

**Yolo Subbasin Groundwater Agency
2022 Groundwater Sustainability Plan**
Yolo County, CA

**Appendix J
Table of Projects and Management Actions**

Appendix J. Proposed List of Projects and Management Actions - Yolo Subbasin

Project/MA Number	MA Name	Circumstance for Implementation	Public Noticing Process	Permitting and Regulatory Process Requirements	Implementing YSGA Member Agency	Status	Timetable / Circumstances for Initiation	Timetable for Completion	Timetable for Accrual of Expected Benefits	Expected Benefits				Source(s) of Water, if Applicable	Legal Authority Required	Disadvantaged Community?	Management Area	Estimated Costs		
										Primary		Secondary						One-time Costs	Ongoing Costs (per year)	Potential Funding Source(s)
										Water Supply Augmentation	Water Demand Reduction	Water Quality Improvement	Water Management Feasibility / Efficiency							
MA 1	Continued and Improved Groundwater Monitoring Program	Ongoing	YSGA Board Meetings & Website	N/A	YSGA, Member Agencies	Ongoing	Ongoing	Continuous	2022	N/A	N/A			N/A	N/A	Yes	Yolo Subbasin	TBD	TBD	TBD
MA 2	Continue coordination efforts with other management and monitoring entities	Ongoing	YSGA Board Meetings & Website	N/A	YSGA, Member Agencies	Ongoing	Ongoing	Continuous	2022	N/A	N/A			N/A	N/A	Yes	Yolo Subbasin	TBD	TBD	TBD
MA 3	Subsidence Monitoring Program	Ongoing	YSGA Board Meetings & Website	N/A	YSGA, Member Agencies	Ongoing	Ongoing	Continuous	Ongoing	N/A	N/A			N/A	N/A	Yes	Yolo Subbasin	TBD	TBD	TBD
MA 4	Preparedness through Increased Groundwater Recharge and Managed Aquifer Recharge Projects	Ongoing	YSGA Board Meetings & Website	Project Specific	YSGA, Member Agencies	Ongoing	Ongoing	Continuous	Ongoing	TBD	N/A		•	Project Dependent	Project Dependent	Yes	Yolo Subbasin	TBD	TBD	TBD
MA 5	Conjunctive Water Use Program	Ongoing	YSGA Board Meetings & Website	Project Specific	YSGA, Member Agencies	Ongoing	Ongoing	Continuous	Ongoing	N/A	TBD		•	Project Dependent	N/A	Yes	Yolo Subbasin	TBD	TBD	TBD
MA 6	Increased outreach and information sharing of groundwater resources and knowledge within the Yolo Subbasin.	Upon adoption of Yolo GSP	YSGA Board Meeting & Website	N/A	YSGA, Member Agencies	Ongoing	2022-2027	Continuous	Continuous	N/A	N/A		•	N/A	N/A	Yes	Yolo Subbasin	TBD	TBD	TBD
MA 7	Domestic Well Impact Mitigation Program	Upon adoption of Yolo GSP	YSGA Board Meeting & Website	Project Specific	YSGA, Member Agencies	Not yet started	2022-2027	2027	Drought period following project implementation	N/A	N/A			N/A	N/A	Yes	Yolo Subbasin	TBD	TBD	TBD
MA 8	Surface Water Monitoring Program	Ongoing	YSGA Board Meetings & Website	N/A	YSGA, Member Agencies	Ongoing	Ongoing	Continuous	Continuous	N/A	N/A			N/A	N/A	No	Yolo Subbasin	TBD	TBD	TBD
MA 9	Management Consideration of Grey Areas in the Yolo Subbasin	Upon adoption of Yolo GSP	YSGA Board Meeting & Website	N/A	YSGA	Not yet started	Upon adoption of the Yolo GSP	Continuous	Continuous	N/A	N/A			N/A	N/A	Yes	Yolo Subbasin	TBD	TBD	TBD
MA 10	Coordination Efforts with Land Use Planning Entities	Upon adoption of Yolo GSP	YSGA Board Meetings & Website	N/A	YSGA, Member Agencies	Not yet started	Upon adoption of the Yolo GSP	Continuous	Continuous	N/A	N/A			N/A	N/A	Yes	Yolo Subbasin	TBD	TBD	TBD
MA 11	Continued Investigation of subsurface geology and aquifer properties in the Yolo Subbasin	Upon adoption of Yolo GSP	YSGA Board Meetings & Website	N/A	YSGA	Not yet started	Upon adoption of the Yolo GSP	Continuous	Continuous	N/A	N/A			N/A	N/A	Yes	Yolo Subbasin	TBD	TBD	TBD
MA 12	Coordinated Response to Minimum Threshold Exceedances	Upon adoption of Yolo GSP	YSGA Board Meeting & Website	Site and Project Dependent	YSGA, Yolo County, Member Agencies	Not yet started	Upon adoption of the Yolo GSP	Continuous	Continuous	N/A	N/A			N/A	N/A	Yes	Yolo Subbasin	TBD	TBD	TBD
P 1	Identification of Locations Vulnerable to Damage from Subsidence - Catalog of Infrastructure Damage Reports	Upon completion of feasibility analysis.	YSGA Board Meetings & Website	N/A	YSGA, Member Agencies	Not yet started	2022	2027	Immediately following project completion	N/A	N/A			N/A	N/A	Yes	Yolo Subbasin	TBD	TBD	TBD
P 2	Groundwater Model Enhancement Program/YSGA Model Improvements	Upon adoption of Yolo GSP	YSGA Board Meetings & Website	N/A	YSGA, Member Agencies	Ongoing	Ongoing	Continuous	Immediately following project completion	N/A	N/A			N/A	N/A	Yes	Yolo Subbasin	TBD	TBD	TBD
P 3	Water Resources Information Database Project	Upon adoption of Yolo GSP	YSGA Board Meetings & Website	N/A	YSGA, Member Agencies	Ongoing	Ongoing	Continuous	Continuous	N/A	N/A			N/A	N/A	Yes	Yolo Subbasin	TBD	TBD	TBD
P 4	Topographic Mapping (LIDAR Project)	Upon adoption of Yolo GSP	YSGA Board Meetings & Website	N/A	YSGA	Not yet started	Upon adoption of the Yolo GSP	TBD	Immediately following project completion	N/A	N/A			N/A	N/A	Yes	Yolo Subbasin	TBD	TBD	YSGA/Yolo County
P 5	Additional monitoring wells along ephemeral streams, interconnected surface water bodies, and near GDEs.	Upon completion of feasibility and permitting requirements	YSGA Board Meeting & Website	Project Specific	YSGA, Member Agencies	Not yet started	2022-2027	Continuous	Immediately following project completion	N/A	N/A			N/A	N/A	No	Yolo Subbasin	TBD	TBD	TBD
P 6	Vegetative and aquatic surveys in related to groundwater dependent ecosystems	Upon completion of feasibility and permitting requirements	YSGA Board Meeting & Website	Project Specific	YSGA, Member Agencies	Not yet started	2022-2027	Continuous	Immediately following project completion	N/A	N/A			N/A	N/A	No	Yolo Subbasin	TBD	TBD	TBD
P 7	AEM Flights to improve subsurface geology data	Upon completion of feasibility analysis.	YSGA Board Meeting & Website	N/A	YSGA	Not yet started	TBD	TBD	Immediately following project completion	N/A	N/A			N/A	N/A	Yes	Yolo Subbasin	TBD	TBD	TBD

Project/MA Number	MA Name	Circumstance for Implementation	Public Noticing Process	Permitting and Regulatory Process Requirements	Implementing YSGA Member Agency	Status	Timetable / Circumstances for Initiation	Timetable for Completion	Timetable for Accrual of Expected Benefits	Expected Benefits				Source(s) of Water, if Applicable	Legal Authority Required	Disadvantaged Community?	Management Area	Estimated Costs		
										Primary		Secondary						One-time Costs	Ongoing Costs (per year)	Potential Funding Source(s)
										Water Supply Augmentation	Water Demand Reduction	Water Quality Improvement	Water Management Feasibility / Efficiency							
P 8	Abandoned Well Incentive Program	Upon completion of feasibility and permitting requirements	YSGA Board Meeting & Website	Project Specific	YSGA	Ongoing	Ongoing	Continuous	Continuous	N/A	N/A	•	N/A	N/A	Yes	Yolo Subbasin	TBD	TBD	TBD	
P 9	Modernization Project: Integrated Precision Water Management	Ongoing	YSGA Board Meeting & Website	Project Specific	YCFCWCD	Ongoing	Ongoing	Continuous	Upon project completion	N/A	N/A	•	N/A	N/A	No	Yolo Subbasin	TBD	TBD	YCFCWCD	
P 10	Exchanges between CVP or SWP system and Cache Creek System	Upon completion of feasibility and permitting requirements	YSGA Board Meeting & Website	Project Specific	YSGA	Not yet started	TBD	Continuous	Continuous	TBD	N/A	•	Sites Reservoir, CVP, and SWP	TBD	Yes	Yolo Subbasin	TBD	TBD	TBD	
P 11	Flood Monitoring Network Project	Ongoing	YSGA Board Meeting & Website	N/A	YCFCWCD	Ongoing	Ongoing	Ongoing	Upon project completion	N/A	N/A		N/A	N/A	Yes	Yolo Subbasin	TBD	TBD	TBD	
P 12	Yolo County Drains and Sloughs - Governance and Maintenance Study	Ongoing	YSGA Board Meeting & Website	N/A	Yolo County	Ongoing	Ongoing	Ongoing	Upon project completion	N/A	N/A		N/A	N/A	Yes	Yolo Subbasin	\$150,000	TBD	TBD	
P 13	Zamora area winter recharge from Cache Creek via China Slough	Upon completion of feasibility and permitting requirements	YSGA Board Meetings & Website	TBD	YCFCWCD	Not yet started	Dependent on feasibility analysis	TBD	Wet year following project completion	2,000 AF/year	N/A		Cache Creek	TBD	Yes	North Yolo	\$1,172,160	TBD	ARP, DWR, SWRCB, YCFCWCD	
P 14	Dunnigan Hills Winter Runoff Capture for Recharge	Upon completion of feasibility and permitting requirements	YSGA Board Meetings & Website	TBD	YCFCWCD	Not yet started	Dependent on feasibility analysis	TBD	Wet year following project completion	TBD	N/A		Dunnigan Hills runoff	TBD	Yes	North Yolo	TBD	TBD	TBD	
P 15	Winter Diversions from Tehama-Colusa Canal	Upon completion of feasibility and permitting requirements	YSGA Board Meetings & Website	TBD	YCFCWCD	Not yet started	Dependent on feasibility analysis	TBD	Wet year following project completion	TBD	N/A		Tehama Colusa Canal	TBD	Yes	North Yolo	TBD	TBD	TBD	
P 16	Bird Creek surface water storage	Upon completion of feasibility and permitting requirements	YSGA Board Meetings & Website	TBD	DWD/RD 108/YSGA	Not yet started	Dependent on feasibility analysis	TBD	After completion of project	160TAF Total Storage	N/A		Bird Creek, Dunnigan Hills watershed	TBD	Yes	North Yolo	TBD	TBD	TBD	
P 17	Bird Creek, Oat Creek, Buckeye Creek, 2047 Canal groundwater recharge infrastructure improvements	Upon completion of feasibility and permitting requirements	YSGA Board Meetings & Website	TBD	DWD/RD 108/YSGA	Not yet started	Dependent on feasibility analysis	TBD	Wet year following project completion	TBD	N/A		Bird Creek, Oat Creek, Buckeye Creek	TBD	Yes	North Yolo	TBD	TBD	TBD	
P 18	Hardwood Subdivision Recharge	Upon completion of feasibility and permitting requirements	YSGA Board Meetings & Website	TBD	DWD/RD 108/YSGA	Not yet started	Dependent on feasibility analysis	TBD	After completion of project	TBD	N/A		Local runoff	TBD	Yes	North Yolo	TBD	TBD	DOT, DWR, NRCS	
P 19	Schaad Ranch/Buckeye Creek Recharge	Upon completion of feasibility and permitting requirements	YSGA Board Meetings & Website	TBD	DWD/RD 108/YSGA	Not yet started	Dependent on feasibility analysis	TBD	After completion of project	TBD	N/A		Buckeye Creek/	TBD	Yes	North Yolo	TBD	TBD	TBD	
P 20	Trickle flow to ephemeral streams	Upon completion of feasibility and permitting requirements	YSGA Board Meetings & Website	TBD	RD 108	Not yet started	Upon completion of feasibility analysis	TBD	Wet year following project completion	TBD	N/A	•	Tehama Colusa Canal	TBD	Yes	North Yolo	~\$8,000	\$16 - \$100 per Acre-foot	RD 108	
P 21	Extension of Tehama Colusa Canal	Upon completion of feasibility and permitting requirements	YSGA Board Meetings & Website	TBD	YSGA, DWD, RD 108	Not yet started	Upon completion of feasibility and permitting requirements	TBD	Wet year following project completion	TBD	N/A	•	Tehama Colusa Canal	TBD	Yes	North Yolo	TBD	TBD	TBD	
P 22	Conjunctive Use/groundwater recharge/surface water delivery extension to the area around Zamora (Placeholder for WGIM)	Upon completion of feasibility and permitting requirements	YSGA Board Meetings & Website	TBD	YSGA, DWD	Not yet started	Upon completion of feasibility and permitting requirements	TBD	Wet year following project completion	TBD	N/A	•	2047, 215, Sites Reservoir, excess winter flows	TBD	Yes	North Yolo	TBD	TBD	TBD	
P 23	Additional Extensometers in North Yolo MA	Upon completion of feasibility and permitting requirements	YSGA Board Meetings & Website	TBD	DWD/RD 108/YSGA	Not yet started	Upon identification of funding sources.	TBD	After completion of project	N/A	N/A		N/A	TBD	Yes	North Yolo	~\$1,000,000 per Extensometer	\$20-40k per year	TBD	
P 24	Add real time static level monitoring equipment to Washington Street well in Yolo	Ongoing	YSGA Board Meetings & Website	Completed	YCFCWCD/Cache ville CSD	Not yet started	Upon GSP Adoption	2023	2023	N/A	N/A		N/A	TBD	Yes	North Yolo	~ \$3,500	\$500	Yolo County, CSA	
P 25	Add real time static level monitoring equipment to Ridgecut well in Knights Landing	Ongoing	YSGA Board Meetings & Website	Completed	YCFCWCD/KLCS D	Not yet started	Upon GSP Adoption	2023	2023	N/A	N/A		N/A	TBD	Yes	North Yolo	~ \$3,500	\$500	Yolo County, KLCSA	
P 26	Sites West Sac, Valley Water Filtration System	Upon completion of feasibility and permitting requirements	YSGA Board Meetings & Website	TBD	YSGA	Not yet started	Upon completion of feasibility analysis	2030	2030	25,000 AF	N/A		Sites Reservoir	TBD	Yes	TBD	\$400,000,000	TBD	Federal Infrastructure Funding	
P 27	Sutter Buttes and Willows Fault Arsenic and Saltwater Study	Upon completion of feasibility and permitting requirements	YSGA Board Meetings & Website	N/A	YSGA	Not yet started	Upon GSP Adoption	TBD	Immediately after completion	N/A	N/A	•	N/A	TBD	Yes	TBD	\$1,000,000	TBD	DWR	

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										Primary		Secondary						One-time Costs	Ongoing Costs (per year)	Potential Funding Source(s)
										Water Supply Augmentation	Water Demand Reduction	Water Quality Improvement	Water Management Feasibility / Efficiency							
P 28	Forbes Ranch Regulating Pond	Upon completion of feasibility and permitting requirements	YSGA Board Meetings and Website	TBD	YCFCWCD	Not yet started	TBD	TBD	Irrigation season after project completion	TBD	N/A			Cache Creek/stormwater	TBD	No	Central Yolo	\$700,000	\$50,000	YCFCWCD
P 29	West Adams Canal Renovation and China Slough Rehabilitation.	Upon completion of feasibility and permitting requirements	YSGA Board Meetings and Website	TBD	YCFCWCD	Not yet started	TBD	TBD	Wet year following project completion	TBD	10,000 AF average annual reduction in GW demand		•	Cache Creek via District Canals	TBD	No	Central Yolo	\$15,671,929	Unknown	YCFCWCD
P 30	Diaz in-line reservoir	Upon completion of feasibility and permitting requirements	YSGA Board Meetings and Website	TBD	YCFCWCD	Not yet started	TBD	TBD	Irrigation season after project completion	TBD	N/A		•	Clover Canal	TBD	No	Central Yolo	TBD	TBD	TBD
P 31	Magnolia Canal Loss Reduction and Extension Project	Upon completion of feasibility and permitting requirements	YSGA Board Meetings and Website	TBD	YCFCWCD/Teichert	Undergoing pre-feasibility analysis	TBD	TBD	Irrigation season after project completion	200 - 800 AF	N/A		•	Magnolia Canal	TBD	No	Central Yolo	1.95 - 2.35 MM	TBD	Teichert
P 32	Demand Delivery on Yolo Central and Pleasant Prairie Canals	Upon completion of feasibility and permitting requirements	YSGA Board Meetings and Website	TBD	YCFCWCD	Undergoing pre-feasibility analysis	TBD	TBD	Irrigation season after project completion	TBD	N/A		•	Yolo Central and Pleasant Prairie	TBD	No	Central Yolo	TBD	TBD	TBD
P 33	North of Winters multi-use, stormwater, and water storage pond, 'Winters North Area Stormwater Pond'	Upon completion of feasibility and permitting requirements	YSGA Board Meetings and Website	TBD	YCFCWCD/City of Winters	Not yet started	TBD	TBD	Wet year following project completion	TBD	TBD	•	•	Cache Creek, Winters Canal	TBD	No	Central Yolo	TBD	TBD	TBD
P 34	West Winters Aquifer Storage and Recovery well field	Upon completion of feasibility and permitting requirements	YSGA Board Meetings and Website	TBD	City of Winters	Not yet started	TBD	TBD	TBD	TBD	TBD		•	Putah Creek	TBD	No	Central Yolo	TBD	TBD	TBD
P 35	Development of Surface Water Source for the City of Winters	Upon completion of feasibility and permitting requirements	YSGA Board Meetings and Website	TBD	City of Winters	Not yet started	TBD	TBD	TBD	TBD	TBD	•	•	Putah Creek	TBD	No	Central Yolo	TBD	TBD	TBD
P 36	City of Davis - Aquifer Storage and Recovery (ASR)	Ongoing	YSGA Board Meetings and Website	TBD	City of Davis	Pilot testing underway	Ongoing	Ongoing	Ongoing	TBD	N/A		•	Sac River	TBD	Yes	Central Yolo	TBD	TBD	TBD
P 37	Upstream Flow Management to Prevent Madison Flooding and to Facilitate GW Recharge	Upon completion of feasibility and permitting requirements	YSGA Board Meetings and Website	TBD	YCFCWCD/Madison CSD	Not yet started	TBD	TBD	Wet year following project completion	TBD	N/A	•		Lamb Valley, Cottonwood, S. Fork Willow Slough	TBD	No	Central Yolo	TBD	TBD	TBD
P 38	Madison Farmer Field Stormwater Capture and Groundwater Recharge	Upon completion of feasibility and permitting requirements	YSGA Board Meetings and Website	TBD	Madison CSD	Undergoing pre-feasibility analysis	TBD	TBD	Wet year following project completion	TBD	N/A			Runoff	TBD	No	Central Yolo	\$100,000 - \$400,000	TBD	TBD
P 39	City of Davis -Site Survey for Hardscape Conversion to Pervious Pavement	Upon completion of feasibility and permitting requirements	YSGA Board Meetings and Website	TBD	Davis	Not yet started	TBD	TBD	Immediately after completion	TBD	N/A			Precipitation	TBD	Yes	Central Yolo	\$40,000	\$0	City of Davis
P 40	City of Davis - West Area Pond Redesign	Upon completion of feasibility and permitting requirements	YSGA Board Meetings and Website	TBD	Davis	Not yet started	TBD	TBD	Immediately after completion	TBD	N/A			Precipitation	TBD	Yes	Central Yolo	\$100,000	TBD	City of Davis
P 41	Sac River Water to Davis/Woodland	Ongoing	YSGA Board Meetings and Website	TBD	City of Davis, City of Woodland	Implemented	Effects being studied	Ongoing	Ongoing	40,000 AF/year	N/A			Sac River	TBD	Yes	Central Yolo	Funding Secured	Funding Secured	Funding secured
P 42	City of Woodland - Well 31 ASR Project	Ongoing	YSGA Board Meetings and Website	Completed	City of Woodland	Pre-design	Ongoing	2027	Ongoing	2,000 gpm during injection	N/A			Treated surface water	TBD	Yes	Central Yolo	\$6,250,000	TBD	City of Woodland
P 43	City of Davis Leak Detection Survey	Ongoing	YSGA Board Meetings and Website	TBD	City of Davis	Options Being Explored	Ongoing	Ongoing	Ongoing	N/A	N/A	•		N/A	N/A	Yes	Central Yolo	\$150,000	TBD	TBD

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										Primary		Secondary						One-time Costs	Ongoing Costs (per year)	Potential Funding Source(s)
										Water Supply Augmentation	Water Demand Reduction	Water Quality Improvement	Water Management Feasibility / Efficiency							
P 44	Woodland Recycled Water Utility Expansion Project (Phase II)	Ongoing	YSGA Board Meetings and Website, City of Woodland Website	TBD	City of Woodland	Ongoing	Ongoing	TBD	Immediately after completion	110 acre-feet/year	N/A			WPCF effluent	TBD	Yes	Central Yolo	\$2,500,000	TBD	TBD
P 45	Woodland Recycled Water Utility Expansion Project (Phase III)	Ongoing	City of Woodland Website	TBD	City of Woodland	Ongoing	Ongoing	TBD	Immediately after completion	70 acre-feet/year	N/A			WPCF effluent	TBD	Yes	Central Yolo	\$925,000	TBD	TBD
P 46	City of Davis -Recycled Water Pump Station	Ongoing	City of Davis Website	TBD	City of Davis	Construction planned for Fall 2021 or early 2022	2022	2022	2023 - future	TBD	TBD			City of Davis Wastewater Treatment Plant	TBD	Yes	Central Yolo	\$1,800,000	TBD	TBD
P 47	YCFCWCD Winter Recharge	Upon completion of feasibility and permitting requirements	YCFCWCD Board Meetings and Website	TBD	YCFCWCD	Ongoing	Ongoing	Ongoing	Wet year following project completion	0-30,000 AF/year	N/A			Cache Creek System	TBD	Yes	Central Yolo	\$3,000,000	TBD	YCFCWCD
P 48	City of Winters Recycled Water Utilization	Ongoing	City of Winters	Completed	City of Winters	Ongoing	Ongoing	Ongoing	Currently Accruing	250 AF/year	N/A			City of Winters WWTF	N/A	No	Central Yolo	Funding Secured	Funding Secured	Funding secured
P 49	Citrona Ditch Pressurization Project	Upon completion of feasibility and permitting requirements	YSGA Board Meetings and Website	TBD	YCFCWCD	Not yet started	TBD	TBD	Irrigation season after project completion	TBD	N/A			Citrona Ditch	TBD	No	Central Yolo	TBD	TBD	TBD
P 50	RD 2035 - Groundwater Studies	Upon adoption of Yolo GSP	YSGA Board Meetings and Website	TBD	RD 2035	Ongoing	Ongoing	Ongoing	Immediately after completion	N/A	N/A			N/A	N/A	No	Central Yolo	TBD	TBD	TBD
P 51	RD 2035 - Floodway Corridor Project	Upon adoption of Yolo GSP	YSGA Board Meetings and Website	TBD	RD 2035	Not yet started	Upon adoption of Yolo GSP	TBD	Immediately after completion	N/A	N/A			N/A	N/A	No	Central Yolo	TBD	TBD	TBD
P 52	RD 2035 - Conjunctive Use Study	Upon adoption of Yolo GSP	YSGA Board Meetings and Website	TBD	RD 2035	Not yet started	Upon adoption of Yolo GSP	TBD	Immediately after completion	N/A	N/A			N/A	N/A	No	Central Yolo	TBD	TBD	TBD
P 53	Water Hexavalent Chromium (Cr6) Compliance Project	Ongoing	YSGA Board Meetings and Website	TBD	City of Winters	Ongoing	Ongoing	Ongoing	Ongoing	N/A	N/A			Groundwater, Putah Creek	TBD	No	Central Yolo	\$6 - 8,000,000	TBD	TBD
P 54	UC Davis Arboretum Waterway Wetland Restoration and Enhancement	Ongoing	YSGA Board Meetings and Website	TBD	UC Davis	Ongoing	Ongoing	Ongoing	Ongoing	N/A	N/A			Stormwater Discharge	TBD	Yes	Central Yolo	\$4,000,000	TBD	TBD
P 55	City of Woodland - North Regional Pond and Pump Station	Ongoing	YSGA Board Meetings and Website	TBD	Woodland	Completed	Completed	2022	Wet season after completion	N/A	N/A			South Canal and Gibson Channel	TBD	Yes	Central Yolo	\$8,000,000	\$100,000	Funding secured
P 56	Improved hydrologic flows, increased runoff retention, and improved watershed health in the Capay Valley	Upon adoption of Yolo GSP	YSGA Board Meeting & Website	TBD	Capay Valley Vision	Not yet started	Upon adoption of GSP	End 2022	2022-2040	Up to 50% increase in precip retention	N/A			Cache Creek/Precipitation	TBD	No	Capay Valley	\$25,000 - \$50,000, \$50,000/mile on tributaries	TBD	NRCS EQIP funds, CalFire
P 57	Enhanced water infiltration via grazing management and crop production practices in the Capay Valley	Upon adoption of Yolo GSP	YSGA Board Meeting & Website	TBD	Capay Valley Regeneration	Not yet started	2022	2026-2040	2027-2040	20,000 gallons/acre	TBD			Precipitation	TBD	No	Capay Valley	TBD	TBD	CA Healthy Soils funding
P 58	Oak woodland, riparian, and chaparral restoration in the Capay Valley	Upon adoption of Yolo GSP	YSGA Board Meeting & Website	TBD	Capay Valley Vision with Cache Creek Conservancy	Not yet started	2022	2027-2040	2028-2040	TBD	N/A			N/A	TBD	No	Capay Valley	TBD	TBD	TBD
P 59	Establish an equipment and knowledge hub in the Capay Valley	Upon adoption of Yolo GSP	YSGA Board Meeting & Website	N/A	Capay Valley Regeneration	Not yet started	Upon adoption of GSP	Ongoing	Ongoing	TBD	N/A			N/A	N/A	No	Capay Valley	TBD	TBD	TBD
P 60	Rumsey and Guinda Ditch Winter Recharge	Upon completion of feasibility and permitting requirements	YSGA Board Meeting & Website	TBD	YCFCWCD	Not yet started	Dependent on feasibility analysis	TBD	Wet year following project completion	2,000 AF/year	N/A			Cache Creek	TBD	No	Capay Valley	TBD	TBD	YCFCWCD
P 61	Guinda Ditch summer irrigation and pipelines from Cache Creek to other side of HWY 16	Upon completion of feasibility and permitting requirements	YSGA Board Meeting & Website	TBD	YCFCWCD	Not yet started	Dependent on feasibility analysis	TBD	Wet year following project completion	2,000 AF/year	N/A			Cache Creek	TBD	No	Capay Valley	TBD	TBD	YCFCWCD
P 62	Yocha Dehe Wintun Nation - expansion of Surface Water Diversion	Upon completion of feasibility and permitting requirements	YSGA Board Meetings and Website	TBD	Yocha Dehe Wintun Nation, YCFCWCD	Undergoing pre-feasibility analysis	TBD	TBD	Irrigation season after project completion	TBD	TBD			Cache Creek	TBD	No	Capay Valley	TBD	TBD	TBD
P 63	Improve Subsidence data collection and analysis in the Capay Valley management area	Upon completion of feasibility and permitting requirements	YSGA Board Meeting & Website	TBD	YSGA	Not yet started	Upon adoption of GSP	Ongoing	Ongoing	N/A	N/A			N/A	N/A	No	Capay Valley	TBD	TBD	TBD

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										Primary		Secondary						One-time Costs	Ongoing Costs (per year)	Potential Funding Source(s)
										Water Supply Augmentation	Water Demand Reduction	Water Quality Improvement	Water Management Feasibility / Efficiency							
P 64	Incorporation of Capay IGSM into the YSGA Model	Upon completion of feasibility, assessment of funds, and cost-benefit analysis.	YSGA Board Meeting & Website	N/A	YSGA	Not yet started	2022-2027	2027	2027-Future	N/A	N/A			N/A	N/A	No	Capay Valley	TBD	TBD	TBD
P 65	Yolo Bypass Conservation Projects	Upon completion of feasibility and permitting requirements	Yolo GSA Board Meetings & Website	TBD	Yolo County	Ongoing	Ongoing	Ongoing	Ongoing	TBD	TBD			N/A	TBD	No	South Yolo	TBD	TBD	TBD
P 66	Revisions to the YSGA Model for Urban Groundwater usage in the South Yolo MA	Upon completion of feasibility and permitting requirements	Yolo GSA Board Meetings & Website	TBD	YSGA	Not Yet Started	2022	2022-2027	After project completion	N/A	N/A			N/A	N/A	No	South Yolo	TBD	TBD	TBD
P 67	Methylmercury Impacts analyses for the Yolo Bypass	Upon completion of feasibility and permitting requirements	Yolo GSA Board Meetings & Website	TBD	Yolo County	Undergoing pre-feasibility analysis	Dependent on feasibility analysis	Ongoing	After Completion of Analyses	N/A	N/A	•		N/A	N/A	No	South Yolo	\$100,000	TBD	Yolo County
P 68	West Sacramento Well Improvements that may Include Aquifer Storage and Recovery	Upon completion of feasibility and permitting requirements	Yolo GSA Board Meetings & Website; City Council process	CEQA	City of West Sacramento	Undergoing pre-feasibility analysis	2021	2024	2024	500-1000 AFY	N/A	•	•	City of West Sacramento CVP Contract	West Sac and USBR	Yes	South Yolo	TBD	TBD	West Sac, State, and USBR
P 69	West Sacramento and City of Sacramento Inter tie	Upon completion of feasibility and permitting requirements	Yolo GSA Board Meetings & Website; City Council process	CEQA	City of West Sacramento	Undergoing pre-feasibility analysis	2021	2024	2024	500-5000 AFY	N/A	•	•	City of Sacramento Water Assets	West Sac, City of Sac, USBR	Yes	South Yolo	TBD	TBD	West Sac, State, and USBR
P 70	Dry well groundwater recharge on California Olive Ranch	Upon completion of feasibility and permitting requirements	Yolo GSA Board Meetings & Website	TBD	Water and Land Solutions LLC/California Olive Ranch	Not yet started	TBD	TBD	Wet year following project completion	TBD	N/A			TBD	N/A	Yes	Dunnigan Hills	TBD	TBD	TBD
P 71	Projects to improve understanding of surface water/groundwater interaction around Oat Creek and Buckeye Creek/others in Dunnigan/North Yolo areas.	Upon completion of feasibility and permitting requirements	Yolo GSA Board Meetings & Website	TBD	YSGA	Not yet started	Upon adoption of GSP	TBD	Continuous	N/A	N/A			N/A	N/A	Yes	Dunnigan Hills	TBD	TBD	TBD
P 72	Additional groundwater monitoring wells in the Dunnigan Hills MA	Upon completion of feasibility and permitting requirements	Yolo GSA Board Meetings & Website	TBD	YSGA	Not yet started	Upon adoption of GSP	TBD	Continuous	N/A	N/A			N/A	N/A	Yes	Dunnigan Hills	TBD	TBD	TBD
P 73	O'Halloran off-stream reservoir site	Upon completion of feasibility and permitting requirements	Yolo GSA Board Meetings & Website	TBD	YCFCWCD	Not yet started	Upon adoption of GSP	TBD	Wet year following project completion	N/A	N/A			Cache Creek System	TBD	Yes	Dunnigan Hills	TBD	TBD	TBD
P 74	Additional groundwater monitoring wells in the Clarksburg MA	Upon adoption of Yolo GSP	Yolo GSA Board Meetings & Website	TBD	YSGA	Not yet started	2022	Continuous	Ongoing	N/A	N/A			N/A	N/A	No	Clarksburg	TBD	TBD	TBD
P 75	Reclamation District 999 - Elk Slough Groundwater Quality Improvement and Flood Protection Project	Upon completion of feasibility and permitting requirements	Yolo GSA Board Meetings & Website	TBD	RD 999	Undergoing pre-feasibility analysis	Upon adoption of GSP	TBD	Following project completion	N/A	N/A	•		Elk Slough	TBD	No	Clarksburg	TBD	TBD	TBD
P 76	Boards In Program	Upon completion of feasibility and permitting requirements	Yolo GSA Board Meetings & Website	TBD	RD 108/DWD	Undergoing pre-feasibility analysis	Upon adoption of GSP	TBD	Wet year following project completion	N/A	N/A			Precipitation	TBD	No	North Yolo	TBD	TBD	TBD
P 77	Cover cropping, rangeland improvements, and other agricultural practices to improve groundwater recharge	Upon adoption of Yolo GSP	Yolo GSA Board Meetings & Website	TBD	YSGA	Ongoing	Ongoing	Continuous	Wet year following project completion	N/A	N/A			Precipitation, surface water supplies	N/A	Yes	Yolo Subbasin	TBD	TBD	TBD