

ATTACHMENT G

Wetland acreage impacts and mitigation by wetland function.

Wetland Function	Impact	In-basin*		Auburn		Comment
		Site	Credit	Site	Credit	
Resident/ Anadromous Fish	8.6	70.54	25.79	-	-	In basin mitigation includes mitigation for direct impacts to Miller Creek and indirect impacts that may occur through alteration of riparian and hydrologically connected wetlands. For the Miller Creek enhancement areas, buffer averaging areas greater than 100-feet from Miller Creek were excluded from providing this function.
Passerine Birds	14.9	-	-	65.38	42.91	In-basin mitigation credit is not sought for this function due to potential wildlife management actions.
Waterfowl	1.9	-	-	6.80	6.80	In-basin mitigation credit is not sought for this function due to potential wildlife management actions.
Amphibians	9.8	78.72	27.46	65.38	42.91	The Lora Lake shoreline restoration, removing human uses, and native plant communities provided by the on-site mitigation will provide habitat for several species.
Small Mammals	13.2	78.72	27.46	65.38	42.91	Eliminating human uses, and native plant communities provided by the on-site mitigation will provide habitat for several species.
Exports Organic Matter	10.9	78.72	27.46	-	-	In-basin mitigation includes increasing production and quality of organic matter in wetlands and riparian areas. Maintenance actions that remove organic matter from wetlands, streams, and buffers will also be removed.
Ground Water Exchange	-	-	-	-	-	Impacts to this function, provided by slope and riparian wetlands (13.6 acres), are avoided by project design and by low flow augmentation.
Flood Storage	4.6	4.6	4.6	25	25	This function is mitigated in-basin by new flood storage at Vacca Farm and by stormwater detention facilities that are designed to maintain or decrease peak stream flows during flood events.
Nutrient/Sediment Trapping	16.3	78.72	27.46	65.38	42.91	In basin mitigation for this function is also provided by changes in land use that convert pollution generating land uses in mitigation areas to native vegetation, and by retrofitting existing pollution generating surfaces with BMPs for water quality treatment.

* Preservation of 23.55 acres near Borrow Area 3 is excluded from this table.