

Mark West Creek Educational Preserve

Intended Use by Sonoma Water of 30 acres:

- Water Education Program (Orange shaded area)
 - o Perform school educational lectures on the property
 - Access to stream for fish release program
 - Water conservation curriculum
 - Stream maintenance curriculum
 - Steelhead in the classroom curriculum
 - Building envelope
 - o Site modifications
 - Walking trails
 - Informational kiosk
 - Stream/bank maintenance as needed for stream access
- Stream restoration (yellow shaded area)
 - o Flood channel development
 - Coordinate with National Marine Fisheries Service, Department of Fish and Wildlife on development and funding
 - o Fisheries restoration
 - Coordinate with National Marine Fisheries Service, Department of Fish and Wildlife on development and funding
- Public education (black line)
 - o Educational kiosks along trail
 - Water use efficiency
 - Stream maintenance
 - Fisheries
 - Groundwater management
- Groundwater management (Throughout property and blue shaded area/pond)
 - o Groundwater recharge
 - Utilize property to potentially recharge groundwater during high flow conditions on Mark West Creek
 - Site modifications unknown, maybe existing use of existing pond
- Property maintenance (whole property)
 - o Vegetation management
 - Sonoma Water stream maintenance crews
- Community garden (green shaded area)
 - o Possible use of property for community garden/water use efficiency showcase garden

All approximate locations, not to scale or exact.

