

TABLE 23 RURAL WATER SUPPLY PLANNING BALANCE (1/15)

LGA	Demand			Actual Supply Capa.			Deficit			Improve Capa. by Rehab.			New Proposed Capa.		
	SW	GW	Total	SW	GW	Total	SW	GW	Total	SW	GW	Total	SW	GW	Total
	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD
Kebbi	0.00	12.53	12.53	0.00	0.00	0.00	0.00	12.53	12.53	0.00	0.00	0.00	0.00	12.53	12.53
	0.00	8.78	8.78	1.44	1.44	1.44	0.00	7.34	7.34	0.00	0.57	0.57	0.00	6.77	6.77
	0.00	14.62	14.62	0.77	0.77	0.77	0.00	13.85	13.85	0.00	0.30	0.30	0.00	13.55	13.55
	0.00	3.19	3.19	0.68	0.68	0.68	0.00	2.50	2.50	0.00	0.20	0.20	0.00	2.30	2.30
	0.00	11.49	11.49	0.83	0.83	0.83	0.00	10.66	10.66	0.00	0.30	0.30	0.00	10.36	10.36
	0.00	9.75	9.75	0.74	0.74	0.74	0.00	9.00	9.00	0.00	0.30	0.30	0.00	8.71	8.71
	0.00	6.96	6.96	0.00	0.00	0.00	0.00	6.96	6.96	0.00	0.00	0.00	0.00	6.96	6.96
	0.00	19.18	19.18	0.00	0.00	0.00	0.00	19.18	19.18	0.00	0.00	0.00	0.00	19.18	19.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	10.82	10.82	0.00	0.00	0.00	0.00	10.82	10.82	0.00	0.00	0.00	0.00	10.82	10.82
	0.00	9.81	9.81	0.66	0.66	0.66	0.00	9.15	9.15	0.00	0.25	0.25	0.00	8.90	8.90
	0.00	10.89	10.89	0.86	0.86	0.86	0.00	10.03	10.03	0.00	0.06	0.06	0.00	9.96	9.96
	0.00	9.40	9.40	0.00	0.00	0.00	0.00	9.40	9.40	0.00	0.00	0.00	0.00	9.40	9.40
	0.00	4.62	4.62	0.00	0.00	0.00	0.00	4.62	4.62	0.00	0.00	0.00	0.00	4.62	4.62
	0.00	5.64	5.64	0.00	0.00	0.00	0.00	5.64	5.64	0.00	0.00	0.00	0.00	5.64	5.64
	0.00	10.16	10.16	0.00	0.00	0.00	0.00	10.16	10.16	0.00	0.00	0.00	0.00	10.16	10.16
	0.00	147.81	147.81	0.00	5.98	5.98	0.00	141.84	141.84	0.00	1.98	1.98	0.00	139.86	139.86
Sokoto	0.00	25.82	25.82	0.85	0.85	0.85	0.00	24.97	24.97	0.00	0.34	0.34	0.00	24.63	24.63
	0.00	5.96	5.96	0.81	0.81	0.81	0.00	5.15	5.15	0.00	0.32	0.32	0.00	4.82	4.82
	0.00	12.28	12.28	0.00	0.00	0.00	0.00	12.28	12.28	0.00	0.00	0.00	0.00	12.28	12.28
	0.00	9.37	9.37	0.00	0.00	0.00	0.00	9.37	9.37	0.00	0.00	0.00	0.00	9.37	9.37
	0.00	9.68	9.68	0.00	0.00	0.00	0.00	9.68	9.68	0.00	0.00	0.00	0.00	9.68	9.68
	0.00	6.64	6.64	0.00	0.00	0.00	0.00	6.64	6.64	0.00	0.00	0.00	0.00	6.64	6.64
	0.00	31.61	31.61	0.69	0.69	0.69	0.00	30.92	30.92	0.00	0.28	0.28	0.00	30.64	30.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	5.48	5.48	1.18	1.18	1.18	0.00	4.30	4.30	0.00	0.47	0.47	0.00	3.83	3.83
	0.00	7.38	7.38	1.87	1.87	1.87	0.00	5.51	5.51	0.00	0.88	0.88	0.00	4.63	4.63
	0.00	8.35	8.35	0.00	0.00	0.00	0.00	8.35	8.35	0.00	0.00	0.00	0.00	8.35	8.35
	0.00	11.58	11.58	1.39	1.39	1.39	0.00	10.19	10.19	0.00	0.59	0.59	0.00	9.60	9.60
	0.00	11.05	11.05	1.28	1.28	1.28	0.00	9.78	9.78	0.00	0.54	0.54	0.00	9.23	9.23
	0.00	4.73	4.73	0.00	0.00	0.00	0.00	4.73	4.73	0.00	0.00	0.00	0.00	4.73	4.73
	0.00	8.29	8.29	0.00	0.00	0.00	0.00	8.29	8.29	0.00	0.00	0.00	0.00	8.29	8.29
	0.00	8.35	8.35	0.00	0.00	0.00	0.00	8.35	8.35	0.00	0.00	0.00	0.00	8.35	8.35
	0.00	13.19	13.19	0.00	0.00	0.00	0.00	13.19	13.19	0.00	0.00	0.00	0.00	13.19	13.19
	0.00	3.80	3.80	0.87	0.87	0.87	0.00	2.93	2.93	0.00	0.32	0.32	0.00	2.61	2.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	7.38	7.38	1.07	1.07	1.07	0.00	6.31	6.31	0.00	0.45	0.45	0.00	5.86	5.86
	0.00	9.11	9.11	0.00	0.00	0.00	0.00	9.11	9.11	0.00	0.00	0.00	0.00	9.11	9.11
	0.00	11.96	11.96	0.00	0.00	0.00	0.00	11.96	11.96	0.00	0.00	0.00	0.00	11.96	11.96
	0.00	8.65	8.65	0.00	0.00	0.00	0.00	8.65	8.65	0.00	0.00	0.00	0.00	8.65	8.65
	0.00	5.40	5.40	0.00	0.00	0.00	0.00	5.40	5.40	0.00	0.00	0.00	0.00	5.40	5.40
	0.00	5.06	5.06	1.32	1.32	1.32	0.00	3.75	3.75	0.00	0.54	0.54	0.00	3.21	3.21
	0.00	9.87	9.87	1.06	1.06	1.06	0.00	8.81	8.81	0.00	0.43	0.43	0.00	8.38	8.38
	0.00	10.95	10.95	0.00	0.00	0.00	0.00	10.95	10.95	0.00	0.00	0.00	0.00	10.95	10.95
	0.00	3.23	3.23	0.00	0.00	0.00	0.00	3.23	3.23	0.00	0.00	0.00	0.00	3.23	3.23
	0.00	11.39	11.39	0.00	0.00	0.00	0.00	11.39	11.39	0.00	0.00	0.00	0.00	11.39	11.39
	0.00	266.59	266.59	0.00	12.40	12.40	0.00	254.19	254.19	0.00	5.16	5.16	0.00	249.03	249.03

TABLE 23 RURAL WATER SUPPLY PLANNING BALANCE (2/15)

LGA	Demand			Actual Supply Capa.			Deficit			Improve Capa.by Rehab.			New Proposed Capa.		
	SW	GW	Total	SW	GW	Total	SW	GW	Total	SW	GW	Total	SW	GW	Total
	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD
Katsina															
2301	0.00	13.34	13.34	0.00	0.00	0.00	0.00	13.34	13.34	0.00	0.00	0.00	0.00	13.34	13.34
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	9.18	9.18	0.00	0.00	0.00	0.00	9.18	9.18	0.00	0.00	0.00	0.00	9.18	9.18
4	0.00	6.06	6.06	0.00	0.00	0.00	0.00	6.06	6.06	0.00	0.00	0.00	0.00	6.06	6.06
5	0.00	17.93	17.93	0.96	0.96	0.96	0.00	16.97	16.97	0.00	0.42	0.42	0.00	16.56	16.56
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	12.34	12.34	0.34	0.34	0.34	0.00	12.00	12.00	0.00	0.13	0.13	0.00	11.87	11.87
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	16.29	16.29	0.00	0.00	0.00	0.00	16.29	16.29	0.00	0.00	0.00	0.00	16.29	16.29
10	0.00	13.76	13.76	0.31	0.31	0.31	0.00	13.46	13.46	0.00	0.12	0.12	0.00	13.34	13.34
11	0.00	6.96	6.96	0.21	0.21	0.21	0.00	6.75	6.75	0.00	0.08	0.08	0.00	6.67	6.67
12	0.00	8.10	8.10	0.00	0.00	0.00	0.00	8.10	8.10	0.00	0.00	0.00	0.00	8.10	8.10
13	0.00	8.44	8.44	0.48	0.48	0.48	0.00	7.96	7.96	0.00	0.22	0.22	0.00	7.73	7.73
14	0.00	14.01	14.01	0.58	0.58	0.58	0.00	13.32	13.32	0.00	0.12	0.12	0.00	13.20	13.20
15	0.00	11.01	11.01	0.43	0.43	0.43	0.00	10.58	10.58	0.00	0.17	0.17	0.00	10.41	10.41
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	19.81	19.81	0.40	0.40	0.40	0.00	19.41	19.41	0.00	0.16	0.16	0.00	19.25	19.25
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	7.59	7.59	0.77	0.77	0.77	0.00	6.82	6.82	0.00	0.31	0.31	0.00	6.51	6.51
21	0.00	11.90	11.90	0.00	0.00	0.00	0.00	11.90	11.90	0.00	0.00	0.00	0.00	11.90	11.90
22	0.00	10.19	10.19	0.00	0.00	0.00	0.00	10.19	10.19	0.00	0.00	0.00	0.00	10.19	10.19
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	8.14	8.14	0.35	0.35	0.35	0.00	7.79	7.79	0.00	0.14	0.14	0.00	7.65	7.65
25	0.00	17.21	17.21	0.00	0.00	0.00	0.00	17.21	17.21	0.00	0.00	0.00	0.00	17.21	17.21
26	0.00	13.54	13.54	1.09	1.09	1.09	0.00	12.46	12.46	0.00	0.43	0.43	0.00	12.02	12.02
	0.00	225.81	225.81	0.00	6.03	6.03	0.00	219.79	219.79	0.00	2.30	2.30	0.00	217.48	217.48

TABLE 23 RURAL WATER SUPPLY PLANNING BALANCE (3/15)

LGA	Demand			Actual Supply Capa.			Deficit			Improve Capa. by Rehab.			New Proposed Capa.		
	SW	GW	Total	SW	GW	Total	SW	GW	Total	SW	GW	Total	SW	GW	Total
	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD
Kano															
2701	0.00	10.85	10.85	0.03	0.03	0.03	0.00	10.82	10.82	0.00	0.01	0.01	0.00	10.81	10.81
2	0.00	9.79	9.79	0.02	0.02	0.02	0.00	9.77	9.77	0.00	0.01	0.01	0.00	9.76	9.76
3	0.00	25.68	25.68	0.20	0.20	0.20	0.00	25.48	25.48	0.00	0.08	0.08	0.00	25.39	25.39
4	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	11.11	11.11	0.16	0.16	0.16	0.00	10.95	10.95	0.00	0.06	0.06	0.00	10.89	10.89
6	0.00	11.53	11.53	0.00	0.00	0.00	0.00	11.53	11.53	0.00	0.00	0.00	0.00	11.53	11.53
7	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	13.24	13.24	0.68	0.68	0.68	0.00	12.57	12.57	0.00	0.41	0.41	0.00	12.16	12.16
9	0.00	15.38	15.38	0.67	0.67	0.67	0.00	14.70	14.70	0.00	0.30	0.30	0.00	14.40	14.40
10	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	9.56	9.56	0.17	0.17	0.17	0.00	9.39	9.39	0.00	0.07	0.07	0.00	9.33	9.33
12	0.00	14.25	14.25	0.01	0.01	0.01	0.00	14.23	14.23	0.00	0.00	0.00	0.00	14.23	14.23
13	0.00	22.00	22.00	0.42	0.42	0.42	0.00	21.58	21.58	0.00	0.17	0.17	0.00	21.41	21.41
14	0.00	9.63	9.63	0.24	0.24	0.24	0.00	9.39	9.39	0.00	0.10	0.10	0.00	9.29	9.29
15	0.00	7.82	7.82	0.09	0.09	0.09	0.00	7.73	7.73	0.00	0.04	0.04	0.00	7.69	7.69
16	0.00	8.33	8.33	0.08	0.08	0.08	0.00	8.26	8.26	0.00	0.03	0.03	0.00	8.22	8.22
17	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	22.39	22.39	0.32	0.32	0.32	0.00	22.07	22.07	0.00	0.13	0.13	0.00	21.94	21.94
19	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	14.73	14.73	0.11	0.11	0.11	0.00	14.62	14.62	0.00	0.04	0.04	0.00	14.58	14.58
21	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	8.40	8.40	0.26	0.26	0.26	0.00	8.14	8.14	0.00	0.10	0.10	0.00	8.04	8.04
23	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	14.92	14.92	0.12	0.12	0.12	0.00	14.80	14.80	0.00	0.05	0.05	0.00	14.76	14.76
25	0.00	7.82	7.82	0.03	0.03	0.03	0.00	7.79	7.79	0.00	0.01	0.01	0.00	7.78	7.78
26	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	8.04	8.04	0.11	0.11	0.11	0.00	7.94	7.94	0.00	0.04	0.04	0.00	7.89	7.89
28	0.00	15.51	15.51	0.11	0.11	0.11	0.00	15.39	15.39	0.00	0.08	0.08	0.00	15.31	15.31
29	0.00	12.99	12.99	0.25	0.25	0.25	0.00	12.74	12.74	0.00	0.10	0.10	0.00	12.64	12.64
30	0.00	15.02	15.02	0.18	0.18	0.18	0.00	14.84	14.84	0.00	0.07	0.07	0.00	14.77	14.77
31	0.00	21.71	21.71	0.17	0.17	0.17	0.00	21.54	21.54	0.00	0.07	0.07	0.00	21.47	21.47
32	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	14.86	14.86	0.43	0.43	0.43	0.00	14.43	14.43	0.00	0.17	0.17	0.00	14.25	14.25
	0.00	325.54	325.54	0.00	4.85	4.85	0.00	320.69	320.69	0.00	2.14	2.14	0.00	318.55	318.55
Jigawa															
2801	0.00	8.72	8.72	0.13	0.13	0.13	0.00	8.59	8.59	0.00	0.00	0.00	0.00	8.59	8.59
2	0.00	11.05	11.05	0.34	0.34	0.34	0.00	10.71	10.71	0.00	0.00	0.00	0.00	10.71	10.71
3	0.00	18.93	18.93	0.42	0.42	0.42	0.00	18.51	18.51	0.00	0.00	0.00	0.00	18.51	18.51
4	0.00	6.37	6.37	0.22	0.22	0.22	0.00	6.16	6.16	0.00	0.00	0.00	0.00	6.16	6.16
5	0.00	9.98	9.98	0.15	0.15	0.15	0.00	9.83	9.83	0.00	0.00	0.00	0.00	9.83	9.83
6	0.00	7.82	7.82	0.63	0.63	0.63	0.00	7.18	7.18	0.00	0.00	0.00	0.00	7.18	7.18
7	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	18.99	18.99	0.25	0.25	0.25	0.00	18.75	18.75	0.00	0.10	0.10	0.00	18.65	18.65
9	0.00	9.91	9.91	0.18	0.18	0.18	0.00	9.73	9.73	0.00	0.00	0.00	0.00	9.73	9.73
10	0.00	16.15	16.15	0.45	0.45	0.45	0.00	15.70	15.70	0.00	0.00	0.00	0.00	15.70	15.70
11	0.00	14.54	14.54	0.55	0.55	0.55	0.00	13.99	13.99	0.00	0.00	0.00	0.00	13.99	13.99
12	0.00	7.88	7.88	0.12	0.12	0.12	0.00	7.77	7.77	0.00	0.00	0.00	0.00	7.77	7.77
13	0.00	17.25	17.25	0.25	0.25	0.25	0.00	17.00	17.00	0.00	0.00	0.00	0.00	17.00	17.00
14	0.00	10.47	10.47	0.07	0.07	0.07	0.00	10.40	10.40	0.00	0.00	0.00	0.00	10.40	10.40
15	0.00	17.35	17.35	0.25	0.25	0.25	0.00	17.10	17.10	0.00	0.00	0.00	0.00	17.10	17.10
16	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	18.70	18.70	0.33	0.33	0.33	0.00	18.37	18.37	0.00	0.00	0.00	0.00	18.37	18.37
18	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	16.02	16.02	0.42	0.42	0.42	0.00	15.60	15.60	0.00	0.00	0.00	0.00	15.60	15.60
20	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	7.11	7.11	0.13	0.13	0.13	0.00	6.97	6.97	0.00	0.00	0.00	0.00	6.97	6.97
22	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	217.23	217.23	0.00	4.88	4.88	0.00	212.36	212.36	0.00	0.10	0.10	0.00	212.26	212.26

TABLE 23 RURAL WATER SUPPLY PLANNING BALANCE (4/15)

LGA	Demand			Actual Supply Capa.			Deficit			Improve Capa. by Rehab.			New Proposed Capa.		
	SW	GW	Total	SW	GW	Total	SW	GW	Total	SW	GW	Total	SW	GW	Total
	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD
Yobe															
2901	0.00	17.93	17.93	0.00	0.19	0.19	0.00	17.74	17.74	0.00	0.07	0.07	0.00	17.67	17.57
2	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	6.98	6.98	0.00	0.65	0.65	0.00	6.33	6.33	0.00	0.31	0.31	0.00	6.01	6.01
4	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	12.60	12.60	0.00	0.72	0.72	0.00	11.88	11.88	0.00	0.14	0.14	0.00	11.73	11.73
6	0.00	13.18	13.18	0.00	0.44	0.44	0.00	12.74	12.74	0.00	0.12	0.12	0.00	12.62	12.62
7	0.00	8.24	8.24	0.00	0.71	0.71	0.00	7.53	7.53	0.00	0.36	0.36	0.00	7.16	7.16
8	0.00	13.95	13.95	0.00	0.43	0.43	0.00	13.52	13.52	0.00	0.09	0.09	0.00	13.43	13.43
9	0.00	10.37	10.37	0.00	0.07	0.07	0.00	10.30	10.30	0.00	0.02	0.02	0.00	10.28	10.28
10	0.00	13.51	13.51	0.00	0.30	0.30	0.00	13.21	13.21	0.00	0.09	0.09	0.00	13.12	13.12
11	0.00	5.90	5.90	0.00	0.22	0.22	0.00	5.68	5.68	0.00	0.06	0.06	0.00	5.62	5.62
12	0.00	7.17	7.17	0.00	0.09	0.09	0.00	7.08	7.08	0.00	0.03	0.03	0.00	7.06	7.06
	0.00	109.83	109.83	0.00	3.82	3.82	0.00	106.01	106.01	0.00	1.31	1.31	0.00	104.70	104.70
Borno															
3001	0.00	11.98	11.98	0.00	0.10	0.10	0.00	11.88	11.88	0.00	0.04	0.04	0.00	11.84	11.84
2	0.00	10.50	10.50	0.00	0.59	0.59	0.00	9.91	9.91	0.00	0.29	0.29	0.00	9.62	9.62
3	0.00	11.68	11.68	0.00	0.36	0.36	0.00	11.33	11.33	0.00	0.13	0.13	0.00	11.20	11.20
4	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	10.55	10.55	0.00	0.76	0.76	0.00	9.79	9.79	0.00	0.54	0.54	0.00	9.25	9.25
6	0.00	3.88	3.88	0.00	1.25	1.25	0.00	2.62	2.62	0.00	0.86	0.86	0.00	1.76	1.76
7	0.00	12.13	12.13	0.00	1.09	1.09	0.00	11.05	11.05	0.00	0.58	0.58	0.00	10.47	10.47
8	0.00	4.52	4.52	0.00	2.56	2.56	0.00	1.96	1.96	0.00	1.87	1.87	0.00	0.09	0.09
9	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	9.37	9.37	0.00	0.30	0.30	0.00	9.07	9.07	0.00	0.14	0.14	0.00	8.93	8.93
11	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	6.46	6.46	0.00	1.14	1.14	0.00	5.32	5.32	0.00	0.50	0.50	0.00	4.81	4.81
13	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	8.13	8.13	0.00	0.35	0.35	0.00	7.78	7.78	0.00	0.14	0.14	0.00	7.64	7.64
16	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	5.38	5.38	0.00	0.00	0.00	0.00	5.38	5.38	0.00	0.00	0.00	0.00	5.38	5.38
18	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	6.78	6.78	0.00	0.00	0.00	0.00	6.78	6.78	0.00	0.00	0.00	0.00	6.78	6.78
20	0.00	14.40	14.40	0.00	0.20	0.20	0.00	14.20	14.20	0.00	0.06	0.06	0.00	14.13	14.13
21	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	115.77	115.77	0.00	8.70	8.70	0.00	107.07	107.07	0.00	5.16	5.16	0.00	101.90	101.90

TABLE 23 RURAL WATER SUPPLY PLANNING BALANCE (5/15)

LGA	Demand			Actual Supply Capa.			Deficit			Improve Capa. by Rehab.			New Proposed Capa.			
	SW	GW	Total	SW	GW	Total	SW	GW	Total	SW	GW	Total	SW	GW	Total	
	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	
Bauchi	0.00	15.18	15.18	0.00	0.00	0.00	0.00	15.18	15.18	0.00	0.00	0.00	0.00	0.00	15.18	15.18
2601	0.00	24.61	24.61	1.01	1.01	1.01	0.00	23.60	23.60	0.00	0.00	0.00	0.00	0.00	23.03	23.03
2	0.00	12.69	12.69	0.49	0.49	0.49	0.00	12.40	12.40	0.00	0.00	0.00	0.00	0.00	12.17	12.17
3	0.00	3.68	3.68	0.79	0.79	0.79	0.00	2.89	2.89	0.00	0.00	0.00	0.00	0.00	2.44	2.44
4	0.00	5.49	5.49	0.22	0.22	0.22	0.00	5.27	5.27	0.00	0.00	0.00	0.00	0.00	5.18	5.18
5	0.00	10.60	10.60	0.68	0.68	0.68	0.00	9.91	9.91	0.00	0.00	0.00	0.00	0.00	9.54	9.54
6	0.00	5.14	5.14	0.23	0.23	0.23	0.00	4.90	4.90	0.00	0.00	0.00	0.00	0.00	4.81	4.81
7	0.00	15.31	15.31	0.46	0.46	0.46	0.00	14.85	14.85	0.00	0.00	0.00	0.00	0.00	14.60	14.60
8	0.00	11.69	11.69	0.47	0.47	0.47	0.00	11.23	11.23	0.00	0.00	0.00	0.00	0.00	11.01	11.01
9	0.00	12.19	12.19	0.51	0.51	0.51	0.00	11.68	11.68	0.00	0.00	0.00	0.00	0.00	11.41	11.41
10	0.00	8.27	8.27	0.20	0.20	0.20	0.00	8.07	8.07	0.00	0.00	0.00	0.00	0.00	7.98	7.98
11	0.00	3.88	3.88	0.35	0.35	0.35	0.00	3.52	3.52	0.00	0.00	0.00	0.00	0.00	3.35	3.35
12	0.00	8.10	8.10	0.91	0.91	0.91	0.00	7.19	7.19	0.00	0.00	0.00	0.00	0.00	6.69	6.69
13	0.00	14.15	14.15	0.73	0.73	0.73	0.00	13.42	13.42	0.00	0.00	0.00	0.00	0.00	13.10	13.10
14	0.00	18.02	18.02	0.36	0.36	0.36	0.00	17.66	17.66	0.00	0.00	0.00	0.00	0.00	17.45	17.45
15	0.00	28.10	28.10	0.72	0.72	0.72	0.00	27.38	27.38	0.00	0.00	0.00	0.00	0.00	26.96	26.96
16	0.00	15.70	15.70	0.59	0.59	0.59	0.00	15.11	15.11	0.00	0.00	0.00	0.00	0.00	14.88	14.88
17	0.00	18.22	18.22	0.77	0.77	0.77	0.00	17.44	17.44	0.00	0.00	0.00	0.00	0.00	17.03	17.03
18	0.00	20.83	20.83	0.83	0.83	0.83	0.00	20.01	20.01	0.00	0.00	0.00	0.00	0.00	19.54	19.54
19	0.00	14.28	14.28	0.00	0.00	0.00	0.00	14.28	14.28	0.00	0.00	0.00	0.00	0.00	14.28	14.28
20	0.00	10.72	10.72	0.17	0.17	0.17	0.00	10.55	10.55	0.00	0.00	0.00	0.00	0.00	10.48	10.48
21	0.00	13.86	13.86	0.80	0.80	0.80	0.00	13.06	13.06	0.00	0.00	0.00	0.00	0.00	12.58	12.58
22	0.00	10.08	10.08	0.43	0.43	0.43	0.00	9.65	9.65	0.00	0.00	0.00	0.00	0.00	9.48	9.48
23	0.00	300.99	300.99	0.00	11.73	11.73	0.00	289.26	289.26	0.00	0.00	0.00	0.00	0.00	283.16	283.16

TABLE 23 RURAL WATER SUPPLY PLANNING BALANCE (6/15)

LGA	Demand			Actual Supply Capa.			Deficit			Improve Capa. by Rehab.			New Proposed Capa.		
	SW	GW	Total	SW	GW	Total	SW	GW	Total	SW	GW	Total	SW	GW	Total
Raduna	0.00	12.99	12.99	0.00	0.35	0.35	0.00	12.64	12.64	0.00	0.17	0.17	0.00	12.47	12.47
	0.00	27.65	27.65	0.00	0.34	0.34	0.00	27.31	27.31	0.00	0.14	0.14	0.00	27.17	27.17
	0.00	18.43	18.43	0.00	0.46	0.46	0.00	17.98	17.98	0.00	0.18	0.18	0.00	17.80	17.80
	0.00	21.28	21.28	0.00	0.97	0.97	0.00	20.31	20.31	0.00	0.49	0.49	0.00	19.82	19.82
	0.00	10.02	10.02	0.00	0.31	0.31	0.00	9.72	9.72	0.00	0.12	0.12	0.00	9.59	9.59
	0.00	20.04	20.04	0.00	0.19	0.19	0.00	19.86	19.86	0.00	0.07	0.07	0.00	19.78	19.78
	0.00	0.00	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	5.61	5.61	0.00	0.20	0.20	0.00	5.46	5.46	0.00	0.06	0.06	0.00	5.40	5.40
	0.00	11.88	11.88	0.00	0.41	0.41	0.00	11.67	11.67	0.00	0.11	0.11	0.00	11.56	11.56
	0.00	13.67	13.67	0.00	0.26	0.26	0.00	13.26	13.26	0.00	0.23	0.23	0.00	13.03	13.03
	0.00	11.57	11.57	0.00	0.23	0.23	0.00	11.31	11.31	0.00	0.10	0.10	0.00	11.21	11.21
	0.00	13.83	13.83	0.00	0.11	0.11	0.00	13.59	13.59	0.00	0.04	0.04	0.00	13.55	13.55
	0.00	0.00	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	9.79	9.79	0.00	0.13	0.13	0.00	9.58	9.58	0.00	0.04	0.04	0.00	9.54	9.54
	0.00	0.00	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	3.11	3.11	0.00	0.13	0.13	0.00	3.05	3.05	0.00	0.02	0.02	0.00	3.03	3.03
	0.00	10.52	10.52	0.00	0.00	0.00	0.00	10.39	10.39	0.00	0.04	0.04	0.00	10.35	10.35
	0.00	0.00	0.00	0.00	4.16	4.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	190.39	190.39	0.00	0.57	0.57	0.00	186.23	186.23	0.00	1.83	1.83	0.00	184.40	184.40	
Niger	0.00	6.57	6.57	0.00	0.43	0.43	0.00	6.01	6.01	0.00	0.28	0.28	0.00	5.73	5.73
	0.00	0.00	0.00	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.13	0.13	0.00	0.00	0.00
	0.00	6.43	6.43	0.00	0.60	0.60	0.00	5.90	5.90	0.00	0.35	0.35	0.00	5.87	5.87
	0.00	6.80	6.80	0.00	0.85	0.85	0.00	17.80	17.80	0.00	0.30	0.30	0.00	5.55	5.55
	0.00	18.40	18.40	0.00	0.66	0.66	0.00	15.73	15.73	0.00	0.30	0.30	0.00	17.50	17.50
	0.00	16.58	16.58	0.00	0.67	0.67	0.00	14.06	14.06	0.00	0.33	0.33	0.00	15.43	15.43
	0.00	14.72	14.72	0.00	0.28	0.28	0.00	12.44	12.44	0.00	0.14	0.14	0.00	13.74	13.74
	0.00	13.11	13.11	0.00	1.14	1.14	0.00	26.08	26.08	0.00	0.52	0.52	0.00	12.12	12.12
	0.00	26.35	26.35	0.00	0.07	0.07	0.00	2.73	2.73	0.00	0.03	0.03	0.00	25.93	25.93
	0.00	3.87	3.87	0.00	0.14	0.14	0.00	24.06	24.06	0.00	0.04	0.04	0.00	2.21	2.21
	0.00	24.13	24.13	0.00	1.11	1.11	0.00	9.53	9.53	0.00	0.56	0.56	0.00	24.03	24.03
	0.00	9.67	9.67	0.00	0.23	0.23	0.00	17.69	17.69	0.00	0.12	0.12	0.00	9.49	9.49
	0.00	18.81	18.81	0.00	0.57	0.57	0.00	0.00	0.00	0.00	0.29	0.29	0.00	17.13	17.13
	0.00	0.00	0.00	0.00	0.16	0.16	0.00	5.06	5.06	0.00	0.06	0.06	0.00	0.00	0.00
	0.00	5.29	5.29	0.00	0.00	0.00	0.00	6.11	6.11	0.00	0.12	0.12	0.00	4.93	4.93
	0.00	6.68	6.68	0.00	0.16	0.16	0.00	5.54	5.54	0.00	0.29	0.29	0.00	5.82	5.82
	0.00	5.69	5.69	0.00	0.00	0.00	0.00	3.56	3.56	0.00	0.06	0.06	0.00	5.47	5.47
	0.00	3.56	3.56	0.00	0.00	0.00	0.00	12.87	12.87	0.00	0.00	0.00	0.00	3.56	3.56
0.00	12.87	12.87	0.00	8.37	8.37	0.00	191.16	191.16	0.00	3.78	3.78	0.00	12.87	12.87	
0.00	199.53	199.53	0.00	0.58	0.58	0.00	5.76	5.76	0.00	0.23	0.23	0.00	187.38	187.38	
Kwara	0.00	6.34	6.34	0.00	0.72	0.72	0.00	7.94	7.94	0.00	0.39	0.39	0.00	5.52	5.52
	0.00	8.66	8.66	0.00	0.34	0.34	0.00	14.13	14.13	0.00	0.23	0.23	0.00	7.55	7.55
	0.00	14.48	14.48	0.00	0.23	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.91	13.91
	0.00	0.00	0.00	0.00	0.16	0.16	0.00	17.63	17.63	0.00	0.16	0.16	0.00	0.00	0.00
	0.00	17.86	17.86	0.00	0.11	0.11	0.00	18.12	18.12	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.16	0.16	0.00	0.81	0.81	0.00	0.06	0.06	0.00	0.00	0.00
	0.00	18.23	18.23	0.00	0.15	0.15	0.00	16.00	16.00	0.00	0.06	0.06	0.00	0.75	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.94	15.94
	0.00	0.97	0.97	0.00	2.30	2.30	0.00	80.39	80.39	0.00	1.14	1.14	0.00	0.00	0.00
	0.00	16.15	16.15	0.00	8.37	8.37	0.00	191.16	191.16	0.00	3.78	3.78	0.00	187.38	187.38
	0.00	0.00	0.00	0.00	0.58	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	82.69	82.69	0.00	0.00	0.00	0.00	80.39	80.39	0.00	1.14	1.14	0.00	79.26	79.26

TABLE 23 RURAL WATER SUPPLY PLANNING BALANCE (7/15)

LGA	Demand			Actual Supply Capa.			Deficit			Improve Capa. by Rehab.			New Proposed Capa.		
	SW MLD	GW MLD	Total MLD	SW MLD	GW MLD	Total MLD	SW MLD	GW MLD	Total MLD	SW MLD	GW MLD	Total MLD	SW MLD	GW MLD	Total MLD
Rogi															
1801	8.13	18.71	26.85	0.17	0.39	0.56	7.96	18.32	26.29	0.13	0.11	0.24	7.83	18.21	26.05
2	0.00	11.97	11.97	0.38	0.38	0.38	0.00	11.59	11.59	0.00	0.11	0.11	0.00	11.48	11.48
3	0.00	21.87	21.87	0.19	0.19	0.19	0.00	21.67	21.67	0.00	0.06	0.06	0.00	21.61	21.61
4	0.00	23.28	23.28	0.06	0.06	0.06	0.00	23.22	23.22	0.00	0.00	0.00	0.00	23.22	23.22
5	0.00	12.71	12.71	0.16	0.16	0.16	0.00	12.55	12.55	0.00	0.05	0.05	0.00	12.50	12.50
6	0.00	14.34	14.34	0.12	0.12	0.12	0.00	14.22	14.22	0.00	0.03	0.03	0.00	14.19	14.19
7	0.00	9.19	9.19	0.06	0.06	0.06	0.00	9.13	9.13	0.00	0.00	0.00	0.00	9.13	9.13
8	0.00	12.23	12.23	0.01	0.01	0.01	0.00	12.22	12.22	0.00	0.00	0.00	0.00	12.22	12.22
9	7.44	3.14	10.58	0.23	0.10	0.33	7.21	3.05	10.25	0.07	0.03	0.10	7.14	3.01	10.15
10	0.00	10.58	10.58	0.00	0.00	0.00	0.00	10.58	10.58	0.00	0.00	0.00	0.00	10.58	10.58
11	0.00	8.44	8.44	0.15	0.15	0.15	0.00	8.29	8.29	0.00	0.05	0.05	0.00	8.25	8.25
12	0.00	18.09	18.09	0.06	0.06	0.06	0.00	18.03	18.03	0.00	0.00	0.00	0.00	18.03	18.03
13	0.00	8.66	8.66	0.02	0.02	0.02	0.00	8.64	8.64	0.00	0.00	0.00	0.00	8.64	8.64
14	0.00	6.71	6.71	0.21	0.21	0.21	0.00	6.50	6.50	0.00	0.08	0.08	0.00	6.42	6.42
15	6.80	2.24	9.05	0.20	0.07	0.27	6.60	2.18	8.78	0.10	0.03	0.13	6.50	2.15	8.65
16	0.00	1.67	1.67	0.03	0.03	0.03	0.00	1.64	1.64	0.00	0.00	0.00	0.00	1.64	1.64
	22.37	183.84	206.21	0.60	2.01	2.61	21.77	181.83	203.60	0.30	0.54	0.84	21.47	181.28	202.75
FCT															
3101	0.00	3.71	3.71	0.01	0.01	0.01	0.00	3.70	3.70	0.00	0.00	0.00	0.00	3.70	3.70
2	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	12.53	12.53	0.00	0.00	0.00	0.00	12.52	12.52	0.00	0.00	0.00	0.00	12.52	12.52
4	0.00	9.43	9.43	0.01	0.01	0.01	0.00	9.42	9.42	0.00	0.00	0.00	0.00	9.42	9.42
	0.00	25.67	25.67	0.00	0.03	0.03	0.00	25.64	25.64	0.00	0.00	0.00	0.00	25.64	25.64

TABLE 23 RURAL WATER SUPPLY PLANNING BALANCE (8/15)

LGA	Demand			Actual Supply Capa.			Deficit			Improve Capa. by Rehab.			New Proposed Capa.		
	SW	GW	Total	SW	GW	Total	SW	GW	Total	SW	GW	Total	SW	GW	Total
	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD
Acamawa															
2501	0.00	22.35	22.35	0.34	0.34	0.34	0.00	22.01	22.01	0.00	0.12	0.12	0.00	21.89	21.89
2	0.00	24.83	24.83	0.15	0.15	0.15	0.00	24.67	24.67	0.00	0.04	0.04	0.00	24.63	24.63
3	0.00	12.79	12.79	0.08	0.08	0.08	0.00	12.71	12.71	0.00	0.02	0.02	0.00	12.68	12.68
4	0.00	4.53	4.53	0.09	0.09	0.09	0.00	4.44	4.44	0.00	0.02	0.02	0.00	4.42	4.42
5	0.00	10.18	10.18	0.41	0.41	0.41	0.00	9.77	9.77	0.00	0.12	0.12	0.00	9.65	9.65
6	0.00	7.52	7.52	0.11	0.11	0.11	0.00	7.41	7.41	0.00	0.04	0.04	0.00	7.37	7.37
7	0.00	9.76	9.76	0.57	0.57	0.57	0.00	9.19	9.19	0.00	0.33	0.33	0.00	8.85	8.85
8	0.00	7.63	7.63	0.48	0.48	0.48	0.00	7.14	7.14	0.00	0.11	0.11	0.00	7.04	7.04
9	0.00	11.77	11.77	0.38	0.38	0.38	0.00	11.39	11.39	0.00	0.23	0.23	0.00	11.17	11.17
10	0.00	14.72	14.72	0.23	0.23	0.23	0.00	14.49	14.49	0.00	0.06	0.06	0.00	14.44	14.44
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	28.05	28.05	0.19	0.19	0.19	0.00	27.86	27.86	0.00	0.07	0.07	0.00	27.80	27.80
13	0.00	3.97	3.97	0.20	0.20	0.20	0.00	3.77	3.77	0.00	0.06	0.06	0.00	3.70	3.70
14	0.00	10.02	10.02	0.26	0.26	0.26	0.00	9.76	9.76	0.00	0.12	0.12	0.00	9.64	9.64
15	0.00	5.94	5.94	0.29	0.29	0.29	0.00	5.65	5.65	0.00	0.10	0.10	0.00	5.55	5.55
16	0.00	8.12	8.12	0.09	0.09	0.09	0.00	8.03	8.03	0.00	0.03	0.03	0.00	8.00	8.00
	0.00	182.16	182.16	3.87	3.87	3.87	0.00	178.29	178.29	0.00	1.45	1.45	0.00	176.84	176.84
Tarabe															
2401	0.00	45.45	45.45	0.12	0.12	0.12	0.00	45.33	45.33	0.00	0.05	0.05	0.00	45.28	45.28
2	0.00	6.51	6.51	0.08	0.08	0.08	0.00	6.43	6.43	0.00	0.03	0.03	0.00	6.40	6.40
3	0.00	6.68	6.68	1.20	1.20	1.20	0.00	5.48	5.48	0.00	0.88	0.88	0.00	4.60	4.60
4	0.00	20.79	20.79	0.07	0.07	0.07	0.00	20.72	20.72	0.00	0.03	0.03	0.00	20.69	20.69
5	0.00	31.22	31.22	0.07	0.07	0.07	0.00	31.15	31.15	0.00	0.03	0.03	0.00	31.13	31.13
6	0.00	11.94	11.94	2.55	2.55	2.55	0.00	9.39	9.39	0.00	1.86	1.86	0.00	7.53	7.53
7	0.00	7.26	7.26	0.11	0.11	0.11	0.00	7.16	7.16	0.00	0.04	0.04	0.00	7.11	7.11
8	0.00	4.35	4.35	0.05	0.05	0.05	0.00	4.30	4.30	0.00	0.02	0.02	0.00	4.28	4.28
9	0.00	6.14	6.14	0.06	0.06	0.06	0.00	6.08	6.08	0.00	0.02	0.02	0.00	6.06	6.06
10	0.00	7.17	7.17	0.10	0.10	0.10	0.00	7.07	7.07	0.00	0.04	0.04	0.00	7.03	7.03
11	0.00	8.70	8.70	0.07	0.07	0.07	0.00	8.64	8.64	0.00	0.03	0.03	0.00	8.61	8.61
12	0.00	3.94	3.94	0.09	0.09	0.09	0.00	3.85	3.85	0.00	0.04	0.04	0.00	3.82	3.82
	0.00	160.16	160.16	4.56	4.56	4.56	0.00	155.60	155.60	0.00	3.07	3.07	0.00	152.53	152.53
Plateau															
2101	0.00	17.70	17.70	0.51	0.51	0.51	0.00	17.19	17.19	0.00	0.17	0.17	0.00	17.02	17.02
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	19.47	19.47	0.22	0.22	0.22	0.00	19.25	19.25	0.00	0.06	0.06	0.00	19.20	19.20
4	0.00	12.35	12.35	0.50	0.50	0.50	0.00	11.85	11.85	0.00	0.20	0.20	0.00	11.65	11.65
5	0.00	10.94	10.94	0.00	0.00	0.00	0.00	10.94	10.94	0.00	0.00	0.00	0.00	10.94	10.94
6	0.00	6.97	6.97	0.30	0.30	0.30	0.00	6.67	6.67	0.00	0.10	0.10	0.00	6.57	6.57
7	0.00	10.05	10.05	0.43	0.43	0.43	0.00	9.62	9.62	0.00	0.14	0.14	0.00	9.48	9.48
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	16.99	16.99	0.31	0.31	0.31	0.00	16.68	16.68	0.00	0.10	0.10	0.00	16.58	16.58
10	0.00	11.77	11.77	0.57	0.57	0.57	0.00	11.20	11.20	0.00	0.19	0.19	0.00	11.01	11.01
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	11.01	11.01	0.40	0.40	0.40	0.00	10.61	10.61	0.00	0.15	0.15	0.00	10.46	10.46
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	8.16	8.16	0.29	0.29	0.29	0.00	7.87	7.87	0.00	0.11	0.11	0.00	7.76	7.76
15	0.00	22.02	22.02	0.93	0.93	0.93	0.00	21.08	21.08	0.00	0.28	0.28	0.00	20.80	20.80
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	32.66	32.66	0.58	0.58	0.58	0.00	32.08	32.08	0.00	0.17	0.17	0.00	31.91	31.91
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	16.36	16.36	0.92	0.92	0.92	0.00	15.44	15.44	0.00	0.35	0.35	0.00	15.09	15.09
20	0.00	13.75	13.75	0.43	0.43	0.43	0.00	13.32	13.32	0.00	0.16	0.16	0.00	13.16	13.16
21	0.00	21.00	21.00	1.12	1.12	1.12	0.00	19.88	19.88	0.00	0.50	0.50	0.00	19.38	19.38
22	0.00	15.09	15.09	0.25	0.25	0.25	0.00	14.84	14.84	0.00	0.07	0.07	0.00	14.77	14.77
23	0.00	14.40	14.40	0.28	0.28	0.28	0.00	14.12	14.12	0.00	0.11	0.11	0.00	14.01	14.01
	0.00	260.70	260.70	8.06	8.06	8.06	0.00	252.64	252.64	0.00	2.87	2.87	0.00	249.77	249.77

TABLE 23 RURAL WATER SUPPLY PLANNING BALANCE (9/15)

LGA	Demand			Actual Supply Capa.			Deficit			Improve Capa. by Rehab.			New Proposed Capa.		
	SW	GW	Total	SW	GW	Total	SW	GW	Total	SW	GW	Total	SW	GW	Total
	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD
Benue	0.00	14.96	14.96	0.00	0.10	0.10	0.00	14.86	14.86	0.00	0.02	0.02	0.00	14.84	14.84
1901	0.00	19.24	19.24	0.62	0.62	0.62	0.00	18.62	18.62	0.00	-0.01	-0.01	0.00	18.63	18.63
2	0.00	16.85	16.85	0.30	0.30	0.30	0.00	16.54	16.54	0.00	0.10	0.10	0.00	16.44	16.44
3	0.00	16.70	16.70	0.52	0.52	0.52	0.00	16.18	16.18	0.00	-0.11	-0.11	0.00	16.29	16.29
4	0.00	19.20	19.20	0.18	0.18	0.18	0.00	19.03	19.03	0.00	0.07	0.07	0.00	18.96	18.96
5	0.00	18.46	18.46	0.25	0.25	0.25	0.00	18.22	18.22	0.00	0.08	0.08	0.00	18.14	18.14
6	0.00	27.74	27.74	0.26	0.26	0.26	0.00	27.48	27.48	0.00	0.09	0.09	0.00	27.39	27.39
7	0.00	3.65	3.65	0.13	0.13	0.13	0.00	3.52	3.52	0.00	0.05	0.05	0.00	3.47	3.47
8	0.00	22.85	22.85	0.00	0.00	0.00	0.00	22.85	22.85	0.00	0.00	0.00	0.00	22.85	22.85
9	0.00	11.23	11.23	0.00	0.00	0.00	0.00	11.23	11.23	0.00	0.00	0.00	0.00	11.23	11.23
10	0.00	24.53	24.53	0.43	0.43	0.43	0.00	24.10	24.10	0.00	0.03	0.03	0.00	24.07	24.07
11	0.00	16.01	16.01	0.42	0.42	0.42	0.00	15.59	15.59	0.00	0.15	0.15	0.00	15.44	15.44
12	0.00	15.88	15.88	0.14	0.14	0.14	0.00	15.74	15.74	0.00	0.05	0.05	0.00	15.69	15.69
13	0.00	8.81	8.81	0.00	0.00	0.00	0.00	8.81	8.81	0.00	0.00	0.00	0.00	8.81	8.81
14	0.00	18.74	18.74	0.47	0.47	0.47	0.00	18.27	18.27	0.00	0.01	0.01	0.00	18.26	18.26
15	0.00	16.91	16.91	0.16	0.16	0.16	0.00	16.75	16.75	0.00	0.05	0.05	0.00	16.71	16.71
16	0.00	10.60	10.60	0.19	0.19	0.19	0.00	10.41	10.41	0.00	0.07	0.07	0.00	10.34	10.34
17	0.00	23.63	23.63	0.28	0.28	0.28	0.00	23.35	23.35	0.00	-0.20	-0.20	0.00	23.54	23.54
18	0.00	306.00	306.00	0.00	4.44	4.44	0.00	301.56	301.56	0.00	0.46	0.46	0.00	301.09	301.09

TABLE 23 RURAL WATER SUPPLY PLANNING BALANCE (10/15)

LGA	Demand			Actual Supply Capa.			Deficit			Improve Capa. by Rehab.			New Proposed Capa.		
	SW	GW	Total	SW	GW	Total	SW	GW	Total	SW	GW	Total	SW	GW	Total
	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD
Legos	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	0.00	3.36	3.36	0.54	0.54	0.54	0.00	2.82	2.82	0.00	0.08	0.08	0.00	2.74	2.74
2	0.00	2.82	2.82	0.40	0.40	0.40	0.00	2.42	2.42	0.00	0.12	0.12	0.00	2.31	2.31
3	0.00	4.83	4.83	0.56	0.56	0.56	0.00	4.27	4.27	0.00	0.36	0.36	0.00	3.91	3.91
4	0.00	0.71	0.71	0.10	0.10	0.10	0.00	0.61	0.61	0.00	0.02	0.02	0.00	0.58	0.58
5	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	5.14	5.14	0.62	0.62	0.62	0.00	4.52	4.52	0.00	0.28	0.28	0.00	4.24	4.24
8	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	16.86	16.86	2.22	2.22	2.22	0.00	14.64	14.64	0.00	0.86	0.86	0.00	13.78	13.78
Ogun	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	13.56	13.56	0.12	0.12	0.12	0.00	13.43	13.43	0.00	0.01	0.01	0.00	13.42	13.42
3	7.88	8.71	16.59	0.23	0.25	0.48	7.65	8.46	16.11	0.11	0.10	0.21	7.54	8.36	15.90
4	4.86	10.50	15.36	0.11	0.24	0.35	4.75	10.26	15.02	0.04	0.09	0.13	4.71	10.17	14.88
5	4.44	7.59	12.03	0.21	0.36	0.57	4.23	7.23	11.46	0.05	0.14	0.19	4.18	7.09	11.27
6	3.95	2.18	6.13	0.30	0.17	0.47	3.65	2.01	5.66	0.12	0.06	0.18	3.53	1.95	5.48
7	1.54	0.46	2.01	0.08	0.02	0.10	1.46	0.44	1.90	0.03	0.01	0.04	1.43	0.43	1.86
8	0.00	3.46	3.46	0.63	0.63	0.63	0.00	2.82	2.82	0.00	0.45	0.45	0.00	2.37	2.37
9	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.44	7.19	7.63	0.03	0.49	0.52	0.41	6.70	7.10	0.01	0.36	0.37	0.40	6.33	6.73
12	1.56	4.65	6.21	0.40	1.19	1.59	1.16	3.46	4.62	0.12	0.85	0.97	1.04	2.61	3.65
13	3.18	0.55	3.73	0.14	0.02	0.16	3.04	0.52	3.56	0.04	0.01	0.05	3.00	0.51	3.51
14	0.00	11.27	11.27	0.20	0.20	0.20	0.00	11.07	11.07	0.00	0.08	0.08	0.00	10.99	10.99
15	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	27.85	70.12	97.97	1.50	3.71	5.21	26.35	66.41	92.76	0.52	2.16	2.68	25.83	64.25	90.08
Delta	0.00	3.16	3.16	0.02	0.02	0.02	0.00	3.15	3.15	0.00	0.00	0.00	0.00	3.14	3.14
1	0.00	5.93	5.93	0.03	0.03	0.03	0.00	5.90	5.90	0.00	0.01	0.01	0.00	5.89	5.89
2	0.00	11.30	11.30	0.02	0.02	0.02	0.00	11.28	11.28	0.00	0.01	0.01	0.00	11.27	11.27
3	0.00	4.62	4.62	0.01	0.01	0.01	0.00	4.61	4.61	0.00	0.01	0.01	0.00	4.61	4.61
4	0.00	5.51	5.51	0.02	0.02	0.02	0.00	5.49	5.49	0.00	0.01	0.01	0.00	5.48	5.48
5	0.00	6.06	6.06	0.03	0.03	0.03	0.00	6.03	6.03	0.00	0.01	0.01	0.00	6.02	6.02
6	0.00	12.92	12.92	0.07	0.07	0.07	0.00	12.85	12.85	0.00	0.03	0.03	0.00	12.83	12.83
7	0.00	11.06	11.06	0.04	0.04	0.04	0.00	11.02	11.02	0.00	0.01	0.01	0.00	11.01	11.01
8	0.00	3.47	3.47	0.08	0.08	0.08	0.00	3.39	3.39	0.00	0.03	0.03	0.00	3.36	3.36
9	0.00	3.98	3.98	0.05	0.05	0.05	0.00	3.93	3.93	0.00	0.02	0.02	0.00	3.91	3.91
10	0.00	9.09	9.09	0.25	0.25	0.25	0.00	8.84	8.84	0.00	0.17	0.17	0.00	8.67	8.67
11	0.00	9.02	9.02	0.01	0.01	0.01	0.00	9.02	9.02	0.00	0.00	0.00	0.00	9.01	9.01
12	0.00	11.06	11.06	0.01	0.01	0.01	0.00	11.04	11.04	0.00	0.00	0.00	0.00	11.04	11.04
13	0.00	5.76	5.76	0.20	0.20	0.20	0.00	5.56	5.56	0.00	0.15	0.15	0.00	5.42	5.42
14	0.00	9.28	9.28	0.22	0.22	0.22	0.00	9.06	9.06	0.00	0.16	0.16	0.00	8.90	8.90
15	0.00	7.40	7.40	0.00	0.00	0.00	0.00	7.40	7.40	0.00	0.00	0.00	0.00	7.40	7.40
16	0.00	6.27	6.27	0.01	0.01	0.01	0.00	6.26	6.26	0.00	0.00	0.00	0.00	6.25	6.25
17	0.00	3.88	3.88	0.59	0.59	0.59	0.00	3.30	3.30	0.00	0.44	0.44	0.00	2.86	2.86
18	0.00	5.68	5.68	0.02	0.02	0.02	0.00	5.65	5.65	0.00	0.01	0.01	0.00	5.64	5.64
19	0.00	135.44	135.44	0.00	1.67	1.67	0.00	133.77	133.77	0.00	1.07	1.07	0.00	132.70	132.70

TABLE 23 RURAL WATER SUPPLY PLANNING BALANCE (12/15)

LGA	Demand				Actual Supply Capa.				Deficit				Improve Capa. by Rehab.				New Proposed Capa.							
	SW		GW		Total		SW		GW		Total		SW		GW		Total		SW		GW		Total	
	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD	
Ondo	0.00	6.31	6.31	6.31	0.20	0.20	0.00	6.11	6.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.03	6.03
1	0.00	5.87	5.87	5.87	0.10	0.10	0.00	5.77	5.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.73	5.73
2	0.00	10.51	10.51	10.51	0.10	0.10	0.00	10.41	10.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.37	10.37
3	0.00	4.48	4.48	4.48	0.34	0.34	0.00	4.14	4.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.01	4.01
4	0.00	7.74	7.74	7.74	0.12	0.12	0.00	7.62	7.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.57	7.57
5	0.00	5.68	5.68	5.68	0.08	0.08	0.00	5.59	5.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.56	5.56
6	0.00	6.98	6.98	6.98	0.10	0.10	0.00	6.88	6.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.84	6.84
7	6.30	1.80	8.11	8.11	0.42	0.54	5.88	1.58	7.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.63	7.44
8	0.00	3.05	3.05	3.05	0.10	0.10	0.00	2.95	2.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.91	2.91
9	7.01	5.78	12.79	12.79	0.08	0.15	6.93	5.72	12.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.69	12.60
10	0.00	5.25	5.25	5.25	0.12	0.12	0.00	5.13	5.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.08	5.08
11	0.00	9.55	9.55	9.55	0.06	0.06	0.00	9.49	9.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.46	9.46
12	0.00	3.33	3.33	3.33	0.03	0.03	0.00	3.25	3.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.22	3.22
13	0.00	12.12	12.12	12.12	0.11	0.11	0.00	12.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.96	11.96
14	0.00	23.30	23.30	23.30	0.05	0.05	0.00	23.25	23.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.23	23.23
15	0.00	5.25	5.25	5.25	0.13	0.13	0.00	5.13	5.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.08	5.08
16	0.00	7.46	7.46	7.46	0.13	0.13	0.00	7.32	7.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.27	7.27
17	0.00	2.34	2.34	2.34	0.10	0.10	0.00	2.25	2.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.21	2.21
18	0.00	13.95	13.95	13.95	0.26	0.26	0.00	13.69	13.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.59	13.59
19	6.80	0.99	7.79	7.79	0.33	0.38	6.47	0.94	7.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	7.33
20	0.00	0.00	0.00	0.00	0.11	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	4.63	3.05	7.68	7.68	0.20	0.33	4.43	2.92	7.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.87	7.20
22	0.00	10.42	10.42	10.42	0.11	0.11	0.00	10.31	10.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.27	10.27
23	0.00	4.32	4.32	4.32	0.06	0.06	0.00	4.26	4.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.24	4.24
24	0.00	8.90	8.90	8.90	0.02	0.02	0.00	8.87	8.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.86	8.86
25	0.00	8.36	8.36	8.36	0.09	0.09	0.00	8.27	8.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.23	8.23
26	24.75	176.78	201.53	201.53	1.03	3.84	23.72	173.97	197.69	0.27	0.27	0.27	1.13	1.40	23.45	172.84	196.29							
Edo	6.28	0.00	6.28	6.28	1.38	1.38	4.90	0.00	4.90	0.00	0.00	0.00	0.00	0.00	4.44	0.00	4.44							
1	0.00	7.00	7.00	7.00	0.00	0.00	0.00	7.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	7.00
2	0.00	15.53	15.53	15.53	0.01	0.01	0.00	15.53	15.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.52	15.52
3	0.00	5.20	5.20	5.20	0.01	0.01	0.00	5.18	5.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.18	5.18
4	0.00	11.03	11.03	11.03	0.03	0.03	0.00	11.00	11.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.99	10.99
5	0.00	16.03	16.03	16.03	0.02	0.02	0.00	16.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.99	15.99
6	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	25.80	25.80	25.80	0.01	0.01	0.00	25.79	25.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.78	25.78
8	10.66	0.00	10.66	10.66	0.69	0.69	9.97	0.00	9.97	0.00	0.00	0.00	0.00	0.00	9.86	0.00	9.86							
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	7.29	7.29	7.29	0.00	0.00	0.00	7.29	7.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.29	7.29
11	0.00	4.97	4.97	4.97	0.04	0.04	0.00	4.93	4.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.92	4.92
12	16.94	92.84	109.79	109.79	2.07	2.19	14.87	92.72	107.60	0.57	0.57	0.57	0.05	0.62	14.30	92.68	106.98							

TABLE 23 RURAL WATER SUPPLY PLANNING BALANCE (13/15)

LGA	Demand				Actual Supply Capa.				Deficit				Improve Capa. by Rehab.				New Proposed Capa.							
	SW		GW		Total		SW		GW		Total		SW		GW		Total		SW		GW		Total	
	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D	
Anambra																								
1301	0.00	12.24	12.24	0.08	0.08	0.00	0.00	12.17	12.17	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.14	12.14	12.14	
2	0.00	12.71	12.71	0.05	0.05	0.00	0.00	12.66	12.66	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.54	12.64	12.64	
3	0.00	8.43	8.43	0.08	0.08	0.00	0.00	8.35	8.35	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.33	8.33	8.33	
4	0.00	3.45	3.45	0.15	0.15	0.00	0.00	3.29	3.29	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.25	3.25	3.25	
5	0.00	16.99	16.99	0.11	0.11	0.00	0.00	16.88	16.88	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.85	16.85	16.85	
6	0.00	8.47	8.47	0.14	0.14	0.00	0.00	8.33	8.33	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.31	8.31	8.31	
7	0.00	7.57	7.57	0.09	0.09	0.00	0.00	7.48	7.48	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.45	7.45	7.45	
8	0.00	8.51	8.51	0.14	0.14	0.00	0.00	8.37	8.37	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.33	8.33	8.33	
9	0.00	10.05	10.05	0.29	0.29	0.00	0.00	9.76	9.76	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.67	9.67	9.67	
10	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	0.00	5.42	5.42	0.06	0.06	0.00	0.00	5.36	5.36	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.34	5.34	5.34	
13	0.00	16.18	16.18	0.01	0.01	0.00	0.00	16.17	16.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.17	16.17	16.17	
14	0.00	5.34	5.34	0.09	0.09	0.00	0.00	5.25	5.25	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.23	5.23	5.23	
15	0.00	7.23	7.23	0.06	0.06	0.00	0.00	7.17	7.17	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.15	7.15	7.15	
16	0.00	8.98	8.98	0.08	0.08	0.00	0.00	8.90	8.90	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.87	8.87	8.87	
	0.00	131.58	131.58	1.42	1.42	0.00	0.00	130.15	130.15	0.00	0.42	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	129.74	129.74	129.74	
Enugu																								
1401	0.00	9.57	9.57	0.16	0.16	0.00	0.00	9.42	9.42	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.37	9.37	9.37	
2	0.00	12.60	12.60	0.05	0.05	0.00	0.00	12.55	12.55	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.53	12.53	12.53	
3	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	0.00	7.63	7.63	0.10	0.10	0.00	0.00	7.53	7.53	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.50	7.50	7.50	
6	0.00	10.68	10.68	0.06	0.06	0.00	0.00	10.62	10.62	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.60	10.60	10.60	
7	0.00	7.46	7.46	0.05	0.05	0.00	0.00	7.41	7.41	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.40	7.40	7.40	
8	0.00	12.77	12.77	0.08	0.08	0.00	0.00	12.69	12.69	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.67	12.67	12.67	
9	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	0.00	9.38	9.38	0.04	0.04	0.00	0.00	9.34	9.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.34	9.34	9.34	
11	0.00	9.39	9.39	0.14	0.14	0.00	0.00	9.25	9.25	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.22	9.22	9.22	
12	0.00	14.83	14.83	0.05	0.05	0.00	0.00	14.78	14.78	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.77	14.77	14.77	
13	0.00	11.72	11.72	0.05	0.05	0.00	0.00	11.67	11.67	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.66	11.66	11.66	
14	0.00	14.69	14.69	0.06	0.06	0.00	0.00	14.62	14.62	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.61	14.61	14.61	
15	0.00	9.23	9.23	0.09	0.09	0.00	0.00	9.15	9.15	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.14	9.14	9.14	
16	0.00	10.22	10.22	0.06	0.06	0.00	0.00	10.16	10.16	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.15	10.15	10.15	
17	0.00	5.79	5.79	0.03	0.03	0.00	0.00	5.76	5.76	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.75	5.75	5.75	
18	0.00	10.38	10.38	0.07	0.07	0.00	0.00	10.31	10.31	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.29	10.29	10.29	
19	0.00	9.26	9.26	0.04	0.04	0.00	0.00	9.22	9.22	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.22	9.22	9.22	
	0.00	165.58	165.58	1.11	1.11	0.00	0.00	164.47	164.47	0.00	0.26	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	164.21	164.21	164.21	

TABLE 23 RURAL WATER SUPPLY PLANNING BALANCE (14/15)

LGA	Demand			Actual Supply Capa.			Deficit			Improve Capa. by Rehab.			New Proposed Capa.		
	SW	GW	Total	SW	GW	Total	SW	GW	Total	SW	GW	Total	SW	GW	Total
	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D	M/D
Cross River															
1001	0.00	14.61	14.61	0.21	0.21	0.21	0.00	14.41	14.41	0.00	0.07	0.07	0.00	14.54	14.54
2	0.00	4.53	4.53	0.19	0.19	0.19	0.00	4.35	4.35	0.00	0.06	0.06	0.00	4.29	4.29
3	0.00	22.37	22.37	0.24	0.24	0.24	0.00	22.13	22.13	0.00	0.09	0.09	0.00	22.04	22.04
4	0.00	11.69	11.69	0.04	0.04	0.04	0.00	11.65	11.65	0.00	0.01	0.01	0.00	11.64	11.64
5	0.00	5.08	5.08	0.28	0.28	0.28	0.00	4.80	4.80	0.00	0.11	0.11	0.00	4.70	4.70
6	0.00	9.40	9.40	0.20	0.20	0.20	0.00	9.20	9.20	0.00	0.07	0.07	0.00	9.13	9.13
7	0.00	9.55	9.55	0.64	0.64	0.64	0.00	8.91	8.91	0.00	0.25	0.25	0.00	8.66	8.66
8	0.00	5.97	5.97	0.06	0.06	0.06	0.00	5.91	5.91	0.00	0.02	0.02	0.00	5.89	5.89
9	0.00	7.88	7.88	0.01	0.01	0.01	0.00	7.87	7.87	0.00	0.00	0.00	0.00	7.87	7.87
10	0.00	17.54	17.54	0.05	0.05	0.05	0.00	17.49	17.49	0.00	0.01	0.01	0.00	17.47	17.47
11	0.00	13.13	13.13	0.04	0.04	0.04	0.00	13.09	13.09	0.00	0.01	0.01	0.00	13.08	13.08
12	0.00	6.35	6.35	0.09	0.09	0.09	0.00	6.26	6.26	0.00	0.02	0.02	0.00	6.24	6.24
13	0.00	8.13	8.13	0.00	0.00	0.00	0.00	8.13	8.13	0.00	0.00	0.00	0.00	8.13	8.13
14	0.00	4.12	4.12	0.09	0.09	0.09	0.00	4.04	4.04	0.00	0.02	0.02	0.00	4.02	4.02
	0.00	140.37	140.37	2.14	2.14	2.14	0.00	138.23	138.23	0.00	0.74	0.74	0.00	137.50	137.50
Imo															
1101	0.00	4.87	4.87	0.08	0.08	0.08	0.00	4.79	4.79	0.00	0.00	0.00	0.00	4.79	4.79
2	0.00	4.11	4.11	0.07	0.07	0.07	0.00	4.03	4.03	0.00	0.00	0.00	0.00	4.03	4.03
3	0.00	4.02	4.02	0.15	0.15	0.15	0.00	3.88	3.88	0.00	0.05	0.05	0.00	3.83	3.83
4	0.00	3.90	3.90	0.03	0.03	0.03	0.00	3.87	3.87	0.00	0.00	0.00	0.00	3.87	3.87
5	0.00	7.29	7.29	0.04	0.04	0.04	0.00	7.24	7.24	0.00	0.00	0.00	0.00	7.24	7.24
6	0.00	4.01	4.01	0.04	0.04	0.04	0.00	3.97	3.97	0.00	0.00	0.00	0.00	3.96	3.96
7	0.00	6.04	6.04	0.08	0.08	0.08	0.00	5.97	5.97	0.00	0.01	0.01	0.00	5.96	5.96
8	0.00	5.93	5.93	0.05	0.05	0.05	0.00	5.88	5.88	0.00	0.00	0.00	0.00	5.87	5.87
9	0.00	4.01	4.01	0.04	0.04	0.04	0.00	3.97	3.97	0.00	0.00	0.00	0.00	3.97	3.97
10	0.00	6.27	6.27	0.05	0.05	0.05	0.00	6.22	6.22	0.00	0.01	0.01	0.00	6.21	6.21
11	0.00	9.60	9.60	0.29	0.29	0.29	0.00	9.31	9.31	0.00	0.10	0.10	0.00	9.21	9.21
12	0.00	3.56	3.56	0.07	0.07	0.07	0.00	3.49	3.49	0.00	0.02	0.02	0.00	3.48	3.48
13	0.00	2.71	2.71	0.04	0.04	0.04	0.00	2.67	2.67	0.00	0.00	0.00	0.00	2.66	2.66
14	0.00	8.40	8.40	1.20	1.20	1.20	0.00	7.20	7.20	0.00	0.47	0.47	0.00	6.73	6.73
15	0.00	5.42	5.42	0.03	0.03	0.03	0.00	5.39	5.39	0.00	0.00	0.00	0.00	5.39	5.39
16	0.00	4.96	4.96	0.05	0.05	0.05	0.00	4.90	4.90	0.00	0.00	0.00	0.00	4.90	4.90
17	0.00	8.42	8.42	0.12	0.12	0.12	0.00	8.30	8.30	0.00	0.01	0.01	0.00	8.29	8.29
18	0.00	4.02	4.02	0.57	0.57	0.57	0.00	3.45	3.45	0.00	0.20	0.20	0.00	3.25	3.25
19	0.00	6.14	6.14	0.09	0.09	0.09	0.00	6.05	6.05	0.00	0.01	0.01	0.00	6.04	6.04
20	0.00	2.57	2.57	0.02	0.02	0.02	0.00	2.55	2.55	0.00	0.00	0.00	0.00	2.55	2.55
21	0.00	3.60	3.60	0.04	0.04	0.04	0.00	3.56	3.56	0.00	0.00	0.00	0.00	3.56	3.56
	0.00	109.86	109.86	3.17	3.17	3.17	0.00	106.69	106.69	0.00	0.90	0.90	0.00	105.79	105.79
Abia															
1201	0.00	20.93	20.93	0.48	0.48	0.48	0.00	20.45	20.45	0.00	0.29	0.29	0.00	20.16	20.16
2	0.00	0.00	0.00	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	5.87	5.87	0.26	0.26	0.26	0.00	5.77	5.77	0.00	0.04	0.04	0.00	5.74	5.74
4	6.58	1.21	7.79	0.05	0.31	7.79	6.32	1.17	7.49	0.14	0.00	0.14	6.18	1.17	7.35
5	0.00	10.84	10.84	0.03	0.03	0.03	0.00	10.81	10.81	0.00	0.00	0.00	0.00	10.81	10.81
6	0.00	4.24	4.24	0.01	0.01	0.01	0.00	4.22	4.22	0.00	0.00	0.00	0.00	4.22	4.22
7	0.00	6.64	6.64	0.07	0.07	0.07	0.00	6.57	6.57	0.00	0.02	0.02	0.00	6.55	6.55
8	0.00	10.45	10.45	0.02	0.02	0.02	0.00	10.43	10.43	0.00	0.00	0.00	0.00	10.43	10.43
9	0.00	18.36	18.36	0.03	0.03	0.03	0.00	18.33	18.33	0.00	0.00	0.00	0.00	18.32	18.32
10	0.00	9.88	9.88	0.27	0.27	0.27	0.00	9.62	9.62	0.00	0.14	0.14	0.00	9.47	9.47
11	0.00	9.46	9.46	0.71	0.71	0.71	0.00	8.75	8.75	0.00	0.28	0.28	0.00	8.46	8.46
12	0.00	7.91	7.91	0.60	0.60	0.60	0.00	7.30	7.30	0.00	0.24	0.24	0.00	7.06	7.06
13	0.00	4.15	4.15	0.39	0.39	0.39	0.00	3.76	3.76	0.00	0.15	0.15	0.00	3.62	3.62
14	0.00	6.04	6.04	0.20	0.20	0.20	0.00	5.84	5.84	0.00	0.07	0.07	0.00	5.77	5.77
15	0.00	6.02	6.02	0.24	0.24	0.24	0.00	5.78	5.78	0.00	0.10	0.10	0.00	5.68	5.68
16	0.00	2.71	2.71	0.48	0.48	0.48	0.00	2.23	2.23	0.00	0.17	0.17	0.00	2.06	2.06
17	0.00	7.13	7.13	0.13	0.13	0.13	0.00	7.00	7.00	0.00	0.02	0.02	0.00	6.98	6.98
	6.58	131.85	138.43	0.26	3.82	4.08	6.32	128.02	134.34	0.14	1.51	1.65	6.18	126.51	132.69

TABLE 23 RURAL WATER SUPPLY PLANNING BALANCE (15/15)

LGA	Demand			Actual Supply Capa.			Deficit			Improve Capa. by Rehab.			New Proposed Capa.		
	SW	GW	Total	SW	GW	Total	SW	GW	Total	SW	GW	Total	SW	GW	Total
	M.D	M.D	M.D	M.D	M.D	M.D	M.D	M.D	M.D	M.D	M.D	M.D	M.D	M.D	M.D
River	0.00	7.54	7.54	0.16	0.16	0.16	0.00	7.38	7.38	0.00	0.05	0.05	0.00	7.33	7.33
1	0.00	6.06	6.06	0.13	0.13	0.13	0.00	5.93	5.93	0.00	0.08	0.08	0.00	5.85	5.85
2	0.00	2.63	2.63	0.12	0.12	0.12	0.00	2.50	2.50	0.00	0.04	0.04	0.00	2.45	2.45
3	0.00	21.63	21.63	0.65	0.65	0.65	0.00	20.98	20.98	0.00	0.40	0.40	0.00	20.59	20.59
4	0.00	0.00	0.00	0.05	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	9.49	9.49	0.05	0.05	0.05	0.00	9.44	9.44	0.00	0.01	0.01	0.00	9.42	9.42
6	0.00	8.94	8.94	0.48	0.48	0.48	0.00	8.46	8.46	0.00	0.31	0.31	0.00	8.14	8.14
7	0.00	5.04	5.04	0.06	0.06	0.06	0.00	4.98	4.98	0.00	0.01	0.01	0.00	4.97	4.97
8	0.00	8.12	8.12	0.09	0.09	0.09	0.00	8.03	8.03	0.00	0.02	0.02	0.00	8.01	8.01
9	0.00	10.76	10.76	0.52	0.52	0.52	0.00	10.24	10.24	0.00	0.32	0.32	0.00	9.92	9.92
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	10.12	10.12	0.05	0.05	0.05	0.00	10.07	10.07	0.00	0.00	0.00	0.00	10.07	10.07
12	0.00	10.51	10.51	0.10	0.10	0.10	0.00	10.41	10.41	0.00	0.01	0.01	0.00	10.40	10.40
13	0.00	0.00	0.00	0.09	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	8.05	8.05	0.00	0.00	0.00	0.00	7.96	7.96	0.00	0.01	0.01	0.00	7.95	7.95
15	0.00	11.44	11.44	0.10	0.10	0.10	0.00	11.44	11.44	0.00	0.00	0.00	0.00	11.44	11.44
16	0.00	12.36	12.36	0.03	0.03	0.03	0.00	12.26	12.26	0.00	0.02	0.02	0.00	12.23	12.23
17	0.00	9.25	9.25	0.18	0.18	0.18	0.00	9.22	9.22	0.00	0.01	0.01	0.00	9.21	9.21
18	0.00	27.90	27.90	0.02	0.02	0.02	0.00	27.72	27.72	0.00	0.09	0.09	0.00	27.63	27.63
19	0.00	10.17	10.17	0.00	0.00	0.00	0.00	10.15	10.15	0.00	0.00	0.00	0.00	10.15	10.15
20	0.00	14.01	14.01	0.00	0.00	0.00	0.00	14.00	14.00	0.00	0.00	0.00	0.00	14.00	14.00
21	0.00	6.48	6.48	0.02	0.02	0.02	0.00	6.46	6.46	0.00	0.00	0.00	0.00	6.45	6.45
22	0.00	8.60	8.60	0.00	0.00	0.00	0.00	8.60	8.60	0.00	0.02	0.02	0.00	8.58	8.58
23	0.00	6.02	6.02	0.00	0.00	0.00	0.00	6.01	6.01	0.00	0.00	0.00	0.00	6.01	6.01
24	0.00	215.10	215.10	2.87	2.87	2.87	0.00	212.23	212.23	0.00	1.42	1.42	0.00	210.81	210.81
Akwa Ibom	0.00	5.87	5.87	0.09	0.09	0.09	0.00	5.78	5.78	0.00	0.03	0.03	0.00	5.75	5.75
1	0.00	5.51	5.51	0.10	0.10	0.10	0.00	5.45	5.45	0.00	0.03	0.03	0.00	5.41	5.41
2	0.00	4.45	4.45	0.06	0.06	0.06	0.00	4.34	4.34	0.00	0.02	0.02	0.00	4.32	4.32
3	0.00	9.25	9.25	0.11	0.11	0.11	0.00	9.19	9.19	0.00	0.03	0.03	0.00	9.16	9.16
4	0.00	5.93	5.93	0.06	0.06	0.06	0.00	5.85	5.85	0.00	0.02	0.02	0.00	5.83	5.83
5	0.00	7.71	7.71	0.08	0.08	0.08	0.00	7.65	7.65	0.00	0.02	0.02	0.00	7.63	7.63
6	0.00	5.93	5.93	0.05	0.05	0.05	0.00	5.76	5.76	0.00	0.01	0.01	0.00	5.75	5.75
7	0.00	4.41	4.41	0.17	0.17	0.17	0.00	4.08	4.08	0.00	0.06	0.06	0.00	4.01	4.01
8	0.00	12.92	12.92	0.33	0.33	0.33	0.00	12.87	12.87	0.00	0.18	0.18	0.00	12.69	12.69
9	0.00	4.91	4.91	0.05	0.05	0.05	0.00	4.84	4.84	0.00	0.01	0.01	0.00	4.83	4.83
10	0.00	8.47	8.47	0.07	0.07	0.07	0.00	8.41	8.41	0.00	0.02	0.02	0.00	8.39	8.39
11	0.00	6.44	6.44	0.07	0.07	0.07	0.00	6.38	6.38	0.00	0.02	0.02	0.00	6.36	6.36
12	0.00	5.42	5.42	0.06	0.06	0.06	0.00	5.31	5.31	0.00	0.01	0.01	0.00	5.30	5.30
13	0.00	7.51	7.51	0.11	0.11	0.11	0.00	7.41	7.41	0.00	0.04	0.04	0.00	7.36	7.36
14	0.00	2.26	2.26	0.11	0.11	0.11	0.00	2.15	2.15	0.00	0.04	0.04	0.00	2.11	2.11
15	0.00	10.76	10.76	0.11	0.11	0.11	0.00	10.67	10.67	0.00	0.03	0.03	0.00	10.64	10.64
16	0.00	7.12	7.12	0.09	0.09	0.09	0.00	7.05	7.05	0.00	0.02	0.02	0.00	7.03	7.03
17	0.00	6.52	6.52	0.06	0.06	0.06	0.00	6.43	6.43	0.00	0.02	0.02	0.00	6.41	6.41
18	0.00	6.78	6.78	0.09	0.09	0.09	0.00	6.52	6.52	0.00	0.03	0.03	0.00	6.50	6.50
19	0.00	6.64	6.64	0.25	0.25	0.25	0.00	6.53	6.53	0.00	0.09	0.09	0.00	6.44	6.44
20	0.00	8.47	8.47	0.10	0.10	0.10	0.00	8.41	8.41	0.00	0.03	0.03	0.00	8.38	8.38
21	0.00	5.42	5.42	0.06	0.06	0.06	0.00	5.33	5.33	0.00	0.02	0.02	0.00	5.31	5.31
22	0.00	6.10	6.10	0.09	0.09	0.09	0.00	6.06	6.06	0.00	0.03	0.03	0.00	6.03	6.03
23	0.00	2.54	2.54	0.04	0.04	0.04	0.00	2.54	2.54	0.00	0.01	0.01	0.00	2.53	2.53
24	0.00	157.35	157.35	2.42	2.42	2.42	0.00	155.01	155.01	0.00	0.84	0.84	0.00	154.17	154.17

TABLE 24 WATER RESOURCES MANPOWER IN 1993 (1/2)

Data Source : Manpower Survey in the Water Resources Sector by Skoup & Co. Ltd. in December 1993

CVE = Civil Engr E/E = Electrical Engr Ocean = Oceanographer Surv = Surveyor DR/E = Drilling Engr Technol = Technologists Acct/ = Accountant/ Tech Asst = Technical Assistant H/E = Hydro Engineer
 ME/E = Mechanical Engr CH/E = Chemical Engr MA/E = Marine Engr Lim = Limnologist Hydro/Geol = Hydrologist Geologists Tech Staff = Technical staff Aud. = Auditors Lab = Laboratory Eco/ = Ecologist
 WSE = Water Supply Engr AG/E = Agric. Engr IR/E = Irrigation Engr W/Analyst = Water Analyst Admin = Administrator Soil Techn = Soil Technician W/shop = Workshop
 Soil Sc = Soil Scientist

STATES	OCCUPATIONAL CATEGORY											LEVEL 08 +							LEVEL 06-07							Total										
	CVE	WS/E	ME/E	E/E	CH/E	AG/E	MA/E	IR/E	Lim	Ocean	Surv	Chem. W/Analyst	DR/E	Hydro/Geol	H/E	Eco/ Soil Sc	Technol	Other Staff	Sub-Total	Admin	Acct/ Aud.	Other Adm Staff	Sub-Total	Tech Ass/ Tech Off.	Draughts- men		Soil Tech	Surv Assts	Hydro Assts	Lab/W/sh Assts	Others	Sub-Total				
ABIA																																				
MANR	-	-	3	1	-	4	-	2	-	-	-	-	-	-	1	13	11	35	1	-	3	4	-	3	-	1	1	-	26	31	70					
NEPA	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	2	4	-	-	-	-	-	-	0	5						
Wat. Board	6	1	1	2	-	-	-	-	-	-	-	2	-	4	-	15	35	66	-	5	2	7	54	-	-	1	-	1	-	56	129					
DFRRI	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	3	1	-	4	5	-	-	-	-	-	-	5	12						
TOTAL	6	3	4	4	0	4	0	2	0	0	0	2	0	4	0	1	29	46	105	4	8	7	19	59	3	0	2	1	1	26	92	216				
ADAMAWA																																				
MANR	14	-	4	-	-	6	-	10	-	-	-	-	-	4	4	4	-	-	46	-	-	-	0	20	12	6	10	20	20	-	88	134				
Wat. Board	-	2	1	2	-	-	-	-	-	-	-	2	-	7	-	-	105	97	216	42	162	109	313	593	6	-	-	-	84	326	1,009	1,538				
ADP	-	2	4	-	-	-	-	1	-	-	-	-	-	1	-	10	3	21	-	-	-	0	-	-	-	-	-	-	-	0	21					
TOTAL	14	4	9	2	0	6	0	11	0	0	0	2	0	12	4	4	115	100	283	42	162	109	313	613	18	6	10	20	104	326	1,097	1,693				
AKWA IBOM																																				
ADP	1	-	1	-	-	1	-	-	-	-	-	-	-	-	-	2	-	5	-	-	-	0	6	1	-	4	-	3	4	18	23					
TOTAL	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2	0	5	0	0	0	0	6	1	0	4	0	3	4	18	23					
ANAMBRA																																				
Wat. Corp	5	-	3	2	-	-	-	-	-	-	1	6	-	3	-	60	-	80	1	5	3	9	45	1	-	-	-	-	-	46	135					
NAUTECH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	70	-	-	-	0	-	-	-	-	-	-	-	0	70					
DFRRI	5	1	-	1	-	-	-	-	-	-	3	-	-	-	12	5	3	30	3	3	7	13	-	-	-	-	-	-	0	43						
UNICEF	-	-	1	-	-	-	-	-	-	-	-	2	-	2	-	2	-	7	1	1	7	9	-	-	-	-	-	-	0	16						
TOTAL	10	1	4	3	0	0	0	0	0	0	4	8	0	5	0	12	67	73	187	5	9	17	31	45	1	0	0	0	0	0	46	264				
BAUCHI																																				
Wat. Board	2	3	2	1	-	-	-	-	-	-	1	7	-	7	-	6	1,062	1,091	7	6	264	277	52	3	-	-	-	-	114	169	1,537					
ADP	1	-	1	-	-	1	-	-	-	-	-	-	-	-	4	-	7	15	7	-	22	-	-	8	8	2	-	15	-	33	62					
DFRRI	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4	-	5	10	4	-	14	-	-	-	-	-	-	0	19						
ABTBU	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	10	-	-	-	0	-	-	-	-	-	-	0	10						
Fed Poly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	0	-	-	-	-	-	-	0	0						
MARD	3	7	3	-	-	12	-	13	-	-	-	-	-	-	5	-	43	-	-	-	0	8	1	-	-	-	-	1	6	16	59					
TOTAL	12	10	6	1	0	13	0	13	0	0	1	7	0	7	1	4	19	1,062	1,156	32	17	264	313	60	12	8	2	0	16	120	218	1,687				

BENUE																																
MARD (Irr.)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	11	-	12	-	-	-	0	15	-	-	-	15	27			
Wat. Board	1	1	3	3	-	-	-	-	-	-	1	-	1	-	3	38	64	115	2	2	-	4	35	2	-	6	9	4	332	388	507	
TOTAL	1	1	3	3	0	0	0	0	0	0	1	0	2	0	3	49	84	127	2	2	0	4	50	2	0	6	9	4	332	403	534	
BORNO																																
MARD (Irr.)	2	-	-	-	-	1	-	-	-	-	-	-	-	1	23	4	31	-	-	-	0	17	1	-	-	-	-	17	35	66		
DFRRI	2	1	-	-	-	1	-	-	-	-	-	-	1	-	2	-	7	3	1	11	15	2	-	-	-	-	-	-	2	24		
TOTAL	4	1	0	0	0	2	0	0	0	0	0	0	1	0	1	25	4	38	3	1	11	15	19	1	0	0	0	0	17	37	90	
CROSS RIVER																																
MWR	1	1	-	-	-	-	-	2	-	-	1	-	2	-	2	6	15	3	3	1	7	2	-	-	-	-	-	5	7	29		
Wat. Board	2	4	1	1	2	-	-	-	-	-	1	-	-	-	7	12	30	4	2	4	10	5	1	-	1	4	25	-	36	76		
Rural W.S.	2	1	-	-	-	-	-	-	-	2	1	4	6	-	3	20	39	1	3	33	37	3	-	-	3	-	1	13	20	96		
DFRRI	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	3	-	-	-	0	3	-	-	-	-	-	-	3	6		
UNICEF	2	1	1	-	-	-	-	-	-	-	3	1	3	-	-	2	13	3	1	-	4	10	-	-	-	-	-	10	20	37		
NEPA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	7	11	2	1	6	9	1	2	-	-	-	-	-	3	23		
TOTAL	7	7	3	1	2	0	0	2	0	0	2	5	13	0	0	16	47	111	13	10	44	67	24	3	0	4	4	26	28	89	267	
EDO																																
ADP	1	-	1	-	-	1	-	-	-	-	-	-	-	-	1	-	4	-	-	-	0	1	-	-	-	-	-	-	1	5		
Puba Util	13	-	3	3	-	-	-	-	-	-	2	-	2	-	-	198	221	6	2	24	32	13	-	-	1	-	6	859	879	1,132		
DFRRI	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	3	2	1	2	5	4	-	-	-	-	-	-	-	4	12		
NEPA	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	10	8	6	6	20	18	5	-	-	-	-	-	-	23	53		
TOTAL	15	1	4	14	0	1	0	0	0	0	2	0	2	0	0	1	198	238	16	9	32	57	36	5	0	1	0	6	859	907	1,202	
ENUGU																																
MANR	-	-	-	-	-	4	-	2	-	-	1	-	-	-	-	8	2	-	8	10	7	4	-	1	33	137	-	182	200			
Wat. Corp	10	-	2	2	2	-	-	-	-	2	-	-	3	-	2	25	48	2	2	273	277	131	6	-	2	-	73	212	537			
ADP	2	-	1	-	-	1	-	-	-	2	-	1	-	-	3	11	10	12	-	22	5	1	-	1	-	-	-	-	7	40		
DFRRI	3	-	1	1	-	-	-	-	-	-	-	-	3	-	-	11	19	2	1	8	11	12	-	-	-	-	-	-	12	42		
NEPA	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	196	134	333	4	3	223	230	208	2	-	-	-	-	210	773		
SKOUP	1	1	-	-	-	1	-	1	-	1	-	-	1	3	-	9	3	3	2	8	3	1	-	-	-	-	-	4	21			
ESOST	8	1	-	-	-	-	-	-	-	-	-	-	1	-	1	3	1	15	-	-	-	0	3	-	3	-	-	6	21			
TOTAL	24	2	4	6	2	6	0	3	0	0	6	0	1	8	1	5	201	174	443	23	21	514	558	369	14	3	4	33	137	73	633	1,634
IMO																																
MANR	-	-	-	-	-	2	-	3	-	-	-	-	-	1	32	-	38	-	-	-	0	3	-	-	-	2	15	5	25	63		
Wat. Corp	5	5	5	3	-	-	-	-	-	4	-	2	-	-	21	-	45	7	15	-	22	15	52	68	5	-	10	104	254	321		
UNICEF	-	-	2	-	-	-	-	-	-	3	1	2	-	-	3	4	15	3	4	24	31	-	-	-	-	-	3	75	78	124		
ISADAP	1	1	1	1	-	1	-	1	-	-	-	-	-	-	10	16	30	11	181	222	-	-	-	-	-	-	-	-	0	238		
NEPA	-	-	-	4	-	-	-	-	-	-	-	-	-	-	128	-	132	4	3	-	7	32	4	-	-	-	-	-	36	175		
FUTO	15	5	15	14	14	15	2	2	-	4	10	5	6	4	4	10	169	294	178	50	-	228	-	-	-	-	-	-	0	522		
IMOSU	-	-	-	-	-	-	-	-	-	-	2	-	-	-	3	-	3	8	11	4	22	37	-	-	-	-	-	-	0	45		
MOG Agtic	1	-	-	-	-	1	-	-	-	-	-	-	-	-	59	-	61	20	2	11	33	2	-	-	-	-	-	2	96			
Polytech	3	3	8	4	-	4	-	-	-	4	-	-	-	-	16	-	42	20	2	12	34	-	1	-	-	-	3	89	93	169		
AICE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	0	-	-	-	-	-	-	-	0	0		
DFRRI	-	2	2	2	-	2	-	-	-	-	-	1	-	-	-	-	9	-	-	-	0	-	-	-	-	-	-	-	0	9		
TOTAL	25	16	33	28	14	25	2	6	0	0	8	19	7	10	4	8	269	186	660	273	91	250	614	52	57	68	5	2	31	273	488	1,762

KADUNA

Wat. Board	10	-	3	3	9	-	-	-	-	-	-	-	5	-	-	119	-	149	6	22	4	32	60	4	5	-	-	-	-	69	250	
Bur of W.Res.	8	1	1	1	-	1	-	2	-	-	-	-	-	-	-	-	-	14	7	3	1	11	123	2	-	-	-	-	199	324	349	
ADP	5	-	6	1	-	1	-	5	-	-	5	-	2	-	4	30	-	59	24	22	25	71	20	5	10	15	-	-	-	50	180	
TOTAL	23	1	10	5	9	2	0	7	0	0	5	0	0	7	0	4	149	0	222	37	47	30	114	203	11	15	15	0	0	199	443	779

KANO

Min of R/C Dev	2	4	3	-	-	3	-	3	-	-	7	-	-	1	-	8	7	24	62	89	4	183	276	26	6	-	3	44	122	210	411	749
Wat. Board	3	1	2	7	-	-	-	-	-	-	1	2	-	2	-	-	29	26	73	25	13	1	39	75	1	-	1	-	93	60	230	342
WRECA	4	1	4	-	-	-	-	-	-	-	2	1	2	-	-	-	20	200	234	20	25	1	46	-	-	-	-	-	142	142	422	
TOTAL	9	6	9	7	0	3	0	3	0	0	10	3	2	3	0	8	56	250	369	134	42	185	361	101	7	0	4	44	215	412	783	1,513

KATSINA

Wat. Board	7	4	12	8	2	-	-	-	-	-	1	8	-	-	-	-	21	-	63	8	10	-	18	18	-	-	2	-	-	-	20	101
Dir W.Res.	3	7	-	-	1	-	-	14	-	-	3	2	3	-	2	-	40	15	90	10	6	5	21	17	4	-	7	15	-	195	238	349
Rural Dev Ag.	-	-	-	-	-	1	-	1	-	-	-	-	-	1	-	-	-	10	13	-	-	-	0	-	-	-	-	-	-	-	0	13
DFRRI	2	2	-	1	-	2	-	-	-	-	-	-	1	1	-	-	10	15	34	3	3	20	26	10	-	-	-	-	5	20	35	95
TOTAL	12	13	12	9	3	3	0	15	0	0	4	10	4	2	2	0	71	40	200	21	19	25	65	45	4	0	9	15	5	215	293	558

KEBBI

MANR	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	3	-	-	-	0	-	1	-	-	-	-	-	1	4
Wat. Board	-	3	-	1	-	-	-	-	-	-	-	3	-	-	-	-	15	22	44	5	3	44	52	53	-	-	-	2	3	-	58	154
ADP	-	1	-	-	-	1	-	2	-	-	-	1	-	-	-	1	-	-	6	1	-	-	1	21	-	-	-	-	-	-	21	28
DFRRI	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	3	10	15	1	-	-	-	-	-	-	1	1-7
Polytech	7	-	-	-	-	15	-	2	-	-	-	-	-	-	-	-	-	-	24	-	-	-	0	6	-	1	-	-	3	-	10	34
TOTAL	8	4	0	1	0	16	0	7	0	0	0	4	0	0	0	1	15	22	78	8	6	54	68	81	1	1	0	2	6	0	91	237

KOGI

Inland WWays	1	-	-	-	-	-	-	-	-	-	4	-	-	-	2	-	-	-	7	1	1	2	4	-	4	-	8	11	10	104	137	148
ADP	1	1	-	-	-	2	-	2	-	-	2	-	-	-	-	-	38	46	13	9	4	26	-	-	-	-	-	-	-	0	72	
TOTAL	2	1	0	0	0	2	0	2	0	0	6	0	0	0	2	0	0	38	53	14	10	6	30	0	4	0	8	11	10	104	137	220

KWARA

Pub.Util.	-	-	8	4	3	-	-	-	-	-	-	4	5	3	-	-	43	21	91	4	14	2	20	27	-	-	-	-	-	53	80	191
Jebba Pa Mil	1	-	43	23	72	26	-	-	-	-	-	18	-	-	-	-	-	183	35	36	21	92	46	2	-	-	-	13	37	98	373	
TOTAL	1	0	51	27	75	26	0	0	0	0	0	22	5	3	0	0	43	21	274	39	50	23	112	73	2	0	0	0	13	90	178	564

TABLE 24 WATER RESOURCES MANPOWER IN 1993 (2/2)

C/E = Civil Engr E/E = Electrical Engr Ocean = Oceanographer Surv = Surveyor D/E = Drilling Engr Technol = Technologists Acc/ = Accountant/ Tech Asst = Technical Assistant H/E = Hydro Engineer
 M/E = Mechanical Engr C/E = Chemical Engr M/A/E = Marine Engr Lim = Limnologist Hydro/Geol = Hydrologist Geologists Tech Staff = Technical staff Aud = Auditors Lab = Laboratory Eco/ = Ecologist
 W/S/E = Water Supply Engr A/G/E = Agric. Engr I/E = Irrigation Engr W/Analyst = Water Analyst Admin = Administrator Soil Techn = Soil Technician W/Shop = Workshop
 Soil Sc = Soil Scientist

STATES	OCCUPATIONAL CATEGORY											LEVEL 08 +						LEVEL 06-07						Total									
	C/E	WS/E	ME/E	EL/E	CH/E	AG/E	MA/E	IRE	imno	Oceano	Surv	Chem. W/Analyst	D/E	Hydro/ Geol	HY/E	Eco/ Soil Sc	Technol	Other Staff	Sub- Total	Admin	Acc/ Aud.	Other Adm Staff	Sub- Total		Tech Asst/ Tech Off.	Draughts- men	Soil Tech	Surv Assts	Hydro Assts	Lab/W/Shop Assts	Others	Sub- Total	
LAGOS																																	
MANR	1	-	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-	1	6	-	-	-	0	5	1	-	-	-	-	-	2	8	14
Wat. Corp	39	-	25	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75	-	-	-	0	-	-	-	-	-	-	-	100	100	175
ADP	2	2	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	7	-	-	0	-	-	-	-	-	-	-	-	0	7	
DFRRI	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	0	-	-	-	-	-	-	-	-	0	2	
ENV & Phy Pl	1	1	1	-	1	-	-	-	-	-	-	11	-	-	-	-	17	-	32	-	-	0	4	-	-	-	-	-	-	-	4	36	
Drainage	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	24	57	14	29	20	63	50	-	-	20	-	-	-	-	70	190	
NEPA	11	-	10	19	-	-	-	-	-	-	-	-	-	-	-	165	-	205	-	-	-	0	40	-	-	-	-	-	-	-	40	245	
Inland W/Ways	10	4	-	-	-	-	5	-	-	7	-	-	1	9	-	11	32	79	5	9	20	34	80	2	-	9	4	41	50	186	299		
MET	-	8	2	-	-	-	-	-	-	-	-	-	-	5	-	-	-	15	-	-	-	0	20	1	-	-	-	-	-	2	23	38	
FCEMT	-	-	2	-	-	1	1	-	-	-	-	-	-	-	-	4	10	18	6	3	-	9	8	1	-	-	-	-	-	9	36		
NIOMR	-	-	-	1	-	-	4	-	-	8	-	-	7	-	-	31	43	94	18	3	5	26	14	-	-	-	-	-	43	57	177		
TOTAL	75	17	42	31	1	5	10	1	0	8	7	11	0	8	14	0	250	110	590	43	44	45	132	221	5	0	29	4	41	197	497	1,219	
NIGER																																	
MANR	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	30	-	34	-	-	-	0	40	-	-	-	-	-	-	-	40	74	
Wat. Board	1	10	2	2	-	-	-	-	-	-	-	4	-	3	-	1	-	23	119	8	-	127	132	-	-	-	-	-	-	-	132	282	
ADP	-	-	14	-	-	-	-	7	-	-	-	-	-	-	-	-	200	221	6	12	-	18	-	-	-	-	-	-	-	0	239		
DFRRI	3	1	2	1	-	2	-	-	-	1	-	-	-	-	-	-	2	12	5	3	-	8	-	-	-	-	-	-	12	12	32		
Min of Works	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	12	-	-	-	0	15	5	5	10	-	-	-	35	47		
NEPA	-	-	4	6	-	-	-	-	-	-	-	1	-	3	-	48	-	62	2	3	-	5	63	-	-	-	-	-	-	63	130		
TOTAL	10	11	22	9	0	2	0	11	0	0	1	5	0	6	0	1	83	203	364	132	26	0	158	250	5	5	10	0	0	12	282	804	
OGUN																																	
MAWR	-	1	-	11	-	3	-	-	-	-	-	-	-	-	-	8	-	23	4	2	-	6	1	-	-	-	-	-	-	1	30		
Wat. Corp	8	-	5	2	-	-	-	-	-	-	-	7	-	-	-	34	-	56	1	2	43	46	28	-	-	-	-	19	326	373	475		
ADP	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	0	2	-	-	-	-	-	-	-	2	5		
DFRRI	1	1	1	-	1	-	1	-	-	-	-	-	1	-	-	1	-	7	3	1	5	9	2	-	-	2	1	1	6	12	28		
MW (Flood)	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	5	-	-	-	0	-	-	-	-	-	-	-	0	5		
M/W/H	22	-	5	5	-	-	-	-	-	7	-	-	-	-	-	-	39	-	12	9	21	2	1	-	-	-	-	-	3	63			
Fed Poly	-	-	-	-	-	-	-	-	-	2	5	-	-	-	-	7	-	-	-	-	0	-	-	-	-	-	-	-	0	7			
TOTAL	37	2	11	18	1	3	1	0	0	0	9	12	0	1	0	0	45	0	140	8	17	57	82	35	1	0	2	1	20	332	391	613	
ONDO																																	
MANR	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	5	-	8	-	-	-	0	4	1	-	2	-	-	2	9	17		
Wat. Corp	18	-	5	7	-	-	-	-	-	10	-	3	-	-	-	46	89	8	6	24	38	26	-	-	-	-	-	-	70	96	223		
M/W/H	50	-	15	5	-	-	-	-	-	8	-	-	2	-	-	80	30	-	-	-	30	-	-	-	-	-	-	-	0	110			
TOTAL	68	0	20	12	0	3	0	0	0	0	18	0	3	2	0	5	46	177	38	6	24	68	30	1	0	2	0	0	72	105	350		

<u>OSUN</u>																																
MANR	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	30	-	32	-	-	-	0	11	-	-	-	-	11	43			
Wat. Crop	4	-	3	2	-	-	-	-	-	-	-	5	-	-	-	5	19	38	93	4	-	97	10	-	-	-	-	8	18	153		
DFRRI	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-	-	-	0	-	-	-	-	-	0	2			
Env. Pr. Comm.	4	-	2	-	-	-	-	-	-	-	-	-	-	-	1	-	7	3	1	-	4	1	-	-	-	-	-	1	12			
TOTAL	9	0	5	2	0	2	0	0	0	0	0	5	0	1	0	0	36	19	79	96	5	0	101	22	0	0	0	0	0	8	30	210
<u>OYO</u>																																
MANR	-	-	-	-	-	11	-	-	-	-	-	-	-	-	-	81	656	748	3	38	12	53	-	-	-	-	-	-	0	801		
Wat. Corp	3	-	5	2	-	-	-	-	-	-	-	-	-	-	-	37	-	47	20	27	-	47	5	-	-	-	-	2	-	7	101	
ADP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	0	-	-	-	-	-	-	-	0	0	
DFRRI	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	0	-	-	-	-	-	-	-	0	3	
Env. Pr. Comm.	8	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	10	5	-	2	7	1	-	-	-	1	-	2	19		
De-Crown W/A	4	1	-	-	-	2	-	2	-	-	1	-	1	1	-	3	1	16	2	1	2	5	3	4	2	-	-	-	9	30		
ITA	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	0	-	-	-	-	-	-	-	0	3	
IART	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL	15	4	6	2	0	14	0	2	0	0	1	2	1	1	0	0	121	658	827	30	66	16	112	9	4	2	0	0	3	0	18	957
<u>PLATEAU</u>																																
MAWR/RD	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	0	5	2	-	-	-	-	-	7	8	
ADP	4	-	2	-	-	3	-	1	-	-	2	-	2	2	-	2	1	19	-	-	-	0	8	3	-	4	-	-	12	27	46	
UNIJOS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL	4	0	2	0	0	3	0	2	0	0	2	0	2	2	0	0	2	1	20	0	0	0	0	13	5	0	4	0	0	12	34	54
<u>RIVERS</u>																																
MANR	2	-	2	2	-	5	2	2	-	-	1	-	-	-	-	5	20	41	-	-	-	0	33	4	-	4	-	3	-	44	85	
Wat. Board	4	-	1	-	-	-	-	-	-	-	-	3	-	7	-	126	141	282	2	1	321	324	-	5	-	-	-	-	5	611		
ADP	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	1	4	-	-	-	0	-	-	-	-	-	-	-	0	4	
DFRRI	-	-	2	-	-	-	-	-	-	-	-	-	-	4	-	-	-	6	-	-	-	0	3	-	-	-	-	-	-	3	9	
ARAG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	17	25	-	1	-	1	-	-	-	-	-	-	-	0	26	
RSUNITECH	14	-	13	11	18	6	4	-	-	-	5	12	-	3	-	22	116	-	224	205	17	103	325	222	2	3	-	-	47	-	274	823
UNIPOINT	12	-	6	5	9	-	-	-	-	-	2	-	-	3	1	3	48	-	89	-	7	29	36	9	-	-	-	-	-	9	134	
TOTAL	32	0	24	18	27	13	6	3	0	0	8	15	0	17	1	25	303	179	671	207	26	453	686	267	11	3	4	0	50	0	335	1,692
<u>SOKOTO</u>																																
MWR	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-	-	4	10	17	3	1	3	7	27	-	-	-	3	-	5	35	59
MANR Irr	-	-	-	-	-	-	-	1	-	-	3	-	1	1	-	-	-	6	-	-	-	0	4	2	-	2	-	2	-	10	16	
ADP	3	-	-	-	-	-	5	-	-	5	-	4	-	-	-	10	-	27	2	8	4	14	-	1	-	-	-	-	4	5	46	
DFRRI	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	3	-	-	-	0	-	-	-	-	-	-	-	0	3	
TOTAL	3	1	0	1	0	0	6	0	0	8	0	6	3	0	0	15	10	53	5	9	7	21	31	3	0	2	3	2	9	50	124	
<u>TARABA</u>																																
MANR	5	-	3	-	-	-	-	8	2	-	1	-	1	2	-	3	-	25	-	-	-	0	15	-	-	4	21	10	-	50	75	
W/S Ag.	7	2	-	1	-	-	-	-	-	-	-	3	1	1	-	-	18	33	2	2	4	8	16	2	-	-	-	-	-	18	59	
ADP	1	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	3	-	-	-	0	-	-	-	-	-	-	-	0	3	
DFRRI	-	-	7	2	-	2	-	-	-	-	2	-	-	-	-	22	50	85	39	10	11	60	-	5	-	2	-	-	-	7	152	
INFRST Dev Fun	3	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	5	-	-	-	0	4	1	1	2	-	-	-	8	13	
TOTAL	16	3	10	3	0	2	0	10	2	0	4	3	2	3	0	0	25	68	151	41	12	15	68	35	8	1	8	21	10	0	83	302
<u>YOBE</u>																																
Wat. Board	2	2	1	1	-	-	-	-	-	-	-	1	-	7	-	-	5	19	4	3	2	9	-	-	-	-	-	-	-	0	28	
ADP	2	1	4	-	-	-	2	-	-	-	-	-	-	2	-	64	-	75	4	8	-	12	279	1	-	-	-	-	-	280	367	
TOTAL	4	3	5	1	0	0	0	2	0	0	0	1	0	9	0	0	64	5	94	8	11	2	21	279	1	0	0	0	0	0	280	395

FCT, ABUJA

Env. Pr. Board	1	34	-	-	-	10	-	-	-	-	-	3	-	-	-	5	-	2	55	12	8	12	32	-	4	-	-	-	20	-	24	111	
Wat/Sewage	25	-	-	-	-	-	-	-	-	2	1	-	2	-	-	26	2	58	1	-	-	1	13	1	-	1	-	-	-	-	15	74	
W/R Ag	3	4	5	7	-	-	-	-	-	-	-	-	3	-	-	-	60	82	14	9	40	63	20	-	-	-	-	4	-	24	169		
FEPA	5	5	7	1	1	2	-	-	-	-	-	36	-	2	-	-	52	111	-	-	59	59	-	-	-	-	-	-	-	0	170		
NEPA	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	9	113	128	4	2	15	21	112	2	-	-	-	-	57	171	320		
TOTAL	34	43	12	14	1	12	0	0	0	0	2	40	0	7	0	5	35	229	434	31	19	126	176	145	7	0	1	0	24	57	171	320	844

FMANR

Fed Dept fish	-	-	-	-	-	-	-	-	-	203	-	-	-	-	-	4	-	207	10	7	-	17	-	-	-	-	-	-	-	0	224
Fed Dept For	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	450	-	450	-	-	-	0	164	-	-	-	-	-	-	164	614
TOTAL	0	0	0	0	0	0	0	0	0	203	0	0	0	0	0	454	0	657	10	7	0	17	164	0	0	0	0	0	0	164	838

FMWRRD

Depts	8	10	2	-	-	11	-	22	-	-	4	10	-	97	2	2	18	11	197	51	14	26	91	33	1	-	-	2	-	49	85	373
RBDA/NWRI	48	4	12	6	1	22	-	26	-	-	17	25	5	50	-	31	144	241	632	137	109	82	328	324	16	20	48	78	65	467	1,018	1,978
TOTAL	56	14	14	6	1	33	0	48	0	0	21	35	5	147	2	33	162	252	829	188	123	108	419	357	17	20	48	80	65	516	1,103	2,351

GRAND TOTAL	537	169	326	228	136	202	19	156	2	211	127	215	43	286	31	115	2,727	4,105	9,635	1,503	875	2,424	4,802	3,694	214	132	184	250	792	4,293	9,559	23,996
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TABLE 26 MANPOWER PROJECTION BY STATES & AGENCIES (1/4)

Data Source = Manpower survey in the Water Resources Sector by Skonp & Co. Ltd

C/E = Civil Engr EL/E = Electrical Engr Ocean = Oceanographer Surv = Surveyor DRE = Drilling Engr Technol = Technologists Acct/Aud = Accountant/Auditor Tech Asst = Technical Assistant HYE = Hydro Engineer
 ME/E = Mechanical Engr CHE = Chemical Engr MA/E = Marine Engr Lim = Limnologist Hydro/Geol = Hydrologist Geologists Tech Staff = Technical staff Aud. = Auditors Lab = Laboratory Ecol = Ecologist
 WS/E = Water Supply Engr AG/E = Agric. Engr IRE = Irrigation Engr W/Analyst = Water Analyst Admin = Administrator Soil Techn = Soil Technical W/shop = Workshop
 Soil Sc = Soil Scientist

OCCUPATIONAL CATEGORY	ABIA				ADAMAWA				AKWA IBOM				ANAMBRA			
	1995	2000	2005	2010	1995	2000	2005	2010	1995	2000	2005	2010	1995	2000	2005	2010
C/E	32	32	32	32	-	-	-	-	-	-	-	-	5	7	9	10
WS/E	3	3	3	3	4	4	4	4	-	2	-	-	2	2	4	4
ME/E	4	4	4	4	4	4	4	4	-	-	-	-	4	5	7	7
EL/E	4	4	4	4	-	-	-	-	-	-	-	-	2	2	3	3
CHE	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	2
AG/E	4	4	4	4	-	-	-	-	-	-	-	-	2	2	3	3
MA/E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IRE	2	2	2	2	2	2	2	2	-	-	-	-	1	2	2	3
Limno	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oceano	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Surv	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	2
Chem W/Analyst	2	2	2	2	-	-	-	-	-	-	-	1	2	2	3	3
DR/E	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	3
Hydro/Geol	4	4	4	4	2	2	2	2	-	-	-	-	2	2	4	4
HYE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ecol/Soil Sc	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Technol/Tech	27	27	27	27	12	12	12	12	-	2	-	-	22	28	33	33
Other Staff	46	46	46	46	5	5	5	5	5	-	-	2	-	-	-	-
Sub-total	128	128	128	128	29	29	29	29	5	4	0	3	44	56	75	77
Admin	4	4	4	4	-	-	-	-	-	-	-	-	4	5	6	6
Acct/Aud	8	8	8	8	-	-	-	-	-	-	-	-	5	7	8	8
Other Admn Staff	6	6	6	6	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	18	18	18	18	0	0	0	0	0	0	0	0	9	12	14	14
Tech Asst/ Tech Off.	59	59	59	59	16	16	16	16	-	2	-	1	-	-	-	-
Draughtsmen	3	3	3	3	2	2	2	2	-	-	-	-	-	-	-	-
Soil Tech	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
Surv Assts	2	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Hydro Assts	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
Lab/W/shop Assts	1	1	1	1	-	-	-	-	-	3	-	1	-	-	-	-
Others	26	26	26	26	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	91	91	91	91	18	18	18	18	0	5	6	2	0	0	0	0
Total	237	237	237	237	47	47	47	47	5	9	6	5	53	68	89	91

OCCUPATIONAL CATEGORY	BAUCHI				BENUE				BORNO				C-RIVERS			
	1995	2000	2005	2010	1995	2000	2005	2010	1995	2000	2005	2010	1995	2000	2005	2010
C/E	18	25	28	29	-	-	-	-	4	4	4	4	28	40	53	67
WS/E	11	17	22	23	-	-	-	-	1	1	1	1	10	18	26	35
ME/E	11	16	19	20	-	-	-	-	-	-	-	-	7	14	21	28
EL/E	11	11	12	12	-	-	-	-	-	-	-	-	7	14	21	28
CH/E	-	-	-	-	-	-	-	-	-	-	-	-	5	10	15	20
AG/E	14	19	22	22	-	-	-	-	2	2	2	2	8	14	21	28
MA/E	-	-	-	-	-	-	-	-	-	-	-	-	4	8	12	15
IR/E	17	22	32	37	5	-	-	-	-	-	-	-	10	16	23	30
Limno	-	-	-	-	-	-	-	-	-	-	-	-	3	5	10	15
Oceano	-	-	-	-	-	-	-	-	-	-	-	-	4	5	10	15
Surv	7	8	10	10	-	-	-	-	-	-	-	-	7	11	18	25
Chem W/Analyst	4	6	8	8	-	-	-	-	-	-	-	-	7	10	17	24
DR/E	-	1	1	2	-	-	-	-	-	-	-	-	10	13	20	22
Hydro/Geol	6	10	15	15	2	-	-	-	1	1	1	1	12	15	22	24
HY/E	2	4	4	4	-	-	-	-	-	-	-	-	5	7	13	14
Ecol/Soil Sc	8	9	11	11	-	-	-	-	1	1	1	1	4	5	10	10
Technol/Tech	26	28	39	42	-	-	-	-	25	25	25	25	11	22	29	31
Other Staff	10	20	30	30	18	-	-	-	4	4	4	4	34	44	51	58
Sub-total	145	196	253	265	25	0	0	0	38	38	38	39	176	271	392	489
Admin	20	20	20	25	-	-	-	-	1	1	1	1	8	11	11	16
Acct/Aud	11	11	9	10	-	-	-	-	1	1	1	1	12	16	17	18
Other Admn Staff	-	-	-	-	-	-	-	-	11	11	11	11	40	47	54	61
Sub-total	31	31	29	35	0	0	0	0	13	13	13	13	60	74	82	95
Tech Asst/ Tech Off.	28	38	43	53	22	-	-	-	19	19	19	19	17	22	29	36
Draughtsmen	5	7	9	9	-	-	-	-	1	1	1	1	3	5	10	10
Soil Tech	8	10	10	10	-	-	-	-	-	-	-	-	3	5	10	10
Surv Assts	9	10	12	17	5	-	-	-	-	-	-	-	8	12	19	21
Hydro Assts	2	4	6	8	5	-	-	-	-	-	-	-	4	6	10	10
Lab/W/shop Assts	10	20	25	35	-	-	-	-	-	-	-	-	13	20	27	24
Others	10	20	30	30	-	-	-	-	17	17	17	17	35	47	54	61
Sub-total	72	109	135	162	32	0	0	0	37	37	37	37	83	117	159	172
Total	248	336	417	462	57	0	0	0	88	88	88	89	319	462	633	756

TABLE 26 MANPOWER PROJECTION BY STATES & AGENCIES (2/4)

(Cont'd)

C/E = Civil Engr EL/E = Electrical Engr Ocean = Oceanographer Surv = Surveyor D/E = Drilling Engr Technol = Technologists Acc/A = Accountant/ Tech Asst = Technical Assistant HYE = Hydro Engineer
 ME/E = Mechanical Engr CHE = Chemical Engr MA/E = Marine Engr Lim = Limnologist Hydro/Geol = Hydrologist/Geologists Tech Staff = Technical staff Aud. = Auditors Lab = Laboratory Eco/E = Ecologist
 WSE = Water Supply Engr AG/E = Agric. Engr IRE = Irrigation Engr W/Analyst = Water Analyst Admin = Administrator Soil Techn = Soil Technical W/shop = Workshop
 Soil Sc = Soil Scientist

OCCUPATIONAL CATEGORY	EDO				ENUGU				IMO				KADUNA			
	1995	2000	2005	2010	1995	2000	2005	2010	1995	2000	2005	2010	1995	2000	2005	2010
C/E	15	12	15	20	31	37	48	50	109	99	155	186	49	75	125	110
WS/E	2	-	-	-	5	7	6	6	38	52	77	82	1	5	10	10
ME/E	-	-	-	-	6	9	16	16	42	66	71	83	4	5	10	10
EL/E	12	14	15	20	14	18	28	31	59	84	108	116	5	3	3	5
CH/E	-	-	-	-	2	2	2	2	32	55	80	80	-	-	-	-
AG/E	-	-	-	-	3	4	5	6	43	66	102	85	6	10	10	20
MA/E	-	-	-	-	-	-	-	-	5	10	20	20	-	-	-	-
IR/E	-	-	-	-	1	2	2	2	11	23	25	44	8	10	15	20
Limno	-	-	-	-	-	-	-	-	4	6	12	12	-	-	-	-
Oceano	-	-	-	-	-	-	-	-	3	5	10	10	-	-	-	-
Surv	-	-	-	-	5	8	8	8	11	20	25	25	3	-	-	-
Chem W/Analyst	-	-	-	-	3	3	3	3	35	49	74	81	-	-	-	-
D/E	-	-	-	-	2	2	2	2	14	35	39	42	-	-	-	-
Hydro/Geol	-	-	-	-	5	8	8	11	19	38	50	53	3	-	-	-
HYE	-	-	-	-	2	2	2	2	11	21	31	31	-	-	-	-
Ecol/Soil Sc	-	-	-	-	5	9	9	14	30	43	71	71	1	-	-	-
Technol/Tech	-	-	-	-	262	314	358	408	131	394	464	546	10	-	-	-
Other Staff	-	-	-	-	136	162	179	178	337	109	112	388	-	-	-	-
Sub-total	29	26	30	40	482	587	675	739	934	1,175	1,526	1,955	90	108	173	175
Admin	10	12	16	20	12	12	14	15	219	276	280	234	16	12	15	25
Acc/Aud	8	10	14	25	11	11	13	14	124	130	31	85	13	10	12	20
Other Admn Staff	8	10	14	30	197	210	223	240	-	54	25	30	2	5	10	15
Sub-total	26	32	44	75	220	233	250	269	343	460	336	349	31	27	37	60
Tech Ass/ Tech Off.	-	-	-	-	22	29	37	43	62	72	83	89	183	190	220	235
Draughtsmen	-	-	-	-	16	24	31	37	6	8	10	12	3	10	12	20
Soil Tech	-	-	-	-	5	6	8	8	1	1	2	2	5	-	-	-
Surv Assts	-	-	-	-	6	15	20	30	10	15	20	25	-	-	-	-
Hydro Assts	-	-	-	-	-	-	-	-	5	5	10	10	-	-	-	-
Lab/W/shop Assts	-	-	-	-	-	-	-	-	19	26	31	36	-	-	-	-
Others	-	-	-	-	98	115	135	165	320	340	291	355	205	220	300	320
Sub-total	0	0	0	0	147	189	231	283	423	467	447	529	396	420	532	575
Total	55	58	74	115	849	1,009	1,156	1,291	1,700	2,102	2,309	2,833	517	555	742	810

OCCUPATIONAL CATEGORY	KANO				KATSINA				KEBBI				KOGI			
	1995	2000	2005	2010	1995	2000	2005	2010	1995	2000	2005	2010	1995	2000	2005	2010
CI/E	3	3	3	4	89	122	151	175	6	13	19	25	3	2	2	2
WS/E	2	3	3	4	23	38	52	65	7	9	11	12	3	1	3	3
ME/E	3	3	3	4	20	30	40	45	3	4	6	8	1	1	2	2
EL/E	7	8	8	9	19	32	43	48	4	4	5	8	1	1	2	2
CH/E	-	-	-	-	15	30	43	55	2	2	4	4	1	1	2	2
AG/E	-	-	-	-	5	3	4	5	18	21	26	27	1	1	2	3
MA/E	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	2
IR/E	-	-	-	-	20	25	28	30	15	10	18	23	2	2	2	3
Limno	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2
Oceano	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2
Surv	2	2	3	4	11	14	19	20	6	6	8	8	6	7	2	2
Chem W/Analyst	2	3	3	4	19	32	46	60	6	6	6	6	1	2	2	2
DR/E	-	-	-	-	9	9	13	16	2	3	4	4	1	3	3	3
Hydro/Geol	3	3	4	4	5	2	3	3	3	6	6	6	1	1	2	2
HY/E	-	-	-	-	4	6	8	10	-	2	2	2	-	1	2	2
Ecol/Soil Sc	-	-	-	-	1	2	3	3	-	2	2	3	1	2	2	2
Technol/Tech	30	32	32	34	92	119	140	166	20	30	35	35	-	2	3	3
Other Staff	30	33	33	34	54	39	42	50	55	65	85	90	40	40	38	36
Sub-total	82	90	92	101	386	503	635	751	147	183	237	261	63	70	75	75
Admin	28	30	33	37	34	49	61	80	8	9	10	11	13	13	13	13
Acct/Aud	15	15	16	18	32	44	57	71	8	9	9	10	9	5	4	4
Other Admn Staff	-	-	-	-	27	29	31	34	44	54	56	56	4	4	4	4
Sub-total	43	45	49	55	93	122	152	185	60	72	75	77	26	22	21	21
Tech Asst/ Tech Off.	80	83	88	95	101	126	148	170	138	160	177	197	19	10	16	18
Draughtsmen	3	3	4	5	6	8	10	10	8	12	17	16	-	-	-	-
Soil Tech	-	-	-	-	-	-	-	-	7	8	8	10	-	-	-	-
Surv Assts	4	4	6	6	13	18	23	30	9	15	17	14	-	-	-	-
Hydro Assts	-	-	-	-	17	20	25	28	5	7	7	7	-	-	-	-
Lab/W/shop Assts	102	110	115	120	5	6	6	6	10	10	11	12	-	-	-	-
Others	65	68	75	80	230	240	255	270	158	188	210	235	-	-	-	-
Sub-total	254	268	288	306	372	418	467	514	335	400	447	491	19	10	16	18
Total	379	403	429	462	851	1,043	1,254	1,450	542	655	759	829	108	102	112	114

TABLE 26 MANPOWER PROJECTION BY STATES & AGENCIES (3/4)

(Cont'd)

C/E = Civil Engr E/E = Electrical Engr Ocean = Oceanographer Surv = Surveyor D/E = Drilling Engr Technol = Technologists Acc/A = Accountant/Auditor Tech Asst = Technical Assistant H/E = Hydro Engineer
 M/E = Mechanical Engr C/H/E = Chemical Engr M/A/E = Marine Engr Lim = Limnologist Hydro/Geol = Hydrologist Geologists Tech Staff = Technical staff Aud. = Auditors Lab = Laboratory Eco/E = Ecologist
 W/S/E = Water Supply Engr A/G/E = Agric. Engr I/R/E = Irrigation Engr W/Analyst = Water Analyst Admin = Administrator Soil Techn = Soil Technical W/shop = Workshop
 Soil Sc = Soil Scientist

OCCUPATIONAL CATEGORY	OWARA				LAGOS				NIGER				OGUN			
	1995	2000	2005	2010	1995	2000	2005	2010	1995	2000	2005	2010	1995	2000	2005	2010
C/E	1	1	1	1	43	53	71	65	11	16	30	35	44	54	65	74
WS/E	-	-	-	-	14	17	22	30	-	-	-	-	1	2	2	2
ME/E	51	51	51	51	22	27	37	48	14	-	-	-	19	27	35	42
EL/E	27	27	27	27	28	32	40	48	-	-	-	-	15	23	30	39
CH/E	75	75	75	75	2	4	6	8	-	-	-	-	1	2	2	3
AG/E	26	26	26	26	4	4	4	5	-	-	-	-	-	-	-	-
MA/E	-	-	-	-	7	10	13	15	-	-	-	-	-	-	-	-
I/R/E	-	-	-	-	1	2	2	2	12	20	20	20	-	-	-	-
Limno	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oceano	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Surv	-	-	-	-	7	8	9	10	-	-	-	-	10	12	14	16
Chem W/Analyst	22	22	22	22	14	17	20	24	-	-	-	-	10	12	14	16
D/E	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-
Hydro/Geol	3	3	3	3	2	3	5	6	-	-	-	-	2	4	5	5
H/E	-	-	-	-	19	20	23	27	-	-	-	-	-	-	-	-
Ecol/Soil Sc	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Technol/Tech	43	43	43	43	239	255	282	313	39	57	67	86	38	41	42	44
Other Staff	21	21	21	21	79	90	99	91	-	-	-	-	60	66	72	80
Sub-total	274	274	274	274	481	542	633	692	76	93	117	141	200	243	281	321
Admin	39	39	39	39	54	49	55	73	-	-	-	-	6	7	7	8
Acc/Aud	48	48	48	48	47	55	57	96	-	-	-	-	22	24	30	32
Other Admn Staff	25	25	25	25	41	43	47	53	-	-	-	-	71	81	91	95
Sub-total	112	112	112	112	142	147	159	222	0	0	0	0	99	112	128	135
Tech Asst/ Tech Off.	48	48	48	48	166	185	210	231	65	70	72	74	36	38	43	50
Draughtsmen	2	2	2	2	9	10	12	14	-	-	-	-	-	-	-	-
Soil Tech	-	-	-	-	1	2	3	4	-	-	-	-	-	-	-	-
Surv Assts	-	-	-	-	34	36	42	45	-	-	-	-	2	2	2	2
Hydro Assts	-	-	-	-	6	7	9	14	-	-	-	-	2	2	2	2
Lab/W/shop Assts	13	13	13	13	43	45	47	49	-	-	-	-	2	2	2	2
Others	37	37	37	37	9	7	9	9	-	-	-	-	6	6	6	6
Sub-total	100	100	100	100	268	292	332	366	65	70	72	674	48	50	55	62
Total	486	486	486	486	891	981	1,124	1,280	141	163	189	215	347	405	464	518

OCCUPATIONAL CATEGORY	ONDO				OSUN				OYO				PLATEAU			
	1995	2000	2005	2010	1995	2000	2005	2010	1995	2000	2005	2010	1995	2000	2005	2010
C/E	54	63	72	82	15	15	15	15	53	53	53	53	12	12	13	20
WS/E	-	-	-	-	-	-	-	-	13	21	26	36	-	-	-	-
ME/E	12	17	23	28	6	6	6	6	14	14	14	14	4	4	4	4
EL/E	14	21	28	35	2	2	2	2	4	4	4	4	-	-	-	-
CH/E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AG/E	-	-	-	-	3	3	3	3	17	22	27	32	7	6	7	8
MA/E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IR/E	-	-	-	-	2	2	2	2	7	7	7	7	5	4	5	5
Limno	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oceano	2	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Surv	12	15	17	19	-	-	-	-	6	6	6	6	2	2	2	2
Chem W/Analyst	1	1	1	1	5	5	5	5	5	6	6	7	-	-	-	-
DR/E	4	5	6	7	-	-	-	-	2	4	4	4	6	6	6	6
Hydro/Geol	-	-	-	-	1	1	1	1	4	4	4	4	3	3	3	4
HY/E	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1
Ecol/Soil Sc	-	-	-	-	-	-	-	-	15	18	20	22	-	-	-	-
Technol/Tech	2	3	4	4	5	5	5	5	152	154	156	157	2	2	2	2
Other Staff	65	84	103	122	50	50	50	50	763	807	957	1,057	1	1	1	1
Sub-total	166	211	257	302	89	89	89	89	1,055	1,120	1,284	1,403	43	41	44	53
Admin	12	16	16	18	96	96	96	96	65	74	75	76	-	-	-	-
Acct/Aud	15	21	26	31	5	5	5	5	54	54	57	58	-	-	-	-
Other Admn Staff	26	28	30	31	-	-	-	-	60	60	60	60	-	-	-	-
Sub-total	53	65	72	80	101	101	101	101	179	188	192	194	0	0	0	0
Tech Asst/ Tech Off.	33	40	47	54	22	22	22	22	37	43	54	59	17	17	17	17
Draughtsmen	2	2	3	4	-	-	-	-	8	10	10	12	5	5	5	5
Soil Tech	1	2	3	4	-	-	-	-	8	8	8	8	-	-	-	-
Surv Assts	1	1	2	2	-	-	-	-	5	10	12	15	4	4	4	4
Hydro Assts	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Lab/W/shop Assts	36	40	44	58	8	8	8	8	17	19	21	22	-	-	-	-
Others	41	45	49	53	-	-	-	-	-	-	-	-	20	20	20	20
Sub-total	115	131	149	176	30	30	30	30	75	90	105	116	46	46	46	46
Total	334	407	478	558	220	220	220	220	1,309	1,398	1,581	1,713	89	87	90	99

TABLE 26 MANPOWER PROJECTION BY STATES & AGENCIES (4/4)

(Cont'd)

CVE = Civil Engr ELE = Electrical Engr Ocean = Oceanographer Surv = Surveyor DRE = Drilling Engr Technol = Technologists Acc't = Accountant/ Tech Asst = Technical Assistant HYE = Hydro Engineer
 ME/E = Mechanical Engr CHE = Chemical Engr MA/E = Marine Engr Lim = Limnologist Hydro/Geol = Hydrologist Geologists Tech Staff = Technical staff Aud. = Auditors Lab = Laboratory Ecol = Ecologist
 WS/E = Water Supply Engr AGE = Agric. Engr IRE = Irrigation Engr W/Analyst = Water Analyst Admin = Administrator Soil Tech = Soil Technical W/shop = Workshop
 Soil Sc = Soil Scientist

OCCUPATIONAL CATEGORY	RIVERS				SOKOTO				TARABA				YOBE			
	1995	2000	2005	2010	1995	2000	2005	2010	1995	2000	2005	2010	1995	2000	2005	2010
C/E	36	36	36	36	19	28	28	34	13	15	22	24	5	5	5	5
WS/E	-	-	-	-	2	2	2	3	5	5	5	5	3	3	3	3
ME/E	25	25	25	25	1	2	3	3	24	29	31	31	5	5	5	5
EL/E	18	18	18	18	2	3	3	3	10	7	7	7	1	1	1	1
CH/E	21	21	21	21	-	-	-	-	-	-	-	-	-	-	-	-
AG/E	14	15	15	15	1	1	1	1	6	6	6	6	-	-	-	-
MA/E	6	6	6	6	-	-	-	-	-	-	-	-	-	-	-	-
IR/E	6	7	8	7	1	1	1	1	9	14	12	14	2	2	2	2
Limno	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oceano	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Surv	8	8	8	8	3	3	4	5	11	12	9	9	-	-	-	-
Chem W/Analyst	15	15	15	15	3	4	4	4	9	9	8	8	1	1	1	1
DRE	-	-	-	-	4	6	6	6	11	15	12	8	-	-	-	-
Hydro/Geol	18	18	18	18	3	3	3	3	4	6	9	11	9	9	9	9
HYE	1	1	1	1	1	2	2	2	4	4	4	4	-	-	-	-
Ecol/Soil Sc	25	25	25	25	2	2	2	2	2	2	1	1	-	-	-	-
Technol/Tech	303	303	303	303	14	20	26	26	37	37	32	32	64	64	64	64
Other Staff	161	161	161	161	15	20	20	20	70	70	70	70	5	5	5	5
Sub-total	657	659	660	661	71	97	105	113	215	231	228	230	95	95	95	95
Admin	207	207	207	207	7	9	10	10	46	48	44	42	8	8	8	8
Acc't/Aud	104	104	104	104	10	11	11	11	14	13	13	13	11	11	11	11
Other Admn Staff	132	132	132	132	10	12	12	14	18	17	17	17	2	2	2	2
Sub-total	443	443	443	443	27	32	33	35	78	78	74	72	21	21	21	21
Tech Asst/ Tech Off.	258	258	258	258	34	39	41	41	98	98	69	69	279	279	279	279
Draughtsmen	11	11	11	11	6	6	6	6	18	14	14	10	1	1	1	1
Soil Tech	3	3	3	3	4	4	4	4	15	11	11	11	-	-	-	-
Surv Assts	4	4	4	4	11	11	13	13	23	23	18	13	-	-	-	-
Hydro Assts	-	-	-	-	11	11	13	13	34	34	34	34	-	-	-	-
Lab/W/shop Assts	50	50	50	50	5	5	5	5	14	11	8	8	-	-	-	-
Others	-	-	-	-	10	10	17	17	-	-	-	-	-	-	-	-
Sub-total	326	326	326	326	81	86	99	99	202	191	154	145	280	280	280	280
Total	1,426	1,428	1,429	1,430	179	215	237	247	495	500	456	447	396	396	396	396

OCCUPATIONAL CATEGORY	FCT			
	1995	2000	2005	2010
C/E	36	43	43	50
WS/E	77	81	82	83
ME/E	9	10	10	12
EL/E	4	4	4	4
CH/E	1	1	1	1
AG/E	12	12	12	12
MA/E	-	-	-	-
IR/E	-	-	-	-
Limno	-	-	-	-
Oceano	-	-	-	-
Surv	2	2	2	2
Chem W/Analyst	40	40	40	40
DR/E	-	-	-	-
Hydro/Geol	11	13	13	16
HY/E	-	-	-	-
Ecol/Soil Sc	-	-	-	-
Technol/Tech	60	68	76	84
Other Staff	248	261	274	292
Sub-total	500	535	557	596
Admin	58	67	75	86
Acct/Aud	50	63	71	84
Other Admn Staff	144	162	170	188
Sub-total	252	292	316	358
Tech Asst/ Tech Off.	158	171	184	197
Draughtsmen	9	11	13	15
Soil Tech	-	-	-	-
Surv Assts	1	1	1	1
Hydro Assts	-	-	-	-
Lab/W/shop Assts	30	31	32	34
Others	73	81	89	97
Sub-total	271	295	319	344
Total	1,023	1,122	1,192	1,298

Data Source = Manpower Survey in the Water Resources Sector by Scoup & Co. Ltd, in December 1993.

Note = Manpower projection by the FMWRRD and two parastatals by the skoup survey is compiled in chapter 12 of the Sector Report.



