

TABLE 5. Summary of Biological Observations Made at Transect BP-2-B, 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>Sphacelaria furcigera</i>	0.2	0.4	0.2	0.5	0.1	
<i>Polysiphonia</i> sp.		0.3				
<i>Avrainvillea amadelpha</i>			0.4			
<i>Amansia glomerata</i>			0.2			
<i>Asparagopsis taxiformis</i>			0.3	0.1		
<i>Dotyella hawaiiensis</i>			0.1			
Sponges						
<i>Chondrosia chucalla</i>	0.2	0.1	0.3	0.2	0.4	
<i>Spirastrella coccinea</i>		0.2		0.1		
<i>Cliona vastifica</i>	0.2					
Soft Corals						
<i>Anthelia edmondsoni</i>			0.1			
Corals						
<i>Porites lobata</i>	0.5	0.4	0.1		0.3	
<i>Pocillopora meandrina</i>			1.0	0.2		
Sand	4.0	2.0	1.0		2.0	
Hard Substratum	94.9	96.6	96.3	98.9	97.2	

II. Macroinvertebrate Census (4 m $\infty$ 20 m)	No. of Individuals				
Phylum Mollusca					
<i>Conus leopardus</i>	1				
<i>Conus lividus</i>	1				
Phylum Annelida					
<i>Spirobranchus giganteus corniculatus</i>	5				
Phylum Arthropoda					
<i>Callianassa variabilis</i>	1				
Phylum Echinodermata					
<i>Tripneustes gratilla</i>	1				
<i>Echinothrix calamaris</i>	1				
<i>Echinostrephus aciculatum</i>	4				

III. Fish Census (4 m $\infty$ 20 m)					
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12 Species					
43 Individuals					
Estimated Standing Crop = 56 g/m <sup>2</sup>					

NOTE: Results of the 5-m<sup>2</sup> 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 ranges from 11.3 to 11.9 m; mean coral coverage is 0.5% (visual quadrat method).