

Habitat Reach
Summary Table

WATERSHED	HABITAT REACH ID	STREAM NAME	DOWNSTREAM LOCATION	UPSTREAM LOCATION	SURVEY DATE	SURVEY EFFORT
Rincon	HR_RN_1	Rincon	Lagoon mouth	d/s end BR_RN_1	2/22/2001	1
	HR_RN_2	Rincon	d/s end BR_RN_1	u/s end BR_RN_1	2/22/2001	1
	HR_RN_3	Rincon	u/s end BR_RN_1	Casitas Ck. conf.	2/22/2001	1
	HR_RN_4	Rincon	Casitas Ck. conf.	Sulphur Ck. conf.	3/22/2001	1
	HR_RN_5	Rincon	Sulphur Ck. conf.	d/s end of BR_RN_13	3/22/2001	1
	HR_RN_6	Rincon	d/s end of BR_RN_13	Elevation 680	3/22/2001	1
	HR_RN_7	Rincon	Elevation 680'	BR_RN_14	3/22/2001	2
Carpinteria	HR_CA_1	Carpinteria	Lagoon mouth	u/s end of Lagoon	11/17/2000	1
	HR_CA_2	Carpinteria	u/s end of Lagoon	BR_CA_6	11/17/2000	1
	HR_CA_3	Carpinteria	BR_CA_6	BR_CA_9	8/18/2001	1
	HR_CA_4	Carpinteria	BR_CA_9	BR_CA_12	8/18/2001	3
	HR_CA_SN_1	Sutton	Carpinteria Ck. conf.	BR_CA_SN_2	11/20/2001	4
	HR_CA_GR_1	Gobernador	Carpinteria Ck. conf.	BR_CA_GR_2	11/17/2001	1
	HR_CA_GR_2	Gobernador	BR_CA_GR_2	BR_CA_GR_6	11/17/2001	1
	HR_CA_GR_3	Gobernador	BR_CA_6	Steer/El Dorado Ck. conf.	8/18/2001	1
	HR_CA_GR_SR_1	Steer	El Dorado Ck. conf.	BR_CA_GR_SR_1	8/18/2001	3
	HR_CA_GR_ED_1	El Dorado	Steer Ck. conf.	BR_CA_GR_ED_1	8/18/2001	3
Arroyo Paredon	HR_AP_1	Arroyo Paredon	Lagoon mouth	u/s side UPRR crossing	12/20/2000	1
	HR_AP_2	Arroyo Paredon	u/s side UPRR crossing	BR_AP_1	12/20/2000	1
	HR_AP_3	Arroyo Paredon	BR_AP_1	BR_AP_8	12/20/2000	3
	HR_AP_OL_1	Oil	Arroyo Paredon conf.	BR_AP_OL_2		5
San Ysidro	HR_SY_1	San Ysidro	Lagoon mouth	u/s end of Lagoon (200' u/s from mouth)	5/17/2001	1
	HR_SY_2	San Ysidro	u/s end of Lagoon	BR_SY_3	5/17/2001	1
	HR_SY_3	San Ysidro	BR_SY_3	#2 Stone Bridge	5/17/2001	1
	HR_SY_4	San Ysidro	#2 Stone Bridge	Highway 192 crossing	5/17/2001	1
	HR_SY_5	San Ysidro	Highway 192 crossing	GPS	4/5/2001	1
	HR_SY_6	San Ysidro	GPS	BR_SY_14	4/5/2001	3
Montecito	HR_MO_1	Montecito	Lagoon mouth (d/s end of BR_MO_1)	u/s end of Lagoon (332' u/s mouth)	6/6/2001	1
	HR_MO_2	Montecito	u/s end of Lagoon	u/s end of BR_MO_1	6/6/2001	1
	HR_MO_3	Montecito	u/s end of BR_MO_1	BR_MO_13	6/6/2001	1
	HR_MO_4	Montecito	BR_MO_13	u/s end of BR_MO_14	6/8/2001	1
	HR_MO_5	Montecito	u/s end of BR_MO_14	BR_MO_19	6/8/2001	1
	HR_MO_6	Montecito	BR_MO_19	Hot Springs Ck. conf.	6/8/2001	1
	HR_MO_CS_1	Cold Springs	Hot Springs Ck. conf.	E.F. Cold Springs Ck. conf.	6/8/2001	1
	HR_MO_CS_2	Cold Springs	E.F. Cold Springs Ck. conf.	BR_MO_CS_6	12/8/2001	1
	HR_MO_CS_EF_1	E.F. Cold Springs	Cold Springs Ck. conf.	BR_MO_CS_EF_1	12/8/2001	1
Mission	HR_MN_1	Mission	Lagoon mouth	d/s end of BR_MN_1	1/23/2001	1
	HR_MN_2	Mission	d/s end of BR_MN_1	u/s end of BR_MN_1	1/23/2001	1
	HR_MN_3	Mission	u/s end of BR_MN_1	d/s end of BR_MN_2	1/23/2001	1
	HR_MN_4	Mission	d/s end of BR_MN_2	u/s end of BR_MN_2	1/23/2001	1
	HR_MN_5	Mission	u/s end of BR_MN_2	d/s end of BR_MN_5	1/23/2001	1
	HR_MN_6	Mission	d/s end of BR_MN_5	u/s end of BR_MN_5	1/23/2001	1
	HR_MN_7	Mission	u/s end of BR_MN_5	d/s S.B. Museum of Natural History	2/8/2001	1

Abundance of Spawning Substrate (0.00 - 1.50)	Substrate Embeddedness (0.00 - 1.50)	Stream Gradient (0.00 - 1.00)	Surface Flows (0.00 - 2.00)	Pool Abundance (0.00 - 2.00)	In-stream Cover (0.00 - 1.00)	Riparian Canopy Cover (0.00 - 1.00)	Reach Habitat Quality (0.00 - 1.00)	Reach Habitat Quantity (Miles)	Reach Habitat Score	
							0.34	Lagoon	0.16	Lagoon
0.00	0.00	0.25	1.00	0.00	0.25	0.12	0.16	0.11	0.02	
0.50	0.00	0.25	1.00	0.50	0.25	0.78	0.33	2.27	0.74	
1.50	1.50	0.50	2.00	2.00	0.75	0.87	0.91	1.24	1.13	
1.00	1.50	1.00	2.00	2.00	1.00	0.82	0.93	0.36	0.34	
1.00	1.50	1.00	2.00	1.50	1.00	0.51	0.85	0.26	0.22	
1.50	1.50	0.75	2.00	2.00	1.00	0.91	0.97	3.03	2.93	
							0.740	7.42	5.37	
							Average**	Total	Total	
							0.53	Lagoon	0.21	Lagoon
0.50	1.00	0.25	1.00	0.50	0.25	0.80	0.43	2.73	1.17	
0.50	1.00	0.50	2.00	1.00	0.50	0.75	0.62	0.89	0.56	
1.00	1.00	0.75	2.00	2.00	1.00	0.92	0.87	2.76	2.39	
1.00	1.00	1.00	2.00	2.00	1.00	0.82	0.88	2.33	2.06	
0.50	1.00	0.50	2.00	0.50	0.25	0.79	0.55	1.12	0.62	
1.00	1.50	0.75	2.00	1.00	0.50	0.77	0.75	0.60	0.45	
1.50	1.50	0.75	2.00	2.00	1.00	0.81	0.96	1.83	1.75	
1.50	1.50	1.00	2.00	2.00	1.00	0.92	0.99	1.61	1.59	
1.50	1.50	1.00	2.00	2.00	1.00	0.96	1.00	1.99	1.98	
							0.793	16.07	12.58	
							Average**	Total	Total	
							0.28	Lagoon	0.08	Lagoon
0.50	0.50	0.25	1.00	0.50	0.25	0.55	0.36	0.84	0.30	
1.00	0.50	1.00	2.00	1.00	0.50	0.77	0.68	2.93	1.98	
1.00	0.50	1.00	2.00	1.00	0.50	0.88	0.69	0.30	0.21	
							0.612	4.14	2.48	
							Average**	Total	Total	
							0.25	Lagoon	0.04	Lagoon
0.50	1.00	0.00	1.00	0.50	0.25	0.57	0.38	0.23	0.09	
1.00	1.50	0.50	1.00	0.50	0.25	0.63	0.54	0.72	0.39	
1.00	1.50	0.50	1.00	1.00	0.50	0.74	0.62	0.57	0.36	
1.00	1.50	1.00	2.00	1.00	0.50	0.72	0.77	1.00	0.78	
1.50	1.50	1.00	2.00	2.00	1.00	0.84	0.98	0.69	0.68	
							0.710	3.25	2.28	
							Average**	Total	Total	
							0.18	Lagoon	0.06	Lagoon
0.00	0.00	0.50	0.00	0.00	0.00	0.55	0.11	0.12	0.01	
1.00	1.00	0.50	1.00	2.00	0.75	0.71	0.70	0.82	0.57	
0.50	0.00	0.50	1.00	0.50	0.25	0.71	0.35	0.16	0.05	
1.00	1.50	0.50	2.00	1.00	0.75	0.88	0.76	0.75	0.57	
1.00	1.50	0.75	2.00	1.50	1.00	0.99	0.87	0.36	0.31	
1.00	1.50	1.00	2.00	1.50	1.00	0.86	0.89	1.21	1.07	
1.00	1.50	1.00	1.00	0.50	0.25	0.89	0.61	0.61	0.38	
0.50	1.50	1.00	1.00	1.00	0.75	0.94	0.67	0.08	0.05	
							0.735	4.17	3.02	
							Average**	Total	Total	
							0.17	Lagoon	0.30	Lagoon
0.50	0.00	0.00	1.00	0.50	0.25	0.26	0.25	0.16	0.04	
1.00	1.00	0.00	1.00	1.00	0.50	0.31	0.48	0.66	0.32	
0.00	0.00	0.25	1.00	0.00	0.00	0.29	0.15	0.73	0.11	
1.00	1.00	0.00	1.00	1.50	0.75	0.37	0.56	0.37	0.21	
0.00	0.00	0.50	0.00	0.00	0.00	0.35	0.08	0.27	0.02	
0.50	1.50	0.25	1.00	0.50	0.50	0.49	0.47	1.33	0.63	

	HR_MN_8	Mission	d/s S.B. Museum of Natural History	Rattlesnake Ck. conf.	2/8/2001	1
	HR_MN_9	Mission	Rattlesnake Ck. conf.	d/s boundary S.B. Botanic Gardens	5/2/2001	1
	HR_MN_10	Mission	d/s boundary S.B. Botanic Gardens	BR_MN_15	5/2/2001	1
	HR_MN_11	Mission	BR_MN_15	BR_MN_21	5/2/2001	1
	HR_MN_RE_1	Rattlesnake	Mission Ck. conf.	BR_MN_RE_6	4/19/2001	1
	HR_MN_RE_2	Rattlesnake	BR_MN_RE_6	BR_MN_RE_14	4/23/2001	1

0.50	1.50	0.75	2.00	1.00	0.50	0.76	0.70	
0.50	1.50	1.00	1.00	1.00	0.50	0.79	0.63	
1.00	1.50	1.00	1.00	1.00	0.50	0.84	0.68	
1.00	1.50	1.00	2.00	2.00	1.00	0.90	0.94	
1.00	1.50	0.75	2.00	1.00	0.50	0.83	0.76	
1.50	1.50	1.00	2.00	2.00	0.75	0.85	0.96	
							0.633	
							Average**	

1.02	0.72
0.50	0.31
0.63	0.43
0.83	0.78
1.31	0.99
1.16	1.11
9.26	5.67
Total	Total

Arroyo Burro	HR_AB_1	Arroyo Burro	Lagoon mouth	BR_AB_1	7/14/2001	1
	HR_AB_2	Arroyo Burro	BR_AB_1	BR_AB_3	7/14/2001	1
	HR_AB_3	Arroyo Burro	BR_AB_3	d/s end of BR_AB_10	7/17/2001	1
	HR_AB_4	Arroyo Burro	d/s end of BR_AB_10	u/s end of BR_AB_11	7/17/2001	1
	HR_AB_SR_1	San Roque	Arroyo Burro conf.	BR_AB_SR_3	7/17/2001	1
	HR_AB_SR_2	San Roque	BR_AB_SR_3	Highway 192 Bridge Crossing	7/25/2001	1
	HR_AB_SR_3	San Roque	Highway 192 Bridge Crossing	BR_AB_SR_11	9/7/2001	1
	HR_AB_SR_4	San Roque	BR_AB_SR_11	BR_AB_SR_16	9/7/2001	1

0.50	0.50	0.25	2.00	0.50	0.50	0.63	0.49	
1.00	1.00	0.25	2.00	1.00	0.50	0.74	0.65	
0.00	0.00	0.50	1.00	0.00	0.00	0.17	0.17	
0.50	1.00	0.25	1.00	0.50	0.25	0.38	0.39	
0.50	1.00	0.25	0.00	0.00	0.00	0.77	0.25	
0.50	1.00	0.50	1.00	0.50	0.50	0.74	0.47	
1.00	1.50	1.00	1.00	1.00	0.75	0.85	0.71	
							0.538	
							Average**	

0.30	Lagoon
1.54	0.75
0.91	0.59
0.36	0.06
0.44	0.17
0.72	0.18
0.54	0.25
2.40	1.71
7.21	3.72
Total	Total

Atascadero*	HR_AO_1	Atascadero	Goleta Sough mouth	BR_AO_1	5/22/2001	1
	HR_AO_2	Atascadero	BR_AO_1	d/s end of BR_AO_5	5/22/2001	1
	HR_AO_3	Atascadero	d/s end of BR_AO_5	u/s end of BR_AO_5	6/28/2001	1
	HR_AO_4	Atascadero	u/s end of BR_AO_5	Cieneguitas Ck. conf.	6/28/2001	1
	HR_AO_CS_1	Cieneguitas	Atascadero Ck. conf.	BR_AO_CS_3	6/28/2001	1
	HR_AO_CS_2	Cieneguitas	BR_AO_CS_3	d/s end of BR_AO_CS_6	6/28/2001	1
	HR_AO_CS_3	Cieneguitas	d/s end of BR_AO_CS_6	u/s end of BR_AO_CS_6	6/28/2001	1
	HR_AO_CS_4	Cieneguitas	u/s end of BR_AO_CS_6	d/s end of BR_AO_CS_7	6/28/2001	1
	HR_AO_CS_5	Cieneguitas	d/s end of BR_AO_CS_7	u/s end of BR_AO_CS_7	6/28/2001	1
	HR_AO_CS_6	Cieneguitas	u/s end of BR_AO_CS_7	BR_AO_CS_12 (Elev 260')		5
	HR_AO_MY_1	Maria Ygnacio	Atascadero Ck. conf.	BR_AO_MY_3	5/22/2001	1
	HR_AO_MY_2	Maria Ygnacio	BR_AO_MY_3	BR_AO_MY_6	5/22/2001	1
	HR_AO_MY_3	Maria Ygnacio	BR_AO_MY_6	BR_AO_MY_19	5/22/2001	2
	HR_AO_MY_4	Maria Ygnacio	BR_AO_MY_19	BR_AO_MY_20	1/20/2001	4
	HR_AO_MY_SA_1	San Antonio	Maria Ygnacio Ck. conf.	2.28 stream miles u/s from Maria Ygnacio Ck.	5/10/2001	1
	HR_AO_MY_SA_2	San Antonio	2.28 stream miles u/s from Maria Ygnacio Ck.	BR_AO_MY_SA_5	5/19/2001	1
	HR_AO_MY_SA_3	San Antonio	BR_AO_MY_SA_5	E.F./W.F. conf.	8/19/2001	1
	HR_AO_MY_SA_EF_1	E.F. San Antonio	W.F. San Antonio Ck. conf.	BR_AO_MY_SA_EF_3	8/19/2001	1
	HR_AO_MY_SA_WF_1	W.F. San Antonio	E.F. San Antonio Ck. conf.	BR_AO_MY_SA_WF_1 (Elev 740')	8/19/2001	1

0.00	0.50	0.00	1.00	1.00	0.50	0.51	0.35	
0.00	0.00	0.25	1.00	0.00	0.00	0.31	0.16	
0.50	0.50	0.00	1.00	0.50	0.50	0.59	0.36	
0.00	0.00	0.25	1.00	0.50	0.25	0.64	0.26	
0.50	0.50	0.25	1.00	0.50	0.50	0.49	0.37	
0.00	0.00	0.50	0.00	0.00	0.00	0.27	0.08	
0.50	0.50	0.50	1.00	0.00	0.25	0.14	0.29	
0.00	0.00	0.50	0.00	0.00	0.00	0.23	0.07	
0.50	0.50	0.50	1.00	0.00	0.25	0.45	0.32	
0.50	0.00	0.00	1.00	0.50	0.25	0.46	0.27	
0.50	0.50	0.00	1.00	0.50	0.25	0.55	0.33	
1.00	1.00	0.25	2.00	1.00	0.75	0.63	0.66	
1.00	1.50	1.00	2.00	2.00	0.75	0.71	0.90	
0.50	0.50	0.25	1.00	0.50	0.25	0.59	0.36	
1.00	0.50	0.50	1.00	0.50	0.50	0.83	0.48	
1.00	1.00	0.75	1.00	1.00	0.75	0.68	0.62	
1.00	1.00	1.00	1.00	0.50	0.25	0.81	0.56	
1.00	1.50	1.00	2.00	1.00	1.00	0.86	0.84	
							0.455	
							Average**	

1.03	Slough
2.09	0.73
0.44	0.07
0.28	0.10
0.12	0.03
0.49	0.18
0.15	0.01
0.07	0.02
0.05	0.00
1.24	0.40
0.78	0.21
1.24	0.41
2.24	1.49
0.56	0.50
2.28	0.82
0.46	0.22
1.03	0.64
1.34	0.74
0.47	0.39
16.36	6.97
Total	Total

San Jose*	HR_AO_SJ_1	San Jose	Atascadero Ck. conf.	d/s end of BR_AO_SJ_1	6/15/2001	1
	HR_AO_SJ_2	San Jose	d/s end of BR_AO_SJ_1	u/s end of BR_AO_SJ_1	6/15/2001	1
	HR_AO_SJ_3	San Jose	u/s end of BR_AO_SJ_1	BR_AO_SJ_3	6/15/2001	1
	HR_AO_SJ_4	San Jose	BR_AO_SJ_3	BR_AO_SJ_6	6/15/2001	2
	HR_AO_SJ_5	San Jose	BR_AO_SJ_6	BR_AO_SJ_9	1/20/2001	4
	HR_AO_SJ_WF_1	W.F. San Jose	San Jose Ck. conf.	BR_AO_SJ_WF_2	1/20/2001	4
	HR_AO_SJ_SP_1	San Pedro	San Jose Ck. conf.	Fowler Road Bridge	6/21/2001	1
	HR_AO_SJ_SP_2	San Pedro	Fowler Road Bridge	d/s end BR_AO_SJ_SP_3	6/21/2001	1
	HR_AO_SJ_SP_3	San Pedro	d/s end BR_AO_SJ_SP_3	u/s end of BR_AO_SJ_SP_3	6/21/2001	1
	HR_AO_SJ_SP_4	San Pedro	u/s end of BR_AO_SJ_SP_3	BR_AO_SJ_SP_7	6/21/2001	1
	HR_AO_SJ_SP_5	San Pedro	BR_AO_SJ_SP_7	BR_AO_SJ_SP_8	6/21/2001	3

0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.13	
0.50	0.50	0.00	1.00	0.50	0.50	0.61	0.36	
1.00	0.50	0.50	2.00	1.00	0.50	0.85	0.64	
1.50	1.50	1.00	2.00	2.00	1.00	0.85	0.99	
1.00	1.50	1.00	2.00	1.00	0.50	0.91	0.79	
							0.16	
							Slough	
0.00	0.00	0.00	1.00	0.00	0.25	0.25	0.15	
0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.03	
0.50	0.50	0.25	1.00	0.50	0.25	0.58	0.36	
1.00	1.00	0.50	2.00	1.00	0.50	0.85	0.68	
							0.515	
							Average**	

0.48	Slough
0.78	0.01
2.02	0.73
1.32	0.84
1.38	1.36
0.52	0.41
0.40	Slough
1.08	0.16
0.29	0.01
0.61	0.22
2.26	1.55
11.14	3.74
Total	Total

Tecolotito*	HR_AO_TO_1	Tecolotito	Atascadero Ck. conf.	Glen Annie/Careros Ck. conf.	6/14/2001	2
	HR_AO_TO_GA_1	Glen Annie	Careros Ck. conf.	Hollister Road bridge	6/14/2001	1
	HR_AO_TO_GA_2	Glen Annie	Hollister Road Bridge	d/s end of BR_AO_TO_GA_5	6/14/2001	1
	HR_AO_TO_GA_3	Glen Annie	d/s end of BR_AO_TO_GA_5	d/s end of BR_AO_TO_GA_9	6/14/2001	1
	HR_AO_TO_GA_4	Glen Annie	d/s end of BR_AO_TO_GA_9	u/s end of BR_AO_TO_GA_9	6/14/2001	1
	HR_AO_TO_GA_5	Glen Annie	u/s end of BR_AO_TO_GA_9	West Fork conf.	12/1/2001	3
	HR_AO_TO_GA_6	Glen Annie	W.F. Glen Annie Ck. conf.	McCoy Ck. conf.	1/20/2001	4
	HR_AO_TO_GA_MY_1	McCoy	Glen Annie Ck. conf.	BR_AO_TO_GA_MY_1	1/20/2001	4

0.00	0.00	0.00	1.00	0.00	0.25	0.16	0.14	
0.50	0.50	0.00	1.00	1.00	0.50	0.26	0.38	
0.00	0.00	0.25	1.00	0.50	0.25	0.15	0.22	
0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.01	
0.50	0.50	0.25	1.00	0.50	0.25	0.72	0.37	
1.00	1.00	0.50	1.00	0.50	0.50	0.89	0.54	
1.00	1.00	1.00	1.00	1.00	0.75	0.84	0.66	
							0.398	
							Average**	

1.91	Slough
0.31	0.04
0.54	0.20
0.32	0.07
0.16	0.00
2.22	0.82
0.59	0.32
0.71	0.47
6.76	1.93
Total	Total

Tecolote	HR_TE_1	Tecolote	Lagoon mouth	d/s end of BR_TE_1	5/30/2001	1
	HR_TE_2	Tecolote	d/s end of BR_TE_1	u/s end of BR_TE_1	5/30/2001	1
	HR_TE_3	Tecolote	u/s end of BR_TE_1	BR_TE_22	5/30/2001	1
	HR_TE_4	Tecolote	BR_TE_22	BR_TE_25	5/30/2001	2

0.00	0.00	0.00	1.00	0.00	0.00	0.32	0.13	
0.50	0.50	0.25	1.00	1.00	0.50	0.65	0.44	
1.00	1.00	0.50	2.00	1.50	0.75	0.85	0.76	
							0.668	
							Average**	

0.26	Lagoon
0.08	0.01
0.95	0.42
2.79	2.12
4.08	2.55
Total	Total

Dos Pueblos	HR_DP_1	Dos Pueblos	d/s end BR_DP_1	u/s end BR_DP_1	8/15/2001	4
	HR_DP_2	Dos Pueblos	u/s end BR_DP_1	Elevation 220'	3/8/2001	4
	HR_DP_3	Dos Pueblos	Elevation 220'	Elevation 380'	8/15/2001	4
	HR_DP_4	Dos Pueblos	Elevation 380'	W.F./E.F. conf.	8/15/2001	4
	HR_DP_WF_1	W.F. Dos Pueblos	W.F./E.F. conf.	BR_DP_WF_1	8/15/2001	4
	HR_DP_EF_1	E.F. Dos Pueblos	W.F./E.F. conf.	BR_DP_EF_1	8/15/2001	4

0.50	0.50	0.00	1.00	1.00	0.50	0.65	0.42
1.00	0.50	0.50	1.00	1.00	0.50	0.83	0.53
0.50	0.50	0.50	0.00	0.50	0.25	0.91	0.32
1.00	1.50	1.00	2.00	2.00	1.00	0.86	0.94
1.00	1.50	1.00	2.00	2.00	1.00	0.96	0.95
1.00	1.50	1.00	2.00	2.00	1.00	0.91	0.94
							0.649
							Average**

0.20	0.08
1.82	0.97
0.88	0.28
1.33	1.25
0.12	0.12
0.45	0.43
4.81	3.12
Total	Total

Gato	HR_GO_1	Gato	Lagoon mouth	50' u/s from mouth	8/15/2001	4
	HR_GO_2	Gato	50' u/s from mouth	BR_GO_3	8/15/2001	4
	HR_GO_3	Gato	BR_GO_3	Elevation 500'	8/15/2001	4
	HR_GO_4	Gato	Elevation 500'	Elevation 800'	8/15/2001	4
	HR_GO_5	Gato	Elevation 800'	BR_GO_8	8/15/2001	4
	HR_GO_6	Gato	BR_GO_8	BR_GO_9	8/15/2001	4

						0.10	Lagoon
0.50	0.50	0.75	1.00	0.50	0.25	0.55	0.40
0.50	0.50	0.75	0.00	0.00	0.25	0.54	0.25
1.00	1.00	1.00	1.00	1.00	0.50	0.74	0.62
1.50	1.50	1.00	1.00	1.50	0.75	0.82	0.81
1.50	1.50	1.00	2.00	1.50	1.00	0.98	0.95
							0.494
							Average**

0.01	Lagoon
0.63	0.26
1.42	0.36
0.88	0.55
0.76	0.62
0.10	0.09
3.80	1.87
Total	Total

El Capitan	HR_EC_1	El Capitan	Creek mouth	BR_EC_4	12/12/2000	1
	HR_EC_2	El Capitan	BR_EC_4	Water tanks	12/21/2000	1
	HR_EC_3	El Capitan	Water tanks	1.06 miles u/s from Water tanks	12/21/2000	1
	HR_EC_4	El Capitan	1.06 miles u/s from Water tanks	BR_EC_7	4/17/2001	1
	HR_EC_WF_1	W.F. El Capitan	El Capitan Ck. conf.	BR_EC_WF_2	8/11/2001	1

0.50	1.00	0.50	2.00	1.00	0.75	0.69	0.64
0.50	1.00	0.75	1.00	0.50	0.25	0.57	0.46
1.00	1.50	0.75	2.00	1.00	0.50	0.74	0.75
1.50	1.50	1.00	2.00	2.00	1.00	0.88	0.99
1.00	1.50	1.00	1.00	1.00	0.50	0.82	0.68
							0.733
							Average**

0.49	0.32
1.09	0.50
1.06	0.80
1.57	1.55
1.40	0.95
5.62	4.12
Total	Total

Corral	HR_CL_1	Corral	Lagoon mouth	d/s end of BR_CL_1	5/18/2001	1
	HR_CL_2	Corral	d/s end of BR_CL_1	u/s end of BR_CL_1	5/18/2001	2
	HR_CL_3	Corral	u/s end of BR_CL_1	BR_CL_7	8/15/2001	4
	HR_CL_4	Corral	BR_CL_7	BR_CL_8	8/15/2001	4
	HR_CL_WF_1	W.F. Corral	Corral Ck. conf.	BR_CL_WF_1	8/15/2001	4
	HR_CL_EF_1	E.F. Corral	Corral Ck. conf.	BR_CL_EF_1	8/15/2001	4
	HR_CL_LF_1	Las Flores	Corral Ck. conf.	d/s end of BR_CL_LF_1	8/15/2001	4
	HR_CL_LF_2	Las Flores	d/s end of BR_CL_LF_1	u/s end of BR_CL_LF_1	8/15/2001	4
	HR_CL_LF_3	Las Flores	u/s end of BR_CL_LF_1	BR_CL_LF_2	8/15/2001	4

						0.10	Lagoon
0.00	0.00	0.75	1.00	0.50	0.25	0.13	0.26
1.00	1.00	0.50	1.00	0.50	0.50	0.66	0.52
1.50	1.50	1.00	2.00	2.00	1.00	0.91	0.99
1.50	1.50	1.00	1.00	1.00	0.50	0.93	0.74
1.50	1.50	1.00	1.00	1.00	0.50	0.80	0.73
0.50	1.00	0.00	1.00	0.00	0.25	0.65	0.34
0.00	0.00	0.75	1.00	0.00	0.00	0.18	0.19
1.00	1.50	0.75	2.00	1.50	0.50	0.80	0.80
							0.748
							Average**

0.05	Lagoon
0.04	0.01
1.55	0.80
2.48	2.46
0.89	0.66
0.09	0.07
0.03	0.01
0.50	0.10
1.30	1.05
6.94	5.15
Total	Total

Refugio	HR_RE_1	Refugio	Lagoon mouth	d/s end of BR_RE_1	5/18/2001	1
	HR_RE_2	Refugio	d/s end of BR_RE_1	u/s end of BR_RE_2	6/1/2001	1
	HR_RE_3	Refugio	u/s end of BR_RE_2	BR_RE_4	6/1/2001	1
	HR_RE_4	Refugio	BR_RE_4	BR_RE_6	6/1/2001	1
	HR_RE_5	Refugio	BR_RE_6	500' u/s BR_RE_7	6/1/2001	1
	HR_RE_6	Refugio	500' u/s BR_RE_7	BR_RE_13	9/10/2001	3
	HR_RE_WF_1	W.F. Refugio	Refugio Ck. conf.	BR_RE_WF_2		5
	HR_RE_WF_WNF_1	W.N.F. Refugio	West Fork conf.	BR_RE_WF_WNF_1		5
	HR_RE_EF_1	E.F. Refugio	Refugio Ck. conf.	BR_RE_EF_1	9/10/2001	4

						0.30	Lagoon
0.00	0.00	0.00	2.00	0.50	0.50	0.19	0.32
0.50	1.00	0.25	2.00	1.00	0.50	0.68	0.59
0.50	0.50	0.25	1.00	0.50	0.25	0.67	0.37
0.50	1.00	0.50	0.00	0.00	0.00	0.69	0.27
1.00	1.50	1.00	2.00	1.00	0.75	0.93	0.82
1.00	1.50	1.00	2.00	1.00	0.75	0.99	0.82
1.00	1.50	1.00	2.00	1.00	0.75	0.98	0.82
1.00	1.50	1.00	1.00	1.00	0.75	0.86	0.71
							0.575
							Average**

0.12	Lagoon
0.22	0.07
0.29	0.17
1.71	0.63
0.58	0.16
1.66	1.36
0.15	0.12
0.06	0.05
0.93	0.66
5.72	3.22
Total	Total

Tajiguas	HR_TS_1	Tajiguas	Lagoon mouth	d/s end of BR_TS_1	3/8/2001	1
	HR_TS_2	Tajiguas	d/s end of BR_TS_1	u/s end of BR_TS_1	3/8/2001	2
	HR_TS_3	Tajiguas	u/s end of BR_TS_1	BR_TS_7	8/15/2001	4
	HR_TS_4	Tajiguas	BR_TS_7	BR_TS_13	8/15/2001	4
	HR_TS_5	Tajiguas	BR_TS_13	BR_TS_14	8/15/2001	4
	HR_TS_NF_1	N.F. Tajiguas	Tajiguas Ck. conf.	BR_TS_NF_1	8/15/2001	4
	HR_TS_WF_1	W.F. Tajiguas	Tajiguas Ck. conf.	BR_TS_WF_1	8/15/2001	4
	HR_TS_WF_WNF_1	W.N.F. Tajiguas	W.F. Tajiguas Ck. conf.	BR_TS_WF_WNF_1	8/15/2001	4

						0.20	Lagoon
0.00	0.00	0.50	1.00	0.00	0.25	0.10	0.19
1.00	0.50	0.25	1.00	1.00	0.50	0.54	0.48
1.00	1.00	1.00	2.00	2.00	1.00	0.88	0.89
1.00	1.00	1.00	1.00	1.00	0.50	0.74	0.62
1.00	1.00	1.00	1.00	0.50	0.25	0.98	0.57
1.00	1.00	1.00	1.00	1.50	0.50	0.92	0.69
1.00	1.00	1.00	1.00	0.50	0.50	0.95	0.59
							0.577
							Average**

0.02	Lagoon
0.06	0.01
2.80	1.34
0.61	0.55
0.75	0.47
0.21	0.12
0.62	0.43
0.20	0.12
5.28	3.04
Total	Total

Arroyo Quemado	HR_AQ_1	Arroyo Quemado	Lagoon mouth	d/s end of BR_AQ_2	8/15/2001	4
	HR_AQ_2	Arroyo Quemado	d/s end of BR_AQ_2	u/s end of BR_AQ_2	12/5/2001	1
	HR_AQ_3	Arroyo Quemado	u/s end of BR_AQ_2	BR_AQ_4	12/5/2001	1
	HR_AQ_4	Arroyo Quemado	BR_AQ_4	BR_AQ_8	12/5/2001	1

						0.45	Lagoon
0.00	0.00	1.00	1.00	0.00	0.25	0.33	0.26
0.50	0.50	0.25	1.00	0.50	0.25	0.63	0.36
1.00	1.00	1.00	1.00	1.00	0.50	0.88	0.64
							0.504
							Average**

0.11	Lagoon
0.08	0.02
0.96	0.35
1.14	0.72
2.28	1.09
Total	Total

Arroyo Hondo	HR_AH_1	Arroyo Hondo	Lagoon mouth	d/s end of BR_AH_1	1/30/2001	1
	HR_AH_2	Arroyo Hondo	d/s end of BR_AH_1	u/s end of BR_AH_1	1/30/2001	1
	HR_AH_3	Arroyo Hondo	u/s end of BR_AH_1	0.8 mile u/s mouth	1/30/2001	1
	HR_AH_4	Arroyo Hondo	0.8 mile u/s mouth	BR_AH_4	1/31/2001	1

						0.10	Lagoon
0.00	0.00	1.00	2.00	0.00	0.00	0.23	0.32
1.00	1.50	0.25	2.00	1.50	0.75	0.71	0.77
1.50	1.50	1.00	2.00	2.00	1.00	0.91	0.99

0.02	Lagoon
0.07	0.02
0.71	0.54
1.10	1.09

							0.885 Average**		1.89 Total		1.65 Total					
San Onofre	HR_SO_1	San Onofre	Creek mouth	d/s end of BR_SO_1	5/18/2001	1	1.00	1.50	0.75	1.00	1.00	0.50	0.41	0.62	0.11	0.07
	HR_SO_2	San Onofre	d/s end of BR_SO_1	u/s end of BR_SO_1	5/18/2001	2	0.00	0.00	0.25	1.00	0.00	0.00	0.23	0.15	0.04	0.01
	HR_SO_3	San Onofre	u/s end of BR_SO_1	BR_SO_4	8/15/2001	4	1.00	1.50	1.00	1.00	1.00	0.50	0.73	0.67	0.67	0.45
							0.637 Average**		0.82 Total		0.52 Total					
Gaviota	HR_GA_1	Gaviota	Lagoon mouth	u/s end of lagoon (500' d/s from BR_GA_1)	1/9/2001	1							0.28	Lagoon	0.25	Lagoon
	HR_GA_2	Gaviota	u/s end of lagoon (500' d/s from BR_GA_1)	100' d/s of BR_GA_2	1/9/2001	1	0.50	0.50	0.00	2.00	0.50	0.50	0.71	0.47	1.11	0.52
	HR_GA_3	Gaviota	100' d/s of BR_GA_2	2.13 miles u/s of Lagoon	1/9/2001	1	1.00	1.00	0.50	2.00	2.00	1.00	0.39	0.79	1.02	0.80
	HR_GA_4	Gaviota	2.13 miles u/s of Lagoon	Las Cruces Ck. conf.	1/16/2001	1	0.50	0.50	0.25	2.00	1.00	0.50	0.50	0.53	1.19	0.63
	HR_GA_5	Gaviota	Las Cruces Ck. conf.	u/s end of BR_GA_19	1/16/2001	2	0.50	0.50	0.50	0.00	0.00	0.25	0.18	0.19	0.28	0.05
	HR_GA_6	Gaviota	u/s end of BR_GA_19	BR_GA_25	8/15/2001	2	1.00	1.00	0.75	2.00	1.50	0.75	0.69	0.77	2.75	2.12
	HR_GA_SF_1	S.F. Gaviota	Gaviota Ck. conf.	BR_GA_SF_2	8/15/2001	4	1.00	1.00	1.00	2.00	1.50	0.75	0.82	0.81	0.29	0.24
	HR_GA_WF_1	W.F. Gaviota	Gaviota Ck. conf.	BR_GA_WF_2	1/7/2001	1	0.50	0.50	0.50	1.00	1.00	0.75	0.65	0.49	0.65	0.32
	HR_GA_WF_2	W.F. Gaviota	BR_GA_WF_2	d/s end of BR_GA_WF_5	7/18/2001	2	0.50	0.50	0.50	1.00	1.00	0.75	0.64	0.49	0.45	0.22
	HR_GA_WF_3	W.F. Gaviota	d/s end of BR_GA_WF_5	u/s end of BR_GA_WF_5	1/10/2002	1	0.00	0.00	0.25	1.00	0.00	0.00	0.29	0.15	0.22	0.03
	HR_GA_WF_4	W.F. Gaviota	u/s end of BR_GA_WF_5	BR_GA_WF_8	8/15/2001	4	0.50	0.50	0.50	1.00	0.50	0.50	0.51	0.40	0.89	0.36
	HR_GA_WF_5	W.F. Gaviota	BR_GA_WF_8	BR_GA_WF_10	8/15/2001	4	0.50	0.50	0.50	0.00	0.00	0.00	0.42	0.19	2.25	0.43
	HR_GA_WF_LN_1	Las Nutrias	West Fork conf.	BR_GA_WF_LN_2	8/15/2001	4	1.00	1.00	1.00	1.00	1.00	0.75	0.84	0.66	1.75	1.15
	HR_GA_CA_1	Las Canovas	d/s end of BR_GA_CA_1	u/s end of BR_GA_CA_1	1/7/2001	1	0.50	1.50	1.00	2.00	0.75	1.00	0.38	0.71	0.06	0.04
	HR_GA_CA_2	Las Canovas	u/s end of BR_GA_CA_1	Hot Springs Ck. conf.	1/7/2001	1	1.00	1.50	0.75	2.00	1.00	0.75	0.88	0.79	0.18	0.14
	HR_GA_CA_3	Las Canovas	Hot Springs Ck. conf.	BR_GA_CA_2	1/7/2001	2	1.00	1.50	1.00	1.00	0.50	0.50	0.91	0.64	0.43	0.28
	HR_GA_CA_NF_1	N.F. Las Canovas	Las Canovas Ck. conf.	BR_GA_CA_NF_2	8/15/2001	4	0.50	0.50	1.00	0.00	0.50	0.25	0.68	0.34	0.21	0.07
	HR_GA_CA_SF_1	S.F. Las Canovas	Las Canovas Ck. conf.	BR_GA_CA_SF_1	8/15/2001	4	0.50	1.50	1.00	1.00	0.00	0.25	0.93	0.52	0.04	0.02
	HR_GA_CR_1	Las Cruces	Gaviota Ck. conf.	E.F. Las Cruces Ck. conf.	8/15/2001	4	0.50	0.50	0.25	1.00	0.50	0.25	0.49	0.35	2.00	0.70
	HR_GA_CR_2	Las Cruces	E.F. Las Cruces Ck. conf.	BR_GA_CR_4	8/15/2001	4	0.00	0.50	0.50	0.00	0.00	0.00	0.43	0.14	1.81	0.26
	HR_GA_CR_EF_1	E.F. Las Cruces	Las Cruces Ck. conf.	2 North Trib. E.F. Las Cruces Ck. conf.	8/15/2001	4	0.50	0.50	0.50	1.00	0.50	0.25	0.43	0.37	0.78	0.29
	HR_GA_CR_EF_2	E.F. Las Cruces	2 North Trib. E.F. Las Cruces Ck. conf.	BR_GA_CR_EF_2	8/15/2001	4	0.00	0.50	0.75	0.00	0.00	0.00	0.36	0.16	1.37	0.22
	HR_GA_CR_EF_1N_1	1 North Trib. E.F.	E.F. Las Cruces Ck. conf.	BR_GA_CR_EF_1N_1	8/15/2001	4	0.50	0.50	0.75	1.00	0.50	0.25	0.33	0.38	0.88	0.34
	HR_GA_CR_EF_2N_1	2 North Trib. E.F.	E.F. Las Cruces Ck. conf.	BR_GA_CR_EF_1N_1	8/15/2001	4	0.00	0.50	0.75	0.00	0.00	0.00	0.65	0.19	0.81	0.15
	HR_GA_CR_WF_1	W.F. Las Cruces	Las Cruces Ck. conf.	BR_GA_CR_WF_1	8/15/2001	4	0.50	0.50	0.50	1.00	0.50	0.25	0.42	0.37	1.36	0.50
								0.434 Average**		23.05 Total		9.89 Total				
Santa Anita	HR_SA_1	Santa Anita	Lagoon mouth	BR_SA_1	8/15/2001	4							0.48	Lagoon	0.19	Lagoon
	HR_SA_2	Santa Anita	BR_SA_1	Elevation 320'	8/15/2001	4	1.00	1.00	0.50	2.00	0.50	0.50	0.66	0.62	2.21	1.36
	HR_SA_3	Santa Anita	Elevation 320'	BR_SA_8	8/15/2001	4	1.00	1.00	1.00	2.00	2.00	0.75	0.61	0.84	0.18	0.15
							0.632 Average**		2.58 Total		1.51 Total					
Cojo	HR_CO_1	Cojo	Lagoon mouth	BR_CO_1	8/12/2001	1							0.10	Lagoon	0.05	Lagoon
	HR_CO_2	Cojo	BR_CO_1	BR_CO_7	8/15/2001	4	1.00	1.00	0.50	1.00	1.00	0.50	0.63	0.56	2.86	1.61
	HR_CO_LO_1	La Olla	Cojo Ck. conf.	BR_CO_LO_1	8/15/2001	4	1.00	1.00	1.00	0.00	0.00	0.00	0.88	0.39	0.81	0.31
							0.525 Average**		3.72 Total		1.93 Total					
Jalama	HR_JA_1	Jalama	Lagoon mouth	u/s side of UPRR crossing	7/18/2001	1							0.30	Lagoon	0.18	Lagoon
	HR_JA_2	Jalama	u/s side of UPRR crossing	Escondido Ck. conf.	7/18/2001	2	1.00	1.00	0.25	2.00	1.50	0.75	0.48	0.70	3.54	2.47
	HR_JA_3	Jalama	Escondido Ck. conf.	BR_JA_5	8/15/2001	4	1.00	1.00	0.25	1.00	1.00	0.50	0.67	0.54	4.95	2.68
	HR_JA_4	Jalama	BR_JA_5	BR_JA_6	8/15/2001	4	1.00	1.00	0.50	0.00	0.50	0.25	0.94	0.42	1.14	0.48
	HR_JA_EA_1	Espada	Jalama Ck. conf.	BR_JA_EA_3	8/15/2001	4	1.00	1.00	0.75	2.00	0.50	0.25	0.39	0.59	2.25	1.32
	HR_JA_GR_1	Gaspar	Jalama Ck. conf.	BR_JA_GR_3	8/15/2001	4	1.00	1.00	1.00	2.00	0.50	0.25	0.49	0.62	2.30	1.43
	HR_JA_EO_1	Escondido	Jalama Ck. conf.	BR_JA_EO_4	8/15/2001	4	1.00	1.00	0.75	2.00	0.50	0.25	0.66	0.62	2.76	1.70
	HR_JA_EO_EF_1	E.F. Escondido	Escondido Ck. conf.	BR_JA_EO_EF_4	8/15/2001	4	1.00	1.00	0.75	1.00	0.00	0.25	0.53	0.45	1.25	0.57
	HR_JA_EO_EF_1S_1	1 South Trib E.F.	E.F. Escondido Ck. conf.	BR_JA_EO_EF_1S_2	8/15/2001	4	1.00	1.00	1.00	0.00	0.00	0.00	0.47	0.35	0.37	0.13
	HR_JA_SR_1	Sutter	Jalama Ck. conf.	BR_JA_SR_1	8/15/2001	4	1.00	1.00	0.50	1.00	0.50	0.25	0.82	0.51	0.96	0.49
	HR_JA_NF_1	N.F. Jalama	Jalama Ck. conf.	BR_JA_NF_1	8/15/2001	5	1.00	1.00	0.50	1.00	0.50	0.25	0.61	0.49	1.48	0.72
							0.571 Average**		21.18 Total		11.99 Total					

*Sub-watersheds of the Goleta Slough Watershed
** Average Habitat Quality is normalized for reach lengths

u/s=upstream
d/s=downstream
conf. =confluence
Trib= tributary
BR= Barrier ID
Elevations and other measurements with (') are in feet.