

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 11 January 1999

		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	3.0			7.0
Sponges						
<i>Spirastrella coccinea</i>						1.2
Soft Corals						
<i>Anthelia edmondsoni</i>	0.2					
Corals						
<i>Porites lobata</i>	39.0	47.0	31.0	22.0		56.0
<i>Porites compressa</i>	2.7			2.3		
Rubble	14.0	3.0	9.0	27.0		3.0
Hard Substratum	44.1	48.0	57.0	48.7		32.8

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
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Phylum Mollusca	
<i>Spondylus tenebrosus</i>	6
<i>Pteraeolidia ianthina</i>	2
Phylum Annelida	
<i>Spirobranchus giganteus corniculatus</i>	127
<i>Loimia medusa</i>	1
Phylum Echinodermata	
<i>Echinothrix diadema</i>	206
<i>Tripneustes gratilla</i>	2
<i>Echinometra mathaei</i>	1

III. Fish Census (4 m ∞ 20 m)					
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38 Species					
971 Individuals					
Estimated Standing Crop = 893 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 40.0% (visual quadrat method).