joaquin Irrigation District (SSJID).	Drought	20,000	This project currently only covers the transfer of water from OID and SSJID to SEWD urban customers.
				Dry	5,000	
				Normal	0	
				Wet	0	
6. White Slough Pollution Control Facility Expansion	City of Lodi	Recycled Water/In-Lieu Recharge	Treated wastewater effluent from White Slough Water Pollution Control Facility.	Drought	3,729	
				Dry	3,729	
				Normal	3,729	
				Wet	3,729	
7. NSJWCD South System Modernization - Phase 4	North San Joaquin Water Conservation District	In-Lieu Recharge/Direct Recharge	This project relies on water from the Mokelumne River. This is an existing water right held by NSJWCD (Permit 10477).	Drought	0	2,000 - 3,000 AF in wet in normal years
				Dry	0	
				Normal	2,000	
				Wet	3,000	
8. Tecklenburg Recharge Project	North San Joaquin Water Conservation District	Direct Recharge	This project relies on water from the Mokelumne River. This is an existing surface water right held by NSJWCD (Permit 10477).	Drought	0	
				Dry	300	
				Normal	1,000	
				Wet	2,000	
9. NSJWCD South System Groundwater Banking with EBMUD	North San Joaquin Water Conservation District	In-Lieu Recharge	This project relies on water from the Mokelumne River. This is an existing water right held by East Bay Municipal Utility District (EBMUD) (Permit 10478) as per Protest Dismissal Agreement from 11/25/2014.	Drought	0	80% of wet year supply
				Dry	1,500	
				Normal	6,400	
				Wet	8,000	
10. NSJWCD North System Modernization/Lakso Recharge	North San Joaquin Water Conservation District	In-Lieu Recharge/Direct Recharge	This project relies on water from the Mokelumne River. This is an existing surface water right held by NSJWCD (Permit 10477).	Drought	0	
				Dry	1,000	
				Normal	3,200	
				Wet	4,000	
11. Delta Water Treatment Plant Groundwater Recharge Improvements Project Geotechnical Investigation	City of Stockton	Direct Recharge	This project relies on raw water from the Delta Water Treatment Plant.	Drought	5,040	
				Dry	5,040	
				Normal	5,040	
				Wet	5,040	
Category B Projects (Previously listed in 2022 Revised GSP)						
Project Name	Project Type	Submitting GSA	Current Status	Time-table (initiation and completion)	Annual Volume (AFY)	Notes
Perfecting Mokelumne River Water Right	In-lieu Recharge	San Joaquin County	Planning phase	2022-2025	20,000 to 50,000	
City of Manteca Metering Infrastructure	Conservation/Other	City of Manteca	Currently underway	Not determined	Not determined	
City of Lodi Surface Water Facility Expansion & Delivery Pipeline	In-lieu Recharge	City of Lodi	Planning phase	2030-2033	4,750	
BNSF Railway Company Intermodal Facility Recharge Pond	Direct Recharge	CSJWCD	Planning phase	2020-2023	1,000	
City of Stockton Advanced Metering Infrastructure	Conservation	City of Stockton	Initial study completed in 2011	2020/25-2025/28	2,000	
Manaserro Recharge Project	Direct Recharge	NSJWCD	Planning phase	2019-2022*	8,000	
City of Escalon Wastewater Reuse	Recycling/ In-lieu Recharge/ Transfers	SSJ GSA	Planning phase	2020-2028	672	
City of Ripon Surface Water Supply	In-lieu Recharge	SSJ GSA	Design complete; environmental permitting underway	2020-2024	6,000	
City of Escalon Connection to Nick DeGroot Water Treatment Plant	In-lieu Recharge	SSJ GSA	Conceptual design phase; environmental review complete	2020-2023	2,015	
Farmington Dam Repurpose Project	Direct Recharge/ Other (water supply)	SEWD	Planning/initial study phase	2030-2050	15,500-60,000	
Recycled Water Transfer to Agriculture	Recycling/Transfers/ In-lieu Recharge	City of Manteca	Planning phase with evaluation completed in Draft Reclaimed Water Facilities Master Plan	Not determined	5,193	
Mobilizing Recharge Opportunities	Direct Recharge	San Joaquin County	Early conceptual planning phase	Not determined	Not determined	
NSJWCD Winery Recycled Water	Recycling/ In-Lieu Recharge/ Direct Recharge	NSJWCD	Conceptual planning and discussion	2025-2027	750	
Pressurization of SSJID Facilities	Conservation	SSJ GSA	Feasibility study complete	2019-2030	30,000	
SSJID Storm Water Reuse	Storm Water/ In-lieu Recharge/ Direct Recharge	SSJ GSA	Planning phase	2027-2030	1,100	

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<b>New GSP Projects Received 2022 (For inclusion in the 5-year update)</b>						
Project Name	Project Type	Submitting GSA	Current Status	Time-table (initiation and completion)	Annual Volume (AFY)	Notes
North System Groundwater Recharge Project - Phase 2	Direct Recharge/ In-Lieu Recharge	NSJWCD	Preliminary design phase	2026-2029	1,000 - 3,000	
Threfall Ranch Reservoir, In-Lieu and Direct Recharge Project	Direct Recharge/ In-Lieu Recharge/ Stormwater	ESJ GSA	Final Design Complete	Not determined	2,000	
Wallace-Burson Conjunctive Use Program	Direct Recharge	ESJ GSA	Conceptual phase	Not determined	500-3,000	
Calaveras River Wholesale Water Service Expansion	In-Lieu Recharge	ESJ GSA	Conceptual phase	Not determined	200-600	
Recycled Water to Manteca Golf Course	In-Lieu Recharge/ Recycling/ Other/	City of Manteca	Preliminary Design	Not determined	1,023	
Stormwater Collection, Treatment, and Infiltration	Direct Recharge/ Stormwater	City of Manteca	Planning/initial study phase	Not determined	Not determined	
Off-Stream Regulating Reservoir	Direct Recharge	SEWD	Conceptual phase	Not determined	Not determined	
On-Farm Recharge Project	Direct Recharge	SEWD	Planning/initial study phase	Not determined	Not determined	
Sitkins Crossing Replacment	Direct Recharge	SEWD	Planning/initial study phase	Not determined	Not determined	
Stockton Terminal and Eastern RR Pipeline	In-Lieu Recharge	SEWD	Planning/initial study phase	Not determined	Not determined	
Bellota Weir Modifications Project	Direct Recharge/ Stormwater	SEWD	Final Design Complete	2023-2028	Not determined	
City of Stockton DWTP Groundwater Recharge Design and Construction	Direct Recharge	City of Stockton	Design & Construction	Not determined	5,000	
Advanced Metering Infrastructure	Conservation	City of Stockton	Implementation	Not determined	2,000	