

Table VII.3.7(1/15) CALCULATION OF TOTAL WATER DIVERSION REQUIREMENT FOR ADDITIONAL NET IRRIGABLE AREA AND EXISTING IRRIGATION SCHEMES (OVERALL PLAN)

A. Rantauberangin Irrigation Development Project

(A-OV-1) Case-1 (1st Crop : Feb.16 ; 2nd Crop : Sep. 1)

Irrigation Area	Month Period	Jan.		Feb.		Mar.		Apr.		May		June	
		1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.
		1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End
(A) Left Bank Area	Unit Water Requirements (lsec/ha)	0.10	0.00	1.43	0.65	0.59	0.29	1.38	0.71	0.46	0.28	0.11	
	1) Water Req. for 10,517 ha	1.05	0.00	15.04	6.84	7.26	3.05	14.51	7.47	4.84	2.94	1.16	
	2) Additional Supply for Existing Schemes	0.00	0.00	2.60	0.00	0.00	0.00	3.65	0.00	0.00	0.00	0.00	
(B) Right Bank Area	Total Diversion Requirements (m3/sec)	1.05	0.00	17.64	6.84	7.26	3.05	18.16	7.47	4.84	2.94	1.16	
	Unit Water Requirements (lsec/ha)	0.10	0.00	1.43	0.65	0.69	0.29	1.38	0.71	0.46	0.28	0.11	
	1) Water Req. for 277 ha	0.03	0.00	0.40	0.18	0.19	0.08	0.38	0.20	0.13	0.08	0.03	
Irrigation Area	2) Additional Supply for Existing Schemes	0.00	0.00	2.59	0.00	0.00	0.00	3.37	0.00	0.00	0.00	0.00	
	Total Diversion Requirements (m3/sec)	0.03	0.00	2.99	0.18	0.19	0.08	3.75	0.20	0.13	0.08	0.03	
	Month Period	July		Aug.		Sep.		Oct.		Nov.		Dec.	
(A) Left Bank Area	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	
	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	
	0.00	0.00	0.00	0.00	1.73	0.58	1.36	1.02	0.31	1.14	0.23	0.23	
(B) Right Bank Area	1) Water Req. for 10,517 ha	0.00	0.00	0.00	0.00	18.19	6.10	14.30	10.73	3.26	11.99	2.42	
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	5.96	0.00	4.37	3.14	0.00	0.00	0.00	
	Total Diversion Requirements (m3/sec)	0.00	0.00	0.00	0.00	24.15	6.10	18.67	13.87	3.26	11.99	2.42	
Irrigation Area	Unit Water Requirements (lsec/ha)	0.00	0.00	0.00	0.00	1.73	0.58	1.36	1.02	0.31	1.14	0.23	
	1) Water Req. for 277 ha	0.00	0.00	0.00	0.00	0.48	0.16	0.38	0.28	0.09	0.32	0.06	
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	5.25	0.00	3.89	2.80	0.00	0.48	0.00	
Total Diversion Requirements (m3/sec)	0.00	0.00	0.00	0.00	5.73	0.16	4.27	3.08	0.09	0.80	0.06		

Table VII.3.7(2/15) CALCULATION OF TOTAL WATER DIVERSION REQUIREMENT FOR ADDITIONAL NET IRRIGABLE AREA AND EXISTING IRRIGATION SCHEMES (OVERALL PLAN)

(A-OV-2) Case-2 (1st Crop : Jan. 1; 2nd Crop : July 16)

Irrigation Area	Month Period	Jan.		Feb.		Mar.		Apr.		May		June	
		1	2	1	2	1	2	1	2	1	2	1	2
		1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End
(A) Left Bank Area	Unit Water Requirements (l/sec/ha)	1.01	0.00	0.12	1.10	0.50	0.85	0.23	0.93	0.06	0.00	0.00	0.00
	1) Water Req. for 10,517 ha	10.62	0.00	1.26	11.57	5.26	8.94	2.42	9.78	0.63	0.00	0.00	0.00
	2) Additional Supply for Existing Schemes	0.93	0.00	0.00	0.91	0.00	0.00	0.00	1.33	0.00	0.00	0.00	0.00
(B) Right Bank Area	Total Diversion Requirements (m ³ /sec)	11.55	0.00	1.26	12.48	5.26	8.94	2.42	11.11	0.63	0.00	0.00	0.00
	Unit Water Requirements (l/sec/ha)	1.01	0.00	0.12	1.10	0.50	0.85	0.23	0.93	0.06	0.00	0.00	0.00
	1) Water Req. for 277 ha	0.28	0.00	0.03	0.30	0.14	0.24	0.06	0.26	0.02	0.00	0.00	0.00
Irrigation Area	2) Additional Supply for Existing Schemes	1.17	0.00	0.00	1.16	0.00	0.00	0.00	1.43	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m ³ /sec)	1.45	0.00	0.03	1.46	0.14	0.24	0.06	1.69	0.02	0.00	0.00	0.00
	Month Period	JULY		AUG.		SEP.		OCT.		NOV.		DEC.	
(A) Left Bank Area	1	2	1	2	1	2	1	2	1	2	1	2	
	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	
	0.00	1.54	1.28	0.00	1.36	0.40	1.57	0.95	0.23	0.21	0.00	0.00	
(B) Right Bank Area	1) Water Req. for 10,517 ha	0.00	16.20	13.46	0.00	14.30	4.21	16.51	9.99	2.42	2.21	0.00	0.00
	2) Additional Supply for Existing Schemes	0.00	5.98	4.61	0.00	4.04	0.00	5.50	2.77	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m ³ /sec)	0.00	22.18	18.07	0.00	18.34	4.21	22.01	12.76	2.42	2.21	0.00	0.00
Irrigation Area	Unit Water Requirements (l/sec/ha)	0.00	1.54	1.28	0.00	1.36	0.40	1.57	0.95	0.23	0.21	0.00	0.00
	1) Water Req. for 277 ha	0.00	0.43	0.35	0.00	0.38	0.11	0.43	0.26	0.06	0.06	0.00	0.00
	2) Additional Supply for Existing Schemes	0.00	5.19	4.05	0.00	3.62	0.00	4.83	2.48	0.00	0.00	0.00	0.00
Irrigation Area	Total Diversion Requirements (m ³ /sec)	0.00	5.62	4.40	0.00	4.00	0.11	5.26	2.74	0.06	0.06	0.00	0.00

Table VII.3.7(3/15) CALCULATION OF TOTAL WATER DIVERSION REQUIREMENT FOR ADDITIONAL NET IRRIGABLE AREA AND EXISTING IRRIGATION SCHEMES (OVERALL PLAN)

Irrigation Area	Month Period	Jan.		Feb.		Mar.		Apr.		May		June	
		1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End
		1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.
(A) Left Bank Area	Unit Water Requirements (l/sec/ha)	0.00	0.00	0.25	1.06	0.51	0.66	0.47	1.30	0.36	0.07	0.00	0.00
	1) Water Req. for 10,517 ha	0.00	0.00	2.63	11.15	5.36	6.94	4.94	13.67	3.79	0.74	0.00	0.00
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m ³ /sec)	0.00	0.00	2.63	11.84	5.36	6.94	4.94	13.67	3.79	0.74	0.00	0.00
(B) Right Bank Area	Unit Water Requirements (l/sec/ha)	0.00	0.00	0.25	1.06	0.51	0.66	0.47	1.30	0.36	0.07	0.00	0.00
	1) Water Req. for 277 ha	0.00	0.00	0.07	0.29	0.14	0.18	0.13	0.36	0.10	0.02	0.00	0.00
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.99	0.00	0.00	0.00	3.02	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m ³ /sec)	0.00	0.00	0.07	1.28	0.14	0.18	0.13	3.38	0.10	0.02	0.00	0.00
Irrigation Area	Month	July		Aug.		Sep.		Oct.		Nov.		Dec.	
	Period	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End
	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(A) Left Bank Area	Unit Water Requirements (l/sec/ha)	0.00	0.00	1.47	0.00	1.33	0.40	1.38	1.21	0.24	0.65	0.00	0.00
	1) Water Req. for 10,517 ha	0.00	0.00	15.46	0.00	13.99	4.21	14.51	12.73	2.52	6.84	0.00	0.00
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m ³ /sec)	0.00	0.00	21.07	0.00	17.89	4.21	19.00	15.82	2.52	6.84	0.00	0.00
(B) Right Bank Area	Unit Water Requirements (l/sec/ha)	0.00	0.00	1.47	0.00	1.33	0.40	1.38	1.21	0.24	0.65	0.00	0.00
	1) Water Req. for 277 ha	0.00	0.00	0.41	0.00	0.37	0.11	0.38	0.34	0.07	0.18	0.00	0.00
	2) Additional Supply for Existing Schemes	0.00	0.00	4.88	0.00	3.51	0.00	4.00	3.61	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m ³ /sec)	0.00	0.00	5.29	0.00	3.88	0.11	4.38	3.95	0.07	0.18	0.00	0.00

Table VII.3.7(4/15) CALCULATION OF TOTAL WATER DIVERSION REQUIREMENT FOR ADDITIONAL NET IRRIGABLE AREA AND EXISTING IRRIGATION SCHEMES (OVERALL PLAN)

Irrigation Area	Month Period	Jan.		Feb.		Mar.		Apr.		May		June	
		1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.
		1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End
(A) Left Bank Area	Unit Water Requirements (l/sec/ha)	0.00	0.00	0.38	1.25	0.49	0.67	0.28	1.57	0.45	0.37	0.03	0.00
	1) Water Req. for 10,517 ha	0.00	0.00	4.00	13.15	5.15	7.05	2.94	16.51	4.73	3.89	0.32	0.00
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	1.68	0.00	0.00	0.00	4.66	0.00	0.00	0.00	0.00
(B) Right Bank Area	Total Diversion Requirements (m ³ /sec)	0.00	0.00	4.00	14.83	5.15	7.05	2.94	21.17	4.73	3.89	0.32	0.00
	1) Water Requirements (l/sec/ha)	0.00	0.00	0.38	1.25	0.49	0.67	0.28	1.57	0.45	0.37	0.03	0.00
	1) Water Req. for 277 ha	0.00	0.00	0.11	0.35	0.14	0.19	0.08	0.43	0.12	0.10	0.01	0.00
(A) Left Bank Area	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	1.81	0.00	0.00	0.00	4.20	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m ³ /sec)	0.00	0.00	0.11	2.16	0.14	0.19	0.08	4.63	0.12	0.10	0.01	0.00
	Irrigation Area	July		Aug.		Sep.		Oct.		Nov.		Dec.	
(A) Left Bank Area	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	
	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	
	0.00	0.00	0.00	0.00	1.73	0.58	1.36	1.02	0.31	1.14	0.23	0.23	
(B) Right Bank Area	1) Water Req. for 10,517 ha	0.00	0.00	0.00	0.00	18.19	6.10	14.30	10.73	3.26	11.99	2.42	2.42
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	5.96	0.00	4.37	3.14	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m ³ /sec)	0.00	0.00	0.00	0.00	24.15	6.10	18.67	13.87	3.26	11.99	2.42	2.42
(A) Left Bank Area	1) Water Requirements (l/sec/ha)	0.00	0.00	0.00	0.00	1.73	0.58	1.36	1.02	0.31	1.14	0.23	0.23
	1) Water Req. for 277 ha	0.00	0.00	0.00	0.00	0.48	0.16	0.38	0.28	0.09	0.32	0.06	0.06
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	5.25	0.00	3.89	2.80	0.00	0.48	0.00	0.00
(B) Right Bank Area	Total Diversion Requirements (m ³ /sec)	0.00	0.00	0.00	0.00	6.73	0.16	4.27	3.08	0.09	0.80	0.06	0.06

Table VII.3.7(5/15) CALCULATION OF TOTAL WATER DIVERSION REQUIREMENT FOR ADDITIONAL NET IRRIGABLE AREA AND EXISTING IRRIGATION SCHEMES (OVERALL PLAN)

Irrigation Area	Month Period	Jan.		Feb.		Mar.		Apr.		May		June	
		1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.
		1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End
(A) Left Bank Area	Unit Water Requirements (l/sec/ha)	0.43	0.00	0.00	0.00	0.88	0.84	0.26	1.39	0.52	0.73	0.33	0.46
	1) Water Req. for 10,517 ha	4.52	0.00	0.00	0.00	9.25	8.83	2.73	14.62	5.47	7.68	3.47	4.84
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.70	0.00	0.00	0.00	0.00
(B) Right Bank Area	Total Diversion Requirements (m ³ /sec)	4.52	0.00	0.00	0.00	9.25	8.83	2.73	18.32	5.47	7.68	3.47	4.84
	Unit Water Requirements (l/sec/ha)	0.43	0.00	0.00	0.00	0.88	0.84	0.26	1.39	0.52	0.73	0.33	0.46
	1) Water Req. for 277 ha	0.12	0.00	0.00	0.00	0.24	0.23	0.07	0.39	0.14	0.20	0.09	0.13
Irrigation Area	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.42	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m ³ /sec)	0.12	0.00	0.00	0.00	0.24	0.23	0.07	3.81	0.14	0.20	0.09	0.13
	Month Period	July		Aug.		Sep.		Oct.		Nov.		Dec.	
(A) Left Bank Area	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	
	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	
	0.27	0.00	0.00	0.00	0.00	0.78	1.56	1.00	3.32	0.32	0.95	0.46	
(B) Right Bank Area	1) Water Req. for 10,517 ha	2.84	0.00	0.00	0.00	8.20	16.41	10.52	33.37	9.99	4.84	2.42	
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.40	5.42	3.03	0.00	0.00	0.00	
	Total Diversion Requirements (m ³ /sec)	2.84	0.00	0.00	0.00	8.20	16.81	15.94	36.40	9.99	4.84	2.42	
Irrigation Area	Unit Water Requirements (l/sec/ha)	0.27	0.00	0.00	0.00	0.78	1.56	1.00	3.32	0.32	0.95	0.46	
	1) Water Req. for 277 ha	0.07	0.00	0.00	0.00	0.22	0.43	0.28	0.09	0.26	0.13	0.06	
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.62	4.78	2.72	0.00	0.00	0.00	
Irrigation Area	Total Diversion Requirements (m ³ /sec)	0.07	0.00	0.00	0.00	0.84	5.21	3.00	8.09	0.26	0.13	0.06	

Table VII.3.7(6/15). CALCULATION OF TOTAL WATER DIVERSION REQUIREMENT FOR ADDITIONAL NET IRRIGABLE AREA AND EXISTING IRRIGATION SCHEMES (OVERALL PLAN)

Irrigation Area	Month Period	Jan.		Feb.		Mar.		Apr.		May		June	
		1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.
		1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End
(A) Left Bank Area	Unit Water Requirements (l/sec/ha)	0.55	0.23	0.00	0.00	1.03	0.00	0.45	1.36	0.52	0.53	0.60	0.59
	1) Water Req. for 10,517 ha	5.78	2.42	0.00	0.00	10.83	0.00	4.73	14.30	5.47	5.57	6.31	6.21
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.53	0.00	0.00	0.00	0.00
(B) Right Bank Area	Total Diversion Requirements (m ³ /sec)	5.78	2.42	0.00	0.00	10.83	0.00	4.73	17.83	5.47	5.57	6.31	6.21
	Unit Water Requirements (l/sec/ha)	0.55	0.23	0.00	0.00	1.03	0.00	0.45	1.36	0.52	0.53	0.60	0.59
	1) Water Req. for 277 ha	0.15	0.06	0.00	0.00	0.29	0.00	0.12	0.38	0.14	0.15	0.17	0.16
Irrigation Area	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.26	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m ³ /sec)	0.15	0.06	0.00	0.00	0.29	0.00	0.12	3.64	0.14	0.15	0.17	0.16
	Month Period	July		Aug.		Sep.		Oct.		Nov.		Dec.	
(A) Left Bank Area	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	
	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	
	0.79	0.28	0.00	0.00	0.00	0.00	1.75	1.20	0.30	0.96	0.23	0.46	
(B) Right Bank Area	1) Water Req. for 10,517 ha	8.31	2.94	0.00	0.00	0.00	0.00	18.40	12.62	3.16	10.10	2.42	4.84
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.00	6.42	4.08	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m ³ /sec)	8.31	2.94	0.00	0.00	0.00	0.00	24.82	16.70	3.16	10.10	2.42	4.84
Irrigation Area	Unit Water Requirements (l/sec/ha)	0.79	0.28	0.00	0.00	0.00	0.00	1.75	1.20	0.30	0.96	0.23	0.46
	1) Water Req. for 277 ha	0.22	0.08	0.00	0.00	0.00	0.00	0.48	0.33	0.08	0.27	0.06	0.13
	2) Additional Supply for Existing Schemes	0.28	0.00	0.00	0.00	0.00	0.00	5.61	3.57	0.00	0.00	0.00	0.00
Irrigation Area	Total Diversion Requirements (m ³ /sec)	0.50	0.08	0.00	0.00	0.00	0.00	6.09	3.90	0.08	0.27	0.06	0.13

Table VII.3.7(7/15) CALCULATION OF TOTAL WATER DIVERSION REQUIREMENT FOR ADDITIONAL NET IRRIGABLE AREA AND EXISTING IRRIGATION SCHEMES (OVERALL PLAN)

Irrigation Area	Month Period	Jan.		Feb.		Mar.		Apr.		May		June	
		1	2	1	2	1	2	1	2	1	2	1	2
		1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End
(A) Left Bank Area	Unit Water Requirements (l/sec/ha)	0.81	0.23	0.23	0.25	0.00	0.00	0.63	1.54	0.50	0.54	0.40	0.86
	1) Water Req. for 10,517 ha	8.52	2.42	2.63	0.00	0.00	0.00	6.63	16.20	5.26	5.68	4.21	9.04
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.49	0.00	0.00	0.00	0.80
	Total Diversion Requirements (m3/sec)	8.52	2.42	2.63	0.00	0.00	0.00	6.63	20.69	5.26	5.68	4.21	9.84
(B) Right Bank Area	Unit Water Requirements (l/sec/ha)	0.81	0.23	0.23	0.25	0.00	0.00	0.63	1.54	0.50	0.54	0.40	0.86
	1) Water Req. for 277 ha	0.22	0.06	0.06	0.07	0.00	0.00	0.17	0.43	0.14	0.15	0.11	0.24
	2) Additional Supply for Existing Schemes	0.30	0.00	0.00	0.00	0.00	0.00	0.00	4.06	0.00	0.00	0.00	0.98
	Total Diversion Requirements (m3/sec)	0.52	0.06	0.06	0.07	0.00	0.00	0.17	4.49	0.14	0.15	0.11	1.22
Irrigation Area	Month	July		Aug.		Sep.		Oct.		Nov.		Dec.	
	Period	1	2	1	2	1	2	1	2	1	2	1	2
(A) Left Bank Area	Unit Water Requirements (l/sec/ha)	1.08	0.80	0.25	0.00	0.00	0.00	0.00	1.39	0.50	0.94	0.23	0.23
	1) Water Req. for 10,517 ha	11.36	8.41	2.63	0.00	0.00	0.00	0.00	14.62	5.26	9.89	2.42	2.42
	2) Additional Supply for Existing Schemes	1.42	2.13	0.00	0.00	0.00	0.00	0.00	5.03	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m3/sec)	12.78	10.54	2.63	0.00	0.00	0.00	0.00	19.65	5.26	9.89	2.42	2.42
(B) Right Bank Area	Unit Water Requirements (l/sec/ha)	1.08	0.80	0.25	0.00	0.00	0.00	0.00	1.39	0.50	0.94	0.23	0.23
	1) Water Req. for 277 ha	0.30	0.22	0.07	0.00	0.00	0.00	0.00	0.39	0.14	0.26	0.06	0.06
	2) Additional Supply for Existing Schemes	1.54	1.99	0.00	0.00	0.00	0.00	0.00	4.41	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m3/sec)	1.84	2.21	0.07	0.00	0.00	0.00	0.00	4.80	0.14	0.26	0.06	0.06

Table VII.3.7(8/15) CALCULATION OF TOTAL WATER DIVERSION REQUIREMENT FOR ADDITIONAL NET IRRIGABLE AREA AND EXISTING IRRIGATION SCHEMES (OVERALL PLAN)

Irrigation Area	Month Period	Jan.		Feb.		Mar.		Apr.		May		June	
		1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.
		1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End
(A) Left Bank Area	Unit Water Requirements (l/sec/ha)	0.62	0.46	0.23	0.74	0.06	0.00	0.00	0.00	1.73	0.69	0.52	0.41
	1) Water Req. for 10,517 ha	6.52	4.84	2.42	7.78	0.63	0.00	0.00	0.00	18.19	7.26	5.47	4.31
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.45	0.00	0.00	0.00
	Total Diversion Requirements (l/sec/ha)	6.52	4.84	2.42	7.78	0.63	0.00	0.00	0.00	23.84	7.26	5.47	4.31
(B) Right Bank Area	Unit Water Requirements (l/sec/ha)	0.62	0.46	0.23	0.74	0.06	0.00	0.00	0.00	1.73	0.69	0.52	0.41
	1) Water Req. for 277 ha	0.17	0.13	0.06	0.20	0.02	0.00	0.00	0.00	0.48	0.19	0.14	0.11
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.89	0.00	0.00	0.11
	Total Diversion Requirements (m3/sec)	0.17	0.13	0.06	0.20	0.02	0.00	0.00	0.00	5.37	0.19	0.14	0.11
Irrigation Area	Month	July		Aug.		Sep.		Oct.		Nov.		Dec.	
	Period	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.
		1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End
	Unit Water Requirements (l/sec/ha)	1.34	1.10	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.69	1.13	0.00
(A) Left Bank Area	1) Water Req. for 10,517 ha	14.09	11.57	7.89	0.00	0.00	0.00	0.00	0.00	7.26	11.88	0.00	2.42
	2) Additional Supply for Existing Schemes	2.80	3.71	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m3/sec)	16.89	15.28	9.79	0.00	0.00	0.00	0.00	0.00	7.26	11.88	0.00	2.42
	Unit Water Requirements (l/sec/ha)	1.34	1.10	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.69	1.13	0.00
(B) Right Bank Area	1) Water Req. for 277 ha	0.37	0.30	0.21	0.00	0.00	0.00	0.00	0.00	0.19	0.31	0.00	0.06
	2) Additional Supply for Existing Schemes	2.69	3.29	1.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00
	Total Diversion Requirements (m3/sec)	3.06	3.69	1.97	0.00	0.00	0.00	0.00	0.00	0.19	0.72	0.41	0.06

Table VII.3.7(9/15) CALCULATION OF TOTAL WATER DIVERSION REQUIREMENT FOR ADDITIONAL NET IRRIGABLE AREA AND EXISTING IRRIGATION SCHEMES (OVERALL PLAN)

B. Lubukjambi Irrigation Development Project

(B-OV-1) Case-1 (1st Crop : Feb. 16 ; 2nd Crop : Sep. 1)

Irrigation Area	Month Period	Jan.		Feb.		Mar.		Apr.		May		June	
		1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.
		1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End
(A) Left Bank Area	Unit Water Requirements (l/sec/ha)	0.00	0.00	0.00	1.96	0.01	0.54	0.61	0.23	0.46	1.43	0.69	0.33
	1) Water Req. for 12,875 ha	0.00	0.00	0.00	25.24	0.13	6.95	7.85	2.96	5.92	18.41	8.88	4.25
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	3.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(B) Right Bank Area	Total Diversion Requirements (m3/sec)	0.00	0.00	0.00	29.21	0.13	6.95	7.85	2.96	5.92	18.41	8.88	4.25
	Unit Water Requirements (l/sec/ha)	0.00	0.00	0.00	1.96	0.01	0.54	0.61	0.23	0.46	1.43	0.69	0.33
	1) Water Req. for 10,902 ha	0.00	0.00	0.00	21.37	0.11	5.89	6.65	2.51	5.01	15.59	7.52	3.60
(A) Left Bank Area	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	2.99	0.00	0.00	0.00	0.00	0.00	1.11	0.00	0.00
	Total Diversion Requirements (m3/sec)	0.00	0.00	0.00	24.36	0.11	5.89	6.65	2.51	5.01	16.70	7.52	3.60
	Irrigation Area	July		Aug.		Sep.		Oct.		Nov.		Dec.	
(A) Left Bank Area	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	
	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	
	0.00	0.00	0.00	0.00	0.00	1.37	0.04	0.11	0.23	0.83	0.46	0.23	
(B) Right Bank Area	1) Water Req. for 12,875 ha	0.00	0.00	0.00	0.00	17.64	0.52	1.42	2.96	10.69	5.92	2.96	
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.00	0.00	0.00	0.00	
	Total Diversion Requirements (m3/sec)	0.00	0.00	0.00	0.00	18.88	0.52	1.42	2.96	10.69	5.92	2.96	
(A) Left Bank Area	Unit Water Requirements (l/sec/ha)	0.00	0.00	0.00	0.00	1.37	0.04	0.11	0.23	0.83	0.46	0.23	
	1) Water Req. for 10,902 ha	0.00	0.00	0.00	0.00	14.94	0.44	1.20	2.51	9.05	5.01	2.51	
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	1.59	0.00	0.00	0.00	0.00	0.00	0.00	
(B) Right Bank Area	Total Diversion Requirements (m3/sec)	0.00	0.00	0.00	0.00	16.53	0.44	1.20	2.51	9.05	5.01	2.51	
	Unit Water Requirements (l/sec/ha)	0.00	0.00	0.00	0.00	1.37	0.04	0.11	0.23	0.83	0.46	0.23	
	1) Water Req. for 10,902 ha	0.00	0.00	0.00	0.00	14.94	0.44	1.20	2.51	9.05	5.01	2.51	
(B) Right Bank Area	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	1.59	0.00	0.00	0.00	0.00	0.00	0.00	
	Total Diversion Requirements (m3/sec)	0.00	0.00	0.00	0.00	16.53	0.44	1.20	2.51	9.05	5.01	2.51	
	Irrigation Area	July		Aug.		Sep.		Oct.		Nov.		Dec.	
(A) Left Bank Area	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	
	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
(B) Right Bank Area	1) Water Req. for 12,875 ha	0.00	0.00	0.00	0.00	17.64	0.52	1.42	2.96	10.69	5.92	2.96	
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.00	0.00	0.00	0.00	
	Total Diversion Requirements (m3/sec)	0.00	0.00	0.00	0.00	18.88	0.52	1.42	2.96	10.69	5.92	2.96	
(A) Left Bank Area	Unit Water Requirements (l/sec/ha)	0.00	0.00	0.00	0.00	1.37	0.04	0.11	0.23	0.83	0.46	0.23	
	1) Water Req. for 10,902 ha	0.00	0.00	0.00	0.00	14.94	0.44	1.20	2.51	9.05	5.01	2.51	
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	1.59	0.00	0.00	0.00	0.00	0.00	0.00	
(B) Right Bank Area	Total Diversion Requirements (m3/sec)	0.00	0.00	0.00	0.00	16.53	0.44	1.20	2.51	9.05	5.01	2.51	
	Unit Water Requirements (l/sec/ha)	0.00	0.00	0.00	0.00	1.37	0.04	0.11	0.23	0.83	0.46	0.23	
	1) Water Req. for 10,902 ha	0.00	0.00	0.00	0.00	14.94	0.44	1.20	2.51	9.05	5.01	2.51	
(B) Right Bank Area	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	1.59	0.00	0.00	0.00	0.00	0.00	0.00	
	Total Diversion Requirements (m3/sec)	0.00	0.00	0.00	0.00	16.53	0.44	1.20	2.51	9.05	5.01	2.51	

Table VII.3.7(10/15) CALCULATION OF TOTAL WATER DIVERSION REQUIREMENT FOR ADDITIONAL NET IRRIGABLE AREA AND EXISTING IRRIGATION SCHEMES (OVERALL PLAN)

Irrigation Area	Month Period	Jan.		Feb.		Mar.		Apr.		May		June	
		1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.
		1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End
(A) Left Bank Area	Unit Water Requirements (l/sec/ha)	0.19	0.69	0.99	1.63	0.23	0.75	0.52	0.23	0.00	0.00	0.00	0.00
	1) Water Req. for 12,875 ha	2.45	8.88	12.75	20.99	2.96	9.66	6.70	2.96	0.00	0.00	0.00	0.00
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	2.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m ³ /sec)	2.45	8.88	12.75	23.62	2.96	9.66	6.70	2.96	0.00	0.00	0.00	0.00
(B) Right Bank Area	Unit Water Requirements (l/sec/ha)	0.19	0.69	0.99	1.63	0.23	0.75	0.52	0.23	0.00	0.00	0.00	0.00
	1) Water Req. for 10,902 ha	2.07	7.52	10.79	17.77	2.51	8.18	5.67	2.51	0.00	0.00	0.00	0.00
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	2.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m ³ /sec)	2.07	7.52	10.79	20.05	2.51	8.18	5.67	2.51	0.00	0.00	0.00	0.00
Irrigation Area	Month	July		Aug.		Sep.		Oct.		Nov.		Dec.	
	Period	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.
		1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End
(A) Left Bank Area	Unit Water Requirements (l/sec/ha)	0.00	1.37	1.88	1.56	1.00	0.23	0.46	0.23	0.56	0.00	0.00	0.00
	1) Water Req. for 12,875 ha	0.00	17.64	24.21	20.09	12.88	2.96	5.92	2.96	7.21	0.00	0.00	0.00
	2) Additional Supply for Existing Schemes	0.00	0.00	4.61	3.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m ³ /sec)	0.00	17.64	28.82	23.68	12.88	2.96	5.92	2.96	7.21	0.00	0.00	0.00
(B) Right Bank Area	Unit Water Requirements (l/sec/ha)	0.00	1.37	1.88	1.56	1.00	0.23	0.46	0.23	0.56	0.00	0.00	0.00
	1) Water Req. for 10,902 ha	0.00	14.94	20.50	17.01	10.90	2.51	5.01	2.51	6.11	0.00	0.00	0.00
	2) Additional Supply for Existing Schemes	0.00	0.85	3.13	2.54	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m ³ /sec)	0.00	15.79	23.63	19.55	11.68	2.51	5.01	2.51	6.11	0.00	0.00	0.00

Table VII.3.7(11/15) CALCULATION OF TOTAL WATER DIVERSION REQUIREMENT FOR ADDITIONAL NET IRRIGABLE AREA AND EXISTING IRRIGATION SCHEMES (OVERALL PLAN)

Irrigation Area	Month Period	Jan.		Feb.		Mar.		Apr.		May		June	
		1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(A) Left Bank Area	Unit Water Requirements (l/sec/ha)	0.00	0.88	1.18	1.59	0.23	0.56	0.79	0.23	0.23	0.23	0.39	0.00
	1) Water Req. for 12,875 ha	0.00	11.33	15.19	20.47	2.96	7.21	10.17	2.96	2.96	2.96	5.02	0.00
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(B) Right Bank Area	Total Diversion Requirements (m3/sec)	0.00	11.33	15.19	22.93	2.96	7.21	10.17	2.96	2.96	2.96	5.02	0.00
	Unit Water Requirements (l/sec/ha)	0.00	0.88	1.18	1.59	0.23	0.56	0.79	0.23	0.23	0.23	0.39	0.00
	1) Water Req. for 10,902 ha	0.00	9.59	12.86	17.33	2.51	6.11	8.61	2.51	2.51	2.51	4.25	0.00
Irrigation Area	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	2.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m3/sec)	0.00	9.59	12.86	19.61	2.51	6.11	8.61	2.51	2.51	2.51	4.25	0.00
	Month	July	Aug.	Sep.	Oct.	Nov.	Dec.						
(A) Left Bank Area	Unit Water Requirements (l/sec/ha)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1) Water Req. for 12,875 ha	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(B) Right Bank Area	Total Diversion Requirements (m3/sec)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Unit Water Requirements (l/sec/ha)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1) Water Req. for 10,902 ha	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Irrigation Area	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m3/sec)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Month	July	Aug.	Sep.	Oct.	Nov.	Dec.						

Table VII.3.7(12/15) CALCULATION OF TOTAL WATER DIVERSION REQUIREMENT FOR ADDITIONAL NET IRRIGABLE AREA AND EXISTING IRRIGATION SCHEMES (OVERALL PLAN)

Irrigation Area	Month Period	Jan.		Feb.		Mar.		Apr.		May		June	
		1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.
		1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End
(A) Left Bank Area	Unit Water Requirements (l/sec/ha)	0.00	0.00	1.37	1.78	0.01	0.57	0.60	0.46	0.23	1.02	0.23	0.00
	1) Water Req. for 12,875 ha	0.00	0.00	17.64	22.92	0.13	7.34	7.73	5.92	2.96	13.13	2.96	0.00
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	3.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m3/sec)	0.00	0.00	17.64	26.15	0.13	7.34	7.73	5.92	2.96	13.13	2.96	0.00
(B) Right Bank Area	Unit Water Requirements (l/sec/ha)	0.00	0.00	1.37	1.78	0.01	0.57	0.60	0.46	0.23	1.02	0.23	0.00
	1) Water Req. for 10,902 ha	0.00	0.00	14.94	19.41	0.11	6.21	6.54	5.01	2.51	11.12	2.51	0.00
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00
	Total Diversion Requirements (m3/sec)	0.00	0.00	14.94	22.01	0.11	6.21	6.54	5.01	2.51	11.30	2.51	0.00
Irrigation Area	Month	July		Aug.		Sep.		Oct.		Nov.		Dec.	
	Period	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.
	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	
	0.00	0.00	0.00	0.00	1.94	1.18	0.02	0.23	0.23	0.23	1.02	0.23	0.09
(A) Left Bank Area	Unit Water Requirements (l/sec/ha)	0.00	0.00	0.00	0.00	24.98	15.19	0.26	2.96	2.96	13.13	2.96	1.16
	1) Water Req. for 12,875 ha	0.00	0.00	0.00	0.00	5.18	0.44	0.00	0.00	0.00	0.00	0.00	0.00
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	30.15	14.63	0.26	2.96	2.96	13.13	2.96	1.16
	Total Diversion Requirements (m3/sec)	0.00	0.00	0.00	0.00	30.15	14.63	0.26	2.96	2.96	13.13	2.96	1.16
(B) Right Bank Area	Unit Water Requirements (l/sec/ha)	0.00	0.00	0.00	0.00	1.94	1.18	0.02	0.23	0.23	1.02	0.23	0.09
	1) Water Req. for 10,902 ha	0.00	0.00	0.00	0.00	21.15	12.86	0.22	2.51	2.51	11.12	2.51	0.98
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	3.39	1.18	0.00	0.00	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m3/sec)	0.00	0.00	0.00	0.00	24.64	14.04	0.22	2.51	2.51	11.12	2.51	0.98

Table VII.3.7(13/15) CALCULATION OF TOTAL WATER DIVERSION REQUIREMENT FOR ADDITIONAL NET IRRIGABLE AREA AND EXISTING IRRIGATION SCHEMES (OVERALL PLAN)

(B-OV-5) Case-5 (1st Crop : Mar. 1 : 2nd Crop : Sep. 16)

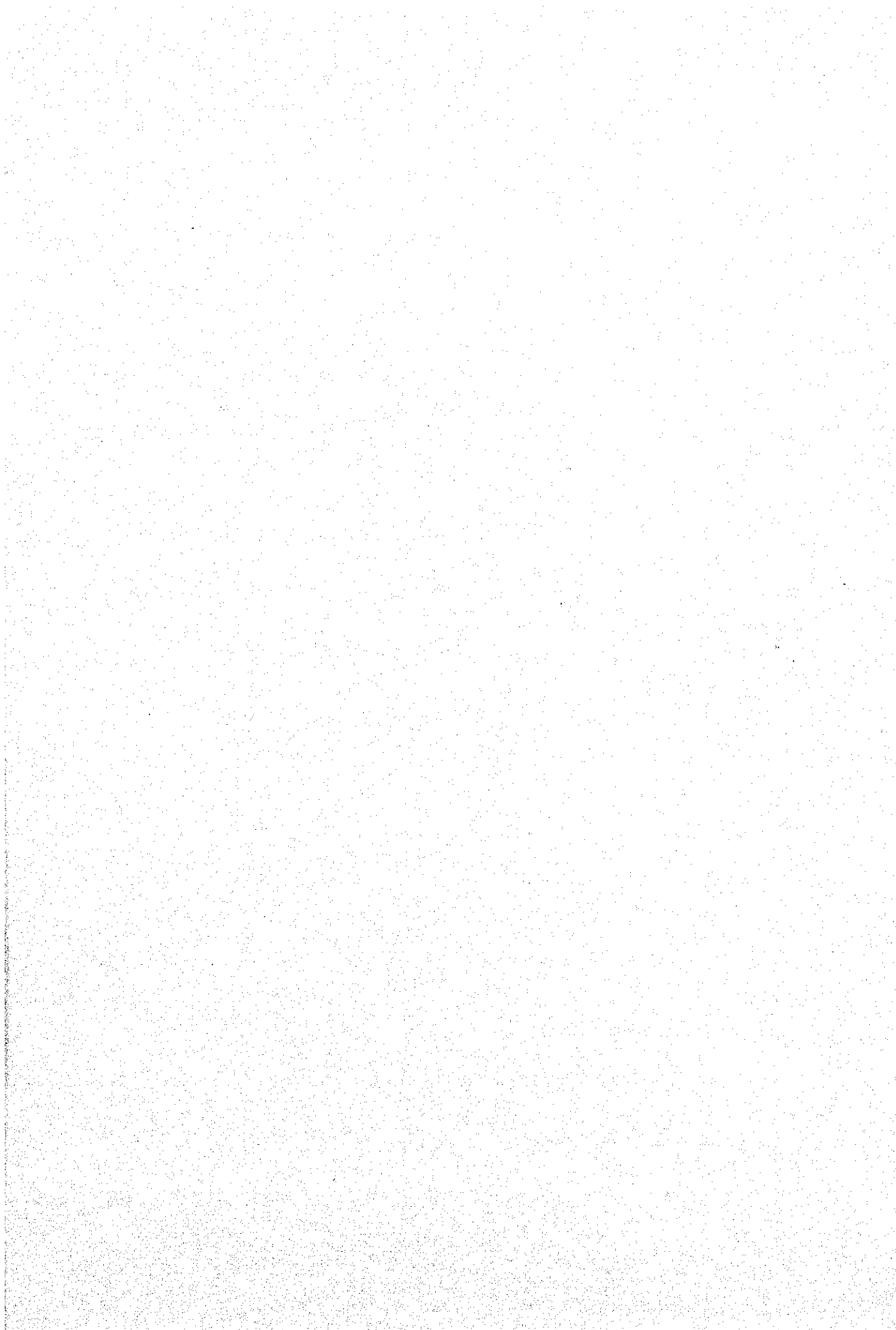
Irrigation Area	Jan.		Feb.		Mar.		Apr.		May		June	
	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End
(A) Left Bank Area	0.23	0.06	0.00	0.00	0.02	0.72	0.58	0.23	0.23	0.23	1.69	0.90
1) Water Req. for 12,875 ha	2.96	0.77	0.00	0.00	0.26	9.27	7.47	2.96	2.96	2.96	21.76	11.59
2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.00
Total Diversion Requirements (l/sec/ha)	2.96	0.77	0.00	0.00	0.26	9.27	7.47	2.96	2.96	2.96	22.99	11.59
(B) Right Bank Area	0.23	0.06	0.00	0.00	0.02	0.72	0.58	0.23	0.23	0.23	1.69	0.90
1) Water Req. for 10,902 ha	2.51	0.65	0.00	0.00	0.22	7.85	6.32	2.51	2.51	2.51	18.42	9.81
2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.68	0.55
Total Diversion Requirements (m ³ /sec)	2.51	0.65	0.00	0.00	0.22	7.85	6.32	2.51	2.51	2.51	20.10	10.36
Irrigation Area												
	July		Aug.		Sep.		Oct.		Nov.		Dec.	
	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End
(A) Left Bank Area	0.18	0.00	0.00	0.00	0.00	0.06	0.23	0.01	0.84	0.23	0.46	0.52
1) Water Req. for 12,875 ha	2.32	0.00	0.00	0.00	0.00	0.77	2.96	0.13	10.82	2.96	5.92	6.70
2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Diversion Requirements (m ³ /sec)	2.32	0.00	0.00	0.00	0.00	0.77	2.96	0.13	10.82	2.96	5.92	6.70
(B) Right Bank Area	0.18	0.00	0.00	0.00	0.00	0.06	0.23	0.01	0.84	0.23	0.46	0.52
1) Water Req. for 10,902 ha	1.96	0.00	0.00	0.00	0.00	0.65	2.51	0.11	9.16	2.51	5.01	5.67
2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Diversion Requirements (m ³ /sec)	1.96	0.00	0.00	0.00	0.00	0.65	2.51	0.11	9.16	2.51	5.01	5.67

Table VII.3.7(14/15) CALCULATION OF TOTAL WATER DIVERSION REQUIREMENT FOR ADDITIONAL NET IRRIGABLE AREA AND EXISTING IRRIGATION SCHEMES (OVERALL PLAN)

Irrigation Area	Month Period	Jan.		Feb.		Mar.		Apr.		May		June	
		1	2	1	2	1	2	1	2	1	2	1	2
		1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End
(A) Left Bank Area	Unit Water Requirements (Usech/ha)	0.23	0.35	0.22	0.00	0.00	0.90	0.76	0.00	0.23	1.50	1.20	1.25
	1) Water Req. for 12,875 ha	2.96	4.51	2.83	0.00	0.00	11.59	9.79	0.00	2.96	19.31	15.45	16.09
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.75
	Total Diversion Requirements (m3/sec)	2.96	4.51	2.83	0.00	0.00	11.59	9.79	0.00	2.96	19.31	15.45	16.84
(B) Right Bank Area	Unit Water Requirements (Usech/ha)	0.23	0.35	0.22	0.00	0.00	0.90	0.76	0.00	0.23	1.50	1.20	1.25
	1) Water Req. for 10,902 ha	2.51	3.82	2.40	0.00	0.00	9.81	8.29	0.00	2.51	16.35	13.08	13.63
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27	1.02	1.34
	Total Diversion Requirements (m3/sec)	2.51	3.82	2.40	0.00	0.00	9.81	8.29	0.00	2.51	17.62	14.10	14.97
Irrigation Area	Month	July		Aug.		Sep.		Oct.		Nov.		Dec.	
	Period	1	2	1	2	1	2	1	2	1	2	1	2
		1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End
		0.60	0.22	0.00	0.00	0.00	0.00	0.34	0.01	0.81	0.23	0.23	0.78
(A) Left Bank Area	Unit Water Requirements (Usech/ha)	7.73	2.83	0.00	0.00	0.00	0.00	4.38	0.13	10.43	2.96	2.96	10.04
	1) Water Req. for 12,875 ha	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2) Additional Supply for Existing Schemes	7.73	2.83	0.00	0.00	0.00	0.00	4.38	0.13	10.43	2.96	2.96	10.04
	Total Diversion Requirements (m3/sec)	7.73	2.83	0.00	0.00	0.00	0.00	4.38	0.13	10.43	2.96	2.96	10.04
(B) Right Bank Area	Unit Water Requirements (Usech/ha)	0.60	0.22	0.00	0.00	0.00	0.00	0.34	0.01	0.81	0.23	0.23	0.78
	1) Water Req. for 10,902 ha	6.54	2.40	0.00	0.00	0.00	0.00	3.71	0.11	8.83	2.51	2.51	8.50
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m3/sec)	6.54	2.40	0.00	0.00	0.00	0.00	3.71	0.11	8.83	2.51	2.51	8.50

Table VII.3.7(15/15) CALCULATION OF TOTAL WATER DIVERSION REQUIREMENT FOR ADDITIONAL NET IRRIGABLE AREA AND EXISTING IRRIGATION SCHEMES (OVERALL PLAN)

Irrigation Area	Month Period	Jan.		Feb.		Mar.		Apr.		May		June	
		1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.
		1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End	1-15	16-End
(A) Left Bank Area	Unit Water Requirements (l/sec/ha)	0.46	0.44	0.69	0.42	0.00	0.00	0.95	0.00	0.10	1.50	1.00	1.50
	1) Water Req. for 12,875 ha	5.92	5.67	8.88	5.41	0.00	0.00	12.23	0.00	1.29	19.31	12.88	19.31
	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(B) Right Bank Area	Total Diversion Requirements (m ³ /sec)	5.92	5.67	8.88	5.41	0.00	0.00	12.23	0.00	1.29	19.31	12.88	19.31
	Unit Water Requirements (l/sec/ha)	0.46	0.44	0.69	0.42	0.00	0.00	0.95	0.00	0.10	1.50	1.00	1.50
	1) Water Req. for 10,902 ha	5.01	4.80	7.52	4.58	0.00	0.00	10.36	0.00	1.09	16.36	10.90	16.36
Irrigation Area	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27	0.57	1.89
	Total Diversion Requirements (m ³ /sec)	5.01	4.80	7.52	4.58	0.00	0.00	10.36	0.00	1.09	17.63	11.47	18.24
	Month	July		Aug.		Sep.		Oct.		Nov.		Dec.	
(A) Left Bank Area	Period	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.	1.	2.
	Unit Water Requirements (l/sec/ha)	0.80	0.67	0.45	0.00	0.00	0.00	0.00	0.00	0.02	0.99	0.00	0.23
	1) Water Req. for 12,875 ha	10.30	8.63	5.79	0.00	0.00	0.00	0.00	0.00	0.26	12.75	0.00	2.96
(B) Right Bank Area	2) Additional Supply for Existing Schemes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m ³ /sec)	10.30	8.63	5.79	0.00	0.00	0.00	0.00	0.00	0.26	12.75	0.00	2.96
	Unit Water Requirements (l/sec/ha)	0.80	0.67	0.45	0.00	0.00	0.00	0.00	0.00	0.02	0.99	0.00	0.23
Irrigation Area	1) Water Req. for 10,902 ha	8.72	7.30	4.91	0.00	0.00	0.00	0.00	0.00	0.22	10.79	0.00	2.51
	2) Additional Supply for Existing Schemes	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Diversion Requirements (m ³ /sec)	8.93	7.30	4.91	0.00	0.00	0.00	0.00	0.00	0.22	10.79	0.00	2.51



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