

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 29 January 1998

		Percent Cover				
I. Quadrat Survey		Quadrat Distance Along Transect				
		0 m	5 m	10 m	15 m	20 m
Algae						
<i>Amansia glomerata</i>	0.2			6.0	1.3	1.1
<i>Spyridia filamentosa</i>			0.3	0.7	0.5	
<i>Asparagopsis taxiformis</i>					0.1	
Sponges						
<i>Chondrosia chucalla</i>	0.5	0.1	0.4			0.3
<i>Spirastrella coccinea</i>		1.2				0.1
Unidentified orange sponge	0.2					
Corals						
<i>Porites lobata</i>	0.3	0.2	0.4	0.3		
<i>Pocillopora meandrina</i>	0.2		1.1	0.7		0.2
<i>Montipora verrucosa</i>			0.3			
Sand	4.0				4.0	1.0
Hard Substratum	94.6	98.2	91.1	93.1		97.3

II. Macroinvertebrate Census (4 m $\infty$ 20 m)	No. of Individuals				
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Phylum Mollusca	
<i>Spondylus tenebrosus</i>	1
Phylum Annelida	
<i>Spirobranchus giganteus corniculatus</i>	7
Phylum Arthropoda	
<i>Gonodactylus falcatus</i>	1
<i>Aniculus strigatus</i>	1
Phylum Echinodermata	
<i>Echinostrephus aciculatum</i>	1
<i>Echinothrix diadema</i>	8
<i>Echinothrix calamaris</i>	1

III. Fish Census (4 m $\infty$ 20 m)					
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19 Species					
87 Individuals					
Estimated Standing Crop = 44 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 0.7% (visual quadrat method).