

**Newport Banning Ranch Abandonment/Remediation and Alternative Development Plan Impacts & Mitigation Tables
May 2013**

Table 1 Proposed Mitigation Grassland Impacts

Impact Type	Impact (Acres)	Mitigation Ratio	Mitigation (Acres)
Permanent Purple Needlegrass Grassland Habitat			
Abandonment/Remediation & Development Plan	3.27	1:1	3.27
Abandonment/Remediation & Fuel Modification (Existing & Proposed)	0.15	1:1	0.15
Fuel Modification - Existing	0.00	1:1	0.00
Development Plan	6.92	1:1	6.92
Fuel Modification - Proposed	0.30	1:1	0.30
<i>Subtotal Purple Needlegrass Grassland Mitigation</i>			10.63
Permanent Undisturbed Non-Native Grassland Habitat			
Abandonment/Remediation & Development Plan	14.40	0.5:1	7.2
Abandonment/Remediation & Fuel Modification (Existing & Proposed)	0.62	0.5:1	0.31
Fuel Modification - Existing	0.00	-	-
Development Plan	21.25	0.5:1	10.66
Fuel Modification - Proposed	1.08	0.5:1	0.54
<i>Subtotal Undisturbed Non-Native Grassland Mitigation</i>			18.71
Permanent Disturbed Annual Brome Grassland Habitat			
Abandonment/Remediation & Development Plan	0.02	0.5:1	0.01
Abandonment/Remediation & Fuel Modification (Existing & Proposed)	0.06	0.5:1	0.03
Fuel Modification - Existing	0.00	-	-
Development Plan	0.03	0.5:1	0.15
Fuel Modification - Proposed	0.20	0.5:1	0.1
<i>Subtotal Disturbed Non-Native Grassland Mitigation</i>			0.29
Temporary Purple Needlegrass Grassland Habitat			
Abandonment/Remediation – Open Space/Restoration	0.06	1:1	0.06
<i>Subtotal Disturbed Non-Native Grassland Mitigation</i>			0.06
Temporary Undisturbed Non-Native Grassland Habitat			
Abandonment/Remediation– Open Space/Restoration	0.93	0.5:1	00.47
<i>Subtotal Undisturbed Non-Native Grassland Mitigation</i>			0.47
Temporary Disturbed Non-Native Grassland Habitat			
Abandonment/Remediation– Open Space/Restoration	0.05	0.5:1	0.03
<i>Subtotal Disturbed Non-Native Grassland Mitigation</i>			0.03
Total Grassland Mitigation			30.19
Total Grassland Mitigation for Development Plan and Proposed Fuel Modification			18.73

Table 2 Proposed Mitigation Scrub Impacts

Impact Type	Impact (Acres)	Mitigation Ratio	Mitigation (Acres)
Permanent Scrub Habitat			
Abandonment/Remediation & Development Plan	2.27	3:1	6.82
Abandonment/Remediation & Fuel Modification (Existing & Proposed)	0.42	3:1	1.26
Fuel Modification - Existing	0.15	3:1	0.45
Development Plan	0.88	3:1	2.64
Fuel Modification - Proposed	0.10	3:1	0.31
<i>Subtotal Scrub Mitigation</i>			11.49
Permanent Disturbed Scrub Habitat			
Abandonment/Remediation & Development Plan	7.03	1:1	7.03
Abandonment/Remediation & Fuel Modification (Existing & Proposed)	0.70	1:1	0.70
Fuel Modification - Existing	0.01	1:1	0.01
Development Plan	3.30	1:1	3.30
Fuel Modification - Proposed	1.45	1:1	1.45
<i>Subtotal Disturbed Scrub Mitigation</i>			12.49
Temporary Scrub Habitat			
Abandonment/Remediation – Open Space/Restoration	3.07	3:1	9.22
<i>Subtotal Scrub Mitigation</i>			9.22
Temporary Disturbed Scrub Habitat			
Abandonment/Remediation– Open Space/Restoration	6.57	1:1	6.57
<i>Subtotal Disturbed Scrub Mitigation</i>			6.57
Total Scrub Mitigation			39.77
Total Scrub Mitigation for Development Plan and Proposed Fuel Modification			8.75

Table 3 Proposed Mitigation Wetland/Riparian Impacts

Impact Type	Impact (Acres)	Mitigation Ratio	Mitigation (Acres)
Permanent Wetland/Riparian Habitat			
Abandonment/Remediation & Development Plan	0.49	3:1	1.48
Abandonment/Remediation & Fuel Modification (Existing & Proposed)	0.12	3:1	0.35
Fuel Modification - Existing	-	3:1	
Development Plan	0.94	3:1	2.81
Fuel Modification - Proposed	0.04	3:1	0.11
<i>Subtotal Wetland/Riparian Mitigation</i>			4.75
Permanent Disturbed Wetland/Riparian Habitat			
Abandonment/Remediation & Development Plan	2.17	2:1	4.34
Abandonment/Remediation & Fuel Modification (Existing & Proposed)	0.06	2:1	0.11
Fuel Modification - Existing	0.58	2:1	1.17
Development Plan	1.32	2:1	2.65
Fuel Modification - Proposed	0.05	2:1	0.09
<i>Subtotal Disturbed Wetland/Riparian Mitigation</i>			8.35
Temporary Wetland/Riparian Habitat			
Abandonment/Remediation – Open Space/Restoration	8.69	2:1	17.38
<i>Subtotal Wetland/Riparian Mitigation</i>			17.38
Temporary Disturbed Wetland/Riparian Habitat			
Abandonment/Remediation– Open Space/Restoration	1.87	1:1	1.87
<i>Subtotal Disturbed Wetland/Riparian Mitigation</i>			1.87
Total Wetland/Riparian Mitigation			32.35
Total Wetland/Riparian Mitigation for Development Plan and Proposed Fuel Modification			5.71

Table 4 Seasonal Feature Impact Analysis and Mitigation

Seasonal Feature	Area ¹	San Diego Fairy Shrimp	Impacts		Mitigation Ratios		Mitigation Acreage
			Temporary ²	Permanent ³	Temporary Impacts	Permanent Impacts	
VP1	0.304 (1,230)	Present	0.022 (89.03)	0	2:1	4:1	0.044 (178.06)
VP2	0.021 (84.98)	Present	0.004 (16.19)	0	2:1	4:1	0.007 (28.33)
VP3	0.006 (24.28)	Present	0	0.007 (24.28)	2:1	4:1	0.026 (104.61)
A	0.037 (149.73)	Absent	0	0.037 (149.73)	2:1	2:1	0.074 (299.47)
E	0.049 (198.30)	Present	0	0.049 (198.30)	2:1	4:1	0.195 (789.14)
G	0.003 (12.14)	Present	0	0.003 (12.14)	2:1	4:1	0.012 (48.56)
H	0.021 (84.98)	Present	0	0.021 (84.98)	2:1	4:1	0.086 (348.03)
I	0.028 (113.31)	Present	0	0.028 (113.31)	2:1	4:1	0.110 (445.15)
J	0.087 (352.08)	Present	0	0.033 (133.55)	2:1	4:1	0.066 (24.28)
K	0.014 (56.67)	Absent	0	0.014 (56.66)	2:1	2:1	0.028 (113.31)
L	0.003 (12.14)	Absent	0	0.003 (12.14)	2:1	2:1	0.006 (24.28)
W	0.263 (1,064.3)	Absent	0	0.263(1,064.3)	2:1	2:1	0.527 (2,132.7)
BB	0.002 (8.09)	Absent	0	0	2:1	2:1	0
II	0.002 (8.09)	Absent	0	0.002 (8.09)	2:1	2:1	0.005 (20.23)
KK	0.017 (68.80)	Absent	0	0.016 (64.75)	2:1	2:1	0.031 (125.45)
LL	0.001 (4.05)	Absent	0	0 ⁴	2:1	2:1	0
MM	0.003 (12.14)	Absent	0	0.002 (8.09)	2:1	2:1	0.004 (16.19)
Totals	0.861 (3,484.3)		0.026 (105.22)	0.584 (2,363.4)			1.221 (4,941.2)

¹ Acreage (square meters)

² Abandonment/Remediation

³ Development Plan

⁴ Insignificant quantity (< 0.000)