



# Mitigation Assignments by Project 2014 ATTACHMENT 4b

Habitat	Tier	Impact	Ratio	Mitigation Acreage	Mitigation Location **
<b>36-inch Rancho Bernardo Pipeline Repair</b>					
Diegan Coastal Sage Scrub (DCSS)	II	0.058	0:1	0	No mitigation required for temporary impacts below Significance Threshold
<b>Castana Restoration</b>					
Arundo Dominated Riparian (ADR)	W	0.44	0:1	0	Hand Removal and Treatment of giant reed. Habitat restoration effort.
<b>Chocolate Access MH 273 to 267</b>					
Chamise Chaparral (CC)	IIIA	0.002	1:1	0.002	Lake Murray Mitigation Site
Emergent Wetland (EW)	W	0.0064	2:1	0.0128	San Diego River Wetland Creation/Lake Murray Mitigation Site
<b>Chocolate Canyon Emergency Sewer Access MH 245</b>					
Chamise Chaparral (CC)	IIIA	0.001	1:1	0.001	Lake Murray Mitigation Site
Emergent Wetland (EW)	W	0.003	2:1	0.006	San Diego River Wetland Creation/Lake Murray Mitigation Site
<b>Conquistador Emergency Water Pipe Repair</b>					
Waters of the U.S.	W	0.001	1:1	0.001	Onsite restoration of pre-impact topography
<b>East Shepherd Canyon Water Main Break</b>					
Non-Native Grassland (NNG)	IIIB	0.026	0:1	0	Tracked over grassland. Temporary impacts restored onsite
Southern Riparian Forest (SRF)	W	0.017	0:1	0	Temporary impacts to unvegetated channel under riparian canopy. Topography restored to pre-impact conditions.
<b>Emergency Sewer Repairs in South Juniper Canyon at Manhole 274</b>					
Non-Vegetated Channel (NVC)	W	0.002	1:1	0.002	San Diego River Wetland Creation Site
<b>Meadow Lark Water Main Break Emergency</b>					
Streambed (STREAMBED)	W	0.04	0:1	0	Erosion on access path. Repair to fix erosion pending design and agency permits.
<b>Miramar Culvert Maintenance</b>					
Freshwater Marsh (FM)	W	0.003	0:1	0	Maintenance of culvert through removal of overgrown vegetation.
<b>Murphy Canyon TS</b>					
Freshwater Marsh (FM)	W	0.034	2:1	0.068	San Diego River Wetland Creation Site/Rancho Mission Enhancement Site
<b>Spruce Canyon Sewer Pipe Repair</b>					
Diegan Coastal Sage Scrub (DCSS)	II	0.0038	0:1	0	Trimming of branches expected to recover in 1 growing season
<b>Switzer Sewer MH 152 Access</b>					
Diegan Coastal Sage Scrub (DCSS)	II	0.009	1:1	0.009	Lake Murray Mitigation Site
Scrub Oak Chaparral (SOC)	I	0.009	1:1	0.009	Otay Mesa Mitigation Bank
<b>Three Water Transmission Pipelines Condition Assess</b>					
Diegan Coastal Sage Scrub (DCSS)	II	0.003	0:1	0	No mitigation required for temporary impacts below Significance Threshold. Restored habitat post construction

\* Does not include impacts to Developed Lands or Tier IV habitats which do not require mitigation  
 \*\* All Habitat Mitigation is within MHPA