

Applicant	Solano Land Trust		
Project Location	Solano County, Winters		
Project Description	This project would conserve ±105 acres of walnuts. The property is comprised of a 90-acre walnut orchard, and 15 acres of riparian habitat along Putah Creek. Irrigation onsite is supplied from two agricultural water wells onsite. The landowners utilize micro-jet sprinklers to irrigate their crops.		
Strategic Value	<p><u>Proximity to Protected Land</u> – The property is adjacent to 285 acres of protected land to the west and is less than one mile away from 600 acres of permanently protected land to the east.</p> <p><u>Sustainable Management</u> – The landowner utilizes micro-jet sprinklers to conserve water and support groundwater recharge, as well as managing an efficient water timing schedule with attention to pump pressure. A goat herdsman grazes a goat herd in the riparian area of the property for weed control and invasive species control. The landowner uses cover crops and grass to support soil health, carbon sequestration, and water retention. The landowner plans to incorporate a hybrid rye grass as a cover crop in the future.</p> <p><u>Habitat</u> – The project would protect 15 acres of riparian habitat along Putah Creek. The adjacent property protected 43 acres of Putah Creek, which would allow 58 acres of riparian corridor connectivity and habitat for wildlife. The property has the potential to add 2,000 linear feet of salmon spawning habitat where there currently is none.</p> <p><u>Other</u> – The property is identified for conservation within the “Dixon Ridge High Priority Area” in Solano Land trust’s Agricultural Conservation Easement Plan.</p>		
Notable Features	Nothing of note		
Land Use Conversion Threat	Risk Option 7, rural residential zoning density		
GHG reduction estimates (30 year)¹	29 potential development rights extinguished	2,563,964 VMT	3,106 MT CO ₂ e
Appraised Easement Value	\$1,000,000	\$9,524 /total acre	
Updated SALC Program Funding Request	\$718,250	25% ACE match standard met	
Match Funding (Source & Status)	Solano Land Trust Internal Funds / Landowner Donation		
Priority Population Benefits	No		

¹Under the approved Quantification Methodology, the California Emissions Estimator Model (CalEEMod) is used to calculate estimated CO2 reductions with a 30-year project life. However, SALC Program easements will be in perpetuity.

Site Photo and Map

