

TABLE 4. Summary of Biological Observations Made at Transect BP-2-A, 0.25 km East of the Discharge Pipe and 1.5 km Inshore and Northeast of Barbers Point Ocean Outfall Terminus, on 14 May 1996

		Percent Cover				
I. Quadrat Survey		Quadrat Distance Along Transect				
		0 m	5 m	10 m	15 m	20 m
Algae						
<i>Avrainvillea amadelpha</i>	0.1					
<i>Asparagopsis taxiformis</i>	0.6					0.4
<i>Amansia glomerata</i>					0.9	
<i>Padina japonica</i>					0.1	0.1
<i>Sphacelaria furcigera</i>	0.3	0.2				0.2
<i>Dotyella hawaiiensis</i>			0.1			
Sponges						
<i>Chondrosia chucalla</i>	0.4	0.1	0.3	1.1	0.7	
<i>Spirastrella coccinea</i>				0.3		
<i>Terpios zeteki</i>	0.1					
Soft Corals						
<i>Anthelia edmondsoni</i>				0.1		
Corals						
<i>Porites lobata</i>	2.3		0.7	1.4		
<i>Pocillopora meandrina</i>					0.7	
Sand		3.0	2.0	2.0	3.0	
Hard Substratum	96.2	96.7	97.0	94.1	94.9	

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Conus lividus</i>	2				
<i>Conus quercinus</i>	1				
Phylum Annelida					
<i>Spirobranchus giganteus corniculatus</i>	11				
Phylum Echinodermata					
<i>Echinostrephus aciculatum</i>	2				
<i>Echinothrix calamaris</i>	3				

III. Fish Census (4 m ∞ 20 m)					
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7 Species					
11 Individuals					

Estimated Standing Crop = 9 g/m ²					
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NOTE: Results of the 5-m² quadrat sampling (visual appraisal) of the benthic community are presented in Part I, counts of diurnally exposed macroinvertebrates are given in Part II, and a summary of the fish census is presented in Part III. Water depth is 11.3 m; mean coral coverage is 1.0% (visual quadrat method).