

**Table 4-2 Preservation or Enhancement Activities**

<b>Preservation or Enhancement</b>	<b>Credits Earned</b>	<b>Account Credited</b>
Record conservation easement over additional habitat within the Matadero/Deer Creek Basin	1 credit for each acre of habitat.	Matadero/Deer Riparian Account
Record conservation easement over habitat within the CTS Reserve	1 credit for each acre of upland habitat. 25 credits for each acre of breeding habitat	CTS Account
Expand riparian areas around the creeks by removing existing structures and planting riparian vegetation	3 credits for each restored acre	Matadero/Deer Riparian Account
Repair and stabilize the creek banks using bio-engineered stabilization <sup>1</sup> methods to pro-actively remediate erosion and bank stabilization problems that are not associated with a new project or is not conducted to protect existing Stanford infrastructure	1 credit per 200 feet of fixed bank	Matadero/Deer Riparian Account
Restore the natural geomorphology of stream channels through replacement of existing hardscape with bio-engineered stabilization methods	1 credit per 200 feet of fixed bank	Matadero/Deer Riparian Account

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<sup>1</sup> Bioengineering techniques emphasize the use of natural and local building materials, e.g. stone, gravel, sand, soil, wood, branched logs, and native plants. Typical bioengineering practices include: brushlayering, brush mattresses, brush walls/bundles, hand seeding or hydro-seeding, incorporation of large woody debris, and live staking. Rip-rap, rock, and other hardscape materials will only be used where required (e.g., areas of high scour).

Construct additional water quality monitoring stations along creek(s) and operate for 5 years <sup>2</sup>	1 credit for each additional station	Matadero/Deer Riparian Account
Create new off-channel California red-legged frog breeding ponds	25 credits for each pond (15 credits will accrue when the agreed short-term success criteria are met and an additional 10 credits will accrue when long-term success criteria are met)	Matadero/Deer Riparian Account if pond is created within the Matadero/Deer Creek Easement

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<sup>2</sup> This enhancement includes the construction and operation of water quality monitoring stations in reaches of the creeks that are outside of Stanford's lands.