

Attachment 6: Wetland Analysis - Relative Size of Proposed and Existing Wetlands

Wetland Number	Wetland Description	Wetland Size (SF) (1)	Wetland Volume (acre feet) (2)	Riparian Area (SF) (3)	Total Wetland (acres)	Wetland Type	Wetland Quality
Proposed Wetlands							
A	Daylight Maple Creek to Pond 8	56,375	3.27	10,250	1.53	Fresh water creek & riparian	Good
B	Daylight Maple Creek through Beach Berm to Ocean	148,500	8.61	27,000	4.03	Fresh water creek & riparian	Good
C	Daylight Maple Creek and Alder Creek through Beach Berm to Ocean	183,205	10.62	33,310	4.98	Fresh water creek & riparian	Good
D	Daylight Alder Street Creek through Beach Berm to Ocean	104,500	6.06	19,000	2.84	Fresh water creek & riparian	Good
E	Daylight Alder & Maple Creek to Estuary	263,149	78.99	33,310	6.82	Fresh water creek & riparian corridor, & salt water estuary	Fair
F	Daylight Alder Creek to Mill Pond	46,750	2.71	8,500	1.27	Fresh water creek & riparian	Good
Existing Wetlands							
Pond 8	8 Acre Mill Pond	348,000	24	NA	8.00	Freshwater Pond	Fair
Pond 5	A half acre pond, entirely fed by surface flow and groun	17,400	5.04		0.40	Freshwater Pond	Good
Maple Creek Wetland	2 acre stormwater catchment basin	90,000			2.07	Freshwater Pond	Good
Lowland Wetlands	New Wetland to replace Pond 7, Pond 6 & Wetland E-1	30,450	1.05	0	0.70	Freshwater wetland	Good
	Wetland E-5	20,000	0.69	0	0.46	Freshwater wetland	Fair
	Wetland E-2	8,000	0.28	0	0.18	Freshwater wetland	Fair
	Wetland E-1	10,000	0.34	0	0.23	Freshwater wetland	Fair
	Wetland C	13,000	0.45	0	0.30	Seep	Good
	Wetland D	8,000	0.28	0	0.18	Freshwater wetland	Fair
	Wetland B	2,000	0.07	0	0.05	Seep	Good
					2.10		

Notes

- 1) Assumes a creek bed wetland of approximately 55 feet in average width
- 2) Assumes the creek wetland has an average depth of 2 feet, and the estuary has an average depth of 8 feet
- 3) Assumes 5 feet of riparian wetland on each side of the active creek wetland