

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 11 January 1999

		Percent Cover				
I. Quadrat Survey		Quadrat Distance Along Transect				
		0 m	5 m	10 m	15 m	20 m

Sponges						
<i>Chondrosia chucalla</i>	0.3		0.1	0.9	0.2	
<i>Spirastrella coccinea</i>				0.2	1.7	
Unidentified orange sponge	0.1					
Soft Corals						
<i>Anthelia edmondsoni</i>					0.1	
Corals						
<i>Porites lobata</i>	1.0	0.2	0.7	1.0	0.4	
<i>Pocillopora meandrina</i>		0.2		1.3	1.3	
<i>Montipora verrucosa</i>				0.1	0.1	
<i>Montipora patula</i>	0.2		0.3	0.2		
<i>Psammocora stellata</i>		0.2				
Sand	2.0	4.0	3.0	1.0	3.0	
Hard Substratum	96.4	95.4	95.9	95.3	93.2	

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

III. Fish Census (4 m ∞ 20 m)					
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6 Species					
13 Individuals					
Estimated Standing Crop = 15 g/m ²					

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 11.3 to 11.9 m; mean coral coverage is 1.4% (visual quadrat method).