

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 19 February 1997

		Percent Cover				
I. Quadrat Survey		Quadrat Distance Along Transect				
		0 m	5 m	10 m	15 m	20 m
Algae						
<i>Avrainvillea amadelpa</i>	0.8	0.1				
<i>Amansia glomerata</i>	0.5			1.0		
<i>Martensia fragilis</i>	0.1					
Sponges						
<i>Chondrosia chucalla</i>	1.0		0.4	1.1	1.0	
<i>Spirastrella coccinea</i>				0.6		
Corals						
<i>Porites lobata</i>	2.0	0.1	0.8	0.4	0.2	
<i>Pocillopora meandrina</i>	0.1		0.1	0.1	1.1	
<i>Montipora verrucosa</i>				0.1		
Sand		4.0	6.0			
Hard Substratum	95.5	95.8	92.7	96.7	97.7	

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

III. Fish Census (4 m ∞ 20 m)					
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8 Species					
10 Individuals					
Estimated Standing Crop = 12 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 m to 11.9; mean coral coverage is 1.0% (visual quadrat method).