

Table 4.4-2 Benthic Infauna Descriptive Metrics for Mud Hole & Little Tow Stations Pre- and Post-Trawling July 2001

	PRE		POST		PRE		POST	
	Trawl Lanes 1 & 3		Trawl Lanes 1 & 3		Control Lanes 2 & 4		Control Lanes 2 & 4	
	Mean (n=8)	Std Dev	Mean (n=12)	Std Dev	Mean (n=8)	Std Dev	Mean (n=10)	Std Dev
Mud Hole								
Abundance (no. individuals/0.04m ² grab)	1374	308	1335	390	1087	470	1283	308
Faunal Density/m ²	34347	7694	33381	9755	27169	11754	32078	7696
Taxa Richness (spp./0.04m ² grab)	79.1	7.8	77.8	8.5	76.4	10.5	81.9	4.9
Simpson Diversity Index	7.27	1.34	7.24	1.81	8.77	2.21	7.60	1.82
Shannon Diversity	2.74	0.16	2.75	0.21	2.88	0.25	2.82	0.20
Shannon Evenness	0.63	0.03	0.63	0.05	0.67	0.06	0.64	0.04
Percent Contribution of Dominant Family	29.1	5.5	29.9	7.2	25.4	4.9	29.6	7.4
Little Tow								
	PRE		POST		PRE		POST	
	Trawl Lanes 1 & 3		Trawl Lanes 1 & 3		Control Lanes 2 & 4		Control Lanes 2 & 4	
	Mean (n=8)	Std Dev	Mean (n=6)	Std Dev	Mean (n=5)	Std Dev	Mean (n=6)	Std Dev
Abundance (no. individuals/grab)	1030	340	1045	274	728	262	845	410
Faunal Density/m ²	25744	8500	26125	6860	18190	6551	21117	10249
Taxa Richness (spp./grab)	69.8	11.6	66.8	5.5	63.2	8.5	64.2	16.3
Simpson Diversity Index	8.89	1.24	7.93	1.54	8.81	2.31	11.3	4.18
Shannon Diversity	2.86	0.11	2.8	0.13	2.89	0.17	2.98	0.16
Shannon Evenness	0.68	0.03	0.67	0.04	0.7	0.05	0.72	0.06
Percent Contribution of Dominant Family	25.5	4.6	29.7	6.8	29.5	5.35	22.5	6.8