

TABLE 1. Summary of Biological Observations Made at Transect T-1, Offshore of Kewalo Landfill (Station A) on 28 August 1998

I. Quadrat Survey		Quadrat Distance Along Transect				
		0 m	5 m	10 m	15 m	20 m
Algae						
<i>Amansia glomerata</i>	1.1					
<i>Spyridia filamentosa</i>		0.9			13.0	4.0
<i>Porolithon onkodes</i>					1.0	
Sponges						
<i>Spiraastrella coccinea</i>	1.2					3.5
Corals						
<i>Porites lobata</i>	43.0	14.5	0.6	18.0	10.3	
<i>Porites compressa</i>				1.5		
<i>Pocillopora meandrina</i>	3.5	9.0	4.8	13.5	9.0	
<i>Montipora verrucosa</i>	0.1	0.2	1.2	0.3		
<i>Montipora patula</i>		0.9	0.2	0.8		
Sand	1.0		3.0	2.0	4.0	
Rubble	9.0		15.0	3.0	21.0	
Hard Substratum	41.1	74.5	75.2	46.9	48.2	

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
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Phylum Annelida	
<i>Spirobranchus giganteus corniculatus</i>	29
Phylum Mollusca	
<i>Spondylus tenebrosus</i>	1
<i>Lithophaga</i> sp.	1
<i>Conus miles</i>	1
<i>Conus lividus</i>	1
<i>Pinctada margaritifera</i>	1
Phylum Echinodermata	
<i>Echinothrix diadema</i>	77
<i>Echinometra mathaei</i>	1

III. Fish Census (4 m ∞ 20 m)

34 Species
324 Individuals
Estimated Standing Crop = 151 g/m ²

NOTE: Results of the 5-m² quadrat sampling of the benthic community are presented in Part I as percent cover, counts of diurnally exposed macroinvertebrates are given in Part II, and a summary of the fish census is given in Part III. Water depth ranges from 17.4 to 18.2 m; mean coral coverage is 26.3% (quadrat method).

