

Marine Life Protection Act Initiative

SAT Water Quality Evaluations: External MPA Array Score Summary Handouts

March 22, 2010

Raw Scoring Table for External A* Based on SAT Water Quality Evaluation Methods

MPA	Stormwater and Other Nonpoint Source Discharge	Wastewater Discharge	Co-located with ASBS	Average Score	Weighted Score	MPA Shoreline Length (miles)
<i>Coastal</i>						
Albion Mobile SMCA	1.00	1.00	0.00	0.67	0.07	6.31
Crescent City Mobile SMCA	1.00	1.00	0.64	0.88	0.06	4.08
Eureka Mobile SMCA	1.00	1.00	0.00	0.67	0.05	3.89
Noyo Mobile SMCA	1.00	1.00	0.15	0.72	0.09	7.24
Point Arena Mobile SMCA	1.00	1.00	0.00	0.67	0.05	4.53
Point Cabrillo (FS) SMR	1.00	1.00	0.00	0.67	0.03	2.27
Punta Gorda (FS) SMCA	1.00	1.00	0.13	0.71	0.08	6.20
Pyramid Point (FS) SMCA	1.00	1.00	0.00	0.67	0.06	5.23
Reading Rock (FS) SMCA	1.00	1.00	1.00	1.00	0.06	3.17
Shelter Cove Mobile SMCA	1.00	1.00	1.00	1.00	0.04	2.39
Ten Mile (FS) SMR	1.00	1.00	0.00	0.67	0.08	6.83
Trinidad Mobile SMCA	0.00	1.00	0.00	0.33	0.03	4.25
Final Score	0.92	1.00	0.24	0.72	0.70	
<i>Bays/Estuary</i>						
Humboldt Bay SMRMA	1.00	1.00		1.00	0.89	2.44
Navarro River Estuary SMR	1.00	1.00		1.00	0.04	0.10
Ten Mile Estuary SMR	1.00	1.00		1.00	0.07	0.19
Final Score	1.00	1.00		1.00	1.00	

*Static

Raw Scoring Table for External B Based on SAT Water Quality Evaluation Methods

MPA	Stormwater and Other Nonpoint Source Discharge	Wastewater Discharge	Co-located with ASBS	Average Score	Weighted Score	MPA Shoreline Length (miles)
<i>Coastal</i>						
Eel River SMCA	1.00	1.00	0.00	0.67	0.09	3.87
Point Cabrillo SMCA	1.00	1.00	0.00	0.67	0.03	1.32
Point Cabrillo SMR	1.00	1.00	0.00	0.67	0.05	1.94
Punta Gorda SMR	1.00	1.00	0.00	0.67	0.13	5.33
Pyramid Point SMR	1.00	1.00	0.00	0.67	0.12	5.23
Reading Rock SMCA	1.00	1.00	1.00	1.00	0.12	3.34
Reading Rock SMR	1.00	1.00	1.00	1.00	0.08	2.28
Ten Mile Beach SMCA	1.00	1.00	0.00	0.67	0.02	0.76
Ten Mile SMR	1.00	1.00	0.00	0.67	0.09	3.84
Final Score	1.00	1.00	0.22	0.74	0.73	
<i>Bays/Estuary</i>						
Humboldt Bay SMRMA	1.00	1.00		1.00	0.85	1.84
Navarro River Estuary SMR	1.00	1.00		1.00	0.07	0.14
Ten Mile Estuary SMR	1.00	1.00		1.00	0.09	0.19
Final Score	1.00	1.00		1.00	1.00	

Raw Scoring Table for External C Based on SAT Water Quality Evaluation Methods

MPA	Stormwater and Other Nonpoint Source Discharge	Wastewater Discharge	Co-located with ASBS	Average Score	Weighted Score	MPA Shoreline Length (miles)
<i>Coastal</i>						
False Klamath Cove SMCA	1.00	1.00	1.00	1.00	0.05	2.46
MacKerricher	0.00	1.00	0.00	0.33	0.03	4.28
Point Cabrillo SMCA	1.00	1.00	0.00	0.67	0.04	3.23
Punta Gorda SMCA	1.00	1.00	0.33	0.78	0.09	6.48
Pyramid Point SMCA	1.00	1.00	0.00	0.67	0.06	5.07
Reading Rock Coastline SMCA	1.00	1.00	1.00	1.00	0.07	3.82
Reading Rock SMCA	1.00	1.00	0.26	0.75	0.13	9.26
Russian Gulch SMCA	1.00	1.00	0.00	0.67	0.05	3.96
Ten Mile SMCA	1.00	1.00	0.00	0.67	0.08	6.84
Van Damme	1.00	1.00	0.00	0.67	0.00	0.35
Vizcaino Outside SMCA	1.00	1.00	0.00	0.67	0.04	3.45
Vizcaino SMCA	1.00	1.00	0.00	0.67	0.06	5.04
Final Score	0.92	1.00	0.22	0.71	0.71	
						MPA Area (miles)
<i>Bays/Estuary</i>						
Albion River Estuary SMP	1.00	1.00		1.00	0.02	0.05
Big River Estuary SMP	1.00	1.00		1.00	0.09	0.22
Humboldt Bay SMRMA	1.00	1.00		1.00	0.77	1.84
Navarro River Estuary SMCA	1.00	1.00		1.00	0.04	0.09
Ten Mile Estuary SMCA	1.00	1.00		1.00	0.08	0.19
Final Score	1.00	1.00		1.00	1.00	

Raw Scoring Table for External D Based on SAT Water Quality Evaluation Methods

MPA	Stormwater and Other Nonpoint Source Discharge	Wastewater Discharge	Co-located with ASBS	Average Score	Weighted Score	MPA Shoreline Length (miles)
Coastal						
Big Flat SMCA	1.00	1.00	1.00	1.00	0.12	8.23
False Klamath SMCA	1.00	1.00	1.00	1.00	0.05	3.57
Gorda SMR	1.00	1.00	0.13	0.71	0.07	6.39
MacKerricher SMCA	0.00	1.00	0.00	0.33	0.02	4.43
Patrick's Point SMCA	1.00	1.00	0.00	0.67	0.07	7.33
Point Cabrillo Offshore SMCA	1.00	1.00	0.00	0.67	0.02	2.52
Point Cabrillo SMR	1.00	1.00	0.00	0.67	0.08	7.90
Pyramid Point SMR	1.00	1.00	0.00	0.67	0.05	5.05
Reading Rock SMCA	1.00	1.00	1.00	1.00	0.05	3.34
Reading Rock SMR	1.00	1.00	0.27	0.76	0.11	10.10
Usal SMR	1.00	1.00	0.00	0.67	0.08	8.53
Van Damme SMCA	1.00	1.00	0.00	0.67	0.00	0.35
Final Score	0.92	1.00	0.28	0.73	0.74	
Bays/Estuary						
Albion River Estuary SMP	1.00	1.00		1.00	0.01	0.05
Big River Estuary SMP	1.00	1.00		1.00	0.07	0.22
Navarro River Estuary SMR	1.00	1.00		1.00	0.03	0.09
South Bay Estuary SMRMA	1.00	1.00		1.00	0.36	1.21
South Humboldt Bay SMCA	1.00	1.00		1.00	0.48	1.60
Ten Mile River Estuary SMR	1.00	1.00		1.00	0.05	0.18
Final Score	1.00	1.00		1.00	1.00	

Raw Scoring Table for External E Based on SAT Water Quality Evaluation Methods

MPA	Stormwater and Other Nonpoint Source Discharge	Wastewater Discharge	Co-located with ASBS	Average Score	Weighted Score	MPA Shoreline Length (miles)
Coastal						
False Cape SMCA	1.00	1.00	0.00	0.67	0.04	3.90
False Klamath SMCA	1.00	1.00	1.00	1.00	0.09	6.22
MacKerricher SMCA	0.00	1.00	0.00	0.33	0.02	4.43
Point Cabrillo SMR	1.00	1.00	0.00	0.67	0.03	3.41
Punta Gorda SMR	1.00	1.00	0.28	0.76	0.09	7.72
Pyramid Point SMCA	1.00	1.00	0.00	0.67	0.04	3.97
Pyramid Point SMR	1.00	1.00	0.00	0.67	0.05	5.05
Reading Rock SMCA	1.00	1.00	1.00	1.00	0.05	3.13
Reading Rock SMR	1.00	1.00	0.27	0.76	0.11	10.10
Russian Gulch SMCA	1.00	1.00	0.00	0.67	0.04	3.71
S.E.A. Ten Mile SMR	1.00	1.00	0.00	0.67	0.07	7.49
Van Damme SMCA	1.00	1.00	0.00	0.67	0.00	0.35
Vizcaino SMCA	1.00	1.00	0.00	0.67	0.08	8.23
Final Score	0.92	1.00	0.20	0.71	0.71	
Bays/Estuary						MPA Area (miles)
Big River Estuary SMP	1.00	1.00		1.00	0.11	0.34
S.E.A. Ten Mile Estuary SMR	1.00	1.00		1.00	0.06	0.19
South Humboldt Bay SMRMA	1.00	1.00		1.00	0.82	2.44
Final Score	1.00	1.00		1.00	1.00	

Raw Scoring Table for External F Based on SAT Water Quality Evaluation Methods

MPA	Stormwater and Other Nonpoint Source Discharge	Wastewater Discharge	Co-located with ASBS	Average Score	Weighted Score	MPA Shoreline Length (miles)
Coastal						
Eel River SMCA	1.00	1.00	0.00	0.67	0.07	3.87
MacKerricher SMCA	0.00	1.00	0.00	0.33	0.04	4.43
Point Cabrillo SMCA	1.00	1.00	0.00	0.67	0.03	1.32
Point Cabrillo SMR	1.00	1.00	0.00	0.67	0.04	1.94
Punta Gorda SMR	1.00	1.00	0.00	0.67	0.10	5.30
Pyramid Point SMCA	1.00	1.00	0.00	0.67	0.08	4.03
Pyramid Point SMR	1.00	1.00	0.00	0.67	0.02	0.96
Reading Rock SMCA	1.00	1.00	1.00	1.00	0.10	3.46
Reading Rock SMR	1.00	1.00	1.00	1.00	0.07	2.41
Russian Gulch SMCA	1.00	1.00	0.00	0.67	0.04	1.88
Ten Mile Beach SMCA	1.00	1.00	0.00	0.67	0.01	0.76
Ten Mile SMR	1.00	1.00	0.00	0.67	0.07	3.84
Van Damme SMCA	1.00	1.00	0.00	0.67	0.01	0.35
Final Score	0.92	1.00	0.15	0.69	0.68	
Bays/Estuary						
Humboldt Bay SMRMA	1.00	1.00		1.00	0.85	1.84
Navarro River Estuary SMR	1.00	1.00		1.00	0.07	0.14
Ten Mile Estuary SMR	1.00	1.00		1.00	0.09	0.19
Final Score	1.00	1.00		1.00	1.00	

Raw Scoring Table for External G Based on SAT Water Quality Evaluation Methods



MPA	Stormwater and Other Nonpoint Source Discharge	Wastewater Discharge	Co-located with ASBS	Average Score	Weighted Score	Shoreline Length (miles)
<i>Coastal</i>						
Eel River SMCA	1.00	1.00	0.00	0.67	0.09	3.87
Point Cabrillo SMCA	1.00	1.00	0.00	0.67	0.03	1.32
Point Cabrillo SMR	1.00	1.00	0.00	0.67	0.05	1.94
Punta Gorda SMR	1.00	1.00	0.00	0.67	0.13	5.30
Pyramid Point SMCA	1.00	1.00	0.00	0.67	0.10	4.03
Pyramid Point SMR	1.00	1.00	0.00	0.67	0.02	0.96
Reading Rock SMCA	1.00	1.00	1.00	1.00	0.12	3.46
Reading Rock SMR	1.00	1.00	1.00	1.00	0.09	2.41
Ten Mile Beach SMCA	1.00	1.00	0.00	0.67	0.02	0.76
Ten Mile SMR	1.00	1.00	0.00	0.67	0.09	3.84
Final Score	1.00	1.00	0.20	0.73	0.74	
<i>Bays/Estuary</i>						MPA Area (miles)
Humboldt Bay SMRMA	1.00	1.00		1.00	0.85	1.84
Navarro River Estuary SMR	1.00	1.00		1.00	0.07	0.14
Ten Mile Estuary SMR	1.00	1.00		1.00	0.09	0.19
Final Score	1.00	1.00		1.00	1.00	

Raw Scoring Table for External H Based on SAT Water-Quality Evaluation Methods

MPA	Stormwater and Other Nonpoint Source Discharge	Wastewater Discharge	Co-located with ASBS	Average Score	Weighted Score	MPA Shoreline Length (miles)
Coastal						
Eel River SMCA	1.00	1.00	0.00	0.67	0.10	3.87
Point Cabrillo SMR	1.00	1.00	0.00	0.67	0.05	1.94
Punta Gorda SMR	1.00	1.00	0.00	0.67	0.14	5.30
Pyramid Point SMR	1.00	1.00	0.00	0.67	0.12	4.60
Reading Rock SMCA	1.00	1.00	1.00	1.00	0.13	3.46
Reading Rock SMR	1.00	1.00	1.00	1.00	0.09	2.41
Ten Mile Beach SMCA	1.00	1.00	0.00	0.67	0.02	0.76
Ten Mile SMR	1.00	1.00	0.00	0.67	0.10	3.84
Final Score	1.00	1.00	0.25	0.75	0.74	
Bays/Estuary						
Humboldt Bay SMRMA	1.00	1.00		1.00	0.91	1.837529
Ten Mile Estuary SMR	1.00	1.00		1.00	0.09	0.190011
Final Score	1.00	1.00		1.00	1.00	