

Table 4-2 Preservation or Enhancement Activities

| Preservation or Enhancement | Credits Earned | Account Credited |
|---|---|--------------------------------|
| 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 ¹ 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 |

¹ 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).

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| Construct additional water quality monitoring stations along creek(s) and operate for 5 years ² | 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 |

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