

TABLE 8. Summary of Biological Observations Made at Transect BP-4-A, Situated on the Basalt Caprock of the Barbers Point Discharge Pipe, Approximately 1.4 km Inshore (North) 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>			2.0	1.0	3.0	
Sponges						
<i>Spirastrella coccinea</i>				1.5		
Corals						
<i>Porites lobata</i>	27.0	42.0	21.0	29.0	19.0	
<i>Pocillopora meandrina</i>		0.8		0.3		
Rubble	8.0	8.0	16.0	6.0	3.0	
Hard Substratum	65.0	49.2	61.0	62.2	75.0	

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Spondylus tenebrosus</i>	13				
<i>Pteraeolidia ianthina</i>	4				
Phylum Annelida					
<i>Sabellastarte sanctijosephi</i>	1				
<i>Spirobranchus giganteus corniculatus</i>	36				
Phylum Echinodermata					
<i>Echinothrix diadema</i>	107				
<i>Echinothrix calamaris</i>	3				
<i>Tripneustes gratilla</i>	3				

III. Fish Census (4 m ∞ 20 m)					
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52 Species					
1,247 Individuals					
Estimated Standing Crop = 685 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 is 12.2 m; mean coral coverage is 27.8% (visual quadrat method).