

TABLE 3. Summary of Biological Observations Made at Transect T-2, Offshore of Kewalo Landfill (Station A) on 20 November 1996

I. Quadrat Survey	Quadrat Distance Along Transect				
	0 m	5 m	10 m	15 m	20 m
Algae					
<i>Amansia glomerata</i>	2.0	0.4	2.2	3.1	4.0
<i>Porolithon onkodes</i>			3.8		
Sponges					
<i>Spirastrella coccinea</i>	0.9			0.2	
Corals					
<i>Porites lobata</i>	33.0	8.3	36.0	28.0	39.0
<i>Porites compressa</i>			2.1	0.9	0.7
<i>Pocillopora meandrina</i>	0.2	1.4	4.0	5.0	1.2
<i>Pocillopora eydouxi</i>				3.0	
<i>Montipora verrucosa</i>		0.3	3.8		0.2
<i>Montipora patula</i>	0.3		0.2	0.4	
<i>Pavona varians</i>				0.1	
<i>Leptastrea purpurea</i>			0.2	0.1	0.4
Sand	1.7				1.5
Rubble			2.5		2.0
Hard Substratum	61.9	89.6	45.2	59.2	51.0

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Spondylus tenebrosus</i>	1				
<i>Conus miles</i>	1				
<i>Pinctado marginifera</i>	1				
Phylum Annelida					
<i>Spirobranchus giganteus corniculatus</i>	6				
Phylum Echinodermata					
<i>Echinothrix calamaris</i>	1				
<i>Echinothrix diadema</i>	32				
<i>Echinometra mathaei</i>	1				

III. Fish Census (4 m ∞ 20 m)					
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27 Species					
266 Individuals					
Estimated Standing Crop = 868 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 17.0 to 18.2 m; mean coral coverage is 33.8% (quadrat method).

