

TABLE 1. Summary of Biological Observations Made at Transect BP-1-A, 2.2 km Northeast and Inshore 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>Porolithon onkodes</i>	2.1					
Sponges						
<i>Chondrosia chucalla</i>			0.3	1.3	2.8	
Soft Corals						
<i>Anthelia edmondsoni</i>	0.3				0.1	
Corals						
<i>Porites lobata</i>	7.2	34.0	0.5	0.2	22.0	
<i>Porites compressa</i>		4.6	0.2	1.1	1.0	
<i>Pocillopora meandrina</i>	1.1		0.2			
<i>Pavona varians</i>		0.8				
<i>Montipora verrucosa</i>				0.1	2.1	
Sand	1.0		7.0	2.0	4.0	
Rubble	29.3	8.0	78.8	95.3	68.0	
Hard Substratum	59.0	52.6	13.0			

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Spondylus tenebrosus</i>	3				
Phylum Annelida					
<i>Loimia medusa</i>	1				
<i>Sabellastarte sanctijosephi</i>	1				
Phylum Arthropoda					
<i>Aniculus strigatus</i>	1				
Phylum Echinodermata					
<i>Echinothrix calamaris</i>	1				
<i>Echinothrix diadema</i>	4				

III. Fish Census (4 m ∞ 20 m)					
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34 Species					
294 Individuals					

Estimated Standing Crop = 115 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 ranges from 14.9 m to 15.8 m; mean coral coverage is 15.0% (visual quadrat method).