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Attachment G

Yolo Subbasin Groundwater Agency
Hungry Hollow Groundwater Working Group
Project and Management Actions Rankings
November 20, 2025
Updated May 22, 2026

Summary of Ranking Results by YSGA Staff

PMA #	PMA Name	Project Concept	Responsible Party	Total Score (36 max)	Ranking
17	Western Hills Erosion Control and Flood MAR	Landowners and District staff identified several erosion and flood control issues that originate from the western hills that will have a significant impact on the success of Projects 5, 3, 7, 8, and 2. This project proposes the following: Goodnow Slough (1) Installation of “rock dams” in the upper reaches of Goodnow Slough, Fox Canyon Slough, and other sloughs to trap sediment and slow down runoff (see map) (2) Construct rock dam with diversion structure to divert flows into sediment trap / flood control basins. These basins would trap sediment and temporarily capture stormwater for spilling back into Sloughs for recharge during sunny day conditions. Sediment traps would be excavated to remove accumulated sediment. (3) Cover crop acres on west side at base of hills to pilot effectiveness of native grasses to increase infiltration, soil moisture retention, reduce flooding, and reduce applied water usage. (4) Obtain CDFW Lake Streambed Alteration Permit for items 1 & 2, but for all of Hungry Hollow slough maintenance and rehabilitation work.	Landowners, District Project Partners: Yolo RCD, Center for Land Based Learning, YSGA	25	5
5	Hungry Hollow Winter Water On-farm Recharge	Sign up over 6,000 acres with existing surface water connections to the District to take winter water for on-farm recharge. Can achieve > 6,000 AFY of recharge.	Landowners, District	28	1
3	Oat Creek Trickle Flow Recharge	AgIS pipeline connects to Hungry Hollow canal, can move excess water in the canal during the winter and discharge directly into Oat Creek and a leaky storage pond for trickle flow recharge. Can achieve up to 600 AFY of recharge.	AgIS Capital, District	27	2
7	Increase Conjunctive Use	Sign up over 3,000 acres currently without a surface water connection voluntarily connect to the District to achieve in-lieu recharge. Can achieve > 6,000 AFY in-lieu recharge when using surface water in 7/10 years.	Landowners, District	26	3
8	Voluntary Land Conversion and Water Management Practices	Sign up over 6,000 acres that land use changes could be implemented to improve soil absorption and infiltration (e.g. cover cropping, change of water source, land use application of pesticides, etc.). Will need to define performance metrics to quantify recharge benefits and outcomes. Can achieve > 6,000 AFY of recharge.	Landowners, District	26	4
2	Fox Canyon Slough Stormwater Capture and Recharge	Capture stormwater from the south fork from No Name Slough that parallels County Road 14 and reduce flooding by 1) upgrade 48” box culvert at north end of Hungry Hollow Canal at RD 87 to 72”, rehabilitate Hungry Hollow Canal between Rd 87 and Rd 88, upgrade bridge box culvert at Rd 88, 2) construct 16 acre stormwater retention/regulating pond with 49.5 AF capacity and plant 10 acre native vegetation/habitat zone, and 3) release held stormwater for hungry hollow canal recharge. This	Boundary Bend, other landowners, District	25	5



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		project would alleviate flooding damage to nearby parcels within the vicinity of Counrty Roads 14, 87, and erosion damage to Hungry Hollow canal near County Road 88, and increase recharge to groundwater. Can achieve > 2,000 AFY of recharge.			
1	Goodnow Slough Stormwater Capture and Recharge	Capture stormwater from the north and south fork of Goodnow Slough on up to 32 Acre temporary storage pond (or smaller pond with dry wells) on Cobram's property to later release the water downstream for recharge on Durst Organic Growers, Bullseye, and Corwin (and other participating landowners) fields for on-farm recharge, recharge ponds, and hungry hollow canal recharge. This project would alleviate flooding damage within the vicinity of County Road 15B, 87, and 16, and increase recharge to groundwater. Distributes recharge to West and East side of Hungry Hollow. Can achieve > 6,000 AFY of recharge.	Boundary Bend, Durst Organic Growers, Bullseye, Corwin (Shaupp), and others; District	24	6
4	Western Hillslope Stormwater Capture and Recharge with Dry Wells	Pilot stormwater capture drywells to increase recharge on lands owned by P. Hammerness and J. Durst. Funding and implementation tied to USDA-ARS. Can achieve > 50 AFY of recharge.	Hammerness, Durst, USDA-ARS, District	22	7
6	Irrigation Season Land Management Practices to Support Recharge	Sign up over 6,000 acres with existing surface water connections to the District to over irrigate tolerant crops during irrigation season to increase applied recharge. Idea is that using surface water to over irrigate when water is available is a cheaper alternative than allocation, etc. Will need to define performance metrics to quantify recharge benefits and outcomes. Suitable to start as pilot project. Can achieve > 6,000 AFY of recharge.	Landowners	22	8
9	Voluntary Demand Management and Well SCADA Upgrades	Sign up over 6,000 acres to reduce groundwater pumping by 5 - 15% in 1) water years when the District has a partial or zero allocation or 2) More than 2 RMW's have a MT exceedance for more than one Fall period, and 3) upgrade small growers wells with SCADA controls to allow for remote control operation. Would start as pilot program to measure and quantify outcomes. May require setup of pumping fee to fund mitigation bank for crop yield losses. NOTE: Hard to enforce across a geographic area where not all growers have SCADA to efficiently manage their pumping at low cost. May produce mixed results.	Landowners, District, YSGA	16	9
10	Grant Funding Assistance Program	YSGA contract with grant specialist (paid for by landowners) to identify and pursue grant opportunities to fund Hungry Hollow PMA implementation, including CDFA's SWEEP program.	Landowners, YSGA	Not ranked. YSGA Staff determined that this would be more appropriate for a Subbasin wide program.	



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11	Landowner Technical Assistance Program	YSGA contract with agronomist/agricultural engineer/suppliers (paid for by landowners or utilize UC cooperative extension) to provide on-call technical assistance, training, and equipment access to landowners, as well as develop training opportunities featuring landowner-to-landowner knowledge sharing and a private self-assessment tool for landowners to evaluate the contribution of existing land management practices to groundwater sustainability	Landowners, YSGA	Not ranked. YSGA Staff determined that this would be more appropriate for a Subbasin wide program.	
12	Historically Non-Irrigated Acreage Expansion Restrictions	Landowners work with County to inform land use zoning policy changes to restrict the expansion of irrigated acreage on historically non-irrigated acreage	Yolo County	Not ranked. Already occurring through well moratorium.	
13	Well Permitting Ordinance Update	Landowners work with County to inform well permitting ordinance changes	Yolo County	Not ranked. Already occurring through well moratorium.	
14	Hungry Hollow Governance Structure Development	Create governance structure for Hungry Hollow Groundwater Working Group	YSGA	Already complete (Charter).	
15	2028 Subbasin Model Update (Groundwater Portion Only)	YSGA significantly update groundwater potion of subbasin model by 2028	YSGA	In progress	
16	Voluntary Groundwater Level Monitoring Program	Landowners voluntarily collect quarterly water level data and provide to YSGA	Landowners, YSGA	In progress	