

APPENDIX M.5

SOURCE ALLOCATION PLAN BY SUB-DRAINAGE AREA

Table 5.1. Source Allocation Plan for Rural Water Supply

Basin	Surface Water	Groundwater		Source Allocation Plan (m ³ /day)										Total
		B.hole	S.well	Roof Catch	Small Dam	Sub-S Dam	Sand Dam	Rock Catch	Pipeline					
1AA	D	3,239	276	1,095	0	139	6	6	0	0	308	5,069		
	L	671	27	115	0	25	0	0	0	0	0	838		
	T	3,910	303	1,210	0	165	6	6	0	0	308	5,908		
1AB	D	3,883	344	735	0	157	0	0	0	0	33	5,152		
	L	655	29	67	0	24	0	0	0	0	0	775		
	T	4,539	374	802	0	181	0	0	0	0	33	5,929		
1AC	D	1,737	296	705	0	116	0	0	0	0	22	2,876		
	L	349	28	69	0	20	0	0	0	0	0	466		
	T	2,086	325	775	0	136	0	0	0	0	22	3,344		
1AD	D	2,279	363	1,084	0	115	13	10	0	0	74	3,938		
	L	575	43	132	0	24	0	0	0	0	0	774		
	T	2,854	406	1,217	0	139	14	10	0	0	74	4,714		
1AE	D	1,551	303	634	0	73	10	5	0	0	54	2,630		
	L	297	25	57	0	11	0	0	0	0	0	390		
	T	1,848	329	691	0	85	10	5	0	0	54	3,022		
1AF	D	4,046	767	1,836	0	257	4	4	0	0	31	6,965		
	L	938	82	210	0	51	0	0	0	0	0	1,281		
	T	4,985	850	2,067	0	308	4	4	0	0	31	8,249		
1AG	D	5,940	814	1,915	0	297	0	0	0	0	86	9,052		
	L	982	68	157	0	44	0	0	0	0	0	1,251		
	T	6,922	883	2,073	0	341	0	0	0	0	86	10,305		
1AH	D	7,502	2,582	3,629	602	379	25	25	0	0	904	15,648		
	L	1,522	308	546	0	65	2	2	0	0	0	2,445		
	T	9,025	2,891	4,176	602	445	28	28	0	0	904	18,099		
1BA	D	1,277	266	794	100	57	0	0	0	0	1,357	3,851		
	L	1,972	437	672	0	98	0	0	0	0	91	3,270		
	T	3,250	704	1,467	100	155	0	0	0	0	1,448	7,124		

Note
 (1) D: Domestic L: Livestock T: Total
 (2) Marked "*" indicates the sub-drainage area which a part of surface water was allocated to the other sources because of the shortage of surface water.

Table 5.1 Source Allocation Plan for Rural Water Supply

Basin	Surface Water	Groundwater		Source Allocation Plan (m3/day)							Rock Catch	Pipeline	Total
		B.hole	S.well	Roof Catch	Small Dam	Sub-S Dam	Sand Dam						
IBB	D 4,205	190	463	25	155	0	0	0	0	0	35	37	5,110
	L 2,470	37	152	0	103	0	0	0	0	0	0	0	2,762
	T 6,676	227	615	25	259	0	0	0	0	0	35	37	7,874
IBC	D 5,570	352	854	75	215	0	0	0	0	0	0	0	7,066
	L 1,972	82	254	0	72	0	0	0	0	0	0	0	2,380
	T 7,543	435	1,109	75	288	0	0	0	0	0	13	194	9,450
IBD	D 2,812	41	62	0	106	0	0	0	0	0	0	0	3,228
	L 1,551	0	0	0	67	0	0	0	0	0	0	0	1,618
	T 4,363	41	62	0	174	0	0	0	0	0	13	194	4,847
IBE	D 5,672	164	360	0	226	0	0	0	0	0	0	120	6,542
	L 2,334	0	0	0	96	0	0	0	0	0	0	0	2,430
	T 8,006	164	360	0	322	0	0	0	0	0	0	120	8,972
IBG	D 7,499	188	321	0	358	0	0	0	0	0	0	282	8,648
	L 2,350	0	0	0	107	0	0	0	0	0	0	0	2,457
	T 9,849	188	321	0	466	0	0	0	0	0	0	282	11,106
IBH	D 8,938	447	324	0	424	0	0	0	0	0	0	130	10,263
	L 1,881	0	0	0	82	0	0	0	0	0	0	0	1,963
	T 10,819	447	324	0	507	0	0	0	0	0	0	130	12,227
ICA	D 2,221	37	16	0	83	0	0	0	0	0	4	868	3,229
	L 1,963	11	20	0	77	0	0	0	0	0	0	3	2,074
	T 4,185	49	36	0	160	0	0	0	0	0	4	871	5,305
ICB	D 4,023	438	49	0	155	0	0	0	0	0	0	3	4,668
	L 3,167	175	22	0	118	0	0	0	0	0	0	0	3,482
	T 7,191	614	72	0	274	0	0	0	0	0	0	3	8,154
ICC	D 3,816	10	8	0	174	0	0	0	0	0	0	0	4,008
	L 2,094	1	3	0	93	0	0	0	0	0	0	0	2,191
	T 5,911	12	12	0	267	0	0	0	0	0	0	0	6,202

Note (1) D: Domestic L: Livestock T: Total

(2) Marked "*" indicates the sub-drainage area which a part of surface water was allocated to the other sources because of the shortage of surface water.

Table S.1 Source Allocation Plan for Rural Water Supply

Basin	Source Allocation Plan (m ³ /day)											Total
	Surface Water	Groundwater		Roof Catch	Small Dam	Sub-S Dam	Sand Dam	Rock Catch	Pipeline			
		B.hole	S.well									
ICD	D	2,854	48	159	0	117	0	0	0	0	0	3,178
	L	1,965	0	0	0	70	0	0	0	0	0	2,035
	T	4,819	48	159	0	188	0	0	0	0	0	5,214
ICE	D	1,205	28	70	0	42	0	0	0	0	0	1,345
	L	641	0	0	0	18	0	0	0	0	0	659
	T	1,847	28	70	0	60	0	0	0	0	0	2,005
IDA	D	6,114	214	485	0	250	0	0	0	22	0	7,085
	L	1,544	0	0	0	54	0	0	0	0	0	1,598
	T	7,658	214	485	0	304	0	0	0	22	0	8,683
IDB	D	13,345	327	635	0	586	0	0	60	265	0	15,218
	L	2,269	0	0	0	97	0	0	0	0	0	2,366
	T	15,615	327	635	0	684	0	0	60	265	0	17,586
IDC	D	8,436	237	617	0	320	0	0	119	326	0	10,055
	L	1,298	3	5	0	58	0	0	0	0	0	1,364
	T	9,735	241	622	0	379	0	0	119	326	0	11,422
IDD	D	7,281	309	687	0	295	0	0	78	329	0	8,979
	L	1,090	16	18	0	49	0	0	0	0	0	1,173
	T	8,371	326	705	0	345	0	0	78	329	0	10,154
IEA	D	6,059	209	453	0	216	0	0	0	0	0	6,937
	L	812	0	0	0	24	0	0	0	0	0	836
	T	6,871	209	453	0	240	0	0	0	0	0	7,773
IEB	D	10,097	304	813	0	357	0	0	0	0	0	11,571
	L	1,179	0	0	0	34	0	0	0	0	0	1,213
	T	11,276	304	813	0	391	0	0	0	0	0	12,784
IEC	D	5,176	152	430	0	183	0	0	0	0	0	5,941
	L	623	0	0	0	18	0	0	0	0	0	641
	T	5,799	152	430	0	201	0	0	0	0	0	6,582

Note (1) D; Domestic L; Livestock T; Total

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Table 5.1 Source Allocation Plan for Rural Water Supply

Basin	Source Allocation Plan (m ³ /day)											Total
	Surface Water	B.hole	Groundwater	Roof Catch	Small Dam	Sub-S Dam	Sand Dam	Rock Catch	Pipeline			
IED	3,693	140	311	0	130	0	0	0	0	0	0	4,274
L	432	0	0	0	12	0	0	0	0	0	0	444
T	4,126	140	311	0	142	0	0	0	0	0	0	4,719
IEE	7,300	1,069	2,216	29	314	0	0	0	0	30	0	10,958
L	1,331	99	237	0	51	0	0	0	0	0	0	1,718
T	8,632	1,169	2,453	29	365	0	0	0	0	30	0	12,678
IEF	2,140	1,095	4,166	542	164	0	0	0	0	0	0	8,107
L	523	231	906	0	34	0	0	0	0	0	0	1,694
T	2,664	1,326	5,072	542	199	0	0	0	0	0	0	9,803
IEG	12,553	1,600	3,659	148	620	0	0	0	0	63	0	18,643
L	2,140	168	463	0	100	0	0	0	0	0	0	2,871
T	14,694	1,768	4,122	148	720	0	0	0	0	63	0	21,515
IFA	1,526	0	0	0	64	0	0	0	0	0	0	1,590
L	828	0	0	0	36	0	0	0	0	0	0	864
T	2,355	0	0	0	101	0	0	0	0	0	0	2,456
IFB	2,763	49	129	0	120	0	0	0	0	0	0	3,061
L	1,309	0	0	0	51	0	0	0	0	0	0	1,360
T	4,072	49	129	0	171	0	0	0	0	0	0	4,421
IFC	2,598	65	171	0	111	0	0	0	0	102	0	3,047
L	1,148	0	0	0	42	0	0	0	0	0	0	1,190
T	3,746	65	171	0	154	0	0	0	0	102	0	4,238
IFD	7,416	38	134	0	247	0	0	0	0	161	0	7,996
L	2,781	0	0	0	91	0	0	0	0	0	0	2,872
T	10,198	38	134	0	338	0	0	0	0	161	0	10,869
IFE	23,777	724	2,043	0	891	0	0	0	0	84	0	27,519
L	3,975	2	8	0	125	0	0	0	0	0	0	4,110
T	27,752	727	2,052	0	1,017	0	0	0	0	84	0	31,632

Note (1) D: Domestic L: Livestock T: Total

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Table 5.1 Source Allocation Plan for Rural Water Supply

Basin	Surface Water	Groundwater		Source Allocation Plan (m3/day)						Rock Catch	Pipeline	Total
		B.hole	S.well	Roof Catch	Small Dam	Sub-S Dam	Sand Dam					
1FF	D 18,707	427	1,550	0	666	0	0	0	0	0	115	21,465
	L 2,189	1	4	0	65	0	0	0	0	0	0	2,259
	T 20,897	428	1,555	0	731	0	0	0	0	0	115	23,726
1FG	D 6,467	2,042	5,635	575	405	0	0	0	0	0	710	15,834
	L 1,697	390	1,215	0	94	0	0	0	0	0	7	3,403
	T 8,164	2,432	6,851	575	500	0	0	0	0	0	717	19,239
IGA	D 3,160	3	5	0	102	0	0	0	0	0	0	3,270
	L 1,127	0	0	0	35	0	0	0	0	0	0	1,162
	T 4,288	3	5	0	138	0	0	0	0	0	0	4,434
IGB	D 5,541	88	254	11	175	0	0	0	0	0	93	6,162
	L 1,830	3	12	0	59	0	0	0	0	0	0	1,904
	T 7,372	91	267	11	234	0	0	0	0	0	93	8,068
IGC	D 8,459	53	16	0	347	0	0	0	0	0	915	9,790
	L 3,899	3	0	0	164	0	0	0	0	0	0	4,066
	T 12,359	57	17	0	511	0	0	0	0	0	915	13,859
IGD	D 5,503	473	1,592	461	188	0	0	0	0	0	0	8,217
	L 2,228	131	528	0	86	0	0	0	0	0	0	2,973
	T 7,732	605	2,120	461	275	0	0	0	0	0	0	11,193
IGE	D 4,578	258	510	98	150	0	0	0	0	0	0	5,594
	L 2,035	39	157	0	69	0	0	0	0	0	0	2,300
	T 6,613	297	667	98	220	0	0	0	0	0	0	7,895
IGF	D 2,991	643	682	93	105	0	0	0	0	0	0	4,514
	L 1,593	144	208	0	63	0	0	0	0	0	0	2,008
	T 4,584	787	890	93	169	0	0	0	0	0	0	6,523
IGG	D 3,928	8	6	0	161	0	0	0	0	0	0	4,103
	L 1,415	0	0	0	58	0	0	0	0	0	0	1,473
	T 5,343	8	6	0	219	0	0	0	0	0	0	5,576

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Table 5.1 Source Allocation Plan for Rural Water Supply

Basin	Surface Water	Groundwater		Source Allocation Plan (m3/day)										Total
		B.hole	S.well	Roof Catch	Small Dam	Sub-S Dam	Sand Dam	Rock Catch	Pipeline					
IHA	D	11,289	1,128	2,552	745	415	0	0	0	0	0	0	17	16,146
	L	2,970	296	813	0	113	0	0	0	0	0	0	0	4,192
	T	14,259	1,425	3,366	745	528	0	0	0	0	0	17	0	20,340
IHB	D	7,875	2,960	4,886	1,432	346	0	0	0	0	116	567	0	18,182
	L	2,002	864	1,490	0	88	0	0	0	0	0	0	0	4,444
	T	9,878	3,825	6,376	1,432	434	0	0	0	0	116	567	0	22,628
IHC	D	771	1,065	1,585	703	45	0	0	0	0	98	171	0	4,438
	L	400	567	665	0	25	0	0	0	0	0	5	0	1,662
	T	1,172	1,633	2,251	703	70	0	0	0	0	98	177	0	6,104
IHD	D	12,645	1,539	4,105	625	682	47	47	47	47	0	444	0	20,134
	L	2,264	152	343	0	97	2	2	2	2	0	0	0	2,860
	T	14,910	1,691	4,449	625	779	50	50	50	50	0	444	0	22,998
IHE	D	12,767	1,683	3,634	748	580	25	25	25	25	0	1,534	0	20,996
	L	2,351	151	327	0	82	1	1	1	1	0	0	0	2,913
	T	15,119	1,834	3,961	748	663	26	26	26	26	0	1,534	0	23,911
IHF	D	1,191	1,025	1,715	945	125	5	5	5	5	0	0	0	5,011
	L	212	157	306	0	20	0	0	0	0	0	0	0	695
	T	1,403	1,183	2,021	945	146	5	5	5	5	0	0	0	5,708
IHG	D	425	356	551	419	22	0	0	0	0	0	0	0	1,773
	L	100	79	145	0	3	0	0	0	0	0	0	0	327
	T	525	436	697	419	25	0	0	0	0	0	0	0	2,102
IJA	D	5,140	14	0	0	221	0	0	0	0	0	30	0	5,405
	L	2,311	2	0	0	103	0	0	0	0	0	0	0	2,416
	T	7,452	16	0	0	324	0	0	0	0	0	30	0	7,822
IJB	D	3,843	4	7	0	143	0	0	0	0	0	20	0	4,017
	L	1,374	0	0	0	49	0	0	0	0	0	0	0	1,423
	T	5,218	4	7	0	193	0	0	0	0	0	20	0	5,442

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Basin	Source Allocation Plan (m ³ /day)											Total
	Surface Water	Groundwater		Roof Catch	Small Dam	Sub-S Dam	Sand Dam	Rock Catch	Pipeline			
		B.hole	S.well									
IJC	D	2,783	15	0	0	100	0	0	0	0	0	2,898
	L	1,093	0	0	0	40	0	0	0	0	0	1,133
	T	3,877	15	0	0	141	0	0	0	0	0	4,033
IJD	D	4,797	188	31	0	154	0	0	0	0	0	5,170
	L	1,858	0	0	0	56	0	0	0	0	0	1,914
	T	6,655	188	31	0	211	0	0	0	0	0	7,085
IJE	D	6,775	643	713	2	472	0	0	0	0	0	8,605
	L	2,793	91	113	0	185	0	0	0	0	0	3,182
	T	9,569	735	827	2	658	0	0	0	0	0	11,791
IJF	D	16,729	562	342	0	687	0	0	0	657	0	18,977
	L	6,759	18	23	0	262	0	0	0	0	0	7,062
	T	23,489	581	365	0	949	0	0	0	657	0	26,041
IJG	D	4,913	660	848	146	240	2	2	0	0	0	6,811
	L	1,430	123	148	0	57	0	0	0	0	0	1,758
	T	6,343	783	997	146	297	2	2	0	0	0	8,570
IKA	D	11,764	626	1,123	39	465	0	0	0	399	0	14,416
	L	1,928	13	22	0	64	0	0	0	0	0	2,027
	T	13,692	640	1,145	39	530	0	0	0	399	0	16,445
IKB	D	41,925	7,593	10,648	2,764	2,477	56	56	0	2,279	0	67,798
	L	8,229	1,025	1,689	0	424	11	11	0	0	0	11,389
	T	50,155	8,619	12,338	2,764	2,901	67	67	0	2,279	0	79,190
IKC	D	6,668	4,646	5,638	3,198	719	59	59	0	7	0	20,994
	L	6,403	3,317	5,920	0	668	20	20	0	0	0	16,348
	T	13,072	7,963	11,558	3,198	1,388	80	80	0	7	0	37,346
ILAI	D	6,667	849	439	0	423	0	0	0	0	0	8,378
	L	4,176	119	62	0	251	0	0	0	0	0	4,608
	T	10,843	968	501	0	675	0	0	0	0	0	12,987

Note (1) D : Domestic L : Livestock T : Total
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Table 5.1 Source Allocation Plan for Rural Water Supply

Basin	Surface Water	Groundwater		Source Allocation Plan (m3/day)										Total
		B.hole	S.well	Roof Catch	Small Dam	Sub-S Dam	Sand Dam	Rock Catch	Pipeline					
ILA2	788	281	482	296	82	1	1	0	0	0	0	0	0	1,931
L	1,916	686	1,196	0	236	3	3	0	0	0	0	0	0	4,040
T	2,704	967	1,679	296	318	4	4	0	0	0	0	0	0	5,972
ILAS	369	172	575	237	18	9	9	0	0	0	0	0	0	1,389
L	1,097	501	1,612	0	66	21	21	0	0	0	0	0	0	3,318
T	1,466	673	2,188	237	85	30	30	0	0	0	0	0	0	4,709
ILB1	6,300	1,488	612	90	397	4	3	0	0	0	0	0	96	8,990
L	5,264	434	374	0	319	5	5	0	0	0	0	0	12	6,413
T	11,565	1,923	987	90	717	9	8	0	0	0	0	0	108	15,407
ILB2	326	210	433	274	31	8	8	0	0	0	0	0	0	1,290
L	1,046	697	1,412	0	118	20	20	0	0	0	0	0	0	3,313
T	1,373	907	1,845	274	149	29	29	0	0	0	0	0	0	4,606

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Table 5.1 Source Allocation Plan for Rural Water Supply

Basin	Surface Water	Groundwater		Source Allocation Plan (m ³ /day)				Rock Catch	Pipeline	Total
		B.hole	S.well	Roof Catch	Small Dam	Sub-S Dam	Sand Dam			
2AA	0	204	243	64	0	10	13	0	0	534
L	0	1,941	2,129	0	0	89	113	0	0	4,272
T	0	2,146	2,372	64	0	100	126	0	0	4,808
2AB	0	361	812	132	0	26	40	0	0	1,371
L	0	4,211	9,436	0	0	285	430	0	0	14,362
T	0	4,572	10,249	132	0	311	470	0	0	15,734
2BA*	934	321	1,194	283	39	14	3	0	0	2,788
L	479	138	527	0	23	6	1	0	0	1,174
T	1,414	460	1,722	283	63	20	5	0	0	3,967
2BB*	522	200	809	192	20	5	0	0	0	1,748
L	311	114	418	0	13	2	1	0	0	859
T	833	314	1,228	192	34	8	2	0	0	2,611
2BC*	2,489	687	1,575	321	112	21	16	0	0	5,221
L	1,173	305	758	0	56	9	7	0	0	2,308
T	3,663	993	2,334	321	169	31	23	0	0	7,534
2BD	226	564	1,156	184	2	27	29	0	0	2,188
L	2,844	4,232	7,310	0	58	251	277	0	0	14,972
T	3,071	4,797	8,467	184	61	278	306	0	0	17,164
2CA	63	125	130	30	0	7	7	0	0	362
L	823	1,411	1,425	0	0	74	74	0	0	3,807
T	887	1,537	1,556	30	0	81	81	0	0	4,172
2CB*	3,840	1,774	870	411	153	15	6	8	568	7,645
L	4,584	1,248	1,296	0	209	6	4	0	112	7,459
T	8,425	3,023	2,167	411	363	21	11	8	680	15,109
2CC*	1,688	1,165	2,002	532	69	36	24	9	0	5,525
L	2,809	5,362	5,646	0	139	200	222	0	0	14,378
T	4,497	6,528	7,648	532	208	236	247	9	0	19,905

Note (1) D : Domestic L ; Livestock T : Total

(2) Marked "*" indicates the sub-drainage area which a part of surface water was allocated to the other sources because of the shortage of surface water.

Table S.1 Source Allocation Plan for Rural Water Supply

Basin	Surface Water	Groundwater		Source Allocation Plan (m ³ /day)						Rock Catch	Pipeline	Total
		B.hole	S.well	Roof Catch	Small Dam	Sub-S Dam	Sand Dam	Rock Catch				
2D	300	1,202	881	529	18	21	23	20	4	2,998		
L	480	4,225	4,837	0	47	110	119	0	1	9,819		
T	781	5,427	5,719	529	66	131	142	20	5	12,820		
2EA*	759	1,615	3	270	116	23	11	0	0	2,797		
L	896	1,552	2	0	144	19	7	0	0	2,620		
T	1,655	3,167	5	270	260	42	18	0	0	5,417		
2EB*	1,175	2,105	49	301	173	34	12	0	0	3,849		
L	1,313	1,830	43	0	199	26	8	0	0	3,419		
T	2,488	3,935	93	301	373	60	21	0	0	7,271		
2EC	1,503	1,915	5	404	154	19	19	6	2,888	6,913		
L	3,078	2,934	3	0	353	23	20	0	473	6,884		
T	4,582	4,849	8	404	508	43	39	6	3,362	13,801		
2ED	1,590	279	0	1	65	0	0	0	723	2,658		
L	1,026	41	3	0	42	0	0	0	0	1,112		
T	2,616	321	3	1	108	0	0	0	723	3,772		
2EE	463	344	120	74	20	3	2	0	0	1,026		
L	368	238	114	0	17	1	2	0	0	740		
T	831	583	235	74	38	5	4	0	0	1,770		
2EF	183	150	61	30	21	1	1	0	589	1,036		
L	319	183	70	0	27	0	0	0	30	629		
T	503	334	131	30	48	1	1	0	619	1,667		
2EG1	3,656	1,108	0	0	288	0	0	0	1,237	6,289		
L	3,607	140	1	0	281	0	0	0	3	4,032		
T	7,264	1,248	1	0	570	0	0	0	1,240	10,323		
2EG2	346	408	300	110	30	7	5	0	999	2,205		
L	857	808	264	0	98	4	2	0	167	2,200		
T	1,204	1,217	564	110	128	12	7	0	1,166	4,408		

Note (1) D: Domestic L: Livestock T: Total

(2) Marked "*" indicates the sub-drainage area which a part of surface water was allocated to the other sources because of the shortage of surface water.

Table 5.1 Source Allocation Plan for Rural Water Supply

Basin	Surface Water	Groundwater		Source Allocation Plan (m ³ /day)				Rock Catch	Pipeline	Total
		B.hole	S.well	Roof Catch	Small Dam	Sub-S Dam	Sand Dam			
2EH	485	231	177	73	19	3	3	0	0	991
L	457	127	159	0	20	1	2	0	0	766
T	942	358	336	73	39	4	5	0	0	1,757
2EJ*	335	777	97	209	55	9	9	0	0	1,491
L	856	1,633	104	0	147	15	15	0	0	2,770
T	1,191	2,410	202	209	203	25	25	0	0	4,265
2EK*	292	825	32	104	42	9	8	0	0	1,312
L	594	1,448	31	0	92	14	13	0	0	2,192
T	887	2,273	63	104	135	24	22	0	0	3,508
2FA	702	1,344	6	260	63	15	5	20	425	2,840
L	623	1,251	145	0	74	16	7	0	95	2,211
T	1,326	2,596	152	260	138	31	13	20	520	5,056
2FB	390	729	0	137	36	8	8	7	9	1,324
L	435	684	0	0	50	6	6	0	1	1,182
T	826	1,414	0	137	86	14	14	7	11	2,509
2FC	3,012	4,443	10	678	350	58	30	20	2,395	10,996
L	3,720	4,137	5	0	443	45	24	0	377	8,751
T	6,732	8,580	16	678	793	104	55	20	2,773	19,751
2GA	560	431	8	129	48	0	0	18	299	1,493
L	403	283	215	0	47	4	1	0	68	1,021
T	964	714	224	129	95	4	1	18	367	2,516
2GB	3,533	1,560	96	332	194	0	0	108	672	6,495
L	2,514	824	228	0	248	3	2	0	114	3,933
T	6,048	2,385	325	332	442	3	2	108	787	10,432
2GC	3,895	1,319	18	24	271	0	0	26	57	5,610
L	2,084	151	56	0	163	0	0	0	12	2,466
T	5,980	1,470	75	24	434	0	0	26	69	8,078

Note (1) D: Domestic L; Livestock T; Total

(2) Marked "*" indicates the sub-drainage area which a part of surface water was allocated to the other sources because of the shortage of surface water.

Table 5.1 Source Allocation Plan for Rural Water Supply

Basin	Surface Water	Groundwater		Source Allocation Plan (m3/day)							Rock Catch	Pipeline	Total
		B.hole	S.well	Roof Catch	Small Dam	Sub-S Dam	Sand Dam						
2GD	D 1,035	625	162	338	77	5	5	2	1,683	3,932			
	L 1,354	845	1,460	0	118	21	19	0	360	4,177			
	T 2,390	1,470	1,623	338	195	27	24	2	2,043	8,112			
2H	D 2,581	2,917	608	659	192	21	12	32	2,022	9,044			
	L 2,568	5,321	1,860	0	212	75	63	0	70	10,169			
	T 5,149	8,239	2,468	659	404	97	75	32	2,093	19,216			
2J	D 0	483	838	163	0	25	28	0	6	1,543			
	L 0	5,717	9,911	0	0	283	318	0	0	16,229			
	T 0	6,200	10,750	163	0	308	347	0	6	17,774			
2KA	D 5,933	3,268	664	845	336	26	26	0	254	11,352			
	L 10,125	4,025	1,131	0	587	36	35	0	67	16,006			
	T 16,058	7,294	1,795	845	924	62	62	0	322	27,362			
2KB	D 250	373	119	169	18	5	5	2	4	945			
	L 809	1,144	376	0	65	14	14	0	0	2,422			
	T 1,060	1,517	496	169	84	20	20	2	5	3,373			
2KC	D 131	143	260	111	5	4	4	0	53	711			
	L 366	506	725	0	19	12	12	0	0	1,640			
	T 498	649	986	111	24	16	16	0	53	2,353			

Note (1) D : Domestic L ; Livestock T : Total

(2) Marked "*" indicates the sub-drainage area which a part of surface water was allocated to the other sources because of the shortage of surface water.

Table 5.1 Source Allocation Plan for Rural Water Supply

Basin	Source Allocation Plan (m ³ /day)											Total
	Surface Water	Groundwater		Roof Catch	Small Dam	Sub-S Dam	Sand Dam	Rock Catch	Pipeline			
		B.hole	S.well									
3AA	D	1,386	317	9	20	81	9	4	0	1,095	2,921	
	L	4,182	256	27	0	264	6	5	0	9	4,749	
	T	5,568	574	37	20	346	15	9	0	1,104	7,673	
3AB	D	220	170	58	49	7	2	6	3	177	692	
	L	672	519	148	0	35	6	13	0	36	1,429	
	T	895	690	207	49	42	9	20	3	213	2,126	
3AC	D	378	131	88	38	29	2	0	4	301	971	
	L	145	34	23	0	14	1	0	0	8	223	
	T	521	166	111	38	44	3	1	4	310	1,198	
3BA	D	9,579	651	0	53	528	0	0	6	7,457	18,074	
	L	1,982	98	0	0	110	0	0	0	13	2,203	
	T	11,362	749	0	53	639	0	0	6	7,470	20,279	
3BB	D	4,281	95	0	0	224	0	0	6	1,487	6,093	
	L	596	4	0	0	31	0	0	0	0	631	
	T	4,877	99	0	0	256	0	0	6	1,487	6,725	
3BC	D	5,950	485	0	0	320	0	0	10	4,179	10,944	
	L	979	8	0	0	52	0	0	0	0	1,039	
	T	6,930	493	0	0	372	0	0	10	4,179	11,984	
3BD	D	6,871	143	0	0	362	0	0	4	1,065	8,445	
	L	816	6	0	0	42	0	0	0	0	864	
	T	7,687	149	0	0	405	0	0	4	1,065	9,310	
3CB	D	6,480	246	19	0	348	0	0	0	466	7,559	
	L	721	5	1	0	38	0	0	0	0	765	
	T	7,202	251	21	0	386	0	0	0	466	8,326	
3DA	D	1,383	820	1,534	382	161	33	17	7	919	5,256	
	L	497	237	410	0	69	8	3	0	34	1,258	
	T	1,881	1,057	1,945	382	250	41	20	7	953	6,516	

Note (1) D; Domestic L; Livestock T; Total

(2) Marked "*" indicates the sub-drainage area which a part of surface water was allocated to the other sources because of the shortage of surface water.

Table 5.1 Source Allocation Plan for Rural Water Supply

Basin	Surface Water	Groundwater		Source Allocation Plan (m ³ /day)						Rock Catch	Pipeline	Total
		B.hole	S.well	Roof Catch	Small Dam	Sub-S Dam	Sand Dam	Rock Catch				
3DB	D	237	497	1,229	227	22	18	11	0	0	0	2,241
	L	78	151	397	0	8	4	2	0	0	0	640
	T	316	649	1,626	227	30	23	14	0	0	0	2,885
3EA	D	4,161	805	2,389	247	393	113	38	11	1,942	0	10,099
	L	1,247	166	346	0	134	14	4	0	37	0	1,948
	T	5,408	972	2,736	247	527	128	42	11	1,979	0	12,050
3EB	D	1,951	1,376	2,777	404	220	68	39	0	0	0	6,835
	L	546	287	597	0	71	11	6	0	0	0	1,518
	T	2,497	1,664	3,374	404	292	79	46	0	0	0	8,356
3EC	D	1,735	1,504	2,356	406	179	55	42	0	21	0	6,298
	L	465	299	499	0	55	8	6	0	0	0	1,332
	T	2,200	1,804	2,856	406	234	64	48	0	21	0	7,633
3ED	D	191	315	983	130	15	27	20	2	0	0	1,683
	L	60	84	260	0	5	6	4	0	0	0	419
	T	251	399	1,244	130	21	33	25	2	0	0	2,105
3FA	D	1,853	3,468	6,001	1,210	153	144	125	34	1,161	0	14,149
	L	1,365	2,508	5,107	0	106	80	77	0	37	0	9,280
	T	3,218	5,977	11,109	1,210	260	224	203	34	1,198	0	23,433
3FB	D	767	485	1,281	334	33	20	21	0	1,313	0	4,254
	L	310	205	528	0	14	5	6	0	58	0	1,124
	T	1,077	683	1,809	334	47	25	28	0	1,372	0	5,380
3G	D	1,063	1,228	491	241	41	16	18	10	245	0	3,353
	L	2,132	2,677	780	0	110	30	36	0	65	0	5,830
	T	3,195	3,905	1,271	241	152	46	54	10	310	0	9,184
3HA	D	130	81	61	16	5	1	1	0	135	0	430
	L	129	88	62	0	6	1	1	0	17	0	304
	T	260	169	124	16	12	2	2	0	152	0	737

Note (1) D: Domestic L: Livestock T: Total

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Table S.1 Source Allocation Plan for Rural Water Supply

Basin	Surface Water	Groundwater		Roof Catch	Small Dam	Sub-S Dam		Sand Dam	Rock Catch	Pipeline	Total
		B.hole	S.well			Dam	Dam				
3HB	46	25	38	40	1	0	0	0	0	427	577
	50	86	72	0	1	1	1	1	0	36	247
	97	111	111	40	2	1	1	1	0	463	826
3HC	188	271	332	136	7	2	7	7	0	104	1,047
	48	62	78	0	1	0	0	0	0	2	191
	236	333	410	136	9	2	7	7	0	106	1,239
3HD1	167	113	177	135	6	0	0	0	0	1,019	1,617
	76	64	117	0	2	0	0	0	0	21	280
	243	178	294	135	9	0	0	0	0	1,041	1,900
3HD2	224	383	104	105	9	2	8	8	0	12	847
	51	77	20	0	2	0	0	0	0	0	150
	276	460	125	105	12	2	9	9	0	13	1,002
3J	509	435	136	71	21	6	6	6	0	1	1,185
	486	297	93	0	25	3	3	3	0	0	907
	996	733	230	71	47	9	9	9	0	2	2,097
3K	1,221	3,566	2,805	1,609	80	33	100	100	7	1,370	10,791
	601	1,610	1,261	0	44	10	32	32	0	18	3,576
	1,823	5,177	4,066	1,609	124	44	132	132	7	1,388	14,370
3LA	380	977	1,992	1,035	15	26	30	30	29	2,010	6,494
	352	486	1,024	0	17	8	9	9	0	34	1,930
	733	1,464	3,017	1,035	32	35	39	39	29	2,044	8,428
3LB	58	256	722	372	1	0	0	0	0	1,913	3,322
	22	155	394	0	0	0	0	0	0	10	581
	81	411	1,117	372	2	0	0	0	0	1,924	3,907
3MA	524	504	1,217	442	19	11	22	22	126	98	2,963
	476	415	993	0	25	9	15	15	0	0	1,933
	1,001	919	2,210	442	45	21	37	37	126	98	4,899

Note (1) D : Domestic L ; Livestock T ; Total
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Table 5.1 Source Allocation Plan for Rural Water Supply

Basin	Surface Water	Groundwater		Source Allocation Plan (m3/day)										Pipeline	Total	
		B.hole	S.well	Roof Catch	Small Dam	Sub-S Dam	Sand Dam	Rock Catch								
3MB	D	3	549	768	608	0	1	11	0	0	0	0	0	0	1,610	3,550
	L	74	452	724	0	3	0	6	0	0	0	0	0	24	1,283	
	T	77	1,002	1,493	608	3	1	18	0	0	0	0	0	1,635	4,837	
3MC	D	107	397	346	240	8	1	4	0	0	0	0	0	638	1,741	
	L	143	246	217	0	10	1	1	0	0	0	0	30	648		
	T	251	643	563	240	18	3	5	0	0	0	0	669	2,392		
3MD1	D	0	2,072	3,046	1,410	0	22	9	0	0	0	0	0	3,688	10,247	
	L	0	623	1,027	0	0	4	1	0	0	0	0	0	1,655		
	T	0	2,696	4,073	1,410	0	27	11	0	0	0	0	3,688	11,905		
3MD2	D	186	303	333	152	7	9	4	0	0	0	0	292	1,286		
	L	73	206	125	0	3	4	1	0	0	0	0	1	413		
	T	259	509	458	152	11	13	6	0	0	0	0	294	1,702		
3N	D	245	219	516	97	5	2	7	0	0	0	0	59	1,161		
	L	741	655	1,298	0	38	10	28	0	0	0	0	10	2,780		
	T	986	875	1,815	97	43	13	55	0	0	0	0	70	3,945		

Note (1) D ; Domestic L ; Livestock T ; Total

(2) Marked "w" indicates the sub-drainage area which a part of surface water was allocated to the other sources because of the shortage of surface water.

Table 5.1 Source Allocation Plan for Rural Water Supply

Basin	Source Allocation Plan (m ³ /day)											Total
	Surface Water	Groundwater		Roof Catch	Small Dam	Sub-S Dam	Sand Dam	Rock Catch	Pipeline			
4AA	4,233	0	0	0	175	0	0	0	0	0	0	4,428
L	650	0	0	0	24	0	0	0	0	0	0	674
T	4,903	0	0	0	200	0	0	0	0	0	0	5,103
4AB	1,936	35	0	0	89	0	0	5	35	0	0	2,100
L	415	1	0	0	19	0	0	0	0	0	0	435
T	2,351	36	0	0	108	0	0	5	35	0	0	2,535
4AC	7,829	20	0	0	332	0	0	0	15	0	0	8,196
L	1,125	1	0	0	46	0	0	0	0	0	0	1,172
T	8,954	21	0	0	378	0	0	0	15	0	0	9,368
4AD	9,275	30	1	0	405	0	0	0	0	0	0	9,711
L	1,224	1	0	0	51	0	0	0	0	0	0	1,276
T	10,500	31	1	0	456	0	0	0	0	0	0	10,988
4BA	8,980	73	90	0	424	0	0	0	54	0	0	9,621
L	1,173	0	0	0	49	0	0	0	0	0	0	1,222
T	10,153	73	90	0	474	0	0	0	54	0	0	10,844
4BB	4,492	0	0	0	186	0	0	0	295	0	0	4,973
L	683	0	0	0	26	0	0	0	0	0	0	709
T	5,175	0	0	0	213	0	0	0	295	0	0	5,683
4BC	4,147	21	0	0	172	0	0	0	131	0	0	4,471
L	676	0	0	0	26	0	0	0	0	0	0	702
T	4,823	21	0	0	199	0	0	0	131	0	0	5,174
4BD	14,040	271	21	0	741	0	0	0	0	0	0	15,073
L	1,351	0	0	0	67	0	0	0	0	0	0	1,418
T	15,391	271	21	0	809	0	0	0	0	0	0	16,492
4BE	12,324	31	27	7	641	0	0	0	232	0	0	13,262
L	1,371	2	7	0	68	0	0	0	0	0	0	1,448
T	13,696	33	34	7	709	0	0	0	232	0	0	14,711

Note (1) D : Domestic L : Livestock T : Total
 (2) Marked "*" indicates the sub-drainage area which a part of surface water was allocated to the other sources because of the shortage of surface water.

Table 5.1 Source Allocation Plan for Rural Water Supply

Basin	Surface Water	Groundwater		Source Allocation Plan (m ³ /day)						Rock Catch	Pipeline	Total
		B.hole	S.well	Roof Catch	Small Dam	Sub-S Dam	Sand Dam					
4BF	6,680	249	28	3	358	0	0	0	0	0	276	7,594
	970	2	3	0	48	0	0	0	0	0	0	1,023
	7,650	251	32	3	407	0	0	0	0	0	276	8,619
4BG	606	191	469	127	64	0	0	0	0	0	0	1,457
	187	49	116	0	16	0	0	0	0	0	0	368
	793	241	586	127	80	0	0	0	0	0	0	1,827
4CA	7,572	912	0	0	474	0	0	0	0	0	234	9,192
	1,541	66	0	0	113	0	0	0	0	0	0	1,720
	9,113	979	0	0	587	0	0	0	0	0	234	10,913
4CB	7,925	204	0	0	415	0	0	0	0	0	0	8,544
	765	0	0	0	40	0	0	0	0	0	0	805
	8,691	204	0	0	455	0	0	0	0	0	0	9,350
4CC	6,749	552	1,226	233	402	11	11	11	11	0	5	9,189
	950	116	329	0	61	2	2	2	2	0	0	1,460
	7,700	668	1,556	233	463	13	13	13	13	0	5	10,651
4DA	12,052	79	58	16	499	0	0	0	0	0	438	13,122
	1,928	4	14	0	77	0	0	0	0	0	0	2,025
	13,961	84	72	16	576	0	0	0	0	0	438	15,147
4DB	4,718	591	65	34	212	0	0	0	0	0	0	5,620
	702	50	12	0	30	0	0	0	0	0	0	794
	5,420	641	77	34	243	0	0	0	0	0	0	6,415
4DC	6,183	560	90	36	263	0	0	0	0	0	1	7,133
	774	65	18	0	32	0	0	0	0	0	0	889
	6,958	626	108	36	296	0	0	0	0	0	1	8,025
4DD	401	417	582	103	21	4	4	4	4	0	6	1,538
	118	89	156	0	6	0	0	0	0	0	0	369
	519	507	739	103	27	4	4	4	4	0	6	1,909

Note (1) D; Domestic L; Livestock T; Total

(2) Marked "*" indicates the sub-drainage area which a part of surface water was allocated to the other sources because of the shortage of surface water.

Table 5.1. Source Allocation Plan for Rural Water Supply

Basin	Surface Water	Groundwater		Source Allocation Plan (m3/day)						Rock Catch	Pipeline	Total
		B.hole	S.well	Roof Catch	Small Dam	Sub-S Dam	Sand Dam	Rock Catch				
4DE	104	622	748	205	8	14	15	0	0	0	1,716	
	35	192	225	0	3	3	3	0	0	0	461	
	139	815	974	205	11	18	18	0	0	0	2,180	
4EA	6,615	1,008	705	218	369	4	1	0	0	60	8,980	
	1,662	270	228	0	101	1	0	0	0	0	2,262	
	8,277	1,278	934	218	470	6	2	0	0	60	11,245	
4EB*	13,410	801	241	106	650	1	1	0	0	1,050	16,260	
	3,216	129	88	0	159	0	0	0	0	0	3,592	
	16,626	931	330	106	809	1	1	0	0	1,050	19,854	
4EC	4,554	1,536	836	247	223	4	4	0	0	519	7,923	
	737	289	205	0	40	0	0	0	0	11	1,282	
	5,291	1,826	1,042	247	264	5	5	0	0	530	9,210	
4ED	241	1,814	2,796	765	28	86	74	56	0	674	6,534	
	121	781	1,348	0	16	45	39	0	0	36	2,386	
	363	2,595	4,144	765	44	131	113	56	0	711	8,922	
4FA	9,774	3,413	1,567	594	567	16	4	11	0	474	16,420	
	3,030	846	557	0	189	6	2	0	0	8	4,638	
	12,805	4,259	2,124	594	757	22	6	11	0	482	21,060	
4FB	2,431	3,619	2,461	562	147	46	15	36	0	362	9,679	
	1,067	1,442	1,062	0	72	25	11	0	0	25	3,704	
	3,498	5,062	3,524	562	220	71	26	36	0	387	13,386	
4GA	589	1,200	248	155	21	15	6	20	0	125	2,379	
	1,006	1,726	1,004	0	25	28	24	0	0	9	3,822	
	1,596	2,927	1,252	155	47	44	31	20	0	134	6,206	
4GB	68	197	409	69	0	3	0	31	0	27	804	
	233	501	955	0	1	17	9	0	0	2	1,718	
	302	698	1,365	69	1	20	9	31	0	29	2,524	

Note (1) D: Domestic L: Livestock T: Total

(2) Marked "*" indicates the sub-drainage area which a part of surface water was allocated to the other sources because of the shortage of surface water.

Table 5.1 Source Allocation Plan for Rural Water Supply

Basin	Surface Water	Groundwater		Source Allocation Plan (m ³ /day)							Rock Catch	Pipeline	Total
		B.hole	S.well	Roof Catch	Small Dam	Sub-S Dam	Sand Dam						
4GC	D 38	22	64	10	0	0	0	0	0	0	0	0	134
	L 108	59	147	0	0	1	1	1	1	1	0	0	316
	T 146	81	212	10	0	2	2	2	2	2	0	0	453
4GD	D 235	203	542	118	0	4	4	4	4	4	26	54	1,186
	L 473	281	829	0	1	12	12	12	12	12	0	4	1,612
	T 708	484	1,371	118	1	16	16	16	16	16	26	58	2,798
4GE	D 200	703	1,691	511	3	48	48	48	48	48	38	225	3,467
	L 434	631	1,448	0	11	34	34	34	34	34	0	1	2,591
	T 635	1,335	3,139	511	15	83	83	83	83	83	38	226	6,062
4GF	D 193	1,424	2,705	939	12	64	64	64	64	64	153	180	5,715
	L 455	1,140	2,400	0	24	55	55	55	55	55	43	23	4,140
	T 648	2,565	5,105	939	37	119	119	119	119	119	153	203	9,858
4GG	D 322	408	532	184	12	0	0	0	0	0	3	113	1,574
	L 564	673	957	0	28	2	2	2	2	2	0	4	2,230
	T 886	1,082	1,490	184	40	2	2	2	2	2	3	118	3,808
4HA	D 450	2,062	4,652	1,033	76	133	133	133	133	133	111	990	9,638
	L 243	1,134	2,478	0	46	80	80	80	80	80	0	0	4,059
	T 694	3,197	7,130	1,033	122	213	213	213	213	213	111	990	13,699
4HB	D 17	267	491	190	0	5	5	5	5	5	96	10	1,081
	L 40	309	452	0	1	19	19	19	19	19	0	1	836
	T 58	577	944	190	2	24	24	24	24	24	96	12	1,922
4HC	D 2	73	50	29	0	0	0	0	0	0	8	0	162
	L 0	159	106	0	0	6	6	6	6	6	0	0	277
	T 3	232	157	29	0	6	6	6	6	6	8	0	441
4JA	D 18	88	192	32	0	1	1	1	1	1	0	1	333
	L 79	332	719	0	0	9	9	9	9	9	6	0	1,145
	T 97	420	912	32	0	11	11	11	11	11	7	1	1,480

Note (1) D: Domestic L: Livestock T: Total

(2) Marked "*" indicates the sub-drainage area which a part of surface water was allocated to the other sources because of the shortage of surface water.

Table 5.1 Source Allocation Plan for Rural Water Supply

Basin	Surface Water	Groundwater		Roof Catch	Small Dam	Sub-S Dam	Sand Dam	Rock Catch	Pipeline	Total
		B.hole	S.well							
4JB	0	126	136	44	0	0	0	0	0	306
L	0	489	502	0	0	0	0	0	0	991
T	0	615	639	44	0	0	0	0	0	1,298
4KA	3	95	280	67	0	0	1	0	0	446
L	14	355	1,038	0	0	2	4	0	0	1,413
T	18	451	1,319	67	0	3	5	0	0	1,863
4KB	8	350	486	172	0	0	1	0	200	1,217
L	17	838	1,504	0	0	1	5	0	0	2,365
T	26	1,188	1,990	172	1	1	6	0	200	5,584

Note (1) D : Domestic L : Livestock T : Total

(2) Marked "*" indicates the sub-drainage area which a part of surface water was allocated to the other sources because of the shortage of surface water.

Table 5.1 Source Allocation Plan for Rural Water Supply

Basin	Surface Water	Groundwater		Source Allocation Plan (m ³ /day)							Rock Catch	Pipeline	Total
		B.hole	S.well	Roof Catch	Small Dam	Sub-S Dam	Sand Dam						
5AA	D 3,684	2,503	29	231	354	12	7	0	0	0	6,820		
	L 3,928	2,052	23	0	423	17	13	0	0	0	6,456		
	T 7,612	4,556	53	231	778	30	21	0	0	0	13,281		
5AB	D 1,102	397	67	15	77	0	0	1	0	0	1,659		
	L 937	250	8	0	80	1	1	0	0	0	1,277		
	T 2,040	647	75	15	158	2	2	1	0	0	2,940		
5AC*	D 253	810	33	98	37	8	8	0	0	0	1,247		
	L 614	1,647	85	0	96	16	16	0	0	0	2,474		
	T 867	2,457	119	98	134	25	25	0	0	0	3,725		
5AD	D 74	182	12	29	7	1	1	0	0	0	306		
	L 129	446	23	0	18	4	4	0	0	0	624		
	T 203	628	35	29	25	6	6	0	0	0	932		
5BA*	D 466	0	0	0	21	0	0	0	0	0	487		
	L 219	0	0	0	10	0	0	0	0	0	229		
	T 686	0	0	0	31	0	0	0	0	0	717		
5BB	D 1,027	27	0	0	42	0	0	0	0	0	1,096		
	L 256	2	0	0	10	0	0	0	0	0	268		
	T 1,283	29	0	0	53	0	0	0	0	0	1,365		
5BC	D 1,439	253	131	43	74	1	1	1	0	0	1,943		
	L 850	284	285	0	71	4	4	0	0	0	1,498		
	T 2,289	537	416	43	145	5	5	1	0	0	3,441		
5BD	D 405	170	49	19	29	0	0	0	0	0	672		
	L 405	191	53	0	41	1	1	0	0	0	692		
	T 811	362	103	19	71	2	2	0	0	0	1,370		
5BE	D 278	874	129	121	20	15	6	0	0	0	1,443		
	L 321	513	326	0	42	9	5	0	0	0	1,216		
	T 599	1,387	456	121	63	24	11	0	0	0	2,661		

Note (1) D; Domestic L; Livestock T; Total

(2) Marked "*" indicates the sub-drainage area which a part of surface water was allocated to the other sources because of the shortage of surface water.

Table 5.1 Source Allocation Plan for Rural Water Supply

Basin	Surface Water	Groundwater		Roof Catch	Small Dam		Sub-S Dam		Sand Dam	Rock Catch	Pipeline	Total
		B.hole	S.well		Dam	Dam	Dam	Dam				
5CA	D 184	462	261	109	23	7	6	14	1	1,067		
	L 602	1,352	771	0	86	24	28	0	0	2,863		
	T 786	1,814	1,032	109	109	32	35	14	2	3,933		
5CB	D 1	153	235	81	0	0	0	67	0	537		
	L 4	635	966	0	0	11	32	0	0	1,648		
	T 5	789	1,201	81	0	12	32	67	0	2,187		
5CC	D 41	154	288	74	1	3	1	37	0	599		
	L 139	564	1,079	0	7	17	19	0	0	1,825		
	T 181	718	1,368	74	8	20	21	37	0	2,427		
5DA	D 951	1,417	72	166	60	17	5	4	183	2,875		
	L 931	1,152	184	0	63	14	8	0	5	2,357		
	T 1,883	2,570	257	166	124	32	14	4	188	5,238		
5DB	D 195	134	187	67	14	5	1	5	0	608		
	L 578	292	457	0	68	10	2	0	0	1,407		
	T 774	426	645	67	83	15	4	5	0	2,019		
5DC	D 45	155	152	46	6	3	2	1	0	410		
	L 133	410	405	0	23	8	6	0	0	985		
	T 179	565	558	46	29	11	8	1	0	1,397		
5DD	D 4	20	47	37	0	0	0	123	0	231		
	L 17	267	458	0	1	7	6	0	0	756		
	T 22	287	505	37	1	7	6	123	0	988		
5EA	D 0	418	1,313	211	0	21	41	0	0	2,004		
	L 0	1,435	4,677	0	0	93	144	0	0	6,349		
	T 0	1,853	5,990	211	0	114	185	0	0	8,353		
5EB	D 6	476	660	149	0	22	33	0	0	1,346		
	L 81	3,421	4,057	0	0	172	203	0	0	7,934		
	T 87	3,898	4,717	149	0	194	236	0	0	9,281		

Note (1) D : Domestic L : Livestock T : Total

(2) Marked "*" indicates the sub-drainage area which a part of surface water was allocated to the other sources because of the shortage of surface water.

Table 5.1 Source Allocation Plan for Rural Water Supply

Basin	Surface Water	Groundwater		Source Allocation Plan (m3/day)						Rock Catch	Pipeline	Total
		B.hole	S.well	Roof Catch	Small Dam	Sub-S Dam	Sand Dam					
SEC	D 51	602	396	141	3	9	12	59	103	1,376		
	L 601	5,245	2,642	0	58	93	235	0	104	8,978		
	T 653	5,848	3,039	141	61	102	248	59	207	10,358		
SED	D 3,713	5,573	579	690	176	80	43	73	470	11,397		
	L 3,737	5,192	5,936	0	114	93	281	0	4	15,357		
	T 7,451	10,766	6,516	690	290	173	324	73	475	26,758		
SFA	D 78	543	814	138	1	17	9	6	0	1,606		
	L 497	2,066	3,380	0	1	65	46	0	0	6,055		
	T 576	2,609	4,195	138	3	82	56	6	0	7,665		
SFB	D 0	64	106	17	0	1	7	0	0	195		
	L 0	184	301	0	0	5	18	0	0	508		
	T 0	249	407	17	0	7	25	0	0	705		
SGA	D 1	466	1,608	247	0	38	75	0	0	2,435		
	L 9	1,911	6,716	0	0	156	289	0	0	9,081		
	T 11	2,377	8,324	247	0	195	365	0	0	11,519		
SGB	D 82	77	312	35	0	8	12	0	0	526		
	L 412	321	1,293	0	0	31	49	0	0	2,106		
	T 495	398	1,606	35	0	39	62	0	0	2,635		
SH	D 106	163	479	62	0	9	22	0	1	842		
	L 528	679	2,022	0	0	42	93	0	0	3,364		
	T 634	843	2,501	62	0	52	116	0	1	4,209		
SJ	D 30	562	571	162	5	24	28	57	101	1,540		
	L 432	5,343	4,672	0	75	204	232	0	157	11,115		
	T 463	5,905	5,243	162	80	228	260	57	259	12,657		

Note (1) D: Domestic L: Livestock T: Total

(2) Marked "" indicates the sub-drainage area which a part of surface water was allocated to the other sources because of the shortage of surface water.

APPENDIX M.6

NUMBERS OF PROPOSED FACILITIES BY SUB-DRAINAGE AREA

Table 6.1 Numbers of Proposed Facilities for Rural Water Supply

Sub-Drainage Area		Numbers of Facilities (nos.)						
		Groundwater B.hole	S.well	Roof Catch	Small Dam	S.surface Dam	Sand Dam	Rock Catch
1AA	D	8	219	0	0	0	0	0
	L	0	23	0	0	0	0	0
	T	8	242	0	0	0	0	0
1AB	D	8	147	0	0	0	0	0
	L	0	13	0	0	0	0	0
	T	8	160	0	0	0	0	0
1AC	D	6	141	0	0	0	0	0
	L	0	13	0	0	0	0	0
	T	6	154	0	0	0	0	0
1AD	D	11	216	0	0	1	1	0
	L	1	26	0	0	0	0	0
	T	12	242	0	0	1	1	0
1AE	D	7	126	0	0	1	0	0
	L	0	11	0	0	0	0	0
	T	7	137	0	0	1	0	0
1AF	D	22	371	0	0	0	0	0
	L	2	42	0	0	0	0	0
	T	24	413	0	0	0	0	0
1AG	D	21	383	0	0	0	0	0
	L	1	31	0	0	0	0	0
	T	22	414	0	0	0	0	0
1AH	D	60	723	8,361	0	2	2	0
	L	7	108	0	0	0	0	0
	T	67	831	8,361	0	2	2	0
1BA	D	5	153	2,173	0	0	0	0
	L	9	129	0	0	0	0	0
	T	14	282	2,173	0	0	0	0
1BB	D	3	92	510	0	0	0	3
	L	0	30	0	0	0	0	0
	T	3	122	510	0	0	0	3
1BC	D	11	169	1,704	0	0	0	0
	L	2	50	0	0	0	0	0
	T	13	219	1,704	0	0	0	0
1BD	D	1	12	0	0	0	0	1
	L	0	0	0	0	0	0	0
	T	1	12	0	0	0	0	1
1BE	D	6	66	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	6	66	0	0	0	0	0
1BG	D	5	62	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	5	62	0	0	0	0	0

Note, D; Domestic L; Livestock T; Total

Table 6.1 Numbers of Proposed Facilities for Rural Water Supply

Sub-Drainage Area		Numbers of Facilities (nos.)						
		Groundwater B.hole	S.well	Roof Catch	Small Dam	S.surface Dam	Sand Dam	Rock Catch
IBH	D	7	64	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	7	64	0	0	0	0	0
ICA	D	1	3	0	0	0	0	0
	L	0	3	0	0	0	0	0
	T	1	6	0	0	0	0	0
ICB	D	13	9	0	0	0	0	0
	L	5	4	0	0	0	0	0
	T	18	13	0	0	0	0	0
ICC	D	0	1	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	0	1	0	0	0	0	0
ICD	D	1	31	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	1	31	0	0	0	0	0
ICE	D	0	14	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	0	14	0	0	0	0	0
IDA	D	6	97	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	6	97	0	0	0	0	0
IDB	D	7	127	0	0	0	0	3
	L	0	0	0	0	0	0	0
	T	7	127	0	0	0	0	3
IDC	D	9	123	0	0	0	0	6
	L	0	1	0	0	0	0	0
	T	9	124	0	0	0	0	6
IDD	D	10	137	0	0	0	0	4
	L	0	3	0	0	0	0	0
	T	10	140	0	0	0	0	4
IEA	D	6	90	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	6	90	0	0	0	0	0
IEB	D	12	162	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	12	162	0	0	0	0	0
IEC	D	5	86	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	5	86	0	0	0	0	0
IED	D	3	62	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	3	62	0	0	0	0	0
IEE	D	29	429	386	0	0	0	0
	L	2	45	0	0	0	0	0
	T	31	474	386	0	0	0	0

Note, D; Domestic L; Livestock T; Total

Table 6.1 Numbers of Proposed Facilities for Rural Water Supply

Sub-Drainage Area		Numbers of Facilities (nos.)						
		Groundwater B.hole	S.well	Roof Catch	Small Dam	S.surface Dam	Sand Dam	Rock Catch
1EF	D	32	761	9,186	0	0	0	0
	L	6	165	0	0	0	0	0
	T	38	926	9,186	0	0	0	0
1EG	D	42	725	2,055	0	0	0	0
	L	4	91	0	0	0	0	0
	T	46	816	2,055	0	0	0	0
1FA	D	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	0	0	0	0	0	0	0
1FB	D	1	25	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	1	25	0	0	0	0	0
1FC	D	2	34	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	2	34	0	0	0	0	0
1FD	D	1	26	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	1	26	0	0	0	0	0
1FE	D	20	408	0	1	0	0	0
	L	0	1	0	0	0	0	0
	T	20	409	0	1	0	0	0
1FF	D	11	310	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	11	310	0	0	0	0	0
1FG	D	55	961	9,745	0	0	0	0
	L	10	207	0	0	0	0	0
	T	65	1,168	9,745	0	0	0	0
1GA	D	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	0	0	0	0	0	0	0
1GB	D	2	43	144	0	0	0	0
	L	0	2	0	0	0	0	0
	T	2	45	144	0	0	0	0
1GC	D	1	3	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	1	3	0	0	0	0	0
1GD	D	12	194	5,910	0	0	0	0
	L	3	64	0	0	0	0	0
	T	15	258	5,910	0	0	0	0
1GE	D	6	69	1,195	0	0	0	0
	L	0	21	0	0	0	0	0
	T	6	90	1,195	0	0	0	0
1GF	D	16	72	1,081	0	0	0	0
	L	3	22	0	0	0	0	0
	T	19	94	1,081	0	0	0	0

Note, D; Domestic L; Livestock T; Total

Table 6.1 Numbers of Proposed Facilities for Rural Water Supply

Sub-Drainage Area		Numbers of Facilities (nos.)						
		Groundwater		Roof Catch	Small Dam	S.surface Dam	Sand Dam	Rock Catch
		B.hole	S.well					
1GG	D	0	1	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	0	1	0	0	0	0	0
1HA	D	24	328	9,312	0	0	0	0
	L	6	104	0	0	0	0	0
	T	30	432	9,312	0	0	0	0
1HB	D	74	843	20,753	0	0	0	6
	L	21	257	0	0	0	0	0
	T	95	1,100	20,753	0	0	0	6
1HC	D	26	274	11,915	0	0	0	6
	L	14	115	0	0	0	0	0
	T	40	389	11,915	0	0	0	6
1HD	D	41	672	9,615	1	4	4	0
	L	4	56	0	0	0	0	0
	T	45	728	9,615	1	4	4	0
1HE	D	40	686	9,973	0	2	2	0
	L	3	61	0	0	0	0	0
	T	43	747	9,973	0	2	2	0
1HF	D	27	185	14,104	0	0	0	0
	L	4	33	0	0	0	0	0
	T	31	218	14,104	0	0	0	0
1HG	D	9	65	6,446	0	0	0	0
	L	2	17	0	0	0	0	0
	T	11	82	6,446	0	0	0	0
1JA	D	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	0	0	0	0	0	0	0
1JB	D	0	1	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	0	1	0	0	0	0	0
1JC	D	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	0	0	0	0	0	0	0
1JD	D	4	6	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	4	6	0	0	0	0	0
1JE	D	19	142	28	0	0	0	0
	L	2	22	0	0	0	0	0
	T	21	164	28	0	0	0	0
1JF	D	14	68	0	0	0	0	0
	L	0	4	0	0	0	0	0
	T	14	72	0	0	0	0	0
1JG	D	16	131	1,802	0	0	0	0
	L	3	22	0	0	0	0	0
	T	19	153	1,802	0	0	0	0

Note, D; Domestic L; Livestock T; Total

Table 6.1 Numbers of Proposed Facilities for Rural Water Supply

Sub-Drainage Area		Groundwater		Numbers of Facilities (nos.)				
		B.hole	S.well	Roof Catch	Small Dam	S.surface Dam	Sand Dam	Rock Catch
IKA	D	17	223	481	0	0	0	0
	L	0	4	0	0	0	0	0
	T	17	227	481	0	0	0	0
IKB	D	195	1,856	32,517	3	5	5	0
	L	26	294	0	0	1	1	0
	T	221	2,150	32,517	3	6	6	0
IKC	D	111	958	39,975	1	5	5	0
	L	79	1,005	0	1	2	2	0
	T	190	1,963	39,975	2	7	7	0
ILA1	D	21	76	0	0	0	0	0
	L	2	10	0	0	0	0	0
	T	23	86	0	0	0	0	0
ILA2	D	7	86	4,774	0	0	0	0
	L	17	215	0	0	0	0	0
	T	24	301	4,774	0	0	0	0
ILA3	D	4	114	4,937	0	0	0	0
	L	13	321	0	0	2	2	0
	T	17	435	4,937	0	2	2	0
ILB1	D	40	100	1,343	0	0	0	0
	L	11	61	0	0	0	0	0
	T	51	161	1,343	0	0	0	0
ILB2	D	6	85	5,074	0	0	0	0
	L	20	277	0	0	2	2	0
	T	26	362	5,074	0	2	2	0

Note, D; Domestic L; Livestock T; Total

Table 6.1 Numbers of Proposed Facilities for Rural Water Supply

Sub-Drainage Area		Numbers of Facilities (nos.)						
		Groundwater		Roof Catch	Small Dam	S.surface Dam	Sand Dam	Rock Catch
		B.hole	S.well					
2AA	D	6	40	3,200	0	1	1	0
	L	60	354	0	0	8	11	0
	T	66	394	3,200	0	9	12	0
2AB	D	12	134	7,333	0	2	4	0
	L	151	1,562	0	0	28	43	0
	T	163	1,696	7,333	0	30	47	0
2BA	D	8	233	7,447	0	1	0	0
	L	3	103	0	0	0	0	0
	T	11	336	7,447	0	1	0	0
2BB	D	5	149	5,999	0	0	0	0
	L	3	77	0	0	0	0	0
	T	8	226	5,999	0	0	0	0
2BC	D	21	312	9,727	0	2	1	0
	L	9	150	0	0	0	0	0
	T	30	462	9,727	0	2	1	0
2BD	D	17	213	9,684	0	2	2	0
	L	130	1,348	0	0	25	27	0
	T	147	1,561	9,684	0	27	29	0
2CA	D	3	18	1,500	0	0	0	0
	L	44	197	0	0	7	7	0
	T	47	215	1,500	0	7	7	0
2CB	D	44	114	9,340	0	1	0	0
	L	31	170	0	0	0	0	0
	T	75	284	9,340	0	1	0	0
2CC	D	34	298	17,161	0	3	2	1
	L	160	840	0	0	20	22	0
	T	194	1,138	17,161	0	23	24	1
2D	D	36	118	13,921	0	2	2	2
	L	128	650	0	0	11	11	0
	T	164	768	13,921	0	13	13	2
2EA	D	42	0	7,297	0	2	1	0
	L	41	0	0	0	1	0	0
	T	83	0	7,297	0	3	1	0
2EB	D	61	6	8,599	0	3	1	0
	L	53	5	0	0	2	0	0
	T	114	11	8,599	0	5	1	0
2EC	D	62	0	9,181	0	1	1	0
	L	96	0	0	0	2	2	0
	T	158	0	9,181	0	3	3	0
2ED	D	6	0	23	0	0	0	0
	L	0	0	0	0	0	0	0
	T	6	0	23	0	0	0	0
2EE	D	8	18	1,850	0	0	0	0
	L	6	17	0	0	0	0	0
	T	14	35	1,850	0	0	0	0

Note, D; Domestic L; Livestock T; Total

Table 6.1 Numbers of Proposed Facilities for Rural Water Supply

Sub-Drainage Area		Numbers of Facilities (nos.)						
		Groundwater B.hole	S.well	Roof Catch	Small Dam	S.surface Dam	Sand Dam	Rock Catch
2EF	D	4	6	731	0	0	0	0
	L	5	7	0	0	0	0	0
	T	9	13	731	0	0	0	0
2EG1	D	37	0	0	0	0	0	0
	L	4	0	0	0	0	0	0
	T	41	0	0	0	0	0	0
2EG2	D	12	34	2,972	0	0	0	0
	L	24	30	0	0	0	0	0
	T	36	64	2,972	0	0	0	0
2EH	D	6	24	1,921	0	0	0	0
	L	3	22	0	0	0	0	0
	T	9	46	1,921	0	0	0	0
2EJ	D	20	10	5,648	0	0	0	0
	L	43	10	0	0	1	1	0
	T	63	20	5,648	0	1	1	0
2EK	D	32	4	3,058	0	0	0	0
	L	57	4	0	0	1	1	0
	T	89	8	3,058	0	1	1	0
2FA	D	46	0	5,652	0	1	0	1
	L	42	23	0	0	1	0	0
	T	88	23	5,652	0	2	0	1
2FB	D	20	0	3,186	0	0	0	0
	L	18	0	0	0	0	0	0
	T	38	0	3,186	0	0	0	0
2FC	D	115	1	14,124	0	5	3	1
	L	107	0	0	1	4	2	0
	T	222	1	14,124	1	9	5	1
2GA	D	15	1	2,687	0	0	0	0
	L	10	28	0	0	0	0	1
	T	25	29	2,687	0	0	0	1
2GB	D	46	12	6,384	0	0	0	8
	L	24	28	0	0	0	0	0
	T	70	40	6,384	0	0	0	8
2GC	D	43	2	421	0	0	0	1
	L	5	8	0	0	0	0	0
	T	48	10	421	0	0	0	1
2GD	D	26	18	8,047	0	0	0	0
	L	35	163	0	0	2	1	0
	T	61	181	8,047	0	2	1	0
2H	D	81	105	19,382	0	2	1	3
	L	149	323	0	0	7	6	0
	T	230	428	19,382	0	9	7	3
2J	D	15	137	8,150	0	2	2	0
	L	189	1,623	0	0	28	31	0
	T	204	1,760	8,150	0	30	33	0

Note. D; Domestic L; Livestock T; Total

Table 6.1 Numbers of Proposed Facilities for Rural Water Supply

Sub-Drainage Area		Numbers of Facilities (nos.)						
		Groundwater		Roof Catch	Small Dam	S.surface Dam	Sand Dam	Rock Catch
		B.hole	S.well					
2KA	D	88	102	14,083	0	2	2	0
	L	109	175	0	1	3	3	0
	T	197	277	14,083	1	5	5	0
2KB	D	12	23	3,840	0	0	0	0
	L	38	73	0	0	1	1	0
	T	50	96	3,840	0	1	1	0
2KC	D	3	50	2,999	0	0	0	0
	L	12	140	0	0	1	1	0
	T	15	190	2,999	0	1	1	0

Note, D ; Domestic L ; Livestock T ; Total

Table 6.1 Numbers of Proposed Facilities for Rural Water Supply

Sub-Drainage Area		Numbers of Facilities (nos.)						
		Groundwater B.hole	S.well	Roof Catch	Small Dam	S.surface Dam	Sand Dam	Rock Catch
3AA	D	8	1	606	0	0	0	0
	L	7	4	0	0	0	0	0
	T	15	5	606	0	0	0	0
3AB	D	4	11	1,689	0	0	0	0
	L	13	29	0	0	0	1	0
	T	17	40	1,689	0	0	1	0
3AC	D	3	15	1,225	0	0	0	0
	L	0	4	0	0	0	0	0
	T	3	19	1,225	0	0	0	0
3BA	D	15	0	1,358	1	0	0	0
	L	2	0	0	0	0	0	0
	T	17	0	1,358	1	0	0	0
3BB	D	3	0	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	3	0	0	0	0	0	0
3BC	D	14	0	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	14	0	0	0	0	0	0
3BD	D	3	0	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	3	0	0	0	0	0	0
3CB	D	5	3	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	5	3	0	0	0	0	0
3DA	D	24	306	13,642	0	3	1	1
	L	7	82	0	0	0	0	0
	T	31	388	13,642	0	3	1	1
3DB	D	15	244	9,458	0	1	1	0
	L	4	78	0	0	0	0	0
	T	19	322	9,458	0	1	1	0
3EA	D	23	477	10,291	1	11	3	2
	L	4	69	0	0	1	0	0
	T	27	546	10,291	1	12	3	2
3EB	D	40	555	17,565	0	6	3	0
	L	8	119	0	0	1	0	0
	T	48	674	17,565	0	7	3	0
3EC	D	37	433	17,652	0	5	4	0
	L	7	91	0	0	0	0	0
	T	44	524	17,652	0	5	4	0
3ED	D	10	188	5,652	0	2	2	0
	L	2	49	0	0	0	0	0
	T	12	237	5,652	0	2	2	0
3FA	D	92	1,056	55,000	0	14	12	8
	L	67	899	0	0	8	7	0
	T	159	1,955	55,000	0	22	19	8

Note, D; Domestic L; Livestock T; Total

Table 6.1 Numbers of Proposed Facilities for Rural Water Supply

Sub-Drainage Area		Numbers of Facilities (nos.)						
		Groundwater		Roof	Small	S.surface	Sand	Rock
		B.hole	S.well	Catch	Dam	Dam	Dam	Catch
3FB	D	13	253	15,181	0	2	2	0
	L	5	104	0	0	0	0	0
	T	18	357	15,181	0	2	2	0
3G	D	33	72	10,954	0	1	1	2
	L	72	114	0	0	3	3	0
	T	105	186	10,954	0	4	4	2
3HA	D	1	12	470	0	0	0	0
	L	1	12	0	0	0	0	0
	T	2	24	470	0	0	0	0
3HB	D	0	7	1,111	0	0	0	0
	L	1	13	0	0	0	0	0
	T	1	20	1,111	0	0	0	0
3HC	D	6	64	4,121	0	0	0	0
	L	1	15	0	0	0	0	0
	T	7	79	4,121	0	0	0	0
3HD1	D	2	28	3,750	0	0	0	0
	L	1	18	0	0	0	0	0
	T	3	46	3,750	0	0	0	0
3HD2	D	3	18	3,281	0	0	0	0
	L	0	3	0	0	0	0	0
	T	3	21	3,281	0	0	0	0
3J	D	8	25	2,839	0	0	0	0
	L	5	17	0	0	0	0	0
	T	13	42	2,839	0	0	0	0
3K	D	52	556	33,520	0	3	10	0
	L	23	250	0	0	1	3	0
	T	75	806	33,520	0	4	13	0
3LA	D	25	395	25,875	0	2	3	3
	L	12	203	0	0	0	0	0
	T	37	598	25,875	0	2	3	3
3LB	D	5	141	10,941	0	0	0	0
	L	3	76	0	0	0	0	0
	T	8	217	10,941	0	0	0	0
3MA	D	17	239	13,812	0	1	2	17
	L	14	195	0	0	0	1	0
	T	31	434	13,812	0	1	3	17
3MB	D	16	148	14,476	0	0	1	0
	L	13	139	0	0	0	0	0
	T	29	287	14,476	0	0	1	0
3MC	D	8	66	5,333	0	0	0	0
	L	5	41	0	0	0	0	0
	T	13	107	5,333	0	0	0	0
3MD1	D	46	608	35,250	0	2	0	0
	L	14	205	0	0	0	0	0
	T	60	813	35,250	0	2	0	0

Note, D; Domestic L; Livestock T; Total

Table 6.1 Numbers of Proposed Facilities for Rural Water Supply

Sub-Drainage Area		Numbers of Facilities (nos.)						
		Groundwater		Roof Catch	Small Dam	S.surface Dam	Sand Dam	Rock Catch
		B.hole	S.well					
3MD2	D	6	66	3,454	0	0	0	0
	L	4	25	0	0	0	0	0
	T	10	91	3,454	0	0	0	0
3N	D	5	78	4,619	0	0	0	2
	L	17	196	0	0	1	2	0
	T	22	274	4,619	0	1	2	2

Note, D; Domestic L; Livestock T; Total

Table 6.1 Numbers of Proposed Facilities for Rural Water Supply

Sub-Drainage Area		Numbers of Facilities (nos.)						
		Groundwater B.hole	S.well	Roof Catch	Small Dam	S.surface Dam	Sand Dam	Rock Catch
4AA	D	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	0	0	0	0	0	0	0
4AB	D	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	0	0	0	0	0	0	0
4AC	D	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	0	0	0	0	0	0	0
4AD	D	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	0	0	0	0	0	0	0
4BA	D	2	18	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	2	18	0	0	0	0	0
4BB	D	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	0	0	0	0	0	0	0
4BC	D	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	0	0	0	0	0	0	0
4BD	D	7	4	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	7	4	0	0	0	0	0
4BE	D	0	5	145	0	0	0	0
	L	0	1	0	0	0	0	0
	T	0	6	145	0	0	0	0
4BF	D	6	5	90	0	0	0	0
	L	0	0	0	0	0	0	0
	T	6	5	90	0	0	0	0
4BG	D	4	93	3,968	0	0	0	0
	L	1	23	0	0	0	0	0
	T	5	116	3,968	0	0	0	0
4CA	D	26	0	0	0	0	0	0
	L	1	0	0	0	0	0	0
	T	27	0	0	0	0	0	0
4CB	D	5	0	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	5	0	0	0	0	0	0
4CC	D	13	245	7,516	0	1	1	0
	L	2	65	0	0	0	0	0
	T	15	310	7,516	0	1	1	0
4DA	D	2	11	333	0	0	0	0
	L	0	2	0	0	0	0	0
	T	2	13	333	0	0	0	0

Note, D; Domestic L; Livestock T; Total

Table 6.1 Numbers of Proposed Facilities for Rural Water Supply

Sub-Drainage Area		Groundwater		Numbers of Facilities (nos.)				
		B.hole	S.well	Roof Catch	Small Dam	S.surface Dam	Sand Dam	Rock Catch
4DB	D	12	13	739	0	0	0	0
	L	1	2	0	0	0	0	0
	T	13	15	739	0	0	0	0
4DC	D	12	18	947	0	0	0	0
	L	1	3	0	0	0	0	0
	T	13	21	947	0	0	0	0
4DD	D	11	116	2,942	0	0	0	0
	L	2	31	0	0	0	0	0
	T	13	147	2,942	0	0	0	0
4DE	D	11	149	6,833	0	1	1	0
	L	3	45	0	0	0	0	0
	T	14	194	6,833	0	1	1	0
4EA	D	24	141	6,812	1	0	0	0
	L	6	45	0	0	0	0	0
	T	30	186	6,812	1	0	0	0
4EB	D	18	48	2,650	1	0	0	0
	L	3	17	0	0	0	0	0
	T	21	65	2,650	1	0	0	0
4EC	D	38	167	6,675	0	0	0	0
	L	7	41	0	0	0	0	0
	T	45	208	6,675	0	0	0	0
4ED	D	38	559	28,333	0	8	7	9
	L	16	269	0	0	4	3	0
	T	54	828	28,333	0	12	10	9
4EA	D	91	313	21,214	1	1	0	1
	L	22	111	0	0	0	0	0
	T	113	424	21,214	1	1	0	1
4EB	D	98	491	26,761	0	4	1	8
	L	39	212	0	0	2	1	0
	T	137	703	26,761	0	6	2	8
4GA	D	26	47	8,157	0	1	0	5
	L	38	190	0	0	2	2	0
	T	64	237	8,157	0	3	2	5
4GB	D	5	76	3,833	0	0	0	8
	L	13	179	0	0	1	0	0
	T	18	255	3,833	0	1	0	8
4GC	D	0	12	526	0	0	0	0
	L	1	27	0	0	0	0	0
	T	1	39	526	0	0	0	0
4GD	D	5	99	4,916	0	0	0	4
	L	7	152	0	0	1	1	0
	T	12	251	4,916	0	1	1	4
4GE	D	17	302	17,033	0	4	4	5
	L	15	259	0	0	3	3	0
	T	32	561	17,033	0	7	7	5

Note: D; Domestic L; Livestock T; Total

Table 6.1 Numbers of Proposed Facilities for Rural Water Supply

Sub-Drainage Area		Numbers of Facilities (nos.)						
		Groundwater		Roof Catch	Small Dam	S.surface Dam	Sand Dam	Rock Catch
		B.hole	S.well					
4GF	D	36	492	28,454	0	6	4	20
	L	29	436	0	0	5	4	0
	T	65	928	28,454	0	11	8	20
4GG	D	8	96	5,935	0	0	0	0
	L	14	173	0	0	0	0	0
	T	22	269	5,935	0	0	0	0
4HA	D	51	923	41,319	0	13	13	20
	L	28	492	0	0	8	7	0
	T	79	1,415	41,319	0	21	20	20
4HB	D	4	93	5,757	0	0	0	12
	L	4	85	0	0	1	1	0
	T	8	178	5,757	0	1	1	12
4HC	D	1	9	906	0	0	0	1
	L	2	20	0	0	0	0	0
	T	3	29	906	0	0	0	1
4JA	D	2	35	1,600	0	0	0	0
	L	9	134	0	0	0	0	0
	T	11	169	1,600	0	0	0	0
4JB	D	1	26	1,692	0	0	0	0
	L	6	98	0	0	0	0	0
	T	7	124	1,692	0	0	0	0
4KA	D	2	54	2,392	0	0	0	0
	L	9	203	0	0	0	0	0
	T	11	257	2,392	0	0	0	0
4KB	D	8	96	5,548	0	0	0	0
	L	20	299	0	0	0	0	0
	T	28	395	5,548	0	0	0	0

Note, D ; Domestic L ; Livestock T ; Total

Table 6.1 Numbers of Proposed Facilities for Rural Water Supply

Sub-Drainage Area		Groundwater		Numbers of Facilities (nos.)				
		B.hole	S.well	Roof Catch	Small Dam	S.surface Dam	Sand Dam	Rock Catch
5AA	D	66	4	5,775	1	1	0	0
	L	54	3	0	1	1	1	0
	T	120	7	5,775	2	2	1	0
5AB	D	10	7	365	0	0	0	0
	L	6	0	0	0	0	0	0
	T	16	7	365	0	0	0	0
5AC	D	21	5	2,969	0	0	0	0
	L	43	14	0	0	1	1	0
	T	64	19	2,969	0	1	1	0
5AD	D	4	2	783	0	0	0	0
	L	12	4	0	0	0	0	0
	T	16	6	783	0	0	0	0
5BA	D	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	0	0	0	0	0	0	0
5BB	D	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0
	T	0	0	0	0	0	0	0
5BC	D	5	24	955	0	0	0	0
	L	6	53	0	0	0	0	0
	T	11	77	955	0	0	0	0
5BD	D	4	8	463	0	0	0	0
	L	5	8	0	0	0	0	0
	T	9	16	463	0	0	0	0
5BE	D	23	25	3,102	0	1	0	0
	L	13	65	0	0	0	0	0
	T	36	90	3,102	0	1	0	0
5CA	D	15	35	3,406	0	0	0	1
	L	45	106	0	0	2	2	0
	T	60	141	3,406	0	2	2	1
5CB	D	7	46	2,793	0	0	0	9
	L	30	190	0	0	1	3	0
	T	37	236	2,793	0	1	3	9
5CC	D	6	56	2,242	0	0	0	4
	L	24	213	0	0	1	1	0
	T	30	269	2,242	0	1	1	4
5DA	D	38	14	5,533	0	1	0	0
	L	31	36	0	0	1	0	0
	T	69	50	5,533	0	2	0	0
5DB	D	4	37	1,810	0	0	0	0
	L	9	91	0	0	1	0	0
	T	13	128	1,810	0	1	0	0
5DC	D	4	26	1,352	0	0	0	0
	L	12	71	0	0	0	0	0
	T	16	97	1,352	0	0	0	0

Note, D; Domestic L; Livestock T; Total

Table 6.1 Numbers of Proposed Facilities for Rural Water Supply

Sub-Drainage Area		Numbers of Facilities (nos.)						
		Groundwater		Roof Catch	Small Dam	S.surface Dam	Sand Dam	Rock Catch
		B.hole	S.well					
SDD	D	1	9	1,057	0	0	0	14
	L	15	91	0	0	0	0	0
	T	16	100	1,057	0	0	0	14
SEA	D	14	241	11,105	0	2	4	0
	L	51	859	0	0	9	14	0
	T	65	1,100	11,105	0	11	18	0
SEB	D	12	117	7,450	0	2	3	0
	L	90	719	0	0	17	20	0
	T	102	836	7,450	0	19	23	0
SEC	D	13	64	7,050	0	0	1	12
	L	118	427	0	0	9	23	0
	T	131	491	7,050	0	9	24	12
SED	D	161	99	34,500	0	8	4	16
	L	150	1,022	0	0	9	28	0
	T	311	1,121	34,500	0	17	32	16
SFA	D	12	141	8,117	0	1	0	1
	L	47	587	0	0	6	4	0
	T	59	728	8,117	0	7	4	1
SFB	D	3	18	1,133	0	0	0	0
	L	9	51	0	0	0	1	0
	T	12	69	1,133	0	0	1	0
SGA	D	12	321	13,722	0	3	7	0
	L	52	1,342	0	0	15	28	0
	T	64	1,663	13,722	0	18	35	0
SGB	D	3	62	2,333	0	0	1	0
	L	14	258	0	0	3	4	0
	T	17	320	2,333	0	3	5	0
SH	D	4	95	3,874	0	0	2	0
	L	17	404	0	0	4	9	0
	T	21	499	3,874	0	4	11	0
SJ	D	15	95	8,100	0	2	2	13
	L	151	781	0	0	20	23	0
	T	166	876	8,100	0	22	25	13

Note, D; Domestic L; Livestock T; Total

APPENDIX M.7

WATER EXPLOITATION COST BY SUB-DRAINAGE AREA

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Surface Water		Groundwater		Exploitation Cost (US\$)				Rock Catch	Pipeline	Total	Average W. cost (US\$/m ³)
	B.hole	S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam	Dam					
IAA	0	3,796	57,093	0	6,914	60	82	0	0	67,946	1,900	
	0	365	5,993	0	1,242	0	0	0	0	7,601	1,310	
	0	4,161	63,086	0	8,157	60	82	0	0	75,547	1,816	
IAB	0	4,920	38,317	0	7,812	0	0	0	0	51,050	1,427	
	0	408	3,489	0	1,193	0	0	0	0	5,091	0,970	
	0	5,329	41,807	0	9,006	0	0	0	0	56,142	1,567	
IAC	0	4,321	36,755	0	5,770	0	0	0	0	46,847	2,323	
	0	408	3,591	0	990	0	0	0	0	4,991	1,564	
	0	4,730	40,347	0	6,761	0	0	0	0	51,839	2,216	
IAD	0	5,095	56,516	0	5,721	131	136	0	0	67,601	2,421	
	0	598	6,876	0	1,193	0	0	0	0	8,668	1,605	
	0	5,694	63,393	0	6,914	131	136	0	0	76,270	2,286	
IAE	0	4,606	33,054	0	3,629	98	65	0	0	41,454	2,225	
	0	379	2,971	0	547	0	0	0	0	3,898	1,433	
	0	4,985	36,025	0	4,177	98	65	0	0	45,353	2,121	
IAF	0	11,198	96,776	0	14,065	38	54	0	0	122,132	2,495	
	0	1,197	10,942	0	2,786	0	0	0	0	14,926	1,696	
	0	12,395	107,718	0	16,852	38	54	0	0	137,059	2,370	
IAG	0	12,373	66,568	0	16,255	0	0	0	0	95,197	1,523	
	0	1,029	5,453	0	2,403	0	0	0	0	8,885	1,061	
	0	13,402	72,021	0	18,658	0	0	0	0	104,083	1,466	
IAH	0	36,952	189,223	2,135	18,861	257	350	0	0	247,780	2,232	
	0	4,401	28,462	0	3,230	16	27	0	0	36,138	2,086	
	0	41,354	217,686	2,135	22,091	273	377	0	0	283,918	2,212	
IBA	0	3,883	44,581	224	2,075	0	0	0	0	50,764	1,833	
	0	6,380	37,733	0	3,575	0	0	0	0	47,689	2,048	
	0	10,263	82,314	224	5,650	0	0	0	0	98,453	1,931	

Note. D: Domestic L: Livestock T: Total

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Surface Water	Groundwater		Exploitation Cost (US\$)							Total	Average W. cost (US\$/m ³)		
		B.hole	S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam	Rock Catch	Pipeline					
IBB	D	0	2,825	24,141	60	8,480	0	0	0	0	657	0	36,164	1,052
	L	0	547	7,920	0	5,633	0	0	0	0	0	0	14,101	0,793
	T	0	3,372	32,061	60	14,114	0	0	0	0	657	0	50,265	0,961
IBC	D	0	4,584	47,953	158	9,050	0	0	0	0	0	0	61,747	1,257
	L	0	1,065	14,256	0	3,027	0	0	0	0	0	0	18,350	1,114
	T	0	5,650	62,210	158	12,077	0	0	0	0	0	0	80,097	1,220
IBD	D	0	562	3,226	0	4,834	0	0	0	0	208	0	8,831	0,446
	L	0	0	0	0	3,055	0	0	0	0	0	0	3,055	0,345
	T	0	562	3,226	0	7,889	0	0	0	0	208	0	11,886	0,412
IBE	D	0	2,175	23,885	0	10,309	0	0	0	0	0	0	36,370	0,834
	L	0	0	0	0	4,380	0	0	0	0	0	0	4,380	0,329
	T	0	2,175	23,885	0	14,689	0	0	0	0	0	0	40,750	0,697
IBG	D	0	2,584	18,023	0	17,815	0	0	0	0	0	0	38,423	0,703
	L	0	0	0	0	5,321	0	0	0	0	0	0	5,321	0,396
	T	0	2,584	18,023	0	23,137	0	0	0	0	0	0	43,745	0,635
IBH	D	0	6,942	16,892	0	23,208	0	0	0	0	0	0	47,043	0,731
	L	0	0	0	0	4,484	0	0	0	0	0	0	4,484	0,417
	T	0	6,942	16,892	0	27,692	0	0	0	0	0	0	51,527	0,681
ICA	D	0	518	897	0	3,783	0	0	0	0	60	0	5,259	0,277
	L	0	153	1,116	0	3,509	0	0	0	0	0	0	4,779	0,393
	T	0	671	2,014	0	7,292	0	0	0	0	60	0	10,039	0,323
ICB	D	0	6,029	2,744	0	7,068	0	0	0	0	0	0	15,842	0,534
	L	0	2,409	1,233	0	5,381	0	0	0	0	0	0	9,024	0,426
	T	0	8,438	3,978	0	12,450	0	0	0	0	0	0	24,867	0,487
ICC	D	0	138	445	0	8,655	0	0	0	0	0	0	9,239	0,414
	L	0	7	167	0	4,626	0	0	0	0	0	0	4,801	0,397
	T	0	146	613	0	13,282	0	0	0	0	0	0	14,041	0,408

Note. D : Domestic L : Livestock T : Total

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Exploitation Cost (US\$)										Average W. cost (US\$/m ³)	
	Surface Water	B.hole	Groundwater S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam	Rock Catch	Pipeline	Total		
1CD	0	642	8,927	0	5,819	0	0	0	0	0	15,390	0.747
	0	0	0	0	3,482	0	0	0	0	0	3,482	0.313
	0	642	8,927	0	9,302	0	0	0	0	0	18,872	0.577
ICE	0	379	3,642	0	1,916	0	0	0	0	0	5,938	0.670
	0	0	0	0	821	0	0	0	0	0	821	0.228
	0	379	3,642	0	2,737	0	0	0	0	0	6,759	0.524
IDA	0	3,058	25,287	0	15,204	0	0	0	0	0	43,549	0.940
	0	0	0	0	3,279	0	0	0	0	0	3,279	0.375
	0	3,058	25,287	0	18,483	0	0	0	0	0	46,829	0.836
IDB	0	4,774	33,105	0	32,078	0	0	1,724	0	0	71,682	0.747
	0	0	0	0	5,305	0	0	0	0	0	5,305	0.410
	0	4,774	33,105	0	37,383	0	0	1,724	0	0	76,987	0.701
IDC	0	3,598	21,447	0	21,900	0	0	3,827	0	0	50,773	0.809
	0	43	167	0	3,969	0	0	0	0	0	4,181	0.553
	0	3,642	21,615	0	25,869	0	0	3,827	0	0	54,954	0.778
IDD	0	5,365	20,060	0	17,941	0	0	2,507	0	0	45,875	0.804
	0	277	525	0	2,978	0	0	0	0	0	3,781	0.558
	0	5,642	20,586	0	20,919	0	0	2,507	0	0	49,656	0.775
IEA	0	2,876	23,615	0	14,782	0	0	0	0	0	41,274	0.912
	0	0	0	0	1,642	0	0	0	0	0	1,642	0.359
	0	2,876	23,615	0	16,425	0	0	0	0	0	42,916	0.853
IEB	0	3,890	42,391	0	27,917	0	0	0	0	0	74,199	0.989
	0	0	0	0	2,655	0	0	0	0	0	2,655	0.400
	0	3,890	42,391	0	30,572	0	0	0	0	0	76,854	0.933
IEC	0	2,263	14,943	0	12,521	0	0	0	0	0	29,727	0.782
	0	0	0	0	1,231	0	0	0	0	0	1,231	0.351
	0	2,263	14,943	0	13,753	0	0	0	0	0	30,959	0.740

Note: D: Domestic L: Livestock T: Total

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Surface Water	Groundwater		Exploitation Cost (US\$)						Total	Average W. cost (US\$/m ³)	
		B.hole	S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam	Rock Catch	Pipeline			
IED	0	2,270	8,730	0	10,167	0	0	0	0	0	21,168	0.787
L	0	0	0	0	936	0	0	0	0	0	936	0.385
T	0	2,270	8,730	0	11,103	0	0	0	0	0	22,104	0.749
IEE	0	15,001	101,105	104	24,555	0	0	0	0	0	140,765	1.862
L	0	1,387	10,811	0	3,985	0	0	0	0	0	16,184	1.396
T	0	16,388	111,916	104	28,541	0	0	0	0	0	156,950	1.799
IEF	0	15,081	233,935	1,576	11,223	0	0	0	0	0	261,818	4.496
L	0	3,175	50,873	0	2,326	0	0	0	0	0	56,376	4.622
T	0	18,257	284,809	1,576	13,550	0	0	0	0	0	318,194	4.517
IEG	0	22,454	190,785	525	48,492	0	0	0	0	0	262,257	2.047
L	0	2,357	24,141	0	7,818	0	0	0	0	0	34,317	1.762
T	0	24,812	214,926	525	56,310	0	0	0	0	0	296,575	2.009
IFA	0	0	0	0	3,498	0	0	0	0	0	3,498	0.402
L	0	0	0	0	1,965	0	0	0	0	0	1,965	0.416
T	0	0	0	0	5,464	0	0	0	0	0	5,464	0.406
IFB	0	715	6,723	0	7,298	0	0	0	0	0	14,736	0.768
L	0	0	0	0	3,098	0	0	0	0	0	3,098	0.416
T	0	715	6,723	0	10,397	0	0	0	0	0	17,835	0.660
IFC	0	876	8,913	0	6,750	0	0	0	0	0	16,539	0.845
L	0	0	0	0	2,551	0	0	0	0	0	2,551	0.392
T	0	876	8,913	0	9,302	0	0	0	0	0	19,091	0.717
IFD	0	511	7,519	0	11,267	0	0	0	0	0	19,297	0.395
L	0	0	0	0	4,150	0	0	0	0	0	4,150	0.264
T	0	511	7,519	0	15,417	0	0	0	0	0	23,447	0.360
IFE	0	10,161	106,521	0	60,975	0	0	0	0	0	177,658	0.986
L	0	21	416	0	8,551	0	0	0	0	0	8,989	0.395
T	0	10,183	106,937	0	69,527	0	0	0	0	0	186,648	0.909

Note: D: Domestic L: Livestock T: Total

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Surface Water		Groundwater		Exploitation Cost (US\$)				Total	Average W. cost (US\$/m ³)		
	D	L	B.hole	S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam			Rock Catch	Pipeline
1FF	0	0	5,876	80,818	0	45,579	0	0	0	0	132,274	0.941
	0	0	7	204	0	4,445	0	0	0	0	4,657	0.372
	0	0	5,883	81,022	0	50,025	0	0	0	0	136,931	0.887
1FG	0	0	28,659	342,793	1,691	27,714	0	0	0	0	400,859	3.553
	0	0	5,475	73,912	0	6,433	0	0	0	0	85,820	3.541
	0	0	34,134	416,705	1,691	34,147	0	0	0	0	486,680	3.550
1GA	0	0	36	299	0	4,292	0	0	0	0	4,628	0.254
	0	0	0	0	0	1,472	0	0	0	0	1,472	0.231
	0	0	36	299	0	5,765	0	0	0	0	6,100	0.248
1GB	0	0	1,233	15,446	38	7,982	0	0	0	0	24,701	0.609
	0	0	36	730	0	2,688	0	0	0	0	3,454	0.313
	0	0	1,270	16,176	38	10,670	0	0	0	0	28,156	0.539
1GC	0	0	700	897	0	14,612	0	0	0	0	16,211	0.295
	0	0	36	0	0	6,903	0	0	0	0	6,940	0.311
	0	0	737	897	0	21,516	0	0	0	0	23,151	0.300
1GD	0	0	6,511	129,122	1,762	9,356	0	0	0	0	146,753	2.508
	0	0	1,803	42,821	0	4,275	0	0	0	0	48,900	2.319
	0	0	8,314	171,944	1,762	13,632	0	0	0	0	195,654	2.457
1GE	0	0	3,620	37,222	399	7,462	0	0	0	0	48,705	1.257
	0	0	547	11,453	0	3,432	0	0	0	0	15,434	0.987
	0	0	4,168	48,676	399	10,895	0	0	0	0	64,139	1.178
1GF	0	0	9,198	71,116	399	5,743	0	0	0	0	86,457	2.686
	0	0	2,058	21,688	0	3,443	0	0	0	0	27,190	1.933
	0	0	11,256	92,804	399	9,187	0	0	0	0	113,648	2.454
1GG	0	0	109	365	0	6,290	0	0	0	0	6,765	0.296
	0	0	0	0	0	2,266	0	0	0	0	2,266	0.281
	0	0	109	365	0	8,557	0	0	0	0	9,031	0.292

Note. D: Domestic L: Livestock T: Total

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Surface Water	Groundwater		Exploitation Cost (US\$)						Pipeline	Total	Average W. cost (US\$/m ³)
		B.hole	S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam	Rock Catch				
IHA	D 0	16,468	186,288	2,951	25,245	0	0	0	0	0	230,953	2.039
	L 0	4,321	59,341	0	6,871	0	0	0	0	0	70,534	2.380
	T 0	20,790	245,630	2,951	32,116	0	0	0	0	0	301,488	2.109
IHB	D 0	42,361	297,226	4,867	18,938	0	0	0	3,339	0	366,733	2.831
	L 0	12,366	90,636	0	4,812	0	0	0	0	0	107,815	3.373
	T 0	54,728	387,863	4,867	23,750	0	0	0	3,339	0	474,549	2.937
IHC	D 0	14,950	96,418	2,053	2,458	0	0	0	2,332	0	118,212	3.719
	L 0	7,957	40,449	0	1,363	0	0	0	0	0	49,769	4.140
	T 0	22,907	136,867	2,053	3,821	0	0	0	2,332	0	167,982	3.831
IHD	D 0	21,600	249,718	1,998	37,334	481	657	0	0	0	311,790	2.213
	L 0	2,131	20,863	0	5,305	16	27	0	0	0	28,344	1.443
	T 0	23,732	270,581	1,998	42,639	498	684	0	0	0	340,134	2.117
IHE	D 0	24,090	204,056	2,781	31,749	257	350	0	0	0	263,285	1.794
	L 0	2,160	18,359	0	4,484	5	10	0	0	0	25,020	1.247
	T 0	26,250	222,416	2,781	36,233	262	361	0	0	0	288,306	1.727
IHF	D 0	14,110	156,490	3,131	6,219	49	65	0	0	0	180,067	5.009
	L 0	2,160	27,922	0	990	0	0	0	0	0	31,074	6.190
	T 0	16,271	184,412	3,131	7,210	49	65	0	0	0	211,141	5.151
IHG	D 0	4,993	40,215	1,352	1,095	0	0	0	0	0	47,656	3.745
	L 0	1,102	10,577	0	147	0	0	0	0	0	11,827	4.976
	T 0	6,095	50,793	1,352	1,242	0	0	0	0	0	59,484	3.933
IJA	D 0	189	0	0	15,121	0	0	0	0	0	15,311	0.516
	L 0	21	0	0	7,046	0	0	0	0	0	7,068	0.534
	T 0	211	0	0	22,168	0	0	0	0	0	22,379	0.521
IJB	D 0	51	423	0	11,179	0	0	0	0	0	11,654	0.525
	L 0	0	0	0	3,827	0	0	0	0	0	3,827	0.491
	T 0	51	423	0	15,006	0	0	0	0	0	15,481	0.516

Note. D: Domestic L: Livestock T: Total

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Surface Water	Groundwater		Exploitation Cost (US\$)				Pipeline	Total	Average W. cost (US\$/m ³)	
		B.hole	S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam				Rock Catch
IJC	D	0	211	0	0	6,843	0	0	0	7,055	0.441
	L	0	0	0	0	2,737	0	0	0	2,737	0.441
	T	0	211	0	0	9,581	0	0	0	9,792	0.441
IJD	D	0	2,686	1,737	0	10,539	0	0	0	14,963	0.490
	L	0	0	0	0	3,832	0	0	0	3,832	0.366
	T	0	2,686	1,737	0	14,371	0	0	0	18,795	0.456
IJE	D	0	8,533	37,171	5	25,836	0	0	0	71,547	1.276
	L	0	1,204	5,891	0	10,123	0	0	0	17,218	0.887
	T	0	9,738	43,062	5	35,959	0	0	0	88,766	1.171
IJF	D	0	7,884	19,199	0	47,013	0	0	0	74,096	0.648
	L	0	248	1,284	0	17,930	0	0	0	19,463	0.493
	T	0	8,132	20,483	0	64,944	0	0	0	93,560	0.606
IJG	D	0	9,636	61,896	574	14,596	16	27	0	86,747	1.847
	L	0	1,795	10,796	0	3,465	0	0	0	16,058	1.341
	T	0	11,431	72,693	574	18,062	16	27	0	102,805	1.743
IKA	D	0	8,460	63,057	153	28,283	0	0	0	99,955	1.040
	L	0	175	1,233	0	3,892	0	0	0	5,301	0.446
	T	0	8,635	64,291	153	32,176	0	0	0	105,256	0.967
IKB	D	0	104,579	597,921	11,727	135,610	574	782	0	851,196	1.820
	L	0	14,110	94,841	0	23,208	109	153	0	132,423	1.687
	T	0	118,690	692,762	11,727	158,818	684	936	0	983,620	1.801
IKC	D	0	65,218	342,975	12,685	32,800	607	826	0	455,114	3.072
	L	0	46,559	360,130	0	30,473	202	279	0	437,645	3.754
	T	0	111,777	703,106	12,685	63,274	810	1,105	0	892,760	3.370
ILA1	D	0	11,913	26,703	0	23,153	0	0	0	61,770	1.136
	L	0	1,664	3,766	0	13,736	0	0	0	19,167	0.706
	T	0	13,578	30,470	0	36,890	0	0	0	80,938	0.983

Note. D: Domestic L: Livestock T: Total

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Surface Water	Groundwater		Exploitation Cost (US\$)						Total	Average W. cost (US\$/m ³)	
		B.hole	S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam	Rock Catch	Pipeline			
1LA2	D	0	31,981	886	3,202	5	10	0	0	0	40,102	2,942
	L	0	79,365	0	9,225	27	38	0	0	0	98,475	3,444
	T	0	111,346	886	12,428	32	49	0	0	0	138,577	3,281
1LA3	D	0	32,287	552	574	87	125	0	0	0	36,038	3,598
	L	0	90,520	0	2,124	213	290	0	0	0	100,177	4,172
	T	0	122,807	552	2,699	301	416	0	0	0	136,216	4,001
1LB1	D	0	40,609	295	18,111	38	38	0	0	0	79,978	1,313
	L	0	24,820	0	14,552	49	65	0	0	0	45,575	1,078
	T	0	65,429	295	32,663	87	104	0	0	0	125,554	1,215
1LB2	D	0	26,338	733	1,209	82	109	0	0	0	31,473	3,418
	L	0	85,891	0	4,609	202	279	0	0	0	100,955	4,244
	T	0	112,230	733	5,819	284	388	0	0	0	132,429	4,010

Note. D: Domestic L: Livestock T: Total

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Surface Water		Groundwater		Roof Catch		Small Dam		S. surface Dam		Sand Dam		Rock Catch	Pipeline	Total	Average W. cost (US\$/m ³)
	B.hole	S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam	Roof Catch	Small Dam	S. surface Dam	Sand Dam						
2AA	D	0	2,752	14,782	60	0	98	180	0	0	0	0	0	0	17,874	4,614
	L	0	26,236	129,509	0	0	914	1,582	0	0	0	0	0	0	158,242	5,101
	T	0	28,988	144,291	60	0	1,012	1,762	0	0	0	0	0	0	176,116	5,045
2AB	D	0	5,066	49,391	114	0	268	558	0	0	0	0	0	0	55,399	5,567
	L	0	59,115	574,020	0	0	2,940	6,033	0	0	0	0	0	0	642,109	6,153
	T	0	64,181	623,412	114	0	3,208	6,591	0	0	0	0	0	0	697,509	6,102
2BA*	D	0	4,416	67,043	536	1,182	142	38	0	0	0	0	0	0	73,359	3,636
	L	0	1,898	29,586	0	695	60	10	0	0	0	0	0	0	32,251	3,793
	T	0	6,314	96,630	536	1,877	202	49	0	0	0	0	0	0	105,610	3,678
2BB*	D	0	2,803	49,209	301	520	49	0	0	0	0	0	0	0	52,883	4,167
	L	0	1,598	25,425	0	333	16	10	0	0	0	0	0	0	27,385	4,386
	T	0	4,401	74,635	301	854	65	10	0	0	0	0	0	0	80,268	4,233
2BC*	D	0	9,117	88,439	509	3,224	213	224	0	0	0	0	0	0	101,729	2,706
	L	0	4,044	42,559	0	1,609	87	93	0	0	0	0	0	0	48,393	2,908
	T	0	13,161	130,998	509	4,834	301	317	0	0	0	0	0	0	150,122	2,766
2BD	D	0	8,066	70,320	169	38	273	405	0	0	0	0	0	0	79,274	4,982
	L	0	60,575	444,686	0	1,220	2,589	3,887	0	0	0	0	0	0	512,960	4,717
	T	0	68,641	515,007	169	1,259	2,863	4,292	0	0	0	0	0	0	592,234	4,749
2CA	D	0	2,336	7,905	27	0	71	93	0	0	0	0	0	0	10,433	3,972
	L	0	26,404	86,687	0	0	761	1,034	0	0	0	0	0	0	114,887	4,156
	T	0	28,740	94,593	27	0	832	1,127	0	0	0	0	0	0	125,320	4,137
2CB*	D	0	24,900	63,502	897	5,978	153	82	0	0	0	0	120	0	95,635	1,757
	L	0	17,520	94,600	0	8,168	60	54	0	0	0	0	0	0	120,404	2,262
	T	0	42,420	158,103	897	14,147	213	136	0	0	0	0	120	0	216,039	2,006
2CC*	D	0	17,352	121,785	782	1,450	366	333	0	0	0	0	98	0	142,171	3,550
	L	0	79,876	343,465	0	2,923	2,064	3,115	0	0	0	0	0	0	431,444	4,136
	T	0	97,228	465,250	782	4,374	2,430	3,449	0	0	0	0	98	0	573,615	3,973

Note, D: Domestic L: Livestock T: Total

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Surface Water	Groundwater		Exploitation Cost (US\$)				Rock Catch	Pipeline	Total	Average W. cost (US\$/m ³)
		B.hole	S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam				
2D	0	15,950	64,305	980	377	213	317	284	0	82,429	3,800
	0	56,071	333,093	0	985	1,133	1,669	0	0	412,953	5,779
	0	72,021	417,399	980	1,363	1,346	1,987	284	0	495,383	5,315
2EA*	0	22,243	182	492	3,525	235	153	0	0	26,832	1,386
	0	21,374	116	0	4,374	191	93	0	0	26,150	1,448
	0	43,617	299	492	7,900	427	246	0	0	52,983	1,416
2EB*	0	30,127	3,569	520	4,730	350	164	0	0	39,461	1,473
	0	26,192	3,131	0	5,442	268	109	0	0	35,144	1,486
	0	56,319	6,701	520	10,172	618	273	0	0	74,606	1,478
2EC	0	25,885	299	865	5,266	191	262	93	0	32,864	0,695
	0	39,660	182	0	12,077	235	279	0	0	52,435	1,127
	0	65,546	481	865	17,344	427	542	93	0	85,300	0,910
2ED	0	4,073	0	0	2,222	0	0	0	0	6,296	0,363
	0	598	167	0	1,434	0	0	0	0	2,200	0,330
	0	4,672	167	0	3,657	0	0	0	0	8,497	0,353
2EE	0	4,920	7,957	142	607	27	27	0	0	13,682	1,863
	0	3,401	7,562	0	514	5	27	0	0	11,512	2,165
	0	8,322	15,519	142	1,122	32	54	0	0	25,194	1,985
2EF	0	2,102	6,358	60	673	5	10	0	0	9,210	1,251
	0	2,562	7,292	0	865	0	0	0	0	10,720	2,397
	0	4,664	13,651	60	1,538	5	10	0	0	19,930	1,682
2EG1	0	15,257	0	0	10,506	0	0	0	0	25,763	0,637
	0	1,927	51	0	10,254	0	0	0	0	12,232	0,532
	0	17,184	51	0	20,761	0	0	0	0	37,996	0,596
2EG2	0	5,840	27,375	197	908	71	65	0	0	34,457	2,166
	0	11,563	24,090	0	2,978	38	27	0	0	38,697	2,473
	0	17,405	51,465	197	3,887	109	93	0	0	73,155	2,318

Note. D : Domestic L : Livestock T : Total

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Surface Water	Groundwater		Exploitation Cost (US\$)				Rock Catch	Pipeline	Total	Average W. cost (US\$/m ³)
		B.hole	S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam				
2EH	0	3,241	11,745	131	574	27	38	0	0	15,758	2,214
	0	1,781	10,548	0	607	5	27	0	0	12,970	2,358
	0	5,022	22,294	131	1,182	32	65	0	0	28,729	2,277
2EJ*	0	10,497	10,110	372	1,368	87	125	0	0	22,562	2,153
	0	22,075	10,840	0	3,657	153	208	0	0	36,934	1,893
	0	32,572	20,951	372	5,026	240	333	0	0	59,496	1,975
2EK*	0	11,147	2,328	175	1,095	87	109	0	0	14,943	1,611
	0	19,571	2,255	0	2,398	142	180	0	0	24,548	1,591
	0	30,718	4,584	175	3,493	229	290	0	0	39,491	1,597
2FA	0	16,622	365	591	2,294	153	65	350	0	20,441	1,042
	0	15,476	8,818	0	2,699	164	93	0	0	27,250	1,749
	0	32,098	9,183	591	4,993	317	158	350	0	47,692	1,350
2FB	0	10,037	0	290	1,034	82	109	109	0	11,663	1,263
	0	9,417	0	0	1,439	60	82	0	0	10,999	1,336
	0	19,454	0	290	2,474	142	191	109	0	22,662	1,296
2FC	0	58,969	554	1,604	12,773	596	416	361	0	75,275	1,003
	0	54,903	277	0	16,167	459	333	0	0	72,142	1,218
	0	113,872	852	1,604	28,940	1,056	750	361	0	147,418	1,098
2GA	0	5,423	525	301	1,543	0	0	323	0	8,117	0,811
	0	3,555	14,264	0	1,511	38	10	0	0	19,379	2,670
	0	8,979	14,789	301	3,055	38	10	323	0	27,497	1,565
2GB	0	20,330	7,781	848	6,246	0	0	2,184	0	37,392	0,854
	0	10,738	18,490	0	7,982	27	27	0	0	37,266	1,391
	0	31,068	26,272	848	14,229	27	27	2,184	0	74,658	1,056
2GC	0	17,505	1,306	65	10,594	0	0	618	0	30,090	0,827
	0	2,000	4,080	0	6,372	0	0	0	0	12,453	0,810
	0	19,505	5,387	65	16,967	0	0	618	0	42,544	0,821

Note, D: Domestic L: Livestock T: Total

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Surface Water	Groundwater		Exploitation Cost (US\$)					Rock Catch	Pipeline	Total	Average W. cost (US\$/m ³)
		B.hole	S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam	Dam				
2GD	0	6,708	14,782	689	2,474	49	65	27	0	24,798	0.902	
	0	9,066	133,225	0	3,799	213	262	0	0	146,567	4.853	
	0	15,775	148,007	689	6,274	262	328	27	0	171,365	2.937	
2H	0	40,171	36,981	1,095	4,204	213	164	427	0	83,258	1.292	
	0	73,284	113,150	0	4,642	771	881	0	0	192,730	2.625	
	0	113,456	150,131	1,095	8,847	985	1,045	427	0	275,989	1.997	
2J	0	7,051	55,611	158	0	257	388	0	0	63,468	5.658	
	0	83,468	657,730	0	0	2,918	4,462	0	0	748,578	6.339	
	0	90,520	713,341	158	0	3,175	4,850	0	0	812,046	6.280	
2KA	0	44,172	44,062	2,469	9,679	268	361	0	0	101,013	1.270	
	0	54,406	75,051	0	16,912	366	487	0	0	147,224	1.311	
	0	98,579	119,114	2,469	26,592	635	848	0	0	248,238	1.294	
2KB	0	5,037	7,234	361	410	49	65	32	0	13,191	1.957	
	0	15,461	22,870	0	1,478	142	191	0	0	40,144	2.305	
	0	20,498	30,105	361	1,888	191	257	32	0	53,335	2.203	
2KC	0	2,044	14,600	197	114	38	54	0	0	17,049	3.311	
	0	7,241	40,704	0	448	120	164	0	0	48,680	4.087	
	0	9,285	55,304	197	563	158	219	0	0	65,729	3.849	
3AA	0	6,088	722	27	1,927	87	54	0	0	8,907	0.451	
	0	4,912	2,182	0	6,279	60	65	0	0	13,501	0.451	
	0	11,001	2,905	27	8,207	147	120	0	0	22,409	0.451	
3AB	0	2,379	3,022	71	158	16	82	27	0	5,757	1.163	
	0	7,285	7,716	0	793	60	180	0	0	16,036	1.570	
	0	9,665	10,738	71	952	76	262	27	0	21,794	1.434	
3AC	0	2,073	5,350	54	689	16	0	43	0	8,228	1.199	
	0	532	1,394	0	328	5	0	0	0	2,261	1.457	
	0	2,606	6,745	54	1,018	21	0	43	0	10,490	1.243	

Note, D: Domestic L: Livestock T: Total

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Surface Water	Groundwater		Exploitation Cost (US\$)				Rock Catch	Pipeline	Total	Average W. cost (US\$/m ³)
		B.hole	S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam				
3BA	0	19,009	0	98	14,448	0	0	87	0	33,643	0.292
L	0	2,861	0	0	3,005	0	0	0	0	5,867	0.427
T	0	21,870	0	98	17,454	0	0	87	0	39,511	0.307
3BB	0	1,255	0	0	8,174	0	0	98	0	9,528	0.276
L	0	51	0	0	1,127	0	0	0	0	1,178	0.338
T	0	1,306	0	0	9,302	0	0	98	0	10,707	0.282
3BC	0	6,555	0	0	11,678	0	0	186	0	18,419	0.280
L	0	102	0	0	1,894	0	0	0	0	1,996	0.346
T	0	6,657	0	0	13,572	0	0	186	0	20,416	0.286
3BD	0	2,007	0	0	13,211	0	0	71	0	15,289	0.320
L	0	80	0	0	1,527	0	0	0	0	1,607	0.336
T	0	2,087	0	0	14,738	0	0	71	0	16,897	0.321
3CB	0	3,452	1,153	0	13,605	0	0	0	0	18,211	0.412
L	0	65	58	0	1,483	0	0	0	0	1,607	0.376
T	0	3,518	1,211	0	15,089	0	0	0	0	19,819	0.409
3DA	0	11,972	79,986	525	3,668	339	235	65	0	96,792	2.565
L	0	3,460	21,374	0	1,571	82	38	0	0	26,526	2.950
T	0	15,432	101,360	525	5,239	421	273	65	0	123,318	2.638
3DB	0	6,248	74,759	262	459	180	153	0	0	82,064	5.038
L	0	1,898	24,148	0	164	38	27	0	0	26,276	5.641
T	0	8,146	98,907	262	624	219	180	0	0	108,341	5.165
3EA	0	11,519	124,567	295	8,606	1,166	531	82	0	146,768	2.039
L	0	2,372	18,038	0	2,934	142	54	0	0	23,542	1.729
T	0	13,891	142,605	295	11,541	1,308	585	82	0	170,310	1.988
3EB	0	17,622	144,795	465	4,631	700	547	0	0	168,763	3.425
L	0	3,671	31,127	0	1,494	109	82	0	0	36,485	3.343
T	0	21,294	175,922	465	6,126	810	629	0	0	205,248	3.409

Note: D: Domestic L: Livestock T: Total

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Surface Water	Groundwater		Exploitation Cost (US\$)						Rock Catch	Pipeline	Total	Average W. cost (US\$/m ³)
		B.hole	S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam	Dam					
3EC	D	0	21,527	143,320	470	3,766	563	585	0	0	170,235	3,742	
	L	0	4,277	30,353	0	1,155	82	82	0	0	35,950	3,742	
	T	0	25,805	173,674	470	4,922	646	667	0	0	206,186	3,740	
3ED	D	0	4,336	65,232	147	312	273	279	10	0	70,592	5,774	
	L	0	1,153	17,249	0	104	60	54	0	0	18,622	6,112	
	T	0	5,489	82,482	147	416	333	333	10	0	89,215	5,833	
3FA	D	0	47,763	365,058	1,324	3,219	1,483	1,752	235	0	420,837	4,100	
	L	0	34,543	310,673	0	2,228	821	1,078	0	0	349,345	5,177	
	T	0	82,307	675,751	1,324	5,447	2,304	2,830	235	0	770,182	4,526	
3FB	D	0	6,679	71,926	350	689	202	290	0	0	80,139	2,597	
	L	0	2,795	29,645	0	290	49	82	0	0	32,862	4,022	
	T	0	9,475	101,572	350	980	251	372	0	0	113,002	2,894	
3G	D	0	17,235	32,579	268	859	164	251	71	0	51,430	2,123	
	L	0	37,580	51,757	0	2,315	306	503	0	0	92,463	2,197	
	T	0	54,815	84,336	268	3,175	470	755	71	0	143,893	2,170	
3HA	D	0	1,284	3,423	21	104	5	10	0	0	4,850	1,560	
	L	0	1,394	3,474	0	125	5	10	0	0	5,011	2,280	
	T	0	2,679	6,898	21	229	10	21	0	0	9,862	1,851	
3HB	D	0	379	2,131	65	16	0	0	0	0	2,593	0,622	
	L	0	1,306	4,036	0	16	5	10	0	0	5,376	2,988	
	T	0	1,686	6,168	65	32	5	10	0	0	7,969	1,328	
3HC	D	0	3,876	20,191	224	142	16	93	0	0	24,544	3,232	
	L	0	883	4,745	0	16	0	0	0	0	5,644	4,052	
	T	0	4,759	24,936	224	158	16	93	0	0	30,189	3,356	
3HD1	D	0	1,715	10,767	240	125	0	0	0	0	12,849	1,099	
	L	0	970	7,117	0	38	0	0	0	0	8,126	3,982	
	T	0	2,686	17,885	240	164	0	0	0	0	20,976	1,522	

Note: D: Domestic L: Livestock T: Total

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Surface Water	Groundwater		Exploitation Cost (US\$)				Rock Catch	Pipeline	Total	Average W. cost (US\$/m ³)
		B.hole	S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam				
3HD2	D	0	6,521	164	186	16	109	0	0	13,616	2,228
	L	0	1,365	0	38	0	0	0	0	2,615	2,400
	T	0	8,183	164	224	16	109	0	0	16,231	2,243
3J	D	0	7,051	87	438	60	82	0	0	15,355	1,801
	L	0	4,818	0	525	27	38	0	0	10,628	1,635
	T	0	11,869	87	963	87	120	0	0	25,984	1,725
3K	D	0	56,589	3,843	1,680	339	1,401	120	0	221,480	2,843
	L	0	25,542	0	925	98	448	0	0	97,825	3,766
	T	0	82,132	3,843	2,606	438	1,850	120	0	319,305	3,072
3LA	D	0	14,264	2,036	312	268	416	448	0	129,604	2,758
	L	0	7,095	0	355	82	125	0	0	65,154	4,638
	T	0	21,359	2,036	667	350	542	448	0	194,758	3,187
3LB	D	0	3,657	618	21	0	0	0	0	44,834	1,858
	L	0	2,211	0	0	0	0	0	0	24,330	5,737
	T	0	5,869	618	21	0	0	0	0	69,165	2,433
3MA	D	0	6,562	695	399	109	306	1,494	0	77,903	3,648
	L	0	5,409	0	525	87	208	0	0	61,987	4,412
	T	0	11,972	695	925	197	514	1,494	0	139,891	3,947
3MB	D	0	7,854	1,270	0	5	153	0	0	60,245	2,343
	L	0	6,467	0	65	0	82	0	0	54,656	5,841
	T	0	14,322	1,270	65	5	235	0	0	114,902	3,269
3MC	D	0	5,679	542	180	5	54	0	0	27,508	2,185
	L	0	3,518	0	224	5	10	0	0	16,957	3,602
	T	0	9,198	542	405	10	65	0	0	44,466	2,566
3MD1	D	0	30,864	2,792	0	224	125	0	0	205,046	2,755
	L	0	9,278	0	0	38	10	0	0	66,997	5,547
	T	0	40,142	2,792	0	262	136	0	0	272,043	3,143

Note. D: Domestic L: Livestock T: Total

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Surface Water	Groundwater		Exploitation Cost (US\$)						Total	Average W. cost (US\$/m ³)
		B.hole	S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam	Rock Catch	Pipeline		
3MD2	D	0	17,359	333	164	87	54	0	0	21,876	2,353
	L	0	6,511	0	71	38	10	0	0	9,267	3,087
	T	0	23,871	333	235	125	65	0	0	31,143	2,527
3N	D	0	34,237	98	104	16	93	71	0	37,635	4,456
	L	0	86,140	0	799	98	388	0	0	96,442	4,773
	T	0	120,377	98	903	114	481	71	0	134,077	4,675

Note, D: Domestic L: Livestock T: Total

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Surface Water	Groundwater		Exploitation Cost (US\$)						Total	Average W. cost (US\$/m ³)	
		B.hole	S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam	Rock Catch	Pipeline			
4AA	0	0	0	0	7,369	0	0	0	0	0	7,369	0.304
	0	0	0	0	1,007	0	0	0	0	0	1,007	0.273
	0	0	0	0	8,376	0	0	0	0	0	8,376	0.300
4AB	0	481	0	0	3,044	0	0	0	0	120	3,646	0.307
	0	7	0	0	646	0	0	0	0	0	653	0.274
	0	489	0	0	3,690	0	0	0	0	120	4,299	0.301
4AC	0	270	0	0	16,523	0	0	0	0	0	16,793	0.373
	0	7	0	0	2,288	0	0	0	0	0	2,295	0.358
	0	277	0	0	18,812	0	0	0	0	0	19,089	0.371
4AD	0	401	58	0	24,632	0	0	0	0	0	25,091	0.470
	0	7	0	0	3,098	0	0	0	0	0	3,106	0.444
	0	408	58	0	27,730	0	0	0	0	0	28,198	0.467
4BA	0	1,022	5,051	0	25,792	0	0	0	0	0	31,866	0.576
	0	0	0	0	2,978	0	0	0	0	0	2,978	0.445
	0	1,022	5,051	0	28,771	0	0	0	0	0	34,844	0.561
4BB	0	0	0	0	10,178	0	0	0	0	0	10,178	0.374
	0	0	0	0	1,418	0	0	0	0	0	1,418	0.365
	0	0	0	0	11,596	0	0	0	0	0	11,596	0.373
4BC	0	292	0	0	10,462	0	0	0	0	0	10,754	0.436
	0	0	0	0	1,576	0	0	0	0	0	1,576	0.410
	0	292	0	0	12,039	0	0	0	0	0	12,331	0.433
4BD	0	3,730	1,175	0	135,232	0	0	0	0	0	140,138	1.683
	0	0	0	0	12,225	0	0	0	0	0	12,225	1.575
	0	3,730	1,175	0	147,458	0	0	0	0	0	152,363	1.674
4BE	0	430	1,511	16	58,489	0	0	0	0	0	60,447	0.826
	0	21	386	0	6,203	0	0	0	0	0	6,611	0.821
	0	452	1,898	16	64,692	0	0	0	0	0	67,059	0.825

Note. D: Domestic L: Livestock T: Total

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Surface Water		Groundwater		Exploitation Cost (US\$)				Total	Average W. cost (US\$/m ³)	
	B.hole	S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam	Rock Catch	Pipeline			
4BF	D	0	3,423	1,569	0	19,595	0	0	0	24,588	0.561
	L	0	21	167	0	2,622	0	0	0	2,812	0.494
	T	0	3,445	1,737	0	22,217	0	0	0	27,400	0.553
4BG	D	0	2,679	24,447	197	2,918	0	0	0	30,242	2.941
	L	0	686	6,044	0	728	0	0	0	7,458	2.867
	T	0	3,365	30,492	197	3,646	0	0	0	37,700	2.923
4CA	D	0	11,884	0	0	28,831	0	0	0	40,715	0.750
	L	0	854	0	0	6,871	0	0	0	7,725	0.798
	T	0	12,738	0	0	35,702	0	0	0	48,440	0.757
4CB	D	0	2,803	0	0	37,865	0	0	0	40,668	0.854
	L	0	0	0	0	3,646	0	0	0	3,646	0.827
	T	0	2,803	0	0	41,511	0	0	0	44,314	0.852
4CC	D	0	7,898	68,839	361	15,718	109	153	0	93,080	1.469
	L	0	1,657	18,469	0	2,381	16	27	0	22,551	2.192
	T	0	9,555	87,308	361	18,100	125	180	0	115,632	1.568
4DA	D	0	1,065	3,255	32	24,834	0	0	0	29,189	0.391
	L	0	51	781	0	3,832	0	0	0	4,664	0.402
	T	0	1,116	4,036	32	28,667	0	0	0	33,853	0.393
4DB	D	0	8,628	3,650	76	8,924	0	0	0	21,279	0.592
	L	0	730	671	0	1,259	0	0	0	2,660	0.531
	T	0	9,358	4,321	76	10,183	0	0	0	23,940	0.584
4DC	D	0	8,015	5,051	65	11,075	0	0	0	24,208	0.536
	L	0	927	1,007	0	1,346	0	0	0	3,281	0.575
	T	0	8,942	6,059	65	12,422	0	0	0	27,489	0.540
4DD	D	0	5,737	30,346	175	815	38	54	0	37,167	3.343
	L	0	1,219	8,132	0	229	0	0	0	9,581	3.585
	T	0	6,956	38,478	175	1,045	38	54	0	46,749	3.386

Note. D: Domestic L: Livestock T: Total

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Surface Water		Groundwater		Exploitation Cost (US\$)				Rock Catch	Pipeline	Total	Average W. cost (US\$/m ³)
	B.hole	S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam	Roof Catch					
4DE	0	9,453	38,996	306	257	142	208	0	0	49,364	3,965	
	0	2,920	11,731	0	93	27	38	0	0	14,809	4,416	
	0	12,373	50,727	306	350	169	246	0	0	64,174	4,055	
4EA	0	13,877	39,587	344	11,218	38	10	0	0	65,077	1,052	
	0	3,715	12,796	0	3,071	5	0	0	0	19,589	1,248	
	0	17,593	52,384	344	14,289	43	10	0	0	84,667	1,091	
4EB	0	10,825	13,526	208	20,930	5	10	0	0	45,508	0,443	
	0	1,737	4,934	0	5,119	0	0	0	0	11,791	0,515	
	0	12,563	18,461	208	26,050	5	10	0	0	57,299	0,456	
4EC	0	21,155	46,939	448	6,778	38	54	0	0	75,414	1,346	
	0	3,978	11,504	0	1,215	0	0	0	0	16,698	1,828	
	0	25,133	58,443	448	7,993	38	54	0	0	92,113	1,412	
4ED	0	26,484	145,788	1,023	728	886	1,034	542	0	176,488	3,730	
	0	11,402	70,284	0	416	459	547	0	0	83,110	4,799	
	0	37,887	216,072	1,023	1,144	1,346	1,582	542	0	259,598	4,015	
4FA	0	47,909	87,986	810	14,109	164	54	98	0	151,133	1,303	
	0	11,869	31,273	0	4,703	60	27	0	0	47,933	1,463	
	0	59,779	119,260	810	18,812	224	82	98	0	199,067	1,358	
4FB	0	55,034	138,188	585	3,093	470	208	240	0	197,822	2,821	
	0	21,929	59,633	0	1,511	257	153	0	0	83,484	3,111	
	0	76,963	197,822	585	4,604	728	361	240	0	281,307	2,901	
4GA	0	18,636	15,081	142	438	153	82	114	0	34,649	2,013	
	0	26,805	61,071	0	525	284	333	0	0	89,021	3,204	
	0	45,442	76,153	142	963	438	416	114	0	123,671	2,745	
4GB	0	2,817	24,878	60	0	27	0	186	0	27,969	4,781	
	0	7,168	58,093	0	16	175	125	0	0	65,579	5,237	
	0	9,986	82,971	60	16	202	125	186	0	93,549	5,088	

Note: D: Domestic L: Livestock T: Total

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Surface Water	Groundwater		Exploitation Cost (US\$)				Rock Catch	Sand Dam	Pipeline	Total	Average W. cost (US\$/m ³)
		B.hole	S.well	Roof Catch	Small Dam	S. surface Dam	Dam					
4GC	D	0	313	3,890	5	0	0	0	0	0	4,210	4,206
	L	0	839	8,942	0	0	5	10	0	0	9,796	4,250
	T	0	1,153	12,833	5	0	5	10	0	0	14,006	4,224
4GD	D	0	2,905	32,966	136	0	38	54	224	0	36,326	4,213
	L	0	4,015	50,428	0	16	120	164	0	0	54,744	4,661
	T	0	6,920	83,395	136	16	158	219	224	0	91,071	4,471
4GE	D	0	9,862	112,215	750	60	492	673	421	0	124,475	4,950
	L	0	8,854	96,089	0	229	350	448	0	0	105,974	5,621
	T	0	18,717	208,305	750	290	843	1,122	421	0	230,450	5,233
4GF	D	0	19,987	179,507	1,511	251	657	629	1,899	0	204,443	4,940
	L	0	16,001	159,271	0	503	563	602	0	0	176,942	5,873
	T	0	35,989	338,778	1,511	755	1,220	1,231	1,899	0	381,386	5,330
4GG	D	0	5,956	32,360	279	251	0	0	32	0	38,881	3,400
	L	0	9,825	58,217	0	585	16	27	0	0	68,672	4,231
	T	0	15,782	90,578	279	837	16	27	32	0	107,554	3,883
4HA	D	0	28,397	261,223	1,286	1,598	1,368	1,834	947	0	296,655	4,250
	L	0	15,614	139,145	0	963	821	1,095	0	0	157,639	5,353
	T	0	44,011	400,368	1,286	2,562	2,190	2,929	947	0	454,295	4,576
4HB	D	0	4,234	29,864	306	0	49	65	1,248	0	35,768	4,603
	L	0	4,898	27,491	0	16	191	191	0	0	32,789	5,395
	T	0	9,132	57,356	306	16	240	257	1,248	0	68,557	4,935
4HC	D	0	1,153	3,036	43	0	0	0	104	0	4,338	3,710
	L	0	2,518	6,445	0	0	60	82	0	0	9,106	4,527
	T	0	3,671	9,482	43	0	60	82	104	0	13,444	4,206
4JA	D	0	1,284	11,680	27	0	5	10	0	0	13,008	5,357
	L	0	4,847	43,734	0	0	87	82	0	0	48,751	5,839
	T	0	6,132	55,414	27	0	93	93	0	0	61,759	5,723

Note. D; Domestic L; Livestock T; Total

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Surface Water	Groundwater		Exploitation Cost (US\$)						Total	Average W. cost (US\$/m ³)	
		B.hole	S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam	Rock Catch	Pipeline			
4JB	D	0	2,044	7,635	54	0	0	0	0	0	9,734	4,366
	L	0	7,927	28,185	0	0	0	0	0	0	36,113	4,992
	T	0	9,971	35,821	54	0	0	0	0	0	45,847	4,841
4KA	D	0	1,357	15,716	87	0	0	10	0	0	17,173	5,285
	L	0	5,080	58,283	0	0	16	54	0	0	63,435	6,152
	T	0	6,438	74,000	87	0	16	65	0	0	80,608	5,931
4KB	D	0	5,007	25,338	262	0	0	10	0	0	30,619	3,457
	L	0	11,993	78,416	0	0	5	65	0	0	90,481	5,242
	T	0	17,001	103,754	262	0	5	76	0	0	121,101	4,633

Note, D: Domestic L: Livestock T: Total

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Surface Water	Groundwater		Exploitation Cost (US\$)				Rock Catch	Pipeline	Total	Average W. cost (US\$/m ³)
		B.hole	S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam				
SAA	D	0	2,109	459	7,752	120	93	0	0	45,670	0.974
	L	0	1,671	0	9,263	175	180	0	0	40,097	0.919
	T	0	3,781	459	17,016	295	273	0	0	85,767	0.947
SAB	D	0	6,110	27	1,686	0	0	10	0	13,302	1.146
	L	0	730	0	1,752	5	10	0	0	5,936	0.700
	T	0	6,840	27	3,438	5	10	10	0	19,239	0.951
SAC*	D	0	2,190	158	810	82	109	0	0	14,293	1.613
	L	0	5,635	0	2,102	164	224	0	0	30,384	1.728
	T	0	7,825	158	2,912	246	333	0	0	44,677	1.688
SAD	D	0	730	49	153	5	10	0	0	3,452	1.578
	L	0	1,394	0	394	38	54	0	0	8,020	1.796
	T	0	2,124	49	547	43	65	0	0	11,473	1.721
SBA*	D	0	0	0	635	0	0	0	0	635	0.238
	L	0	0	0	301	0	0	0	0	301	0.240
	T	0	0	0	936	0	0	0	0	936	0.238
SBB	D	0	357	0	1,527	0	0	0	0	1,885	0.299
	L	0	21	0	361	0	0	0	0	383	0.257
	T	0	379	0	1,888	0	0	0	0	2,268	0.291
SBC	D	0	7,351	93	1,839	5	10	16	0	12,937	0.958
	L	0	16,001	0	1,762	38	54	0	0	21,916	2.061
	T	0	23,552	93	3,602	43	65	16	0	34,853	1.438
SBD	D	0	2,978	38	657	0	0	0	0	6,009	1.272
	L	0	3,219	0	930	5	10	0	0	6,794	1.408
	T	0	6,197	38	1,587	5	10	0	0	12,804	1.335
SBE	D	0	6,723	229	454	153	82	0	0	20,403	1.966
	L	0	16,994	0	958	87	65	0	0	25,595	2.925
	T	0	23,717	229	1,412	240	147	0	0	45,999	2.403

Note. D; Domestic L; Livestock T; Total

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Surface Water	Groundwater		Exploitation Cost (US\$)						Rock Catch	Pipeline	Total	Average W. cost (US\$/m ³)
		B.hole	S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam	Catch					
SCA	D	0	5,526	17,315	169	481	71	82	169	0	23,816	3,099	
	L	0	16,176	51,165	0	1,806	246	388	0	0	69,784	3,378	
	T	0	21,702	68,481	169	2,288	317	470	169	0	93,600	3,300	
SCB	D	0	2,029	14,293	114	0	0	0	761	0	17,198	4,462	
	L	0	8,424	58,765	0	0	109	448	0	0	67,747	5,647	
	T	0	10,453	73,058	114	0	109	448	761	0	84,946	5,351	
SCC	D	0	1,752	17,520	114	16	27	10	459	0	19,901	4,599	
	L	0	6,431	65,634	0	142	175	262	0	0	72,645	5,467	
	T	0	8,183	83,154	114	158	202	273	459	0	92,547	5,246	
SDA	D	0	20,279	3,752	229	1,314	175	65	38	0	25,854	1,261	
	L	0	16,483	9,592	0	1,379	142	109	0	0	27,707	1,642	
	T	0	36,762	13,344	229	2,693	317	175	38	0	53,561	1,431	
SDB	D	0	1,810	9,745	120	306	49	10	71	0	12,114	2,771	
	L	0	3,942	23,827	0	1,489	98	27	0	0	29,384	2,913	
	T	0	5,752	33,572	120	1,795	147	38	71	0	41,498	2,865	
SDC	D	0	1,978	9,241	71	131	27	27	10	0	11,488	3,868	
	L	0	5,248	24,637	0	503	82	82	0	0	30,554	4,280	
	T	0	7,227	33,879	71	635	109	109	10	0	42,042	4,153	
SDD	D	0	233	2,635	60	0	0	0	1,642	0	4,571	3,048	
	L	0	3,139	25,717	0	21	71	82	0	0	29,032	5,271	
	T	0	3,372	28,353	60	21	71	82	1,642	0	33,603	4,746	
SEA	D	0	5,350	73,730	202	0	213	574	0	0	80,071	5,496	
	L	0	18,374	262,624	0	0	958	2,020	0	0	283,977	6,149	
	T	0	23,725	336,354	202	0	1,171	2,595	0	0	364,049	5,992	
SEB	D	0	5,986	40,150	147	0	224	459	0	0	46,968	4,808	
	L	0	43,055	246,798	0	0	1,773	2,847	0	0	294,474	5,111	
	T	0	49,041	286,948	147	0	1,998	3,306	0	0	341,442	5,066	

Note. D: Domestic L: Livestock T: Total

Table 7.1 Water Exploitation Cost for Rural Water Supply

Sub-Drainage Area	Surface Water	Groundwater		Exploitation Cost (US\$)				Rock Catch	Pipeline	Total	Average W. cost (US\$/m ³)	
		B.hole	S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam					
SEC	D	0	8,285	24,090	142	60	87	164	454	0	33,284	3,344
	L	0	72,240	160,716	0	1,220	958	3,295	0	0	238,432	3,666
	T	0	80,526	184,806	142	1,281	1,045	3,460	454	0	271,716	3,622
SED	D	0	78,234	35,222	689	3,701	821	602	558	0	119,829	1,466
	L	0	72,883	361,101	0	2,398	958	3,942	0	0	441,283	3,958
	T	0	151,117	396,324	689	6,099	1,779	4,544	558	0	561,112	2,896
SFA	D	0	7,621	49,515	109	16	175	125	38	0	57,602	4,927
	L	0	29,002	205,611	0	16	667	640	0	0	235,939	5,348
	T	0	36,624	255,127	109	32	843	766	38	0	293,542	5,257
SFB	D	0	730	7,029	10	0	5	93	0	0	7,869	5,554
	L	0	2,095	19,972	0	0	49	251	0	0	22,369	6,059
	T	0	2,825	27,002	10	0	54	344	0	0	30,238	5,902
SGA	D	0	6,803	90,293	224	0	388	1,051	0	0	98,761	5,587
	L	0	27,900	377,125	0	0	1,609	4,056	0	0	410,692	6,224
	T	0	34,704	467,419	224	0	1,998	5,108	0	0	509,454	6,088
SGB	D	0	1,335	16,264	21	0	82	164	0	0	17,868	4,677
	L	0	5,577	67,415	0	0	317	684	0	0	73,994	4,835
	T	0	6,913	83,679	21	0	399	848	0	0	91,863	4,798
SH	D	0	2,284	26,893	43	0	87	306	0	0	29,616	4,842
	L	0	9,526	113,536	0	0	432	1,303	0	0	124,798	5,106
	T	0	11,811	140,430	43	0	520	1,609	0	0	154,415	5,049
SJ	D	0	7,453	34,733	153	104	246	388	421	0	43,500	3,908
	L	0	70,912	284,210	0	1,576	2,102	3,252	0	0	362,054	4,491
	T	0	78,365	318,944	153	1,680	2,348	3,640	421	0	405,555	4,419

Note, D: Domestic L: Livestock T: Total

APPENDIX M.8

SOURCE ALLOCATION PLAN BY DISTRICT

Table 8.1 Source Allocation Plan by District

(Unit : m³/day)

Code	Water Source									Total
	Surface Water	Groundwater		Roof Catch	Small Dam	S. surface Dam	Sand Dam	Rock Catch	Pipeline	
110 D	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	0
T	0	0	0	0	0	0	0	0	0	0
210 D	39,127	2,726	83	135	2,169	0	0	30	16,360	60,630
L	5,949	286	8	0	333	0	0	0	21	6,597
T	45,076	3,012	91	135	2,502	0	0	30	16,381	67,227
220 D	23,036	758	76	40	973	0	0	0	977	25,860
L	3,779	58	14	0	154	0	0	0	0	4,005
T	26,815	816	90	40	1,127	0	0	0	977	29,865
230 D	52,242	1,031	474	82	2,819	0	0	0	458	57,106
L	5,734	19	79	0	305	0	0	0	0	6,137
T	57,976	1,050	553	82	3,124	0	0	0	458	63,243
240 D	16,155	6,917	255	545	1,160	0	0	164	380	25,576
L	10,186	1,855	49	0	881	0	0	0	51	13,022
T	26,341	8,772	304	545	2,041	0	0	164	431	38,598
250 D	34,264	163	58	0	1,473	0	0	0	51	36,009
L	4,969	0	0	0	200	0	0	0	0	5,169
T	39,233	163	58	0	1,673	0	0	0	51	41,178
310 D	765	3,957	6,123	3,195	30	51	55	0	9,449	23,625
L	237	1,255	2,371	0	8	8	7	0	39	3,925
T	1,002	5,212	8,494	3,195	38	59	62	0	9,488	27,550
320 D	1,566	5,038	4,775	2,720	101	49	133	0	3,071	17,453
L	921	2,639	2,529	0	65	17	49	0	75	6,295
T	2,487	7,677	7,304	2,720	166	66	182	0	3,146	23,748
330 D	0	652	777	259	0	0	0	0	299	1,987
L	0	1,203	1,442	0	0	0	0	0	0	2,645
T	0	1,855	2,219	259	0	0	0	0	299	4,632
340 D	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	0
T	0	0	0	0	0	0	0	0	0	0
350 D	1,971	1,310	1,481	551	74	25	25	174	838	6,449
L	1,876	1,167	1,468	0	96	22	22	0	87	4,738
T	3,847	2,477	2,949	551	170	47	47	174	925	11,187
360 D	948	918	1,906	541	21	15	15	40	97	4,501
L	2,100	1,852	3,779	0	65	47	47	0	30	7,920
T	3,048	2,770	5,685	541	86	62	62	40	127	12,421
410 D	14,378	3,120	2,668	638	646	23	23	0	555	22,051
L	2,176	596	710	0	102	3	3	0	12	3,602
T	16,554	3,716	3,378	638	748	26	26	0	567	25,653
420 D	301	545	673	155	2	8	25	61	12	1,782
L	3,736	5,949	7,507	0	46	113	332	0	10	17,693
T	4,037	6,494	8,180	155	48	121	357	61	22	19,475

Note; D : Domestic, L : Livestock, T : Total

Table 8.1 Source Allocation Plan by District

(Unit : m³/day)

Code	Water Source								Total	
	Surface Water	Groundwater B.hole	Groundwater S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam	Rock Catch		Pipeline
430 D	846	5,506	10,782	3,029	104	325	292	539	2,622	24,045
L	542	3,111	6,236	0	74	224	197	0	84	10,468
T	1,388	8,617	17,018	3,029	178	549	489	539	2,706	34,513
440 D	12,589	10,501	19,777	3,746	1,234	496	332	50	5,344	54,069
L	3,927	2,726	5,032	0	444	95	65	0	154	12,443
T	16,516	13,227	24,809	3,746	1,678	591	397	50	5,498	66,512
450 D	54	1,502	1,270	365	9	64	70	13	206	3,553
L	753	14,425	11,587	0	132	539	711	0	262	28,409
T	807	15,927	12,857	365	141	603	781	13	468	31,962
460 D	34,311	16,661	4,596	2,199	1,882	174	47	21	2,147	62,038
L	10,891	5,417	1,622	0	624	61	13	0	2	18,630
T	45,202	22,078	6,218	2,199	2,506	235	60	21	2,149	80,668
510 D	35	847	1,770	353	0	20	9	0	2	3,036
L	150	3,246	6,781	0	0	79	48	0	1	10,305
T	185	4,093	8,551	353	0	99	57	0	3	13,341
520 D	191	606	2,159	303	0	51	99	0	1	3,410
L	951	2,620	9,342	0	0	216	400	0	0	13,529
T	1,142	3,226	11,501	303	0	267	499	0	1	16,939
530 D	0	744	1,899	318	0	28	75	0	0	3,064
L	0	2,138	5,427	0	0	87	205	0	0	7,857
T	0	2,882	7,326	318	0	115	280	0	0	10,921
610 D	65,503	5,329	7,590	0	3,203	0	0	0	4,373	85,998
L	13,430	275	299	0	563	0	0	0	0	14,567
T	78,933	5,604	7,889	0	3,766	0	0	0	4,373	100,565
620 D	14,808	4,350	8,238	2,629	593	0	0	116	0	30,734
L	6,489	1,377	2,940	0	287	0	0	0	0	11,093
T	21,297	5,727	11,178	2,629	880	0	0	116	0	41,827
630 D	18,041	6,380	15,369	1,827	1,134	0	0	98	1,041	43,890
L	4,776	1,484	3,221	0	263	0	0	0	13	9,757
T	22,817	7,864	18,590	1,827	1,397	0	0	98	1,054	53,647
640 D	24,460	11,171	17,346	7,043	1,924	176	176	0	292	62,588
L	3,025	1,428	2,148	0	209	8	8	0	0	6,826
T	27,485	12,599	19,494	7,043	2,133	184	184	0	292	69,414
710 D	2,381	3,312	2,501	995	125	56	58	43	2,357	11,828
L	9,193	9,559	7,539	0	593	160	190	0	174	27,408
T	11,574	12,871	10,040	995	718	216	248	43	2,531	39,236
720 D	60,499	2,605	1,641	0	2,678	0	0	0	1,189	68,612
L	25,541	281	238	0	1,148	0	0	0	0	27,208
T	86,040	2,886	1,879	0	3,826	0	0	0	1,189	95,820
730 D	2,819	4,626	722	822	373	63	46	8	0	9,479
L	6,650	9,227	1,816	0	943	113	91	0	0	18,840
T	9,469	13,853	2,538	822	1,316	176	137	8	0	28,319

Note : D : Domestic, L : Livestock, T : Total

Table 8.1 Source Allocation Plan by District

(Unit : m3/day)

Code	Water Source									Total
	Surface Water	Groundwater B.hole	Groundwater S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam	Rock Catch	Pipeline	
740 D	18,557	14,086	298	2,629	1,547	166	98	72	11,058	48,511
L	19,604	14,484	2,694	0	1,925	182	117	0	1,762	40,768
T	38,161	28,570	2,992	2,629	3,472	348	215	72	12,820	89,279
750 D	13,271	6,889	6,433	3,911	900	86	79	0	279	31,848
L	25,717	11,730	13,201	0	1,954	151	139	0	77	52,969
T	38,988	18,619	19,634	3,911	2,854	237	218	0	356	84,817
760 D	19,082	456	1,015	0	781	0	0	35	410	21,779
L	6,529	0	0	0	268	0	0	0	0	6,797
T	25,611	456	1,015	0	1,049	0	0	35	410	28,576
770 D	16,940	129	101	0	693	0	0	18	1,838	19,719
L	11,335	0	0	0	466	0	0	0	0	11,801
T	28,275	129	101	0	1,159	0	0	18	1,838	31,520
810 D	4,246	3,907	1,588	1,081	209	50	37	7	1,759	12,884
L	3,932	3,067	1,574	0	210	30	26	0	51	8,890
T	8,178	6,974	3,162	1,081	419	80	63	7	1,810	21,774
820 D	6,769	1,751	3,475	503	272	15	0	9	1,193	13,987
L	9,895	1,730	4,028	0	455	24	0	0	207	16,339
T	16,664	3,481	7,503	503	727	39	0	9	1,400	30,326
830 D	31,085	481	1,679	0	1,130	0	0	0	375	34,750
L	12,211	0	0	0	414	0	0	0	0	12,625
T	43,296	481	1,679	0	1,544	0	0	0	375	47,375
840 D	240	1,174	1,607	529	15	17	18	375	6	3,981
L	909	4,702	6,544	0	86	112	155	0	2	12,510
T	1,149	5,876	8,151	529	101	129	173	375	8	16,491
850 D	289	1,871	2,956	690	3	102	127	16	6	6,060
L	3,781	22,265	34,948	0	64	1,157	1,417	0	0	63,632
T	4,070	24,136	37,904	690	67	1,259	1,544	16	6	69,692
860 D	3,077	1,522	4,456	961	129	49	25	0	0	10,219
L	1,588	692	2,095	0	75	20	10	0	0	4,480
T	4,665	2,214	6,551	961	204	69	35	0	0	14,699
910 D	46,022	2,867	5,728	0	2,210	0	0	258	977	58,062
L	8,921	167	409	0	425	0	0	0	0	9,922
T	54,943	3,034	6,137	0	2,635	0	0	258	977	67,984
920 D	18,134	4,956	10,319	1,082	899	62	53	0	1,420	36,925
L	3,860	645	1,643	0	162	5	4	0	0	6,319
T	21,994	5,601	11,962	1,082	1,061	67	57	0	1,420	43,244
930 D	96,625	3,166	7,478	0	3,462	0	0	0	891	111,622
L	12,226	0	0	0	365	0	0	0	0	12,591
T	108,851	3,166	7,478	0	3,827	0	0	0	891	124,213
Total D	695,627	144,530	162,142	43,876	34,977	2,171	1,917	2,147	72,333	1,159,720
L	248,489	133,675	151,320	0	14,404	3,473	4,256	0	3,114	558,731
T	944,116	278,205	313,462	43,876	49,381	5,644	6,173	2,147	75,447	1,718,451

Note; D : Domestic, L : Livestock, T : Total

APPENDIX M.9

NUMBERS OF PROPOSED FACILITIES BY DISTRICT

Table 9.1 Numbers of Proposed Facilities by District

(Unit : nos.)

Code	Water Source									Total
	Surface Water	Groundwater Borehole	Groundwater S. well	Roof Catch	Small Dam	S. surface Dam	Sand Dam	Rock Catch	Pipeline	
110 D	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	0
T	0	0	0	0	0	0	0	0	0	0
210 D	0	93	17	3,718	25	0	0	3	0	3,856
L	0	13	2	0	28	0	0	0	0	43
T	0	106	19	3,718	53	0	0	3	0	3,899
220 D	0	17	16	889	12	0	0	0	0	934
L	0	2	3	0	12	0	0	0	0	17
T	0	19	19	889	24	0	0	0	0	951
230 D	0	28	96	2,828	24	0	0	0	0	2,976
L	0	1	16	0	23	0	0	0	0	40
T	0	29	112	2,828	47	0	0	0	0	3,016
240 D	0	250	27	11,081	20	0	0	13	0	11,391
L	0	71	7	0	21	0	0	0	0	99
T	0	321	34	11,081	41	0	0	13	0	11,490
250 D	0	6	12	0	28	0	0	0	0	46
L	0	0	0	0	27	0	0	0	0	27
T	0	6	12	0	55	0	0	0	0	73
310 D	0	104	1,219	83,244	6	11	11	0	0	84,595
L	0	47	482	0	4	5	5	0	0	543
T	0	151	1,701	83,244	10	16	16	0	0	85,138
320 D	0	119	944	59,067	10	13	21	0	0	60,174
L	0	68	504	0	12	10	15	0	0	609
T	0	187	1,448	59,067	22	23	36	0	0	60,783
330 D	0	22	160	8,053	0	0	0	0	0	8,235
L	0	32	293	0	0	0	0	0	0	325
T	0	54	453	8,053	0	0	0	0	0	8,560
340 D	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	0
T	0	0	0	0	0	0	0	0	0	0
350 D	0	35	296	17,923	5	5	5	24	0	18,293
L	0	33	295	0	7	9	9	0	0	353
T	0	68	591	17,923	12	14	14	24	0	18,646
360 D	0	32	328	18,534	9	4	4	8	0	18,919
L	0	56	649	0	10	9	9	0	0	733
T	0	88	977	18,534	19	13	13	8	0	19,652
410 D	0	83	537	18,126	18	6	6	0	0	18,776
L	0	20	146	0	17	3	3	0	0	189
T	0	103	683	18,126	35	9	9	0	0	18,965
420 D	0	20	115	7,776	1	6	8	14	0	7,940
L	0	182	1,241	0	2	14	37	0	0	1,476
T	0	202	1,356	7,776	3	20	45	14	0	9,416

Note: D: Domestic, L: Livestock, T: Total

Table 9.1 Numbers of Proposed Facilities by District

(Unit : nos.)

Code	Water Source								Total	
	Surface	Groundwater		Roof	Small	S. surface	Sand	Rock		Pipeline
	Water	Borehole	S. well	Catch	Dam	Dam	Dam	Catch		
430 D	0	177	2,149	114,343	3	44	40	96	0	116,852
L	0	103	1,251	0	6	36	34	0	0	1,430
T	0	280	3,400	114,343	9	80	74	96	0	118,282
440 D	0	312	3,860	157,275	34	63	47	13	0	161,604
L	0	96	994	0	34	33	28	0	0	1,185
T	0	408	4,854	157,275	68	96	75	13	0	162,789
450 D	0	55	238	18,436	3	11	11	3	0	18,757
L	0	471	2,128	0	3	59	77	0	0	2,738
T	0	526	2,366	18,436	6	70	88	3	0	21,495
460 D	0	481	923	90,443	39	21	9	5	0	91,921
L	0	171	331	0	39	11	8	0	0	560
T	0	652	1,254	90,443	78	32	17	5	0	92,481
510 D	0	31	343	16,174	0	10	5	0	0	16,563
L	0	91	1,305	0	0	13	13	0	0	1,422
T	0	122	1,648	16,174	0	23	18	0	0	17,985
520 D	0	28	437	17,573	0	10	15	0	0	18,063
L	0	94	1,875	0	0	28	45	0	0	2,042
T	0	122	2,312	17,573	0	38	60	0	0	20,105
530 D	0	40	369	16,739	0	10	20	0	0	17,178
L	0	98	1,040	0	0	19	31	0	0	1,188
T	0	138	1,409	16,739	0	29	51	0	0	18,366
610 D	0	137	1,525	0	26	0	0	0	0	1,688
L	0	10	63	0	26	0	0	0	0	99
T	0	147	1,588	0	52	0	0	0	0	1,787
620 D	0	115	1,084	34,621	15	0	0	7	0	35,842
L	0	41	384	0	16	0	0	0	0	441
T	0	156	1,468	34,621	31	0	0	7	0	36,283
630 D	0	220	2,983	30,004	27	0	0	7	0	33,241
L	0	62	623	0	28	0	0	0	0	713
T	0	282	3,606	30,004	55	0	0	7	0	33,954
640 D	0	342	3,050	92,293	51	27	27	0	0	95,790
L	0	68	366	0	47	8	8	0	0	497
T	0	410	3,416	92,293	98	35	35	0	0	96,287
710 D	0	123	431	38,954	9	16	15	9	0	39,557
L	0	328	1,311	0	11	25	30	0	0	1,705
T	0	451	1,742	38,954	20	41	45	9	0	41,262
720 D	0	68	324	0	27	0	0	0	0	419
L	0	10	50	0	27	0	0	0	0	87
T	0	78	374	0	54	0	0	0	0	506
730 D	0	156	145	22,725	19	18	14	1	0	23,078
L	0	279	360	0	20	21	18	0	0	698
T	0	435	505	22,725	39	39	32	1	0	23,776

Note; D : Domestic, L : Livestock, T : Total

Table 9.1 Numbers of Proposed Facilities by District

(Unit : nos.)

Code	Water Source									Total
	Surface	Groundwater		Roof	Small	S. surface	Sand	Rock	Pipeline	
	Water	Borehole	S. well	Catch	Dam	Dam	Dam	Catch		
740 D	0	409	31	63,406	21	24	19	8	0	63,918
L	0	470	277	0	26	25	22	0	0	820
T	0	879	308	63,406	47	49	41	8	0	64,738
750 D	0	245	1,128	60,853	28	13	13	0	0	62,280
L	0	392	2,326	0	28	22	21	0	0	2,789
T	0	637	3,454	60,853	56	35	34	0	0	65,069
760 D	0	31	205	0	15	0	0	3	0	254
L	0	0	0	0	15	0	0	0	0	15
T	0	31	205	0	30	0	0	3	0	269
770 D	0	4	21	0	20	0	0	2	0	47
L	0	0	0	0	22	0	0	0	0	22
T	0	4	21	0	42	0	0	2	0	69
810 D	0	119	173	27,659	29	26	17	1	0	28,024
L	0	97	172	0	31	16	12	0	0	328
T	0	216	345	27,659	60	42	29	1	0	28,352
820 D	0	68	628	12,995	23	3	0	1	0	13,718
L	0	63	675	0	25	3	0	0	0	766
T	0	131	1,303	12,995	48	6	0	1	0	14,484
830 D	0	25	340	0	23	0	0	0	0	388
L	0	0	0	0	23	0	0	0	0	23
T	0	25	340	0	46	0	0	0	0	411
840 D	0	67	319	16,898	4	8	8	57	0	17,361
L	0	242	1,287	0	6	21	24	0	0	1,580
T	0	309	1,606	16,898	10	29	32	57	0	18,941
850 D	0	77	500	31,371	1	20	22	2	0	31,993
L	0	796	5,765	0	2	124	150	0	0	6,837
T	0	873	6,265	31,371	3	144	172	2	0	38,830
860 D	0	79	882	28,553	14	11	9	0	0	29,548
L	0	38	417	0	14	10	7	0	0	486
T	0	117	1,299	28,553	28	21	16	0	0	30,034
910 D	0	75	1,150	0	18	0	0	15	0	1,258
L	0	9	84	0	19	0	0	0	0	112
T	0	84	1,234	0	37	0	0	15	0	1,370
920 D	0	161	1,991	16,717	16	9	8	0	0	18,902
L	0	28	308	0	16	3	2	0	0	357
T	0	189	2,299	16,717	32	12	10	0	0	19,259
930 D	0	122	1,514	0	41	0	0	0	0	1,677
L	0	0	0	0	41	0	0	0	0	41
T	0	122	1,514	0	82	0	0	0	0	1,718
Total D	0	4,576	30,510	1,139,271	664	389	354	292	0	1,176,056
L	0	4,582	27,030	0	688	527	608	0	0	33,435
T	0	9,158	57,540	1,139,271	1,352	916	962	292	0	1,209,491

Note; D : Domestic, L : Livestock, T : Total

APPENDIX M.10

WATER EXPLOITATION COST BY DISTRICT

Table 10.1 Water Exploitation Cost by District

(Unit : 1,000 US\$)

Code		Water Source								Total	
		Surface Water	Groundwater B.hole	Groundwater S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam	Rock Catch		Pipeline
110	D	0	0	0	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0	0	0	0
	T	0	0	0	0	0	0	0	0	0	0
210	D	0	10,535	82	2,240	1,866	0	0	51	0	14,774
	L	0	1,067	8	0	295	0	0	0	0	1,370
	T	0	11,602	90	2,240	2,161	0	0	51	0	16,144
220	D	0	2,639	75	532	577	0	0	0	0	3,823
	L	0	221	13	0	84	0	0	0	0	318
	T	0	2,860	88	532	661	0	0	0	0	4,141
230	D	0	3,908	469	1,680	989	0	0	0	0	7,046
	L	0	73	78	0	108	0	0	0	0	259
	T	0	3,981	547	1,680	1,097	0	0	0	0	7,305
240	D	0	28,174	124	6,652	1,085	0	0	226	0	36,261
	L	0	7,426	24	0	862	0	0	0	0	8,312
	T	0	35,600	148	6,652	1,947	0	0	226	0	44,573
250	D	0	578	56	0	866	0	0	0	0	1,500
	L	0	0	0	0	111	0	0	0	0	111
	T	0	578	56	0	977	0	0	0	0	1,611
310	D	0	13,773	5,912	50,228	40	144	113	0	0	70,210
	L	0	4,393	2,258	0	9	22	14	0	0	6,696
	T	0	18,166	8,170	50,228	49	166	127	0	0	76,906
320	D	0	18,141	4,378	35,344	135	136	274	0	0	58,408
	L	0	9,565	2,285	0	82	43	99	0	0	12,074
	T	0	27,706	6,663	35,344	217	179	373	0	0	70,482
330	D	0	2,188	761	5,130	0	0	0	0	0	8,079
	L	0	4,038	1,406	0	0	0	0	0	0	5,444
	T	0	6,226	2,167	5,130	0	0	0	0	0	13,523
340	D	0	0	0	0	0	0	0	0	0	0
	L	0	0	0	0	0	0	0	0	0	0
	T	0	0	0	0	0	0	0	0	0	0
350	D	0	4,499	1,437	10,792	103	70	50	421	0	17,372
	L	0	4,056	1,431	0	133	60	44	0	0	5,724
	T	0	8,555	2,868	10,792	236	130	94	421	0	23,096
360	D	0	3,312	1,522	11,140	27	42	31	139	0	16,213
	L	0	6,639	3,018	0	88	133	98	0	0	9,976
	T	0	9,951	4,540	11,140	115	175	129	139	0	26,189
410	D	0	11,187	2,643	10,960	511	64	46	0	0	25,411
	L	0	2,129	699	0	77	6	6	0	0	2,917
	T	0	13,316	3,342	10,960	588	70	52	0	0	28,328
420	D	0	1,912	578	4,711	2	20	50	242	0	7,515
	L	0	21,011	6,467	0	65	325	703	0	0	28,571
	T	0	22,923	7,045	4,711	67	345	753	242	0	36,086

Note : D ; Domestic L ; Livestock T ; Total

Table 10.1 Water Exploitation Cost by District

(Unit : 1,000 US\$)

Code		Water Source								Total	
		Surface Water	Groundwater B.hole	Groundwater S.well	Roof Catch	Small Dam	S. surface Dam	Sand Dam	Rock Catch		Pipeline
430	D	0	20,455	10,173	68,705	142	934	615	1,653	0	102,677
	L	0	11,455	5,909	0	99	636	403	0	0	18,502
	T	0	31,910	16,082	68,705	241	1,570	1,018	1,653	0	121,179
440	D	0	38,617	18,597	94,377	1,686	1,423	689	200	0	155,589
	L	0	9,932	4,690	0	598	261	131	0	0	15,612
	T	0	48,549	23,287	94,377	2,284	1,684	820	200	0	171,201
450	D	0	5,999	1,143	11,053	12	181	143	51	0	18,582
	L	0	57,431	10,479	0	189	1,559	1,512	0	0	71,170
	T	0	63,430	11,622	11,053	201	1,740	1,655	51	0	89,752
460	D	0	60,907	4,555	54,594	2,083	500	95	84	0	122,818
	L	0	19,703	1,604	0	706	171	26	0	0	22,210
	T	0	80,610	6,159	54,594	2,789	671	121	84	0	145,028
510	D	0	3,019	1,591	9,681	0	55	18	0	0	14,364
	L	0	11,605	6,134	0	0	224	98	0	0	18,061
	T	0	14,624	7,725	9,681	0	279	116	0	0	32,425
520	D	0	2,204	2,132	10,638	0	143	207	0	0	15,324
	L	0	9,551	9,255	0	0	622	848	0	0	20,276
	T	0	11,755	11,387	10,638	0	765	1,055	0	0	35,600
530	D	0	3,121	1,747	10,095	0	75	154	0	0	15,192
	L	0	8,989	5,010	0	0	244	427	0	0	14,670
	T	0	12,110	6,757	10,095	0	319	581	0	0	29,862
610	D	0	19,783	7,431	0	1,683	0	0	0	0	28,897
	L	0	1,007	291	0	285	0	0	0	0	1,583
	T	0	20,790	7,722	0	1,968	0	0	0	0	30,480
620	D	0	16,230	5,305	20,930	324	0	0	123	0	42,912
	L	0	5,092	1,827	0	152	0	0	0	0	7,071
	T	0	21,322	7,132	20,930	476	0	0	123	0	49,983
630	D	0	23,949	14,319	18,108	460	0	0	124	0	56,960
	L	0	5,546	2,941	0	101	0	0	0	0	8,588
	T	0	29,495	17,260	18,108	561	0	0	124	0	65,548
640	D	0	42,005	15,240	55,535	1,050	497	361	0	0	114,688
	L	0	5,381	1,769	0	100	16	16	0	0	7,282
	T	0	47,386	17,009	55,535	1,150	513	377	0	0	121,970
710	D	0	12,994	2,147	23,387	165	156	118	135	0	39,102
	L	0	37,199	6,515	0	802	455	397	0	0	45,368
	T	0	50,193	8,662	23,387	967	611	515	135	0	84,470
720	D	0	9,927	1,438	0	1,417	0	0	0	0	12,782
	L	0	1,115	215	0	608	0	0	0	0	1,938
	T	0	11,042	1,653	0	2,025	0	0	0	0	14,720
730	D	0	17,727	694	13,708	475	173	94	16	0	32,887
	L	0	35,506	1,754	0	1,217	321	189	0	0	38,987
	T	0	53,233	2,448	13,708	1,692	494	283	16	0	71,874

Note: D ; Domestic L ; Livestock T ; Total

Table 10.1 Water Exploitation Cost by District

(Unit : 1,000 US\$)

Code		Water Source								Total	
		Surface Water	Groundwater		Roof Catch	Small Dam	S. surface Dam	Sand Dam	Rock Catch		Pipeline
740	D	0	52,934	151	38,181	1,257	475	203	132	0	93,333
	L	0	56,821	1,439	0	1,639	522	241	0	0	60,662
	T	0	109,755	1,590	38,181	2,896	997	444	132	0	153,995
750	D	0	26,440	5,474	36,621	721	244	160	0	0	69,660
	L	0	44,518	11,274	0	1,629	431	290	0	0	58,142
	T	0	70,958	16,748	36,621	2,350	675	450	0	0	127,802
760	D	0	1,871	931	0	497	0	0	53	0	3,352
	L	0	0	0	0	167	0	0	0	0	167
	T	0	1,871	931	0	664	0	0	53	0	3,519
770	D	0	398	98	0	418	0	0	35	0	949
	L	0	0	0	0	278	0	0	0	0	278
	T	0	398	98	0	696	0	0	35	0	1,227
810	D	0	14,205	845	16,642	179	134	74	15	0	32,094
	L	0	11,107	835	0	179	79	52	0	0	12,252
	T	0	25,312	1,680	16,642	358	213	126	15	0	44,346
820	D	0	6,742	3,112	7,779	215	42	0	16	0	17,906
	L	0	6,605	3,461	0	389	68	0	0	0	10,523
	T	0	13,347	6,573	7,779	604	110	0	16	0	28,429
830	D	0	1,851	1,618	0	630	0	0	0	0	4,099
	L	0	0	0	0	224	0	0	0	0	224
	T	0	1,851	1,618	0	854	0	0	0	0	4,323
840	D	0	5,177	1,467	10,190	19	45	36	994	0	17,928
	L	0	20,677	5,982	0	120	316	323	0	0	27,418
	T	0	25,854	7,449	10,190	139	361	359	994	0	45,346
850	D	0	6,779	2,491	18,880	4	289	263	33	0	28,739
	L	0	80,868	29,460	0	91	3,347	3,016	0	0	116,782
	T	0	87,647	31,951	18,880	95	3,636	3,279	33	0	145,521
860	D	0	6,462	4,002	17,175	121	136	51	0	0	27,947
	L	0	2,852	1,879	0	68	52	20	0	0	4,871
	T	0	9,314	5,881	17,175	189	188	71	0	0	32,818
910	D	0	9,707	5,678	0	1,194	0	0	248	0	16,827
	L	0	568	400	0	222	0	0	0	0	1,190
	T	0	10,275	6,078	0	1,416	0	0	248	0	18,017
920	D	0	19,044	9,917	10,102	514	177	109	0	0	39,863
	L	0	2,504	1,525	0	89	12	8	0	0	4,138
	T	0	21,548	11,442	10,102	603	189	117	0	0	44,001
930	D	0	11,235	9,415	0	1,466	0	0	0	0	22,116
	L	0	0	0	0	137	0	0	0	0	137
	T	0	11,235	9,415	0	1,603	0	0	0	0	22,253
Total	D	0	540,628	149,748	685,790	22,933	6,155	3,954	4,991	0	1,414,199
	L	0	506,650	132,335	0	12,003	9,925	8,961	0	0	669,874
	T	0	1,047,278	282,083	685,790	34,936	16,080	12,915	4,991	0	2,084,073

Note: D; Domestic L; Livestock T; Total

