

Appendix IX(a): Cashflows of the discounted Economic values (Discount rate= 8%)

year	Incremental fuel cost-fishermen	Total incremental cost of nets repair/replace (RM/year)-fishermen	Total incremental cost of boat/engine maintenance (RM/year)-fishermen	The Opportunity Loss from Increment of Working Hour by Fishermen	Annual Incremental cost of transportation-middlemen	Net total income loss of mussels aquaculture per year (RM/year)	The net economic loss for restaurant owners	Reduction in anglers 'consumer surplus'	Local WTP
0	-2,122,093	-122,111	-172,778	-3,358,110	-391,930	-83,904	-226,748	-6,011	-634,183
1	-1,964,901	-113,066	-159,980	-3,109,361	-362,898	-77,689	-209,952	-5,566	-587,206
2	-1,819,353	-104,691	-148,129	-2,879,038	-336,017	-71,934	-194,400	-5,153	-543,710
3	-1,684,586	-96,936	-137,157	-2,665,776	-311,127	-66,606	-180,000	-	-
4	-1,559,802	-89,755	-126,997	-2,468,311	-288,080	-61,672	-166,667	-	-
5	-1,444,261	-83,107	-117,590	-2,285,473	-266,741	-57,104	-154,321	-	-
6	-1,337,279	-76,951	-108,879	-2,116,179	-246,982	-52,874	-142,890	-	-
7	-1,238,221	-71,251	-100,814	-1,959,425	-228,687	-48,957	-132,305	-	-
8	-1,146,501	-65,973	-93,347	-1,814,282	-211,748	-45,331	-122,505	-	-
9	-1,061,575	-61,086	-86,432	-1,679,891	-196,063	-41,973	-113,430	-	-
10	-982,940	-56,561	-80,030	-1,555,455	-181,539	-38,864	-105,028	-	-
11	-	-	-	-	-	-35,985	-	-	-
12	-	-	-	-	-	-33,319	-	-	-
13	-	-	-	-	-	-30,851	-	-	-
14	-	-	-	-	-	-28,566	-	-	-
15	-	-	-	-	-	-26,450	-	-	-
16	-	-	-	-	-	-24,491	-	-	-
17	-	-	-	-	-	-22,677	-	-	-
18	-	-	-	-	-	-20,997	-	-	-
19	-	-	-	-	-	-19,442	-	-	-

year	Incremental fuel cost-fishermen	Total incremental cost of nets repair/replace (RM/year)-fishermen	Total incremental cost of boat/engine maintenance (RM/year)-fishermen	The Opportunity Loss from Increment of Working Hour by Fishermen	Annual Incremental cost of transportation-middlemen	Net total income loss of mussels aquaculture per year (RM/year)	The net economic loss for restaurant owners	Reduction in anglers 'consumer surplus'	Local WTP
20	-	-	-	-	-	-18,001	-	-	-
21	-	-	-	-	-	-16,668	-	-	-
22	-	-	-	-	-	-15,433	-	-	-
23	-	-	-	-	-	-14,290	-	-	-
24	-	-	-	-	-	-13,232	-	-	-
25	-	-	-	-	-	-12,251	-	-	-
26	-	-	-	-	-	-11,344	-	-	-
27	-	-	-	-	-	-10,504	-	-	-
28	-	-	-	-	-	-9,726	-	-	-
29	-	-	-	-	-	-9,005	-	-	-
30	-	-	-	-	-	-8,338	-	-	-
31	-	-	-	-	-	-7,721	-	-	-
32	-	-	-	-	-	-7,149	-	-	-
33	-	-	-	-	-	-6,619	-	-	-
34	-	-	-	-	-	-6,129	-	-	-
35	--	-	-	-	-	-5,675	-	-	-
36	-	-	-	-	-	-5,254	-	-	-
37	-	-	-	-	-	-4,865	-	-	-
38	-	-	-	-	-	-4,505	-	-	-
39	-	-	-	-	-	-4,171	-	-	-
40	-	-	-	-	-	-3,862	-	-	-
41	-	-	-	-	-	-3,576	-	-	-

year	Incremental fuel cost-fishermen	Total incremental cost of nets repair/replace (RM/year)-fishermen	Total incremental cost of boat/engine maintenance (RM/year)-fishermen	The Opportunity Loss from Increment of Working Hour by Fishermen	Annual Incremental cost of transportation-middlemen	Net total income loss of mussels aquaculture per year (RM/year)	The net economic loss for restaurant owners	Reduction in anglers 'consumer surplus'	Local WTP
42	-	-	-	-	-	-3,311	-	-	-
43	-	-	-	-	-	-3,066	-	-	-
44	-	-	-	-	-	-2,839	-	-	-
45	-	-	-	-	-	-2,629	-	-	-
46	-	-	-	-	-	-2,434	-	-	-
47	-	-	-	-	-	-2,254	-	-	-
48	-	-	-	-	-	-2,087	-	-	-
49	-	-	-	-	-	-1,932	-	--	-
50	-	-	-	-	---	-1,789	-	-	-
TOTAL NPV	-16,361,510	-941,486	-1,332,132	25,891,301	-3,021,812	-1,110,342	1,748,246	-16,730	1,765,099

Appendix IX(b): Cashflows of the discounted Economic value (Discount rate= 6%)

year	Incremental fuel cost-fishermen	Total incremental cost of nets repair/replace (RM/year)-fishermen	Total incremental cost of boat/engine maintenance (RM/year)-fishermen	The Opportunity Loss from Increment of Working Hour by Fishermen	Annual Incremental cost of transportation-middlemen	Net total income loss of mussels aquaculture per year (RM/year)	The net economic loss for restaurant owners	Reduction in anglers 'consumer surplus'	Local WTP
0	-103,493	-2,122,093	-122,111	-172,778	-3,358,110	-391,930	-83,904	-226,748	-6,011
1	-97634.906	-2001974.5	-115199.06	-162998.11	-3168028.3	-369745.28	-79154.717	-213913.21	-5670.7547
2	-92108.402	-1888655.2	-108678.36	-153771.8	-2988705.9	-348816.3	-74674.261	-201804.91	-5349.7686
3	-86894.718	-1781750.2	-102526.75	-145067.74	-2819533.9	-329071.99	-70447.416	-190381.99	0
4	-81976.149	-1680896.4	-96723.349	-136856.36	-2659937.7	-310445.27	-66459.827	-179605.65	0
5	-77335.99	-1585751.3	-91248.443	-129109.77	-2509375.1	-292872.9	-62697.95	-169439.3	0
6	-72958.481	-1495991.8	-86083.437	-121801.67	-2367335	-276295.18	-59149.009	-159848.39	0
7	-68828.756	-1411313	-81210.789	-114907.24	-2233334.9	-260655.83	-55800.952	-150800.37	0
8	-64932.789	-1331427.4	-76613.952	-108403.05	-2106919.8	-245901.73	-52642.408	-142264.5	0
9	-61257.348	-1256063.6	-72277.313	-102267.03	-1987660.1	-231982.76	-49662.649	-134211.79	0
10	-57789.951	-1184965.6	-68186.145	-96478.333	-1875151.1	-218851.66	-46851.555	-126614.9	0
11	-54518.821	0	0	0	0	0	-44199.581	0	0
12	-51432.85	0	0	0	0	0	-41697.717	0	0
13	-48521.557	0	0	0	0	0	-39337.469	0	0
14	-45775.054	0	0	0	0	0	-37110.82	0	0
15	-43184.013	0	0	0	0	0	-35010.208	0	0
16	-40739.635	0	0	0	0	0	-33028.498	0	0
17	-38433.618	0	0	0	0	0	-31158.96	0	0
18	-36258.13	0	0	0	0	0	-29395.245	0	0
19	-34205.783	0	0	0	0	0	-27731.364	0	0
20	-32269.607	0	0	0	0	0	-26161.664	0	0
21	-30443.025	0	0	0	0	0	-24680.815	0	0
22	-28719.835	0	0	0	0	0	-23283.788	0	0

23	-27094.184	0	0	0	0	0	-21965.837	0	0
24	-25560.551	0	0	0	0	0	-20722.488	0	0
25	-24113.727	0	0	0	0	0	-19549.517	0	0
26	-22748.799	0	0	0	0	0	-18442.941	0	0
27	-21461.131	0	0	0	0	0	-17399.001	0	0
28	-20246.35	0	0	0	0	0	-16414.152	0	0
29	-19100.331	0	0	0	0	0	-15485.049	0	0
30	-18019.18	0	0	0	0	0	-14608.536	0	0
31	-16999.226	0	0	0	0	0	-13781.638	0	0
32	-16037.006	0	0	0	0	0	-13001.545	0	0
33	-15129.251	0	0	0	0	0	-12265.609	0	0
34	-14272.878	0	0	0	0	0	-11571.329	0	0
35	-13464.979	0	0	0	0	0	-10916.348	0	0
36	-12702.811	0	0	0	0	0	-10298.442	0	0
37	-11983.784	0	0	0	0	0	-9715.5111	0	0
38	-11305.456	0	0	0	0	0	-9165.5765	0	0
39	-10665.525	0	0	0	0	0	-8646.7703	0	0
40	-10061.816	0	0	0	0	0	-8157.3304	0	0
41	-9492.2791	0	0	0	0	0	-7695.5948	0	0
42	-8954.9803	0	0	0	0	0	-7259.995	0	0
43	-8448.0946	0	0	0	0	0	-6849.0519	0	0
44	-7969.9006	0	0	0	0	0	-6461.3697	0	0
45	-7518.7741	0	0	0	0	0	-6095.6318	0	0
46	-7093.1832	0	0	0	0	0	-5750.5961	0	0
47	-6691.6822	0	0	0	0	0	-5425.0906	0	0
48	-6312.9078	0	0	0	0	0	-5118.01	0	0
49	-5955.5734	0	0	0	0	0	-4828.3114	0	0
50	-5618.4654	0	0	0	0	0	-4555.0107	0	0
TotalNPV	-1,734,735	-17,740,882	-1,020,859	-1,444,439	-28,074,092	-3,276,569	-1,406,387	-1,895,633	-17,032

Appendix IX(c): Cashflows of the discounted Economic value (Discount rate= 4%)

Year	Incremental fuel cost-fishermen	Total incremental cost of nets repair/replace (RM/year)-fishermen	Total incremental cost of boat/engine maintenance (RM/year)-fishermen	The Opportunity Loss from Increment of Working Hour by Fishermen	Annual Incremental cost of transportation-middlemen	Net total income loss of mussels aquaculture per year (RM/year)	The net economic loss for restaurant owners	Reduction in anglers 'consumer surplus'	Local WTP
0	-103,493	-2,122,093	-122,111	-172,778	-3,358,110	-391,930	-83,904	-226,748	-6,011
1	-99512.5	-2040474.038	-117414.4231	-166132.6923	-3228951.923	-376855.7692	-80676.92308	-218026.9231	-5779.807692
2	-95685.09615	-1961994.268	-112898.4837	-159742.9734	-3104761.464	-362361.3166	-77573.9645	-209641.2722	-5557.507396
3	-92004.90015	-1886532.95	-108556.2344	-153599.0129	-2985347.562	-348424.3429	-74590.35048	-201578.1463	
4	-88466.25014	-1813973.99	-104380.9946	-147691.3585	-2870526.502	-335023.4066	-71721.49084	-193825.1407	
5	-85063.70206	-1744205.76	-100366.3409	-142010.9217	-2760121.636	-322137.891	-68962.97197	-186370.3276	
6	-81792.02121	-1677120.923	-96506.09705	-136548.9631	-2653963.112	-309747.9721	-66310.54997	-179202.2381	
7	-78646.17424	-1612616.272	-92794.32409	-131297.0799	-2551887.608	-297834.5885	-63760.1442	-172309.8443	
8	-75621.32139	-1550592.569	-89225.31162	-126247.1922	-2453738.084	-286379.412	-61307.83096	-165682.5426	
9	-72712.80903	-1490954.393	-85793.56887	-121391.531	-2359363.543	-275364.8193	-58949.83746	-159310.1371	
10	-69916.16252	-1433609.994	-82493.81622	-116722.626	-2268618.791	-264773.8647	-56682.53602	-153182.8242	
11	-67227.07935						-54502.43848		
12	-64641.42245						-52406.19085		
13	-62155.2139						-50390.56812		
14	-59764.62875						-48452.46935		
15	-57465.98918						-46588.91284		
16	-55255.75883						-44797.03157		
17	-53130.53733						-43074.06882		
18	-51087.05513						-41417.37387		
19	-49122.16839						-39824.39795		
20	-47232.85422						-38292.69033		
21	-45416.20598						-36819.89455		
22	-43669.42883						-35403.74476		

23	-41989.83541						-34042.06227		
24	-40374.84174						-32732.75218		
25	-38821.96322						-31473.80018		
26	-37328.81078						-30263.2694		
27	-35893.08729						-29099.2975		
28	-34512.58394						-27980.09375		
29	-33185.17686						-26903.9363		
30	-31908.8239						-25869.16952		
31	-30681.56145						-24874.20146		
32	-29501.50139						-23917.5014		
33	-28366.82826						-22997.5975		
34	-27275.7964						-22113.07452		
35	-26226.72731						-21262.57166		
36	-25218.00703						-20444.78044		
37	-24248.08368						-19658.44273		
38	-23315.46508						-18902.34878		
39	-22418.71642						-18175.33536		
40	-21556.4581						-17476.284		
41	-20727.36356						-16804.11923		
42	-19930.15727						-16157.80696		
43	-19163.61276						-15536.35284		
44	-18426.55073						-14938.80081		
45	-17717.83724						-14364.23155		
46	-17036.38196						-13811.7611		
47	-16381.1365						-13280.53952		
48	-15751.09279						-12769.74954		
49	-15145.28153						-12278.60533		
50	-14562.7707						-11806.35128		
TotalNPV	-2,326,749	-19,334,168	-1,112,541	-1,574,162	-30,595,390	-3,570,833	-1,886,345	-2,065,877	-17,348

