

TABLE 6. Summary of Biological Observations Made at Transect BP-3-A, 3.3 km West and Inshore of Barbers Point Ocean Outfall Terminus, on 21 February 1997

		Percent Cover				
I. Quadrat Survey		Quadrat Distance Along Transect				
		0 m	5 m	10 m	15 m	20 m
Algae						
<i>Polysiphonia</i> sp.	0.1			0.3		
<i>Porolithon onkodes</i>				3.5		
Sponges						
<i>Chondrosia chucalla</i>	0.1	0.1	0.1	6.0	0.1	
<i>Spirastrella coccinea</i>		4.7		4.2		
Soft Corals						
<i>Anthelia edmondsoni</i>			0.1		0.1	
Corals						
<i>Porites lobata</i>		1.7	0.4	8.7	0.1	
<i>Porites compressa</i>				2.3	0.2	
<i>Pocillopora meandrina</i>				6.5		
<i>Montipora verrucosa</i>					0.1	
Sand	6.0	3.0	13.0			12.0
Rubble	93.8	64.5	86.4	30.5	58.4	
Hard Substratum		26.0		38.0	29.0	

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Spondylus tenebrosus</i>	2				
Phylum Annelida					
<i>Spirobranchus giganteus corniculatus</i>	19				
Phylum Echinodermata					
<i>Tripneustes gratilla</i>	4				
<i>Heterocentrotus mammillatus</i>	6				
<i>Echinometra mathaei</i>	2				
<i>Echinothrix diadema</i>	19				
<i>Echinothrix calamaris</i>	7				

III. Fish Census (4 m ∞ 20 m)					
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33 Species					
213 Individuals					

Estimated Standing Crop = 236 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 16.5 to 16.8 m; mean coral coverage is 4.0% (visual quadrat method).