

APPENDIX 4: TABLES OF COMPUTATIONS OF PERFORMANCE RANKING SCORES

Table A4.1: %Population living within area with water network and Water Quality Compliance

Utility	Category	Proportion of population living within the area with water network (%)			Water Quality Compliance (%) (E-coli and Turbidity)		
		Set Target 2008/09	Achievement 2008/09	Total Score (Points)	Set Target 2008/09	Achievement 2008/09	Total Score (Points)
Arusha	A	90	97.5	97.7	100	100	100.0
Tanga	A	99.4	99.0	75	94.5	97.0	85.2
Moshi	A	95	97	98	100	100	100
Mbeya	A	91	89.9	61.3	98.5	100	100.0
Dodoma	A	89	87.0	56.9	100	100	100.0
Morogoro	A	95	94.4	68	94.5	100	100
Tabora	A	88	86.5	56.1	95	97.0	85.2
Mwanza	A	86	85.0	54	97.5	100	100
Iringa	A	94	92	64	97	96.5	58
Mtwara	A	87	83	51	100	100	100
Shinyanga	A	78	60	0	85	100	100
Musoma	A	78	77.8	40	87.5	45.0	0
Songea	A	75	70.5	23	99.5	99.5	98
Singida	B	85	85.7	79.9	100	100	100.0
Sumbawanga	B	80	75	33	91.5	85.0	40
Kigoma	B	67	88.2	84	100	100	100
Bukoba	B	80	72.8	29	93	92.5	73
Babati	C	80	62.5	5.6	97	100	100.0
Lindi	C	75	62	4	97.5	91.0	46
Maximum Achieved Value			99.0	98		100	100
Average Achieved Value			82.4	52		95	83
Minimum Achieved Value			60.0	0		45.00	0

Table A4.2: Metering Ratio, Unaccounted for Water, Payment of Electricity Bills

Utility	Category	Metering Ratio (%)			Unaccounted for water (%)			Payment of electricity bills (%)		
		Set Target 2008/09	Achievement 2008/09	Total Score (Points)	Set Target 2008/09	Achievement 2008/09	Total Score (Points)	Set Target 2008/09	Achievement 2008/09	Total Score (Points)
Arusha	A	100	100	100.0	20	26.30	70.4	100	100	100.0
Tanga	A	100.0	100.0	100.0	26	24.6	98.9	100	100	100.0
Moshi	A	100	100	100	28	32.49	58	100	100	100
Mbeya	A	80.0	76.3	44.6	30	30.4	61.9	100	100	100.0
Dodoma	A	100	100	100.0	40	44.3	23.7	100	100	100.0
Morogoro	A	85	92	90	32	24.1	100	100	100	100
Tabora	A	78	79.60	74.0	27.3	26.7	94.6	100	100	100.0
Mwanza	A	100.0	96	70	30	44.2	24	100	100	100
Iringa	A	100	86.4	58	40	42.0	31	100	100	100
Mtwara	A	90	89	61	30	27.4	93	100	100	100
Shinyanga	A	78	70.9	37	30	36	49	100	100	100
Musoma	A	70.0	51.0	11	35	40.5	36	100	100	100
Songea	A	80	79.9	49	33	39.8	38	100		-
Singida	B	75	72.2	39.1	35	35.1	52.3	50	25	15.2
S'wanga	B	60.0	59.1	22	41	44	25	50	100	100
Kigoma	B	60	43.0	0	30	34.1	54	50	50	55
Bukoba	B	100	89.4	62	45	51.60	0	50		-
Babati	C	60	88.5	85.4	40	43.8	25.3	50	25	15.2
Lindi	C	85.0	53	8	36	40.18	37	25	0	-
Maximum Achieved Value			100	100		24	100		100	100
Average Achieved Value			80	58		36	51		82	73
Minimum Achieved Value			43.00	0		52	0		0	15

Table A4.3: Revenue Collection Efficiency, Working Ratio and Personnel/1000 Connections

Utility	Category	Revenue Collection Efficiency (%)			Working Ratio			Personnel/1000 (W&S) connections		
		Set Target 2008/09	Achievement 2008/09	Total Score (Points)	Set Target 2008/09	Achievement 2008/09	Total Score (Points)	Set Target 2008/09	Achievement 2008/09	Total Score (Points)
Arusha	A	95	96.2	95.5	0.90	0.89	76.8	6	7.0	68.2
Tanga	A	96	98.2	98.9	0.75	0.84	53.2	6	5.9	100.0
Moshi	A	94	97.8	98	0.90	0.83	78	8	8.8	57
Mbeya	A	82	85.8	77.7	0.90	0.87	77.3	8.8	8.4	84.6
Dodoma	A	93	97.0	96.9	0.95	0.96	50.0	7	9.3	54.1
Morogoro	A	88	93.4	91	0.93	0.79	79	7.8	7.9	63
Tabora	A	87	74.4	33.8	0.78	0.99	48.0	8	8.3	60.2
Mwanza	A	97	98.8	100	0.58	0.84	53	8	9.5	53
Iringa	A	95	80.3	44	0.98	1.00	48	8	8.9	57
Mtwara	A	85	53.8	0	0.90	1.38	25	8	8.8	57
Shinyanga	A	98.9	89.1	58	1.20	0.00	-	12	6.70	95
Musoma	A	95	80.8	44	1.00	0.96	75	9.7	10.0	50
Songea	A	90	70.7	28	0.90	0.88	77	9	7.8	88
Singida	B	65	92.0	88.4	1.00	1.01	47.2	12	14.3	34.1
Sumbawanga	B	83	94.5	93	0.92	0.86	78	9	8.8	82
Kigoma	B	75	61.4	13	1.20	1.27	32	10	8.60	83
Bukoba	B	96	83.7	49	0.95	0.99	48	11	11.1	46
Babati	C	80	61.8	13.2	0.96	1.04	45.4	14	15.6	29.3
Lindi	C	92	90.5	61	1.10	1.82	0	15	23.6	0
Maximum Achieved Value			100	100		99	100		5.90	100
Average Achieved Value			82	73		84	62		9.96	61
Minimum Achieved Value			0	15		54	0		23.60	0

Table A4.4: Sewerage Indicators

Utility	Category	Proportion of population connected with sewerage network (%)			Sewer blockages (nr/100km of sewers/year)			Wastewater quality compliance (%) (BOD and COD)			Safe disposal of sludge (%)		
		Set Target 2008/09	Achievement 2008/09	Total Score (Points)	Set Target 2008/09	Achievement 2008/09	Total Score (Points)	Set Target 2008/09	Achievement 2008/09	Total Score (Points)	Set Target 2008/09	Achievement 2008/09	Total Score (Points)
Dodoma	A	15	13	41.4	360	50	90.9	85	100	100.0	100	100	100.0
Morogoro	A	3.08	3.14	32	800	109	79	100	100	100	95	95	97
Moshi	A	45	47	100	150	172	45	99	50	38	90	100	100
Arusha	A	18	16.94	51.2	5,300	535	25.0	50	51.70	64.3	99	99	99.5
Mbeya	A	6	5	13.1	50	52	65.5	100	100	100.0	25	26	50.2
Mwanza	A	27	27	84	0.045	42.000	68	90	82	62	0	0	-
Songea	AB	5.6	3.7	9	4	4	100	100	100	100	100	0	-
Iringa	A	14	13.1	42	0.11	126.0	51	95	0	-	95	96	98
Tabora	A	5.9	1.3	0.0	40	40	92.9	100	75	56.7	12	0	-
Tanga	A	16.2	9.3	28.3	350	76	85.8	0	0	-	100	0	-
Maximum Achieved Value			47	100		4.00	100		100	100		100	100
Average Achieved Value			15	41		130.88	67		66	53		52	43
Minimum Achieved Value			1	0		535.00	25		0	38		0	50