

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 25 April 1994

		Percent Cover				
I. Quadrat Survey		Quadrat Distance Along Transect				
		0 m	5 m	10 m	15 m	20 m
Algae						
<i>Neomeris annulata</i>	0.1					
<i>Velonia ventricosa</i>			0.1			
<i>Porolithon onkodes</i>				4.5	13	
Soft Corals						
<i>Palythoa tuberculosa</i>		0.1				
Corals						
<i>Porites lobata</i>	13	52	19	31	19	
<i>Porites (Synarea) convexa</i>			0.6			
<i>Montipora verrucosa</i>	0.1					
Rubble	13	14	21	19	3	
Hard Substratum	73.8	22.9	59.3	45.5	65	

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Spondylus tenebrosus</i>	1				
Phylum Annelida					
<i>Loimia medusa</i>	1				
<i>Sabellastarte sanctijosephi</i>	2				
Phylum Echinodermata					
<i>Tripneustes gratilla</i>	2				
<i>Echinothrix calamaris</i>	2				
<i>Echinothrix diadema</i>	121				
<i>Holothuria atra</i>	2				

III. Fish Census (4 m ∞ 20 m)					
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51 Species					
1,563 Individuals					
Estimated Standing Crop = 1,305 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 26.9% (visual quadrat method).