

## ***TABLES***



Table 1 PWD WATER SUPPLY RECORD FOR 1975

State	Normal Operating Capacity (10 <sup>3</sup> m <sup>3</sup> /d)	Total Quantity of Water Supplied (10 <sup>6</sup> m <sup>3</sup> /y)	Total Quantity of Water Metered (10 <sup>6</sup> m <sup>3</sup> /y)	US Ratio (%)
Perlis	9	3	2	18
Kedah	67	27	17	39
P. Pinang	107	29	25	14
Perak	219	81	58	29
Selangor	376	152	N.A.	N.A.
N. Sembilan	67	27	19	28
Melaka	N.A.	18	15	14
Johor	95	55	45	18
Pahang	58	21	9	54
Trengganu	14	5	4	21
Kelantan	21	8	5	34
Total		426	199	27*

Remarks; \* : Average of 10 states exclud in Selangor.

(1): NA: Not available.

Source; Ref. 5

Table 2 PWD WATER SUPPLY RECORD FOR 1978

State	Normal Operating Capacity (10 <sup>3</sup> m <sup>3</sup> /d)	Total Quantity of Water Supplied (10 <sup>6</sup> m <sup>3</sup> /y)	Total Quantity of Water Metered (10 <sup>6</sup> m <sup>3</sup> /y)	UA Ratio (%)
Perlis	6	3	1	50
Kedah	69	32	19	40
P. Pinang	N.A.	89	73	17
Perak	293	100	68	32
Selangor	581	195	150	23
N. Sembilan	39	31	21	30
Melaka	N.A.	25	20	22
Johor	140	76	54	30
Pahang	89	30	10	67
Trengganu	18	7	6	20
Kelantan	27	10	7	34
Total		598	429	28

Remarks; N.A.: Not available

Source; Ref. 5

Table 3 PER CAPITA PUBLIC WATER SUPPLY BY PWD IN 1978

Unit: lpcd

State	Domestic Supply *1 per Capita	Total Pipe Water Supply per Capita
Perlis	32	48
Kedah	117	176
Pulau Pinang	192	293
Perak	NA	235
Selangor	274	340
Negeri Sembilan	168	212
Melaka	80	149
Johor	148	262
Pahang	126	184
Trengganu	107	128
Kelantan	101	113
Peninsular Malaysia	181 *2	250

Remarks; \*1 : Including the uses of households, religious institutions, charitable organizations and public stand pipes

\*2 : Average excluding Perak State

(1): The figures include unaccounted-for water.

(2): The figures are average values in the States including urban and rural areas.

(3): Supplied by State PWDs, Waterworks Department and Water Authorities

Source; Refs. 1 and 5

Table 4 WATER SUPPLY BY PURPOSE IN PULAU PINANG STATE IN 1979

Unit:  $10^6 \text{ m}^3/\text{y}$

Area	Domestic	Commercial	Total
Pulai Pinang	29	14	43
Seberang Perai	18	20	38
Total	47	34	81

Remarks; (1): Figures are given in terms of metered water consumption.

(2): Supplied by the Pulau Pinang Water Authority.

Source; Ref. 9

Table 5 WATER SUPPLY BY PURPOSE IN SELANGOR STATE IN 1978

Unit: 106 m<sup>3</sup>/y

District	Residential	Part Domestic & Part Commercial	Commercial	*1 Public	Association & Swimming Pool	Ship	Special Use #2	Total
Kuala Lumpur	46	7	16	17	0	0	3	89
Petaling Jaya	8	1	8	0	0	0	0	17
Sabak Bernam	1	0	0	0	0	0	0	1
Kelang	10	1	6	2	0	0	0	19
Kuala Langat	3	0	1	0	0	0	0	4
Ulu Selangor	2	0	0	1	0	0	0	3
Ulu Langat	3	0	0	2	0	0	0	5
Kuala Selangor	2	0	0	0	0	0	0	2

Total

Source : Ref. 10

Remarks : \*1: Includes water use in Government houses for officials, schools and local authority and Government buildings.

\*2: Includes water use in mosques, social welfare and religious houses and for low-income people.

(1): Figures are given in terms of metered water consumption.

(2): Supplied by the Selangor Waterworks Department.

Table 6 WATER SUPPLY BY PURPOSE IN MELAKA STATE IN 1979

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Area	*1 Domestic	Part Domestic & Part Commercial	*2 Commercial	*3 Public	Ship	Special Use *4	Total
Melaka Municipality Council	4	2	1	0	0	0	7
Melaka Tengah	4	1	1	1	1	0	8
Alor Gajah	3	0	0	0	0	1	4
Jasin	2	0	0	0	0	0	2
Total	13	3	2	1	1	1	21

Source ; Ref. 11

\*1: Includes water use at standpipes.

\*2: Includes water use in Government gazzetted industries.

\*3: Includes water use in local Authorities, Terendak Camp Meter and non revenue earning.

\*4: Includes supply to Tampin and raw water supply.

(1): Figures are given in terms of metered water consumption.

(2): Supplied by the Melaka Water Authority.



Table 7 WATER SUPPLY BY PURPOSE IN JOHOR STATE IN 1974

Unit:  $10^6$  m<sup>3</sup>/y

District	Residential	Commercial	Total
Johor Bahru	10	5	15
Muar	5	1	6
Batu Pahat	4	1	5
Kluang	3	1	4
Segamat	2	1	3
Pontian	1	1	2
Kota Tinggi	1	0	1
Mersing	1	0	1
Total	27	10	37

Remarks; (1): Figures are given in terms of metered water consumption.

(2): Supplied by the State PWD.

Source; Ref. 12

Table 8 WATER SUPPLY BY PURPOSE IN KELANTAN STATE IN 1978

Unit:  $10^6$  m<sup>3</sup>/y

District	Domestic	Commercial	Total
Kota Bahru	3	1	4
Pengkalan Chepa	1	0	1
Pasir Puteh	0	0	0
Tumpat	0	0	0
Bachok	0	0	0
Total	4	1	5

Remarks; (1): Figures are given in terms of metered water consumption.

(2): Supplied by the State PWD.

Source; Ref. 13

Table 9 POPULATION COVERED BY RURAL ENVIRONMENTAL  
SANITATION PROGRAM IN 1980

State	Source		Total
	River	Well	
Perlis	281	7,550	7,831
Kedah	39,479	115,250	154,729
P. Pinang	-	3,000	3,000
Perak	13,236	56,700	69,936
Selangor	875	19,700	20,575
N. Sembilan	2,244	19,275	21,519
Melaka	438	11,800	12,238
Johor	1,226	36,475	37,701
Pahang	9,385	34,350	43,735
Trengganu	22,066	50,625	72,691
Kelantan	32,427	78,025	110,452
P. Malaysia	121,657	432,750	554,407

Source; Ref. 57

Table 10 WATER USE OF PALM OIL MILLS AND  
RUBBER FACTORIES IN 1980

State	Palm Oil		Rubber	
	No. of Processing Plants	Water Use (10 <sup>3</sup> m <sup>3</sup> /y)	No. of Processing Plants	Water Use (10 <sup>3</sup> m <sup>3</sup> /y)
Perlis	0	0	0	0
Kedah	1	58	31	1027
Pulau Pinang	3	186	9	316
Perak	24	1978	27	443
Selangor	23	2297	25	3984
Melaka	2	114	11	1385
Negeri Sembilan	7	835	28	3226
Johor	31	4011	50	5248
Trengganu	4	580	17	1628
Kelantan	5	205	1	271
			7	1223
Total	128	13035	206	18751

Source; Ref. 15

Table 11 TIN MINES WATER USE IN 1980

State	No. of Tin Mines	No. of Tin Mines Given Water Licenses	Quantity of Water Allowed to be taken By Licenses (10 <sup>6</sup> m <sup>3</sup> /y)
Perlis	17	0	0
Kedah	18	0	0
Perak	573	90	326
Selangor	187	22	105
Negeri Sembilan	7	0	0
Melaka	8	0	0
Johor	33	5	14
Pahang	31	7	9
Trengganu	15	3	2
Kelantan	0	0	0
<b>Total</b>	<b>889</b>	<b>127</b>	<b>456</b>

Source; Ref. 14

Table 12 NUMBER AND TOTAL PRODUCTION OF TIN MINES FOR 1975 - 1980 PERIOD

	1975	1976	1977	1978	1979	Jan-Mar '80
No. of Tin Mines	910	811	874	936	873	889
Production (ton)	64,364	63,401	58,703	62,650	62,995	15,596

Table 13 QUANTITY OF TREATED WATER SUPPLIED TO SINGAPORE DURING 1970 - 79 PERIOD

<u>Year</u>	<u>Quantity of Water (10<sup>6</sup> m<sup>3</sup>/y)</u>
1970	117.6
1971	138.5
1972	141.7
1973	124.5
1974	175.1
1975	156.4
1976	163.6
1977	164.3
1978	155.5
1979	179.6

Source; Ref. 16

Table 14 WATER TARIFF OF THE STATES IN 1978 (1/4)

Group	Type of Charges	State		
		Perlis	Kedah	P. Pinang
<b>A. DOMESTIC SUPPLIES:</b>				
1.	Residential	\$1.00/1,000 gal.	First 3,000 gal. @\$1.00/1,000 gal. Over 3,000 gal. @\$1.20/1,000 gal.	Up to 5,000 gal. @\$0.60/1,000 gal. Over 5,000 gal. @\$0.95/1,000 gal.
2.	Religious Institutions	- do -	- do -	- do -
3.	Charitable Organization	- do -	- do -	- do -
4.	Public Standpipes	-	-	- do -
5.	Min. Charge per Month	\$1.00	\$1.00	\$2.00
<b>B. COMMERCIAL SUPPLIES:</b>				
1.	Industrial (Bulk Supply Rate)	\$2.00/1,000 gal.	\$2.00/1,000 gal.	First 5x10 <sup>6</sup> gal. @\$1.30/1,000 gal. 5x10 <sup>6</sup> to 10x10 <sup>6</sup> gal. @\$1.10/1,000 gal. 10x10 <sup>6</sup> to 40x10 <sup>6</sup> gal. @\$0.90/1,000 gal. Above 40x10 <sup>6</sup> gal. @\$0.80/1,000 gal.
2.	Construction	- do -	- do -	\$2.00/1,000 gal.
3.	Manufacturing	- do -	- do -	- do -
4.	Swimming Pool	- do -	- do -	-
<b>C. SPECIAL RATE:</b>				
1.	Shipping	\$2.00/1,000 gal.	\$2.50/1,000 gal.	\$3.00/1,000 gal.
<b>D. OTHER SERVICES:</b>				
1.	Connection to Public Main	1"φ - \$12.00 1-1/4"φ to 2"φ - \$18.00 2-1/4"φ to 3"φ - \$24.00 Over 3"φ - \$36.00	\$15.00 per Connection	Less than 3/4"φ - \$60.00 More than 3"φ - Actual cost plus 25%
2.	Fixing Water Meter	\$2.50	-	\$2.00
3.	Disconnection of Water Meter	\$2.50	-	-
4.	Reconnection of Water Meter	\$4.00	\$4.00	\$2.00
5.	Meter Rent	-	-	<u>Size of Meter</u> <u>Bent</u> (for 1 month/ part of month)
				1/2"-3/4"φ - \$2.00 1"φ - \$4.00 1-1/2"φ - \$8.00 2"φ - \$12.00 3"φ - \$16.00 4"φ - \$20.00 6"φ - \$25.00 9"φ - \$40.00 12"φ - \$60.00 15"φ - \$80.00 18"φ - \$100.00 24"φ - \$150.00
6.	Meter Test	\$7.50	\$7.50	\$5.00
7.	Swimming Pool			
	- Test Certificate	\$20.00	\$20.00	\$20.00
	- Annual Renewal	\$5.00	\$5.00	\$2.00
8.	Plumber's Licence	\$25.00	\$25.00	\$25.00
	- Annual Renewal	\$2.00	\$2.00	\$2.00
9.	Pressure Test	-	-	\$30.00
10.	Meter Repair	Actual cost plus 25% overhead charge	Actual cost plus 25% overhead charge	-

Table 15 WATER TARIFF OF THE STATES IN 1978 (2/4)

Group	Type of Charges	State		
		Perak	Selangor	Negeri Sembilan
<b>A. DOMESTIC SUPPLIES:</b>				
1.	Residential	First 4,000 gal. - \$2.40 Over 4,000 gal. @\$1.10/1,000 gal.	\$1.20/1,000 gal.	\$1.20/1,000 gal.
2.	Religious Institutions	- do -	\$0.60/1,000 gal.	In excess of free supply \$0.40/1,000 gal.
3.	Charitable Organization	- do -	- do -	In excess of free supply \$0.60/1,000 gal.
4.	Public Standpipes	0.50/1,000 gal.	\$1.20/1,000 gal.	\$1.20/1,000 gal.
5.	Min. Charge per Month	\$2.40	\$2.40	\$1.00
<b>B. COMMERCIAL SUPPLIES:</b>				
1.	Industrial (Bulk Supply Rate)	\$1.70/1,000 gal.	\$2.00/1,000 gal.	\$2.00/1,000 gal.
2.	Construction	- do -	- do -	- do -
3.	Manufacturing	- do -	- do -	- do -
4.	Swimming Pool	Public-\$1.70/1,000 gal. School-\$1.10/1,000 gal.	\$1.20/1,000 gal.	- do -
<b>C. SPECIAL RATE:</b>				
1.	Shipping	\$1.70/1,000 gal.	\$3.00/1,000 gal.	\$2.00/ton
<b>D. OTHER SERVICES:</b>				
1.	Connection to Public Main	1"ø - \$12.00 2"ø - \$18.00 3"ø - \$24.00 Over 3"ø - \$35.00	Up to 1"ø - \$20.00 1-1/4"ø to 2"ø-Actual cost 2-1/4"ø to 3"ø-Plus 25% Over 3"ø	Up to 1"ø - \$12.00 1-1/4"ø to 2"ø - \$18.00 2-1/4"ø to 3"ø - \$24.00 Over 3"ø - \$36.00
2.	Fixing Water Meter	-	-	\$2.50
3.	Disconnection of Water Meter	-	-	\$2.50
4.	Reconnection of Water Meter	\$4.00	\$4.00	\$4.00
5.	Meter Rent	-	-	-
6.	Meter Test	\$7.50	\$7.50	\$7.50
7.	Swimming Pool - Test Certificate - Annual Renewal	\$20.00 \$5.00	\$20.00 \$5.00	\$20.00 \$5.00
8.	Plumber's Licence - Annual Renewal	\$25.00 \$2.00	\$25.00 \$2.00	\$25.00 \$2.00
9.	Pressure Test	-	\$30.00	\$100.00
10.	Meter Repair	Actual cost plus 25% overhead charge	Actual cost plus 25% overhead charge	Actual cost plus 25% overhead charge

Table 16 WATER TARIFF OF THE STATES IN 1978 (3/4)

Group	Type of Charges	State	
		Melaka	Johor
<b>A. DOMESTIC SUPPLIES:</b>			
1.	Residential	Up to 2,200 gal. - \$2.50 Further 4,400 gal. @\$1.36/1,000 gal.	Up to 5,000 gal. @\$1.00/1,000 gal. Every subsequent 1,000 gal. @\$1.50/1,000 gal.
2.	Religious Institutions	- do -	- do -
3.	Charitable Organization	- do -	- do -
4.	Public Standpipes	\$1.50/1,000 gal.	- do -
5.	Min. Charge per Month	\$2.50	\$2.00
<b>B. COMMERCIAL SUPPLIES:</b>			
1.	Industrial (Bulk Supply Rate)	Up to 2,200 gal. - \$10.00 (min.) Above 2,200 gal. @\$3.00/1,000 gal.	\$2.00/1,000 gal.
2.	Construction	Up to 2,200 gal. - \$7.50 (min.) Above 2,200 gal. @\$2.64/1,000 gal.	- do -
3.	Manufacturing	Up to 2,200 gal. - \$10.00 (min.) Above 2,200 gal. @\$3.00/1,000 gal.	- do -
4.	Swimming Pool	Up to 2,200 gal. - \$5.00 (min.) Above 2,200 gal. @\$1.82/1,000 gal.	- do -
<b>C. SPECIAL RATE:</b>			
1.	Shipping	Up to 2,200 gal. - \$10.00 (min.) Above 2,200 gal. @\$3.00/1,000 gal.	< 100 tons @\$2.00/1,000 gal. > 100 tons @\$5.00/1,000 gal.
<b>D. OTHER SERVICES:</b>			
1.	Connection to Public Main	Up to 3/4" - \$60.00 1" and above - Actual cost plus 25% Minimum - \$90.00	Up to 1" free Over 1" cost plus 25%
2.	Fixing Water Meter	\$10.00	-
3.	Disconnection of Water Meter	\$2.00	-
4.	Reconnection of Water Meter	\$3.00	\$3.00
5.	Meter Rent	1/4" - \$0.50 3/4" - \$1.00 1" - \$2.00 1-1/2" - \$3.00 2" - \$4.00 4" - \$10.00	-
6.	Meter Test	3/4" and below - \$10.00 Exc. 3/4" not Exc. 1-1/2" - \$15.00 Exc. 1-1/2" not Exc. 2-1/2" - \$20.00 Exc. 2-1/2" not Exc. 4" - \$30.00	\$5.00
7.	Swimming Pool - Test Certificate - Annual Renewal	\$20.00 \$5.00	\$20.00 \$5.00
8.	Plumber's Licence - Annual Renewal	\$25.00 \$25.00	\$10.00 \$5.00
9.	Pressure Test	\$50.00	\$125.00
10.	Meter Repair	-	Actual cost plus 25% overhead charge

Table 17 WATER TARIFF OF THE STATES IN 1978 (4/4)

Group	Type of Charges	State		
		Pahang	Trengganu	Kelantan
<b>A. DOMESTIC SUPPLIES:</b>				
1.	Residential	\$1.00/1,000 gal.	\$1.50/1,000 gal.	\$1.00/1,000 gal.
2.	Religious Institutions	In excess of free supply \$1.00/1,000 gal.	In excess of free supply \$1.50/1,000 gal.	- do -
3.	Charitable Organization	- do -	- do -	- do -
4.	Public Standpipes	\$1.00/1,000 gal.	-	-
5.	Min. Charge per Month	\$1.00	\$1.50	\$2.00
<b>B. COMMERCIAL SUPPLIES:</b>				
1.	Industrial (Bulk Supply Rate)	\$2.00/1,000 gal.	\$2.00/1,000 gal. (Min. charge \$4.00)	\$1.50/1,000 gal. (Min. charge \$3.00)
2.	Construction	\$1.60/1,000 gal.	\$2.00/1,000 gal.	\$1.50/1,000 gal.
3.	Manufacturing	\$2.00/1,000 gal.	- do -	- do -
4.	Swimming Pool	-	- do -	-
<b>C. SPECIAL RATE:</b>				
1.	Shipping	\$1.80/ton	\$2.00/1,000 gal.	-
<b>D. OTHER SERVICES:</b>				
1.	Connection to Public Main	\$50.00 for each connection	1"φ - \$12.00 1-1/4"φ to 2"φ - \$18.00 2-1/4"φ to 3"φ - \$24.00 Over 3"φ - \$36.00	1"φ - \$12.00 1-1/4"φ to 2"φ - \$18.00 2-1/4"φ to 3"φ - \$24.00 Over 3"φ - \$36.00 (+ 25% of the overall cost)
2.	Fixing Water Meter	\$3.00	\$2.50	\$2.50
3.	Disconnection of Water Meter	\$3.00	\$2.50	\$2.50
4.	Reconnection of Water Meter	\$5.00 \$8.00 restoration after payment default.	\$4.00	\$4.00
5.	Meter Rent	-	-	Size Domestic Trade 1/2"φ - \$4.00 - \$8.00 3/4"φ - \$12.00 - \$12.00 1"φ - \$15.00 - \$15.00 1-1/2"φ - \$45.00 - \$45.00 2"φ - \$60.00 - \$60.00 3"φ - \$75.00 - \$75.00 4"φ - \$100.00 - \$100.00
6.	Meter Test	\$10.00	\$7.50	\$7.50
7.	Swimming Pool			
	- Test Certificate	\$50.00	-	-
	- Annual Renewal	\$10.00	-	-
8.	Plumber's Licence	\$25.00	\$25.00	\$25.00
	- Annual Renewal	\$5.00	\$2.00	\$2.00
9.	Pressure Test	\$10.00	-	-
10.	Meter Repair	Actual cost plus 25% overhead charge	Actual cost plus 25% overhead charge	Actual cost plus 25% overhead charge



Table 18 HISTORICAL AVERAGE WATER CHARGES  
FOR THE STATES

Unit: M\$/m<sup>3</sup>

States	1970	1971	1972	1973	1974	1975	1976	1977	1978
Perlis	0.25	0.25	0.20	0.14	0.14	0.15	0.19	0.20	0.23
Kedah	0.26	0.24	0.23	0.24	0.21	0.22	0.24	0.20	0.26
Pulau Pinang	0.16	0.16	0.16	0.19	0.22	0.21	0.09	0.21	-
Perak	0.22	0.23	0.23	0.27	0.22	0.23	0.22	0.23	0.22
Selangor	0.31	0.23	0.24	0.26	0.23	0.24	0.32	0.31	0.28
Negeri Sembilan	0.24	0.23	0.27	0.29	0.28	0.28	0.29	0.29	0.28
Melaka	0.24	0.24	0.27	0.29	0.31	-	-	0.38	-
Johor	0.26	0.24	0.26	0.24	0.24	0.23	0.24	0.27	0.28
Pahang	0.25	0.24	0.25	0.22	0.30	0.40	-	0.35	0.43
Trengganu	0.23	0.23	0.21	0.23	0.25	0.24	0.33	0.35	0.35
Kelantan	0.23	0.25	0.24	0.23	0.23	0.23	0.21	0.24	0.24

Source; Ref. 5

Remarks; (1): Water charges of treated water supplied by state PWDs, Waterworks Department and Water Authorities.

(2): Water charges as the average of all kinds of usage i.e.,  
(revenue from metered supply)/(total quantity of water metered)

Table 19 REVENUES AND EXPENDITURES OF WATER SUPPLY IN 1978

Unit: M\$10<sup>6</sup>/y

State	Revenues		Total Revenues	Recurrent *1 Expenditures
	From Metered Supply	From Other Sources		
Perlis	0.31	NA	0.31	1.20
Kedah	4.82	0.04	4.86	3.94
Pulau Pinang	NA	NA	NA	NA
Perak	15.20	0.63	15.83	16.39
Selangor	39.93	0.63	40.56	37.21
Negeri Sembilan	5.95	5.95	11.90	5.06
Melaka	NA	NA	NA	NA
Johor	15.09	0.89	15.98	15.50
Pahang	4.31	0.43	4.74	3.98
Trengganu	2.04	0.13	2.17	1.62
Kelantan	1.57	0.07	1.64	1.47
Total	89.22	8.77	97.99	86.37

Remarks; \*1: Consists of maintenance of water supplies other maintenance expenditures, administration and collection cost and capital charges

Source; Ref. 5

Table 20 SERVICE FACTOR, WATER DEMAND PROJECTION AND SUPPLY CAPACITY PLANNED FOR 1990 BY PWD

State	Service Factor		Water Demand (10 <sup>6</sup> m <sup>3</sup> /y)				Planned Supply Capacity (10 <sup>6</sup> m <sup>3</sup> /y)
	Urban	Rural	Domestic	Industrial & Commercial	Others	Total	
Perlis	-	75	8	1	-	9	14
Kedah	100	84	76	13	33	122	166
P. Pinang	99	90	116	37	-	153	166
Perak	99	85	-	-	-	180	233
Selangor	98	85	316	73	3	392	415
Melaka	100	95	35	10	7	51	54
Negeri Sembilan	93	82	48	4	10	62	75
Johor	100	100	123	25	37	185	223
Pahang	98	86	63	26	2	91	100
Trengganu	95	60	32	5	-	37	47
Kelantan	75	50	18	21	-	39	40
Peninsular Malaysia	97.1	83.2	835	215	92	1,321	1,533

Source; Ref. 1

Table 21 SERVED POPULATION BY RURAL ENVIRONMENTAL  
SANITATION PROGRAM PRELIMINARY PLANNED  
BY MOH FOR 4MP PERIOD

State	1981	1982	1983	1984	1985	Total
Perlis	1,450	2,525	2,525	2,525	2,525	11,550
Kedah	38,420	39,125	32,345	32,345	28,725	167,840
P. Pinang	750	1,125	1,125	1,125	1,125	5,250
Perak	32,324	34,860	35,075	32,850	33,450	168,559
Selangor	-	900	-	-	-	900
N. Sembilan	5,700	3,050	1,950	1,200	1,200	13,100
Melaka	3,400	2,600	1,200	1,300	800	9,300
Johor	5,775	3,200	2,350	2,375	2,075	15,775
Pahang	12,637	13,550	10,000	7,800	8,175	52,162
Trengganu	7,908	16,296	14,014	28,000	29,200	45,418
Kelantan	28,361	41,800	42,700	61,825	65,050	239,736
P. Malaysia	136,725	159,031	143,284	168,225	172,325	779,590

Source; Ref. 58

Table 22 CITIES/TOWNS DEFINED IN THE STUDY

No.	Name	No.	Name	No.	Name
<u>Perlis</u>		<u>Negeri Sembilan</u>		<u>Pahang (2/2)</u>	
C1	Kangar	C28	Port Dickson	C146	Pt 10
<u>Kedah</u>		C29	Seremban	C147	Pt 11
C2	Alor Setar	C30	Kuala Pilah	C148	Pt 12
C3	Sungai Petani	C118	Bahau	C149	Pt 13
C4	Kulim	C119	Tampin	C150	Pt 14
C101	Jitra	<u>Melaka</u>		C151	Pt 15
C102	Gura Chempedak	C31	Melaka	C152	Pt 16
C103	Yan	C120	Kelebang	C153	Pt 17
C104	Tikan Batu	C121	Bukit Baru	C154	Pt 18
<u>Pulau Pinang</u>		<u>Johor</u>		C155	Pt 19
C5	Butterworth	C32	Segamat	C156	Pt 20
C6	Bukit Mertajam	C33	Tangkak	<u>Trengganu</u>	
C8	Georgetown	C34	Muar	C51	Chukai
C105	Air Itam	C35	Batu Pahat	C52	Dungun
C106	Tg. Tokong	C37	Pontian Kechil	C53	Kuala Trengganu
C107	Gelugor	C38	Kulai/Senai	C132	Ulu Trengganu
C108	Tg. Bunga	C39	Johor Bahru	<u>Kelantan</u>	
C109	Kg. Pmtg Kuching	C40	Kota Tinggi	C54	Tanah Merah
C110	Perai	C41	Keluang	C55	Kota Bharu
<u>Perak</u>		C42	Mersing	C56	Peringat
C10	Taiping	C122	Labis	C57	Pengkak Kalong
C11	Kuala Kangsar	C123	Yong Peng	C58	Pasir Mas
C12	Sg. Siput Utara	C124	Pekan Nanas	C133	Kuala Krai
C13	Ipoh	C125	Jementah	C134	Kadok
C14	Batu Gajah	C126	Ulu Tiram	C135	Gua Musang
C15	Kampar	C127	Senai	C136	Rantau Panjang
C17	Telok Anson	C128	Kelapa Sawit	<u>Sabah</u>	
C18	Tapah	C129	Masai	C201	Tawau
C111	Baru Mambang	<u>Pahang (1/2)</u>		C202	Semporna
C112	Bagan Serai	C45	Temerloh	C203	Lahad Datu
C113	Jelapang	C46	Bentong	C204	Sandakan
<u>Selangor + Federal Territory</u>		C47	Kuantan	C205	Kudat
C21	Kuala Kubu Baru	C48	Jerantut	C206	Kota Belud
C22	Kelang	C49	Raub	C207	Ranau
C23	Shah Alam	C50	Kuala Lipis	C208	Kota Kinabalu
C24	Petaling Jaya	C130	Mentakab	C209	Papar
C25	W. Persekutuan: Kuala Lumpur	C131	Teriang	C210	Keningau
C26	Kajang/Chua	C137	Pt 1	C211	Labuan
C114	S. Buloh	C138	Pt 2	<u>Sarawak</u>	
C115	Semenyih	C139	Pt 3	C212	Limbang
C116	Ampang	C140	Pt 4	C223	Marudi
C117	Serdang Baru	C141	Pt 5	C214	Miri
		C142	Pt 6	C215	Bintulu
		C143	Pt 7	C216	Sibu
		C144	Pt 8	C217	Sarikei
		C145	Pt 9	C218	Serian
				C219	Kuching

Remarks; Pt 1-20: Pahang Tengah new towns

Table 23 DISTRICTS DEFINED D&amp;J WATER DEMAND STUDY

State	District	District No.	State	District	District No.	
Perlis	Perlis	1	Melaka	Utara	44	
Kedah	Pulau Langkawi	2		Tengan	45	
	Kulang Pasu	3		Selatan	46	
	Padang Terap	4	Johor	Segamat	47	
	Kota Star	5		Muar	48	
	Pendang	6		Batu Pahat	49	
	Yen	7		Pontian	50	
	Sik	8		Johor Bahru	51	
	Kuala Muda	9		Kota Tinggi	52	
	Baling	10		Kluang	53	
	Kulim	11		Mersing	54	
	Bandar Bharu	12		Pahang	Rompin/Pekan/ Temerloh	55
	P. Pinang	Seberang Perai Utara			13	Bentong
Seberang Perai Tengah		14			Kuantan	59
Selantan		15	Jerantut		60	
Timur Laut		16	Raub		61	
Perak		Bara Daya	17		Lipis	62
	Ulu Perak	18	Cameron Highlands		63	
	Kerian	20	Trengganu	Kemaman	64	
	Larut dan Matang	21		Dungun	65	
	Kuala Kangsar	22		Marang	66	
	Kinta	23		Ulu Trengganu	67	
	Perak Tengah	24		Kuala Trengganu	68	
	Dinding	25	Besut	69		
	Hilir Perak	26	Kelantan	Ulu Kelantan/ Kuala Krai	70	
	Batang Padang	27		Pasir Puteh	71	
Selangor	Sabak Bernam	28		Machang	72	
	Kuala Selangor	29		Tanah Merah	73	
	Ulu Selangor	30		Bachok	74	
	Gombak	31		Kota Bahru	75	
	Klang	32		Pasir Mas	76	
	Petaling	33		Tumpat	77	
	Federal Territory	34				
	Ulu Langat	35				
	Kuala Langat	36				
	Sepang	37				
N. Sembilan	Port Dickson	38				
	Seremban	39				
	Jejebu	40				
	Kuala Pilah/ Jempol	41				
	Rembau	42				
	Tampin	43				

Table 24 ASSUMED UNACCOUNTED WATER RATIO

Unaccounted-for water ratio is 20% for all the cities/towns and rural areas except the following cities/towns:

City No.	Cit/Town	UA Ratio (%)
8	Georgetown	15.0
38	Kulai	12.7
127	Senai	12.7
39	Johor Bahru	12.7
42	Mersing	17.9
45	Temerloh	18.9
130	Montakab	18.9

Source; Ref. 5

Table 25 HISTORICAL AND PROJECTED POPULATION OF DISTRICTS BY CITY/TOWN AND RURAL AREA IN THE STATE OF PERLIS

District	City/Rural	Unit: 10 <sup>3</sup> persons			
		Historical 1980	Projected 1985 1990 2000		
Perlis	1. Kangan	14	16	19	26
	Rural	143	155	164	171
	District Total	157	171	183	197
Total	Urban Total	14	16	19	26
	Rural Total	143	155	164	171
	State Total	157	171	183	197

Table 26 HISTORICAL AND PROJECTED POPULATION OF DISTRICTS BY CITY/TOWN AND RURAL AREA IN THE STATE OF KEDAH

Unit: 10<sup>3</sup> persons

District	City/Rural	Historical	Projected		
		1980	1985	1990	2000
Pulau Langkawi	Rural	31	34	36	38
Kulang Pasu	101. Jitra	15	21	27	41
	Rural	125	127	128	129
	District Total	140	148	155	170
Padang Terap	Rural	45	52	57	61
Kota Setar	2. Alor Setar	76	79	85	100
	Rural	229	257	277	294
	District Total	305	336	362	394
Pandang	Rural	82	86	89	91
Yan	102. Guar Chempedak	9	10	11	15
	103. Yan	6	7	9	13
	Rural	49	50	50	50
	District Total	64	67	70	78
Sik	Rural	47	50	51	53
Kuala Muda	3. Sg. Petani	49	55	62	79
	104. Tikan Batu	4	7	9	14
	Rural	156	169	179	186
	District Total	209	231	250	279
Baling	Rural	115	118	119	120
Kulim	4. Kulim	29	34	40	54
	Rural	73	73	73	73
	District Total	102	107	113	127
Bandar Bahru	Rural	34	34	34	34
Total	Urban Total	188	213	243	316
	Rural Total	986	1,050	1,093	1,129
	State Total	1,174	1,263	1,336	1,445



Table 27 HISTORICAL AND PROJECTED POPULATION OF DISTRICTS BY CITY/TOWN AND RURAL AREA IN THE STATE OF PULAU PINANG

Unit: 10<sup>3</sup> persons

District	City/Rural	Historical	Projected		
		1980	1985	1990	2000
Utara	5. Butterworth	82	92	103	121
	109. Kg. PMTG Kuching	11	13	16	20
	Rural	120	130	133	128
	District Total	213	235	252	269
Tengah	6. Bk. Mertajam	30	31	33	38
	110. Perai	10	12	13	15
	Rural	132	163	176	158
	District Total	172	206	222	211
Selatan	Rural	78	84	86	83
Timur Laut	8. Georgetown	267	258	262	294
	105. Air Itam	39	47	54	65
	106. Tg. Tokong	15	17	18	21
	107. Gelugor	14	17	20	25
	108. Tg. Bunga	12	13	14	17
	Rural	76	97	106	94
District Total	423	449	474	516	
Barat Daya	Rural	83	94	99	93
Total	Urban Total	480	500	533	616
	Rural Total	489	568	600	556
	State Total	969	1,068	1,133	1,172

Table 28 HISTORICAL AND PROJECTED POPULATION OF DISTRICTS BY CITY/TOWN AND RURAL AREA IN THE STATE OF PERAK

Unit: 10<sup>3</sup> persons

District	City/Rural	Historical	Projected		
		1980	1985	1990	2000
Ulu Perak	Rural	74	78	78	59
Krian	112. Bagan Serai	10	10	11	13
	Rural	158	159	159	146
	District Total	168	169	170	159
Larut Dan Metang	10. Taiping	159	205	247	313
	Rural	111	96	97	210
	District Total	270	301	344	523
Kuala Kangsar	11. Kuala Kangsar	16	15	16	18
	12. Sg. Siput Utara	25	27	28	33
	Rural	112	112	112	107
	District Total	153	154	156	158
Kinta	13. Ipoh	320	346	377	446
	14. Batu Gajah	12	12	12	14
	15. Kampar	27	26	27	30
	111. Baru Mambang	10	11	11	13
	113. Jelapang	9	9	10	12
	Rural	233	252	240	163
	District Total	611	656	677	678
Perak Tengah	Rural	79	79	79	76
Dinding	Rural	155	161	161	129
Hilir Perak	17. Telok Anson	53	55	59	69
	Rural	166	171	171	142
	District Total	219	226	230	211
Batang Padang	18. Tapah	10	10	11	12
	Rural	136	144	144	105
	District Total	146	154	155	117
Total	Urban Total	651	726	809	973
	Rural Total	1,224	1,252	1,241	1,137
	State Total	1,875	1,978	2,050	2,110

Table 29

HISTORICAL AND PROJECTED POPULATION OF  
DISTRICTS BY CITY/TOWN AND RURAL AREA  
IN THE STATE OF SELANGOR

Unit: 10<sup>3</sup> persons

District	City/Rural	Historical	Projected		
		1980	1985	1990	2000
Sabak Bernam	Rural	112	114	114	112
Kuala Selangor	Rural	123	126	127	122
Ulu Selangor	21. Kuala Kubu Baru	11	12	13	16
	Rural	78	81	82	77
	District Total	89	93	95	93
Gombak	Rural	171	244	273	160
Kelang	22. Kelang	209	271	359	613
	Rural	94	97	97	93
	District Total	303	368	456	706
Petaling	23. Shah Alam	26	42	66	141
	24. Petaling Jaya	232	337	484	927
	114. Sg. Buloh	6	7	9	13
	Rural	115	123	125	114
District Total	379	509	684	1,195	
Federal Territory	25. Bandaraya Kl	998	1,179	1,419	2,039
	116. Ampang	14	14	15	18
	117. Serdang Baru	18	19	21	25
	Rural	0	0	0	0
District Total	1,030	1,212	1,455	2,082	
Ulu Langat	26. Kajang Chua	32	37	43	58
	115. Semenyih	10	11	12	14
	Rural	152	201	220	144
	District Total	194	249	275	216
Kuala Langat	Rural	111	119	122	110
Sepang	Rural	50	54	56	49
Total	Urban Total	1,556	1,929	2,441	3,864
	Rural Total	1,006	1,159	1,216	981
	State Total	2,562	3,088	3,657	4,845

Table 30

HISTORICAL AND PROJECTED POPULATION OF  
DISTRICTS BY CITY/TOWN AND RURAL AREA  
IN THE STATE OF NEGERI SEMBILAN

Unit: 10<sup>3</sup> persons

District	City/Rural	Historical	Projected		
		1980	1985	1990	2000
Port Dickson	28. Port Dickson	26	34	43	64
	Rural	65	64	65	70
	District Total	91	98	108	134
Seremban	29. Seremban	145	175	210	290
	Rural	76	72	74	104
	District Total	221	247	284	394
Jelebu	Rural	40	42	41	28
Kuala Pilah	30. Kuala Pilah	13	13	14	16
	118. Bahau	11	12	13	16
	Rural	123	131	126	78
	District Total	147	156	153	110
Pembau	Rural	39	38	39	42
Tampin	119. Tampin	10	11	12	14
	Rural	52	56	53	33
	District Total	62	67	65	47
Total	Urban Total	205	245	292	400
	Rural Total	395	403	398	355
	State Total	600	648	690	755

Table 31 HISTORICAL AND PROJECTED POPULATION OF DISTRICTS BY CITY/TOWN AND RURAL AREA IN THE STATE OF MELAKA

Unit: 10<sup>3</sup> persons

District	City/Rural	Historical	Projected		
		1980	1985	1990	2000
Utara	Rural	122	123	123	123
Tengah	31. Melaka	94	94	98	112
	120. Kelebang	9	10	11	13
	121. Bukit Baru	19	20	22	26
	Rural	145	165	175	168
	District Total	267	289	306	319
Selatan	Rural	94	96	97	97
Total	Urban Total	122	124	131	151
	Rural Total	361	384	395	388
	State Total	483	508	526	539

Table 32 HISTORICAL AND PROJECTED POPULATION OF DISTRICTS BY CITY/TOWN AND RURAL AREA IN THE STATE OF JOHOR

Unit: 10<sup>3</sup> persons

District	City/Rural	Historical	Projected		
		1980	1985	1990	2000
Segamat	32. Segamat	37	49	64	104
	122. Labis	12	12	14	17
	125. Jementah	8	9	10	12
	Rural	107	111	113	106
	District Total	164	181	201	239
Muar	33. Tangkak	14	15	16	19
	34. Muar	70	72	77	90
	Rural	228	232	233	227
	District Total	312	319	326	336
Batu Pahat	35. Batu Pahat	70	78	88	114
	123. Yong Peng	11	11	12	14
	Rural	215	223	225	214
	District Total	296	312	325	342
Pontian	37. Pontian Kechil	22	32	44	75
	124. Pekan Nanas	10	10	11	13
	Rural	98	96	95	98
	District Total	130	138	150	186
Johor Bahru	38. Kulai	26	35	47	78
	39. Johor Bahru	266	343	439	686
	126. Ulu Tiram	7	10	12	20
	127. Senai	7	9	10	15
	128. Kelapa Sawit	7	8	9	12
	129. Masai	6	9	12	22
	Rural	125	130	131	124
	District Total	444	544	660	957
Kota Tinggi	40. Kota Tinggi	15	18	22	34
	Rural	102	126	134	99
	District Total	117	144	156	133
Keluang	41. Keluang	55	60	67	84
	Rural	142	166	174	139
	District Total	197	226	241	223
Mersing	42. Mersing	15	19	25	41
	Rural	30	31	31	30
	District Total	45	50	56	71
Total	Urban Total	658	799	979	1,450
	Rural Total	1,047	1,115	1,136	1,037
	State Total	1,705	1,914	2,115	2,487

Table 33 HISTORICAL AND PROJECTED POPULATION OF DISTRICTS BY CITY/TOWN AND RURAL AREA IN THE STATE OF PAHANG (1/2)

Unit: 10<sup>3</sup> persons

District	City/Rural	Historical	Projected		
		1980	1985	1990	2000
Rompin/Pekan/ Temerloh	137. PT 1	15	28	31	31
	138. PT 2	2	8	12	16
	139. PT 3	-	4	8	10
	140. PT 4	1	8	9	12
	141. PT 5	1	7	13	17
	142. PT 6	4	24	33	42
	143. PT 7	-	7	8	10
	144. PT 8	4	7	19	21
	145. PT 9	4	8	9	10
	146. PT 10	4	9	10	10
	147. PT 11	3	11	13	15
	148. PT 12	19	23	25	25
	149. PT 13	-	2	8	11
	150. PT 14	-	20	24	24
	151. PT 15	-	19	23	23
	152. PT 16	-	-	11	14
	153. PT 17	11	12	12	12
	154. PT 18	8	10	10	10
	155. PT 19	5	6	12	12
	156. PT 20	-	1	33	33
130. Mentakab	9	11	13	18	
45. Temerloh	15	16	18	22	
131. Teriang	9	10	12	17	
	Rural	218	93	20	13
	District Total	332	344	386	428
Bentong	46. Bentong	25	25	27	30
	Rural	54	89	104	117
	District Total	79	114	131	147
Kuantan	47. Kuantan	145	224	333	653
	Rural	42	29	26	24
	District Total	187	253	359	677
Jerantut	48. Jerantut	7	9	11	17
	Rural	69	135	163	186
	District Total	76	144	174	203

Remarks; PT 1 - 20 : Palang Tenggara new towns

Table 34 HISTORICAL AND PROJECTED POPULATION OF DISTRICTS BY CITY/TOWN AND RURAL AREA IN THE STATE OF PAHANG (2/2)

Unit: 10<sup>3</sup> persons

District	City/Rural	Historical	Projected		
		1980	1985	1990	2000
Raub	49. Raub	25	27	30	38
	Rural	43	40	38	37
	District Total	68	67	68	75
Lipis	50. Kuala Lipis	11	11	12	14
	Rural	46	44	42	42
	District Total	57	55	54	56
Cameron Highland	Rural	21	28	30	33
Total	Urban Total	327	547	779	1,167
	Rural Total	493	458	423	452
	State Total	820	1,005	1,202	1,619

Table 35 HISTORICAL AND PROJECTED POPULATION OF DISTRICTS BY CITY/TOWN AND RURAL AREA IN THE STATE OF TRENGGANU

Unit: 10<sup>3</sup> persons

District	City/Rural	Historical	Projected		
		1980	1985	1990	2000
Kemaman	51. Chukai	17	19	22	28
	Rural	53	58	69	53
	District Total	70	77	91	81
Dungun	52. Dungun	32	40	52	84
	Rural	33	29	16	3
	District Total	65	69	68	87
Marang	Rural	28	30	35	33
Ulu Trengganu	132. Ulu Trengganu	5	7	10	17
	Rural	44	47	53	44
	District Total	49	54	63	61
Kuala Trengganu	53. Kuala Trengganu	199	281	377	611
	Rural	57	42	14	2
	District Total	256	323	391	613
Besut	Rural	110	115	115	68
Total	Urban Total	253	347	461	740
	Rural Total	325	321	302	203
	State Total	578	668	763	943



Table 36 HISTORICAL AND PROJECTED POPULATION OF DISTRICTS BY CITY/TOWN AND RURAL AREA IN THE STATE OF KELANTAN

Unit: 10<sup>3</sup> persons

District	City/Rural	Historical	Projected		
		1980	1985	1990	2000
Ulu Kelantan	133. Kuala Krai	14	19	26	46
	135. Gua Musang	6	8	10	17
	Rural	68	74	74	59
	District Total	88	101	110	122
Pasir Puteh	Rural	89	94	95	80
Machang	Rural	63	65	66	58
Tanah Merah	54. Tanah Merah	10	11	13	18
	Rural	76	85	86	61
	District Total	86	96	99	79
Bacjok	Rural	82	88	89	71
Kota Bahru	55. Kota Bahru	182	255	344	567
	56. Peringat	15	17	18	23
	57. Pangkal Kalong	24	30	37	56
	134. Kadok	13	14	17	22
	Rural	65	53	52	97
District Total	299	369	468	765	
Pasir Mas	58. Pasir Mas	15	16	18	23
	136. Rantau Panjang	5	7	8	12
	Rural	110	116	117	98
District Total	130	139	143	133	
Tumpat	Rural	95	101	102	84
Total	Urban Total	284	377	491	784
	Rural Total	648	676	681	608
	State Total	932	1,053	1,172	1,392

Table 37

HISTORICAL AND PROJECTED POPULATION OF  
DISTRICTS BY CITY/TOWN AND RURAL AREA  
IN THE STATE OF PERLIS PINANG UNDER THE  
CONDITION OF LOWER ECONOMIC GROWTH

Unit: 10<sup>3</sup> persons

District	City/Rural	Historical	Projected		
		1980	1985	1990	2000
Perlis	1. Kangar	14	16	18	22
	Rural	143	156	166	181
	District Total	157	172	184	203
Total	Urban Total	14	16	18	22
	Rural Total	143	156	166	181
	State Total	157	172	184	203

Table 38

HISTORICAL AND PROJECTED POPULATION OF  
DISTRICTS BY CITY/TOWN AND RURAL AREA  
IN THE STATE OF KEDAH UNDER THE  
CONDITION OF LOWER ECONOMIC GROWTH

Unit: 10<sup>3</sup> persons

District	City/Rural	Historical	Projected		
		1980	1985	1990	2000
Pulau Langkawi	Rural	31	34	37	40
Kulang Pasu	101. Jitra	15	21	26	34
	Rural	125	127	129	130
	District Total	140	148	155	164
Padang Terap	Rural	45	52	58	66
Kota Setar	2. Alor Setar	76	78	80	83
	Rural	229	258	283	316
	District Total	305	336	363	399
Pandang	Rural	82	86	90	94
Yen	102. Guar Chempedak	9	10	11	12
	103. Yan	6	7	9	10
	Rural	49	50	50	51
	District Total	64	67	70	73
Sik	Rural	47	50	52	55
Kuala Muda	3. Sg. Petani	49	54	59	66
	104. Tikan Batu	4	6	8	11
	Rural	156	170	181	196
	District Total	209	230	248	273
Baling	Rural	115	118	120	122
Kulim	4. Kulim	29	34	38	44
	Rural	73	73	73	72
	District Total	102	107	111	116
Bandar Bahru	Rural	34	34	34	34
Total	Urban Total	188	210	231	260
	Rural Total	986	1,052	1,107	1,176
	State Total	1,174	1,262	1,338	1,436

Table 39

HISTORICAL AND PROJECTED POPULATION OF  
DISTRICTS BY CITY/TOWN AND RURAL AREA  
IN THE STATE OF PULAU PINANG UNDER THE  
CONDITION OF LOWER ECONOMIC GROWTH

Unit: 10<sup>3</sup> persons

District	City/Rural	Historical	Projected		
		1980	1985	1990	2000
Utara	5. Butterworth	82	91	97	101
	109. Kg. PMTG Kuching	11	13	15	16
	Rural	120	130	136	139
	District Total	213	234	248	256
Tengah	6. Bk. Mertajam	30	31	31	31
	110. Perai	10	11	12	13
	Rural	132	165	188	202
	District Total	172	207	231	246
Selatan	Rural	78	84	87	89
Timur Laut	8. Georgetown	267	255	248	243
	105. Air Itam	39	46	51	54
	106. Tg. Tokong	15	16	17	18
	107. Gelugor	14	17	19	21
	108. Tg. Bunga	12	13	14	14
	Rural	76	98	114	124
	District Total	423	445	463	474
Barat Daya	Rural	83	95	103	107
Total	Urban Total	480	493	504	511
	Rural Total	489	572	628	661
	State Total	969	1,065	1,132	1,172

Table 40 HISTORICAL AND PROJECTED POPULATION OF DISTRICTS BY CITY/TOWN AND RURAL AREA IN THE STATE OF PERAK UNDER THE CONDITION OF LOWER ECONOMIC GROWTH

Unit: 10<sup>3</sup> persons

District	City/Rural	Historical	Projected		
		1980	1985	1990	2000
Ulu Perak	Rural	74	79	82	85
Krian	112. Bagan Serat	10	10	11	11
	Rural	158	159	160	160
	District Total	168	169	171	171
Larut Dan Matang	10. Taiping	159	203	233	259
	Rural	111	93	84	78
	District Total	270	296	317	337
Kuala Kangsar	11. Kuala Kangsar	16	15	15	15
	12. Sg. Siput Utara	25	26	27	28
	Rural	112	111	111	110
	District Total	153	152	153	153
Kinta	13. Ipoh	320	342	357	370
	14. Batu Gajah	12	11	11	11
	15. Kampar	27	26	25	25
	111. Baru Mambang	10	11	11	11
	Rural	242	267	282	295
	District Total	611	657	686	712
Perak Tengah	Rural	79	78	78	77
Dinding	Rural	155	163	167	171
Hilir Perak	17. Telok Anson	53	55	56	57
	Rural	166	172	176	179
	District Total	219	227	232	236
Batang Padang	18. Tapah	10	10	10	10
	Rural	136	146	152	158
	District Total	146	156	162	168
Total	Urban Total	642	709	756	797
	Rural Total	1,233	1,268	1,292	1,313
	State Total	1,875	1,977	2,048	2,110

Table 41 HISTORICAL AND PROJECTED POPULATION OF DISTRICTS BY CITY/TOWN AND RURAL AREA IN THE STATE OF SELANGOR UNDER THE CONDITION OF LOWER ECONOMIC GROWTH

Unit: 10<sup>3</sup> persons

District	City/Rural	Historical	Projected		
		1980	1985	1990	2000
Sabak Bernam	Rural	112	114	115	115
Kuala Selangor	Rural	123	126	128	129
Ulu Selangor	21. Kuala Kubu Baru	11	12	12	13
	Rural	78	82	84	87
	District Total	89	94	96	100
Gombak	Rural	171	254	340	500
Kelang	22. Kelang	209	269	340	508
	Rural	94	97	99	100
	District Total	303	366	439	608
Petaling	23. Shah Alam	26	42	62	117
	24. Petaling Jaya	232	333	458	768
	114. S. Buloh	6	7	9	11
	Rural	115	124	130	138
	District Total	379	506	659	1,034
Federal Territor	25. Bandaraya Kl	998	1,167	1,343	1,691
	116. Ampang	14	14	14	15
	117. Serdang Baru	18	19	20	21
	Rural	0	0	0	0
District Total	1,030	1,200	1,377	1,727	
Ulu Langat	26. Kajang Chua	32	36	40	48
	115. Semenyih	10	11	11	12
	Rural	152	207	265	375
	District Total	194	254	316	435
Kuala Langat	Rural	111	120	127	135
Sepang	Rural	50	55	58	63
Total	Urban Total	1,556	1,910	2,309	3,204
	Rural Total	1,006	1,179	1,346	1,642
	State Total	2,562	3,089	3,655	4,846

Table 42 HISTORICAL AND PROJECTED POPULATION OF DISTRICTS BY CITY/TOWN AND RURAL AREA IN THE STATE OF NEGERI SEMBILAN UNDER THE CONDITION OF LOWER ECONOMIC GROWTH

Unit: 10<sup>3</sup> persons

District	City/Rural	Historical	Projected		
		1980	1985	1990	2000
Port Dickson	28. Port Dickson	26	33	41	53
	Rural	65	63	62	60
	District Total	91	96	103	113
Seremban	29. Seremban	145	173	198	240
	Rural	76	71	67	63
	District Total	221	244	265	303
Jejebu	Rural	40	43	45	48
Kuara Pilah	30. Kuara Pilah	13	13	13	13
	Rural	60	57	55	53
	District Total	73	70	68	66
Pembau	Rural	39	38	37	36
Tampin	119. Tampin	10	11	11	12
	Rural	52	57	61	65
	District Total	62	68	72	77
Jempol	118. Bahau	11	12	12	13
	Rural	63	77	87	99
	District Total	74	89	99	112
Total	Urban Total	205	242	275	331
	Rural Total	395	406	414	424
	State Total	600	648	689	755

Table 43

HISTORICAL AND PROJECTED POPULATION OF  
DISTRICTS BY CITY/TOWN AND RURAL AREA  
IN THE STATE OF MELAKA UNDER THE  
CONDITION OF LOWER ECONOMIC GROWTH

Unit: 10<sup>3</sup> persons

District	City/Rural	Historical	Projected		
		1980	1985	1990	2000
Utara	Rural	122	123	123	124
Tengah	31. Melaka	94	93	93	93
	120. Kelebang	9	10	10	11
	121. Bukit Baru	19	20	21	22
	Rural	145	166	181	191
	District Total	267	289	305	317
Selantan	Rural	94	96	98	99
Total	Urban Total	122	123	124	126
	Rural Total	361	385	402	414
	State Total	483	508	526	540



Table 44 HISTORICAL AND PROJECTED POPULATION OF DISTRICTS BY CITY/TOWN AND RURAL AREA IN THE STATE OF JOHOR UNDER THE CONDITION OF LOWER ECONOMIC GROWTH.

Unit: 10<sup>3</sup> persons

District	City/Rural	Historical		Projected	
		1980	1985	1990	2000
Segamat	32. Segamat	37	48	61	87
	122. Labis	12	12	13	14
	125. Jementah	8	8	9	10
	Rural	107	112	116	121
	District Total	164	180	199	232
Muar	33. Tangkak	14	15	15	16
	34. Muar	70	71	73	74
	Rural	228	233	236	240
	District Total	312	319	324	330
Batu Pahat	35. Batu Pahat	70	77	83	94
	123. Yong Peng	11	11	11	12
	Rural	215	224	230	240
	District Total	296	312	324	346
Pontian	37. Pontian Kechil	22	31	41	62
	124. Pekan Nanas	10	10	10	10
	Rural	98	95	93	91
	District Total	130	136	144	163
Johor Bahru	38. Kulat	26	35	44	65
	39. Johor Bahru	266	339	416	569
	126. Ulu Tiram	7	10	12	16
	127. Senai	7	8	10	12
	129. Masai	6	9	12	18
	Rural	132	138	143	150
	District Total	444	539	637	830
Kota Tinggi	40. Kota Tinggi	15	18	21	28
	Rural	102	129	153	191
	District Total	117	147	174	219
Keluang	41. Keluang	55	59	63	69
	Rural	142	169	194	232
	District Total	197	228	257	301
Mersing	42. Mersing	15	19	24	34
	Rural	30	31	32	32
	District Total	45	50	56	66
Total	Urban Total	651	780	918	1,190
	Rural Total	1,054	1,131	1,197	1,297
	State Total	1,705	1,911	2,115	2,487

Table 45

HISTORICAL AND PROJECTED POPULATION OF  
DISTRICTS BY CITY/TOWN AND RURAL AREA  
IN THE STATE OF PAHANG UNDER THE  
CONDITION OF LOWER ECONOMIC GROWTH (1/2)

Unit: 10<sup>3</sup> persons

District	City/Rural	Historical	Projected		
		1980	1985	1990	2000
Rompin/Pekan/ Temerloh	137. PT 1	15	25	28	28
	138. PT 2	2	7	11	14
	139. PT 3	-	4	7	9
	140. PT 4	1	7	8	11
	141. PT 5	1	6	12	15
	142. PT 6	4	22	30	38
	143. PT 7	-	6	7	9
	144. PT 8	4	6	17	19
	145. PT 9	4	7	8	9
	146. PT 10	4	8	9	9
	147. PT 11	3	10	12	14
	148. PT 12	19	21	23	23
	149. PT 13	-	2	7	10
	150. PT 14	-	18	22	22
	151. PT 15	-	17	21	21
	152. PT 16	-	-	10	13
	153. PT 17	11	11	11	11
	154. PT 18	8	9	9	9
	155. PT 19	5	5	11	11
	156. PT 20	-	1	30	30
130. Mentakab	9	11	12	15	
45. Temerloh	15	16	17	18	
131. Teriang	9	10	11	14	
Rural	218	117	62	106	
District Total		332	346	395	478
Bentong	46. Bentong	25	25	25	25
	Rural	54	90	109	147
	District Total	79	115	134	172
Kuantan	47. Kuantan	145	222	316	541
	Rural	42	29	25	21
	District Total	187	251	341	562
Jerantut	48. Jerantut	7	9	11	14
	Rural	69	136	172	236
	District Total	76	145	183	250

Remarks; PT 1 - 20 : Pahang Tenggara new towns.

Total 46

HISTORICAL AND PROJECTED POPULATION OF  
DISTRICTS BY CITY/TOWN AND RURAL AREA  
IN THE STATE OF PAHANG UNDER THE  
CONDITION OF LOWER ECONOMIC GROWTH (2/2)

Unit: 10<sup>3</sup> persons

District	City/Rural	Historical	Projected		
		1980	1985	1990	2000
Raub	49. Raub	25	27	29	31
	Rural	43	40	38	35
	District Total	68	67	67	66
Lipis	50. Kuala Lipis	11	11	11	12
	Rural	46	44	42	40
	District Total	57	55	53	52
Cameron Highland	Rural	21	28	31	38
Total	Urban Total	327	523	725	995
	Rural Total	493	484	479	623
	State Total	820	1,007	1,204	1,618

Table 47 HISTORICAL AND PROJECTED POPULATION OF DISTRICTS BY CITY/TOWN AND RURAL AREA IN THE STATE OF TRENGGANU UNDER THE CONDITION OF LOWER ECONOMIC GROWTH

Unit: 10<sup>3</sup> persons

District	City/Rural	Historical	Projected		
		1980	1985	1990	2000
Kemaman	51. Chukai	17	19	21	24
	Rural	53	53	51	42
	District Total	70	72	72	66
Dungun	52. Dungun	32	40	49	69
	Rural	33	33	34	38
	District Total	65	73	83	107
Marang	Rural	28	28	27	24
Ulu Trengganu	132. Ulu Trengganu	5	7	9	14
	Rural	44	44	43	37
	District Total	49	51	52	51
Kuala Trengganu	53. Kuala Trengganu	199	278	357	506
	Rural	57	57	64	94
	District Total	256	335	421	600
Besut	Rural	110	110	107	96
Total	Urban Total	253	344	436	613
	Rural Total	325	325	326	331
	State Total	578	669	762	944

Table 48 HISTORICAL AND PROJECTED POPULATION OF DISTRICTS BY CITY/TOWN AND RURAL AREA IN THE STATE OF KELANTAN UNDER THE CONDITION OF LOWER ECONOMIC GROWTH

Unit: 10<sup>3</sup> persons

District	City/Rural	Historical	Projected		
		1980	1985	1990	2000
Ulu Kelantan	135. Gua Musang	6	8	10	14
	Rural	10	12	14	16
	District Total	16	20	24	30
Posir Puteh	Rural	89	95	99	104
Machang	Rural	63	66	68	70
Tanah Merah	54. Tanah Merah	10	11	13	15
	Rural	76	86	94	104
	District Total	86	97	107	119
Bachok	Rural	82	89	94	101
Kota Bharu	55. Kota Bharu	182	252	326	470
	56. Peringat	15	16	17	19
	57. Pangkal Kalong	24	29	35	46
	134. Kadok	13	14	16	18
	Rural	65	51	44	36
	District Total	299	362	438	589
Pasir Mas	58. Pasir Mas	15	16	17	19
	Rural	115	123	129	137
	District Total	130	139	146	156
Tumpat	Rural	95	102	107	114
Kuala Krai	133. Kuala Krai	14	19	25	38
	Rural	58	62	65	69
	District Total	72	81	90	107
Total	Urban Total	279	365	459	639
	Rural Total	653	686	714	751
	State Total	932	1,051	1,173	1,390

Table 49 PROJECTED SERVICE FACTOR FOR URBAN AREA

Population Size (10 <sup>3</sup> )	Unit: %			
	1980	1985	1990	2000
<u>Except for Kelantan State</u>				
More than 100	100	100	100	100
100 - 10	80	85	90	100
<u>Kelantan State</u>				
Kota Bharu	80	85	90	100
Others	40	55	70	100

Table 50 PROJECTED SERVICE FACTOR FOR URBAN AREA UNDER  
THE CONDITION OF LOWER ECONOMIC GROWTH

Population Size (10 <sup>3</sup> )	Unit: %			
	1980	1985	1990	2000
<u>Except for Kelantan State</u>				
More than 100	100	100	100	100
100 - 10	80	85	90	95
<u>Kelantan State</u>				
Kota Bharu	80	85	90	95
Others	40	65	75	90

Table 51

PROJECTED SERVICE FACTOR FOR RURAL AREA FOR  
PWD WATER SUPPLY AND MOH SUPPLY THROUGH RESP

Unit: %

State	1980			1985			1990			2000		
	PWD	MOH	Total	PWD	MOH	Total	PWD	MOH	Total	PWD	MOH	Total
Perlis	75.0	5.5	80.5	75.0	12.5	87.5	75.1	17.9	93.0	75.0	25.0	100.0
Kedah	28.0	16.0	44.0	54.0	30.7	84.7	60.8	34.2	95.0	64.4	35.6	100.0
P. Pinang	78.0	0.6	78.6	84.0	1.5	85.5	89.4	2.6	92.0	95.2	4.8	100.0
Perak	55.0	5.7	60.7	70.0	19.0	89.0	76.3	20.7	97.0	78.7	21.3	100.0
Selangor	65.0	2.0	67.0	75.0	1.9	76.9	84.3	1.7	86.0	99.0	1.0	100.0
N. Sembilan	66.0	5.4	71.4	74.0	8.6	82.6	79.0	72.0	91.0	81.2	18.8	100.0
Melaka	70.0	3.4	73.4	82.5	5.6	88.1	87.7	7.8	95.5	88.2	11.8	100.0
Johor	28.0	3.6	31.6	54.0	4.8	58.8	74.1	3.9	78.0	100.0	0.0	100.0
Pahang	47.0	8.9	55.9	66.5	20.9	87.4	72.7	22.8	95.5	76.1	23.9	100.0
Trengganu	25.0	22.4	47.4	42.5	52.4	94.9	44.4	54.6	99.0	44.8	55.2	100.0
Kelantan	16.0	17.0	33.0	33.0	51.8	84.8	37.0	58.0	95.0	38.9	61.1	100.0
P. Malaysia	46.7	7.9	54.6	63.5	17.7	81.2	72.1	19.0	91.1	79.9	20.1	100.0

Table 52

PROJECTED SERVICE FACTOR FOR RURAL AREA FOR  
PWD WATER SUPPLY AND MOH SUPPLY THROUGH RESP  
UNDER THE CONDITION OF LOWER ECONOMIC GROWTH

Unit: %

State	1980			1985			1990			2000		
	PWD	MOH	Total	PWD	MOH	Total	PWD	MOH	Total	PWD	MOH	Total
Perlis	75.0	5.5	80.5	75.0	12.5	87.5	73.8	17.7	91.5	73.5	24.5	98.0
Kedah	28.0	16.0	44.0	54.0	30.7	84.7	60.2	33.8	94.0	63.4	35.1	98.5
P. Pinang	78.0	0.6	78.6	84.0	1.5	85.5	87.5	2.5	90.0	92.3	4.7	97.0
Perak	55.0	5.7	60.7	70.0	19.0	89.0	74.8	20.2	95.0	77.9	21.1	99.0
Selangor	65.0	2.0	67.0	75.0	1.9	76.9	83.3	1.7	85.0	95.0	1.0	96.0
N. Sembilan	66.0	5.4	71.4	74.0	8.6	82.6	77.7	11.8	89.5	79.6	18.4	98.0
Melaka	70.0	3.4	73.4	82.5	5.6	88.1	87.2	7.8	95.0	87.3	11.7	99.0
Johor	28.0	3.6	31.6	54.0	4.8	58.8	73.6	3.9	77.5	97.5	0.0	97.5
Pahang	47.0	8.9	55.9	66.5	20.9	87.4	72.3	22.7	95.0	75.3	23.7	99.0
Trengganu	25.0	22.4	47.4	42.5	52.4	94.9	44.4	54.6	99.0	44.6	54.9	99.5
Kelantan	16.0	17.0	33.0	33.0	51.8	84.8	36.2	56.8	93.0	38.3	60.2	98.5
P. Malaysia	46.7	7.9	54.6	63.5	17.7	81.2	71.0	18.8	89.8	78.8	19.1	97.9

Table 53 HISTORICAL PER CAPITA DAILY USE IN THE  
CITIES OF THE WORLD IN 1974 AND 1975

City	Population Size (10 <sup>3</sup> persons)	Per Capita Daily Use Including UA* (lpcd)	Per Capita Daily Use Excluding UA* (lpcd)	Per Capita GDP (US \$)	Year
Madrid	3,520	330	264	2,276	1974
Rome	2,884	616	493	2,758	1975
Ottawa	2,798	362	290	7,340	1974
Paris	2,290	320	256	4,510	1974
West Berlin	1,951	244	195	6,007	1975
Hamburg	1,699	204	163	5,470	1974
Vienna	1,593	317	254	3,892	1974
Brussels	1,042	141	113	5,028	1974
Lisbon	832	200	160	1,442	1974
Amsterdam	745	215	172	5,442	1975
Copenhagen	699	271	217	5,357	1974
Capetown	691	270	216	1,147	1974
Stockholm	661	452	362	7,526	1975
Montreal	626	647	518	7,340	1974

Remarks; \*: UA ratio was assumed at 20%.

Source; Ref. 19



Table 54 HISTORICAL PER CAPITA DAILY USE IN JAPAN IN 1976

City	Population Size (10 <sup>3</sup> persons)	Per Capita Daily Use Including UA* (lpcd)	Per Capita Daily Use Excluding UA* (lpcd)
Tokyo	11,496	444	360
Osaka	3,007	600	486
Yokohama	2,868	417	338
Nagoya	2,270	454	368
Kyoto	1,571	431	349
Kobe	1,287	399	328
Sapporo	1,211	295	239
Kitakyushu	1,144	385	312
Kawasaki	1,125	465	377
Fukuoka	1,032	405	328
Hiroshima	783	428	347
Sakai	718	368	298
Sendai	649	334	271
Amagasaki	596	412	334
Okayama	562	431	349
Higashiosaka	559	358	290
Other Cities	500-250	386	316
	250-100	357	289
	100- 50	352	285
	50- 30	330	267
	30- 20	307	249
	20- 10	295	239
	10- 5	277	224

Remarks; Per capita GDP of Japan was US\$4,500 in 1976.  
\*: UA ratio was about 19%.

Source; Ref. 19

Table 55 PROJECTED PER CAPITA DAILY USE

Unit: lpcd

Population Size (10 <sup>3</sup> )	1980	1985	1990	2000	Lower Economic Growth			
					1980	1985	1990	2000
City/Town								
More than 1,000	210	225	240	270	210	220	235	260
1,000 - 500	190	205	220	250	190	200	215	240
500 - 100	170	185	200	230	170	180	195	220
100 - 10	160	175	190	220	160	170	185	210
Rural area								
PWD	75	100	125	175	75	95	115	155
MOH	40	45	55	70	40	45	55	65

Table 56

PROJECTED POPULATION SERVED BY PUBLIC WATER  
SUPPLY SYSTEMS BY CITY/TOWN BY BASIN (1/5)Unit: 10<sup>3</sup> Persons

Basin No.	City/Rural	PWD Served Population				MOH Served Population				Total Served Population			
		1980	1985	1990	2000	1980	1985	1990	2000	1980	1985	1990	2000
1.	1. Kangar	11.2	13.6	17.1	26.0					11.2	13.6	17.1	26.0
	Rural	107.3	116.2	123.1	128.3	7.8	19.4	29.4	42.8	115.1	135.6	152.5	171.1
	Sub-Total	118.5	129.8	140.2	154.3	7.8	19.4	29.4	42.8	126.3	149.2	169.6	197.1
2.	Rural	8.7	18.4	21.9	24.5	5.0	10.4	12.3	13.5	13.7	28.8	34.2	38.0
3.	2. Alor Secar	60.8	67.2	76.5	100.0					60.8	67.2	76.5	100.0
	101. Jirta	12.0	17.9	24.3	41.0					12.0	17.9	24.3	41.0
	102. Guar												
103.	Chempedak	7.2	8.5	9.9	15.0					7.2	8.5	9.9	15.0
	Yan	4.8	6.0	8.1	13.0					4.8	6.0	8.1	13.0
	Rural	148.3	309.1	365.4	402.5	84.9	175.4	205.5	222.5	233.2	484.5	570.9	625.0
Sub-Total	233.1	408.7	484.2	571.5	84.9	175.4	205.5	222.5	318.0	584.1	689.7	794.0	
4.	3. Sg. Petani	39.2	46.8	55.8	79.0					39.2	46.8	55.8	79.0
	Rural	23.1	48.4	57.7	63.5	13.2	27.5	32.4	35.1	36.3	75.9	90.1	98.6
	Sub-Total	62.3	95.2	113.5	142.5	13.2	27.5	32.4	35.1	75.5	122.7	145.9	177.6
5.	104. Tikan Batu	3.2	6.0	8.1	14.0					3.2	6.0	8.1	14.0
	Rural	103.9	185.8	211.9	227.3	43.6	87.4	100.2	107.3	147.5	273.2	312.1	334.6
	Sub-Total	107.1	191.8	220.0	241.3	43.6	87.4	100.2	107.3	150.7	279.2	320.2	348.6
6.	4. Kulim	23.2	28.9	36.0	54.0					23.2	28.9	36.0	54.0
	5. Butterworth	65.6	78.2	103.0	121.0					65.6	78.2	103.0	121.0
	6. BK. Mertajam	24.0	26.4	29.7	38.0					24.0	26.4	29.7	38.0
109.	Kg. Pctg Kuching	8.8	11.1	14.4	20.0					8.8	11.1	14.4	20.0
	110. Perai	8.0	10.2	11.7	15.0					8.0	10.2	11.7	15.0
	Rural	239.7	303.9	340.2	338.7	7.8	16.6	21.9	29.1	247.5	320.5	362.1	367.8
Sub-Total	369.3	458.7	535.0	586.7	7.8	16.6	21.9	29.1	377.1	475.3	556.9	615.8	
7.	8. Georgetown	267.0	258.0	262.0	294.0					267.0	258.0	262.0	294.0
	105. Air Itam	31.2	40.0	48.6	65.0					31.2	40.0	48.6	65.0
	106. Tg. Tokong	12.0	14.5	16.2	21.0					12.0	14.5	16.2	21.0
107.	Celugor	11.2	14.5	18.0	25.0					11.2	14.5	18.0	25.0
	108. Tg. Bunga	9.6	11.1	12.6	17.0					9.6	11.1	12.6	17.0
	Rural	124.0	160.4	183.3	178.0	1.0	2.9	5.3	9.0	125.0	163.3	188.6	187.0
Sub-Total	455.0	498.5	540.7	600.0	1.0	2.9	5.3	9.0	456.0	501.4	546.0	609.0	
8.	Rural	17.3	28.4	31.6	32.2	6.3	13.1	14.6	14.9	23.6	41.5	46.2	47.1
9.	10. Taiping	159.0	205.0	247.0	313.0					159.0	205.0	247.0	313.0
	112. Bagan Serai	8.0	8.5	9.9	13.0					8.0	8.5	9.9	13.0
	Rural	225.4	281.4	307.4	371.4	23.4	76.1	83.2	100.5	248.8	357.5	390.6	471.9
Sub-Total	392.4	494.9	564.3	697.4	23.4	76.1	83.2	100.5	415.8	571.0	647.5	797.9	
10.	11. Kuala Kangsar	12.8	12.8	14.4	18.0					12.8	12.8	14.4	18.0
	12. Sg. Siput Utara	20.0	23.0	25.2	33.0					20.0	23.0	25.2	33.0
	13. Ipoh	320.0	346.0	377.0	446.0					320.0	346.0	377.0	446.0
14.	Batu Gajah	9.6	10.2	10.8	14.0					9.6	10.2	10.8	14.0
	15. Kampar	21.6	22.1	24.3	30.0					21.6	22.1	24.3	30.0
	17. Telok Anson	42.4	46.8	53.1	69.0					42.4	46.8	53.1	69.0
18.	Tapah	8.0	8.5	9.9	12.0					8.0	8.5	9.9	12.0
	111. Baru Mambang	8.0	9.4	9.9	13.0					8.0	9.4	9.9	13.0
	113. Jelapang	7.2	7.7	9.0	12.0					7.2	7.7	9.0	12.0
Rural	387.6	509.3	545.9	446.5	40.2	137.8	147.7	120.9	427.8	647.1	693.6	567.4	
Sub-Total	837.2	995.8	1079.5	1093.5	40.2	137.8	147.7	120.9	877.4	1133.6	1227.2	1214.4	

Remarks; (1) PWD served population includes those served by Water Works Departments and Water Authorities.  
(2) MOH served population is those covered by RESP.

Table 57 PROJECTED POPULATION SERVED BY PUBLIC WATER SUPPLY SYSTEMS BY CITY/TOWN BY BASIN (2/5)

Unit: 10<sup>3</sup> Persons

Basin No.	City/Rural	PWD Served Population				MOH Served Population				Total Served Population			
		1980	1985	1990	2000	1980	1985	1990	2000	1980	1985	1990	2000
11.	Rural	148.3	183.3	203.7	205.0	8.8	23.4	25.0	19.4	157.1	206.7	228.7	224.4
12.	Rural	16.8	19.8	22.5	25.4	0.5	0.5	0.5	0.3	17.3	20.3	23.6	25.7
13.	21. Kuala Kubu Baru	8.8	10.2	11.7	16.0					8.8	10.2	11.7	16.0
	Rural	125.3	171.6	204.7	184.8	3.9	4.4	4.2	1.9	129.2	176.0	208.9	186.7
	Sub-Total	134.1	181.8	216.4	200.8	3.9	4.4	4.2	1.9	138.0	186.2	220.6	202.7
14.	114. Sg. Buloh	4.8	6.0	8.1	13.0					4.8	6.0	8.1	13.0
	Rural	35.6	43.0	48.9	53.8	1.1	1.1	1.0	0.5	36.7	44.1	49.9	54.3
	Sub-Total	40.4	49.0	57.0	66.8	1.1	1.1	1.0	0.5	41.5	50.1	58.0	67.3
15.	22. Kelang	209.0	271.0	359.0	613.0					209.0	271.0	359.0	613.0
	23. Shah Alam	20.8	35.7	59.4	141.0					20.8	35.7	59.4	141.0
	24. Dengaling Jaya	232.0	337.0	484.0	927.0					232.0	337.0	484.0	927.0
	25. Bandaraya KL	998.0	1179.0	1419.0	2039.0					998.0	1179.0	1419.0	2039.0
	116. Ampang	11.2	11.9	13.5	18.0					11.2	11.9	13.5	18.0
	117. Serdang Baru	14.4	16.2	18.9	25.2					14.4	16.2	18.9	25.2
	Rural	151.0	256.9	306.5	262.9	5.9	6.6	6.3	2.9	156.9	265.5	312.8	265.8
	Sub-Total	1676.4	2109.7	2660.3	4046.1	5.9	6.6	6.3	2.9	1682.3	2116.3	2666.6	4049.0
16.	26. Kajang Chua	25.6	31.5	38.7	58.0					25.6	31.5	38.7	58.0
	115. Semenyih	8.0	9.4	10.8	14.0					8.0	9.4	10.8	14.0
	Rural	193.9	264.2	315.0	290.2	7.3	9.1	10.2	12.1	201.2	273.3	325.2	302.3
	Sub-Total	227.5	305.1	364.5	362.2	7.3	9.1	10.2	12.1	234.8	314.2	374.7	374.3
17.	28. Port Dickson	20.8	28.9	38.7	64.0					20.8	28.9	38.7	64.0
	Rural	42.4	50.1	56.6	60.9	2.2	3.1	3.9	5.9	44.6	53.2	60.5	66.8
	Sub-Total	63.2	79.0	95.3	124.9	2.2	3.1	3.9	5.9	65.4	82.1	99.2	130.3
18.	29. Seremban	145.9	175.0	210.0	290.0					145.9	175.0	210.0	290.0
	Rural	118.3	132.8	143.6	163.3	8.3	13.0	18.5	32.6	126.6	145.8	162.1	195.9
	Sub-Total	264.2	307.8	353.6	453.3	8.3	13.0	18.5	32.6	272.5	320.8	372.1	485.9
19.	31. Melaka	75.2	79.9	88.2	112.0					75.2	79.9	88.2	112.0
	119. Tampin	8.0	9.4	10.8	14.0					8.0	9.4	10.8	14.0
	120. Kelebang	7.2	8.5	9.9	13.0					7.2	8.5	9.9	13.0
	121. Bukit Baru	15.2	17.0	19.8	26.0					15.2	17.0	19.8	26.0
	Rural	167.4	214.6	236.8	229.4	8.3	15.0	21.6	31.1	175.7	229.6	258.4	260.5
	Sub-Total	273.0	329.4	365.5	394.4	7.3	15.0	21.6	31.1	281.3	344.4	387.1	425.5
20.	33. Tangkak	11.2	12.8	14.4	19.0					11.2	12.8	14.4	19.0
	Rural	56.4	73.1	82.8	89.1	3.3	5.3	6.7	8.6	59.7	78.4	89.5	97.7
	Sub-Total	67.6	85.9	97.2	108.1	3.3	5.3	6.7	8.6	70.9	91.2	103.9	116.7
21.	30. Kuala Pilah	10.4	11.1	12.6	16.0					10.4	11.1	12.6	16.0
	32. Segamat	29.6	41.7	57.6	104.0					29.6	41.7	57.6	104.0
	34. Muar	56.0	61.2	69.3	90.0					56.0	61.2	69.3	90.0
	127. Labis	9.6	10.2	12.6	17.0					9.6	10.2	12.6	17.0
	125. Jementah	6.4	7.7	9.0	12.0					6.4	7.7	9.0	12.0
	145. PT9	3.2	6.8	8.1	10.0					3.2	6.8	8.1	10.0
	Rural	164.0	257.5	319.2	346.0	17.1	25.7	27.2	15.4	181.1	283.2	346.6	361.4
	Sub-total	279.2	396.2	488.4	595.0	17.1	25.7	27.2	15.4	296.3	421.9	515.6	610.4

Remarks; (1) PWD served population includes those served by Water Works Departments and Water Authorities.

(2) MOH served population is those covered by RESP.

Table 58

PROJECTED POPULATION SERVED BY PUBLIC WATER  
SUPPLY SYSTEMS BY CITY/TOWN BY BASIN (3/5)

Unit: 10<sup>3</sup> persons

Basin No.	City/Rural	PWD Served Population				MOH Served Population				Total Served Population			
		1980	1985	1990	2000	1980	1985	1990	2000	1980	1985	1990	2000
22.	35. Batu Pahat	56.0	66.3	79.2	114.0					56.0	66.3	79.2	114.0
	123. Yong Peng	8.8	9.4	10.8	14.0					8.8	9.4	10.8	14.0
	Rural	75.4	152.7	212.5	267.6	9.7	13.6	11.2	0.0	85.1	166.3	223.7	267.6
	Sub-total	140.2	228.4	302.5	395.6	9.7	13.6	11.2	0.0	149.9	242.0	313.7	395.6
23.	37. Pontian												
	Kecil	17.6	27.2	39.6	75.0					17.6	27.2	39.6	75.0
	38. Kulai	20.8	29.8	42.3	78.0					20.8	29.8	42.3	78.0
	39. Johor Bahru	266.0	343.0	439.0	686.0					266.0	343.0	439.0	686.0
	124. Pekan Nenas	8.0	8.5	9.9	13.0					8.0	8.5	9.9	13.0
	127. Senai	5.6	7.7	9.0	15.0					5.6	7.7	9.0	15.0
	128. Kelapa Sawit	5.6	6.8	8.1	12.0					5.6	6.8	8.1	12.0
	129. Masai	4.8	7.7	10.8	22.0					4.8	7.7	10.8	22.0
	Rural	60.1	116.6	160.9	208.7	7.7	10.4	8.5	0.0	67.8	127.0	169.4	208.7
Sub-total	388.5	547.3	719.6	1109.7	7.7	10.4	8.5	0.0	396.2	557.7	728.1	1109.7	
24.	40. Kota Tinggi	12.0	15.3	19.8	34.0					12.0	15.3	19.8	34.0
	126. Ulu Tiram	5.6	8.5	10.8	20.0					5.6	8.5	10.8	20.0
	Rural	32.7	71.5	102.5	112.0	4.2	6.4	5.4	0.0	36.9	77.9	107.9	112.0
Sub-total	50.3	95.3	133.1	166.0	4.2	6.4	5.4	0.0	54.5	101.7	133.5	166.0	
25.	Rural	13.1	30.6	44.4	45.4	1.7	2.7	2.3	0.0	14.8	33.3	46.7	45.4
26.	42. Mersing	12.0	16.2	22.5	41.0					12.0	16.2	22.5	41.0
	Rural	2.4	4.9	6.7	8.7	0.3	0.4	0.4	0.0	2.7	5.3	7.1	8.7
	Sub-total	14.4	21.1	29.2	49.7	0.3	0.4	0.4	0.0	14.7	21.5	29.6	49.7
27.	41. Keluang	44.0	51.0	60.3	84.0					44.0	51.0	60.3	84.0
	151. PT15	0.0	16.2	20.7	23.0					0.0	16.2	20.7	23.0
	Rural	30.8	59.8	81.7	90.7	4.3	6.0	4.5	0.2	35.1	65.8	86.2	90.9
	Sub-total	74.8	127.0	162.7	197.7	4.3	6.0	4.5	0.2	79.1	133.0	167.2	197.9
28.	139. PT3	0.0	3.4	7.2	10.0					0.0	3.4	7.2	10.0
	141. PT5	0.8	6.0	11.7	17.0					0.8	6.0	11.7	17.0
	142. PT6	3.2	20.4	29.7	42.0					3.2	20.4	29.7	42.0
	143. PT7	0.0	6.0	7.2	10.0					0.0	6.0	7.2	10.0
	146. PT10	3.2	7.7	9.0	10.0					3.2	7.7	9.0	10.0
	147. PT11	2.4	9.4	11.7	15.0					2.4	9.4	11.7	15.0
	148. PT12	15.2	19.6	22.5	25.0					15.2	19.6	22.5	25.0
	149. PT13	0.0	1.7	7.2	11.0					0.0	1.7	7.2	11.0
	150. PT14	0.0	17.0	21.6	24.0					0.0	17.0	21.6	24.0
	Rural	30.7	18.6	4.4	3.0	5.8	5.8	1.4	0.9	36.5	24.4	5.8	3.9
	Sub-total	55.5	109.8	132.2	167.0	5.8	5.8	1.4	0.9	61.3	115.6	133.6	167.9
29.	140. PT4	0.8	6.8	8.1	12.0					0.8	6.8	8.1	12.0
	Rural	11.3	6.8	1.6	1.1	2.1	2.1	0.5	0.3	13.4	8.9	2.1	1.4
	Sub-total	12.1	13.6	9.7	13.1	2.1	2.1	0.5	0.3	14.2	15.7	10.2	13.4

Remarks; (1) PWD served population includes those served by Water Works Departments and Water Authorities.  
(2) MOH served population is those covered by RESP.

Table 59 PROJECTED POPULATION SERVED BY PUBLIC WATER SUPPLY SYSTEMS BY CITY/TOWN BY BASIN (4/5)

Unit: 10<sup>3</sup> persons

Basin No.	City/Rural	PWD Served Population				MOH Served Population				Total Served Population			
		1980	1985	1990	2000	1980	1985	1990	2000	1980	1985	1990	2000
30.	45. Temeloh	12.0	13.6	16.2	22.0					12.0	13.6	16.2	22.0
	46. Bentong	20.0	21.3	24.3	30.0					20.0	21.3	24.3	30.0
	48. Jerantut	5.6	7.7	9.9	17.0					5.6	7.7	9.9	17.0
	49. Raub	20.0	23.0	27.0	38.0					20.0	23.0	27.0	38.0
	50. Kuala Lipis	8.8	9.4	10.8	14.0					8.8	9.4	10.8	14.0
	118. Bahau	8.8	10.2	11.6	16.0					8.8	10.2	11.6	16.0
	130. Mentakab	7.2	9.4	11.7	18.0					7.2	9.4	11.7	18.0
	131. Teriang	7.2	8.5	10.8	17.0					7.2	8.5	10.8	17.0
	137. PT1	12.0	23.8	27.9	31.0					12.0	23.8	27.9	31.0
	138. PT2	1.6	6.8	10.8	16.0					1.6	6.8	10.8	16.0
	144. PT8	3.2	6.0	17.1	21.0					3.2	6.0	17.1	21.0
	152. PT16	0.0	0.0	9.9	14.0					0.0	0.0	9.9	14.0
	153. PT17	8.8	10.2	10.8	12.0					8.8	10.2	10.8	12.0
	154. PT18	6.4	8.5	9.0	10.0					6.4	8.5	9.0	10.0
	155. PT19	4.0	5.1	10.8	12.0					4.0	5.1	10.8	12.0
	156. PT20	0.0	0.9	29.7	33.0					0.0	0.9	29.7	33.0
	Rural	222.5	323.8	350.7	369.3	36.7	89.8	100.1	112.5	259.2	413.6	450.8	481.8
	Sub-total	348.1	488.2	599.0	690.3	36.7	89.8	100.1	112.5	384.8	578.0	699.1	802.8
31.	47. Kuantan	145.0	224.0	333.0	653.0					145.0	224.0	333.0	653.0
	Rural	12.8	12.5	12.3	11.9	2.4	3.9	3.9	3.7	15.2	16.4	16.2	15.6
	Sub-total	157.8	236.5	345.3	664.9	2.4	3.9	3.9	3.7	160.2	240.4	349.2	668.6
32.	51. Chukai	13.6	16.2	19.8	28.0					13.6	16.2	19.8	28.0
	Rural	13.2	24.7	30.6	23.7	11.9	30.4	37.7	29.3	25.1	55.1	68.3	53.0
	Sub-total	26.8	40.9	50.4	51.7	11.9	30.4	37.7	29.3	38.7	71.3	88.1	81.0
33.	Rural	2.7	4.1	2.3	0.4	2.4	5.0	2.9	0.5	5.1	9.1	5.2	0.9
34.	52. Dungun	25.6	34.0	46.8	84.0					25.6	34.0	46.8	84.0
	Rural	5.5	8.3	4.8	0.9	5.0	10.2	5.9	1.1	10.5	18.5	10.7	2.0
	Sub-total	31.1	42.3	51.6	84.9	5.0	10.2	5.9	1.1	36.1	52.5	57.5	86.0
35.	Rural	7.5	13.8	16.7	15.8	6.8	16.9	20.6	19.4	14.3	30.7	37.3	35.2
36.	53. Kuala Trengganu	199.0	281.0	377.0	611.0					199.0	281.0	377.0	611.0
	132. Ulu Trengganu	4.0	6.0	9.0	17.0					4.0	6.0	9.0	17.0
	Rural	24.7	36.8	28.5	19.6	22.2	45.4	35.2	24.2	46.9	82.2	63.7	43.8
	Sub-total	227.7	323.8	414.5	647.6	22.2	45.4	35.2	24.2	249.9	369.2	449.7	671.8
37.	Rural	10.4	18.6	19.4	11.6	9.4	22.9	23.9	14.3	19.8	41.5	43.3	25.9
38.	Rural	17.0	30.3	31.6	18.9	15.3	37.4	39.0	23.3	32.3	67.7	70.6	42.2
39.	56. Peringat	6.0	9.4	12.6	23.0					6.0	9.4	12.6	23.0
	57. Pangkal Kalong	9.6	16.5	25.9	56.0					9.6	16.5	25.9	56.0
	134. Kadok	5.2	7.7	11.9	22.0					5.2	7.7	11.9	22.0
	Rural	34.3	71.8	80.9	84.0	36.5	112.7	127.0	132.0	70.8	184.5	207.9	216.0
	Sub-total	55.1	105.4	131.3	185.0	36.5	112.7	127.0	132.0	91.6	218.1	258.3	317.0

Remarks; (1) PWD served population includes those served by Water Works Departments and Water Authorities.  
(2) MOH served population is these covered by RESP.

Table 60 PROJECTED POPULATION SERVED BY PUBLIC WATER SUPPLY SYSTEMS BY CITY/TOWN BY BASIN (5/5)

Unit: 10<sup>3</sup> persons

Basin No.	City/Rural	PWD Served Population				MOH Served Population				Total Served Population			
		1980	1985	1990	2000	1980	1985	1990	2000	1980	1985	1990	2000
40.	54. Tanah Merah	4.0	6.0	9.1	18.0					4.0	6.0	9.1	18.0
	55. Kota Bahru	145.6	216.8	309.6	567.0					145.6	216.8	309.6	567.0
	58. Pasir Mas	6.0	8.0	12.6	23.0					6.0	8.0	12.6	23.0
	133. Kuala Krai	5.6	10.5	18.2	46.0					5.6	10.5	18.2	46.0
	135. Gua Musang	2.4	4.4	7.0	17.0					2.4	4.4	7.0	17.0
	Rural	52.7	113.7	128.4	116.8	55.9	178.6	201.6	183.5	108.6	292.3	330.0	300.3
	Sub-total	216.3	359.4	484.9	787.8	55.9	178.6	201.6	183.5	272.2	538.0	686.5	971.3
41.	136. Rantau Panjang	2.0	3.8	5.6	12.0					2.0	3.8	5.6	12.0
	Rural	17.5	37.5	66.6	56.0	18.6	58.9	42.4	35.7	36.1	96.4	109.0	91.7
	Sub-total	19.5	41.3	72.2	68.0	18.6	58.9	42.4	35.7	38.1	100.2	114.6	103.7
Total Urban		4338.5	5457.3	6891.7	10487.2	0	0	0	0	4338.5	5457.3	6891.7	10487.2
Total Rural		3322.0	4787.6	5516.2	5609.8	558.8	1333.3	1452.0	1407.2	3880.8	6120.9	6968.2	7017.0
Grand Total		7660.5	10244.9	12407.9	16097.0	558.8	1333.3	1452.0	1407.2	8219.3	11578.2	13859.9	17504.2

Remarks; (1) PWD served population includes those served by Water Works Departments and Water Authorities.  
 (2) MOH served population is these covered by RESP.

Table 61 PROJECTED POPULATION SERVED BY PUBLIC WATER SUPPLY SYSTEMS BY CITY/TOWN BY BASIN UNDER THE CONDITION OF LOWER ECONOMIC GROWTH (1/5)

Unit: 10<sup>3</sup> persons

Basin No.	City/Rural	PWD Served Population				MOH Served Population				Total Served Population				
		1980	1985	1990	2000	1980	1985	1990	2000	1980	1985	1990	2000	
1.	1. Kangar	11.2	13.6	16.2	20.9					11.2	13.6	16.2	20.9	
	Rural	107.3	117.0	122.6	133.0	7.8	19.5	29.3	44.3	115.1	136.5	151.9	177.3	
	Sub-total	118.5	130.6	138.8	153.9	7.8	19.5	29.3	44.3	126.3	150.1	168.1	198.2	
2.	Rural	8.7	18.4	22.3	25.4	5.0	10.4	12.5	14.0	13.7	28.8	34.8	39.4	
3.	2. Alor Setar	60.8	66.3	72.0	78.9					60.8	66.3	72.0	78.9	
	101. Jirca	12.0	17.9	23.4	32.3					12.0	17.9	23.4	32.3	
	102. Guar Chempedak	7.2	8.5	9.9	11.4					7.2	8.5	9.9	11.4	
103.	Yan	4.8	6.0	8.1	9.5					4.8	6.0	8.1	9.5	
	Rural	148.3	309.6	367.0	416.8	84.9	175.7	206.4	230.4	233.2	485.3	573.4	647.2	
	Sub-total	233.1	408.3	480.4	548.9	84.9	175.7	206.4	230.4	318.0	584.0	686.8	779.3	
4.	3. Sg. Petani	39.2	45.9	53.1	62.7									
	Rural	23.1	48.7	57.7	65.9	13.2	27.6	32.5	36.4	36.3	76.3	90.2	102.3	
	Sub-total	62.3	94.6	110.8	128.6	13.2	27.6	32.5	36.4	75.5	122.2	143.3	165.0	
5.	104. Tikian Batu	3.2	5.1	7.2	10.5									
	Rural	103.9	186.0	211.9	231.6	43.6	87.6	100.1	108.7	147.5	273.6	312.0	340.3	
	Sub-total	107.1	191.1	219.1	242.1	43.6	87.6	100.1	108.7	150.7	278.7	319.2	350.8	
6.	4. Kulim	23.2	28.9	34.2	41.8					23.2	28.9	34.2	41.8	
	5. Butterworth	65.6	77.4	87.3	101.0					65.6	77.4	87.3	101.0	
	6. BK. Mertajam	24.0	26.4	27.9	29.5					24.0	26.4	27.9	29.5	
109.	Kg. Pnag Kuching	8.8	11.1	13.5	15.2					8.8	11.1	13.5	15.2	
	110. Perai	8.0	9.4	10.8	12.4					8.0	9.4	10.8	12.4	
	Rural	239.7	305.6	346.2	381.9	7.8	16.6	21.9	31.0	247.5	322.2	368.1	412.9	
Sub-total	369.3	458.8	519.9	581.8	7.8	16.6	21.9	31.0	377.1	475.4	541.8	612.8		
7.	8. Georgetown	267.0	255.0	248.0	243.0					267.0	255.0	248.0	243.0	
	105. Air Itam	31.2	39.1	45.9	51.3					31.2	39.1	45.9	51.3	
	106. Tg. Tokong	12.0	13.6	15.3	17.1					12.0	13.6	15.3	17.1	
107.	Gelugor	11.2	14.5	17.1	20.0					11.2	14.5	17.1	20.0	
	108. Tg. Bunga	9.6	11.1	12.6	13.3					9.6	11.1	12.6	13.3	
	Rural	124.0	162.0	189.8	213.3	1.0	3.0	5.5	10.8	125.0	165.0	195.3	224.1	
Sub-total	455.0	495.3	528.7	558.0	1.0	3.0	5.5	10.8	456.0	498.3	534.2	568.8		
8.	Rural	17.3	28.4	31.2	32.8	6.3	13.1	14.4	15.0	23.6	41.5	45.6	47.8	
	9.	10. Taiping	159.0	203.0	233.0	259.0					159.0	203.0	233.0	259.0
	112. Bagan Serai	8.0	8.5	9.9	10.5					8.0	8.5	9.9	10.5	
Rural	225.4	280.7	296.5	307.4	23.4	76.0	80.3	83.2	248.8	356.7	376.8	390.6		
	Sub-total	392.4	492.2	539.4	576.9	23.4	76.0	80.3	83.2	415.8	568.2	619.7	660.1	
	10.	11. Kuala Kangsar	12.8	12.8	13.5	14.3					12.8	12.8	13.5	14.3
12. Sg. Siput Utara		20.0	22.1	24.3	26.6					20.0	22.1	24.3	26.6	
13. Ipoh		320.0	342.0	357.0	370.0					320.0	342.0	357.0	370.0	
14.	Batu Gajah	9.6	9.4	9.9	10.5					9.6	9.4	9.9	10.5	
	15. Kampar	21.6	22.1	22.5	23.8					21.6	22.1	22.5	23.8	
	17. Telok Anson	42.4	46.8	50.4	54.2					42.4	46.8	50.4	54.2	
18.	Tapan	8.0	8.5	9.0	9.5					8.0	8.5	9.0	9.5	
	111. Baru Mambang	8.0	9.4	9.9	10.5					8.0	9.4	9.9	10.5	
	113. Jelapang	-	-	-	-					-	-	-	-	
Rural	387.6	520.4	573.4	613.3	40.2	140.9	155.3	166.0	427.8	661.3	729.0	779.3		
Sub-total	830.0	993.5	1070.2	1132.7	40.2	140.9	155.3	166.0	870.2	1134.4	1225.9	1298.7		

remarks; (1) PWD served population includes those served by Water Works Departments and Water Authorities.  
(2) MOH served population is these covered by RESP.



Table 62 PROJECTED POPULATION SERVED BY PUBLIC WATER SUPPLY SYSTEMS BY CITY/TOWN BY BASIN UNDER THE CONDITION OF LOWER ECONOMIC GROWTH (2/5)

Unit: 10<sup>3</sup> persons

Basin No.	City/Rural	PWD Served Population				MOH Served Population				Total Served Population			
		1980	1985	1990	2000	1980	1985	1990	2000	1980	1985	1990	2000
11.	Rural	148.3	184.2	205.2	228.6	8.8	23.6	25.4	26.0	157.1	207.8	230.6	254.6
12.	Rural	16.8	19.8	22.4	25.7	0.5	0.5	0.5	0.3	17.3	20.3	22.9	26.0
13.	21. Kuala Kubu Baru	8.8	10.2	10.8	12.4					8.8	10.2	10.8	12.4
	Rural	125.3	175.6	228.8	330.9	3.9	4.5	4.7	3.3	129.2	180.1	233.5	334.2
	Sub-total	134.1	185.8	239.6	343.3	3.9	4.5	4.7	3.3	138.0	190.3	244.3	346.6
14.	14. Sg. Buloh	4.8	6.0	8.1	10.5					4.8	6.0	8.1	10.5
	Rural	35.6	43.1	49.4	58.3	1.1	1.1	1.0	0.6	36.7	44.2	50.4	58.9
	Sub-total	40.4	49.1	57.5	68.8	1.1	1.1	1.0	0.6	41.5	50.2	58.5	69.4
15.	22. Kelang	209.0	269.0	340.0	508.0					209.0	269.0	340.0	508.0
	23. Shah Alam	20.8	35.7	55.8	117.0					20.8	35.7	55.8	117.0
	24. Petaling Jaya	232.0	333.0	458.0	768.0					232.0	333.0	458.0	768.0
	25. Bandaraya KL	998.0	1167.0	1343.0	1691.0					998.0	1167.0	1343.0	1691.0
	116. Ampang	11.2	11.9	12.6	14.3					11.2	11.9	12.6	14.3
	117. Serdang Baru	14.4	16.2	16.0	20.0					14.4	16.2	16.0	20.0
	Rural	191.0	263.9	339.5	480.8	5.9	6.8	6.9	4.9	196.9	270.7	346.4	485.7
	Sub-total	1676.4	2096.7	2566.9	3599.1	5.9	6.8	6.9	4.9	1682.3	2103.5	2573.8	3604.0
16.	26. Kajang Chua	25.6	30.6	36.0	45.6					25.6	30.6	36.0	45.6
	115. Semenyih	8.0	9.4	9.9	11.4					8.0	9.4	9.9	11.4
	Rural	193.9	269.3	350.0	507.4	7.3	9.2	10.5	10.6	201.2	278.5	360.5	518.0
	Sub-total	227.5	309.3	395.9	564.4	7.3	9.2	10.5	10.6	234.8	318.5	406.5	575.0
17.	28. Port Dickson	20.8	28.1	36.9	50.4					20.8	28.1	36.9	50.4
	Rural	42.4	50.2	56.1	64.0	2.2	3.0	3.8	5.0	44.6	53.2	59.9	69.0
	Sub-total	63.2	78.3	93.0	114.4	2.2	3.0	3.8	5.0	65.4	81.3	96.8	119.4
18.	29. Seremban	145.0	173.0	198.0	240.0					145.0	173.0	198.0	240.0
	Rural	118.3	132.0	136.2	135.4	8.3	13.0	17.4	26.2	126.6	145.0	153.6	161.6
	Sub-total	263.3	305.0	334.2	375.4	8.3	13.0	17.4	26.2	271.6	318.0	351.6	401.6
19.	31. Melaka	75.2	79.1	83.7	88.4					75.2	79.1	83.7	88.4
	119. Tampin	8.0	9.4	9.9	11.4					8.0	9.4	9.9	11.4
	120. Kelebang	7.2	8.5	9.0	10.5					7.2	8.5	9.0	10.5
	121. Bukit Baru	15.2	17.0	18.9	20.9					15.2	17.0	18.9	20.9
	Rural	167.4	215.6	242.0	252.4	8.3	15.1	22.1	34.6	175.7	230.7	264.1	287.0
	Sub-total	273.0	329.6	363.5	383.6	8.3	15.1	22.1	34.6	281.3	344.7	385.6	418.2
20.	33. Tangkak	11.2	12.8	13.5	15.2					11.2	12.8	13.5	15.2
	Rural	56.4	73.2	83.2	90.6	3.3	5.3	6.7	8.7	59.7	78.5	89.9	99.3
	Sub-total	67.6	86.0	96.7	105.8	3.3	5.3	6.7	8.7	70.9	91.3	103.4	114.5
21.	30. Kuala Pilah	10.4	11.1	11.7	12.4					10.4	11.1	11.7	12.4
	32. Segamat	29.6	40.8	54.9	82.7					29.6	40.8	54.9	82.7
	34. Muar	56.0	60.4	65.7	70.3					56.0	60.4	65.7	70.3
	122. Labis	9.6	10.2	11.7	13.3					9.6	10.2	11.7	13.3
	125. Jementah	6.4	6.8	8.1	9.5					6.4	6.8	8.1	9.5
	145. PT9	3.2	6.0	7.2	8.6					3.2	6.0	7.2	8.6
	Rural	164.0	260.5	333.5	422.0	17.1	26.1	29.1	29.5	181.1	286.6	362.6	451.5
	Sub-total	279.2	395.8	492.8	618.8	17.1	26.1	29.1	29.5	296.3	421.9	521.9	648.3

Remarks; (1) PWD served population includes those served by Water Works Departments and Water Authorities.  
(2) MOH served population is these covered by RESP.

Table 63 PROJECTED POPULATION SERVED BY PUBLIC WATER SUPPLY SYSTEMS BY CITY/TOWN BY BASIN UNDER THE CONDITION OF LOWER ECONOMIC GROWTH (3/5)

Unit: 10<sup>3</sup> persons

Basin No.	City/Rural	PWD Served Population				MOH Served Population				Total Served Population			
		1980	1985	1990	2000	1980	1985	1990	2000	1980	1985	1990	2000
22.	35. Batu Pahat	56.0	65.4	74.7	89.3					56.0	65.4	74.7	89.3
	123. Yong Peng	8.8	9.4	9.9	11.4					8.8	9.4	9.9	11.4
	Rural	75.4	153.7	218.1	306.6	9.7	13.7	11.5	0.0	85.1	167.4	229.6	306.6
	Sub-total	140.2	228.5	302.7	407.3	9.7	13.7	11.5	0.0	149.9	242.2	314.2	407.3
23.	37. Pontian												
	Kecil	17.6	26.4	36.9	58.9					17.6	26.4	36.9	58.9
	38. Kulai	20.8	29.8	39.6	61.8					20.8	29.8	39.6	61.8
	39. Johor Bahru	266.0	339.0	416.0	569.0					266.0	339.0	416.0	569.0
	124. Pekan Nonas	8.0	8.5	9.0	9.5					8.0	8.5	9.0	9.5
	127. Senai	5.6	6.8	9.0	11.4					5.6	6.8	9.0	11.4
	128. Kelapa Sawit	-	-	-	-					-	-	-	-
	129. Masai	4.8	7.7	10.8	17.1					4.8	7.7	10.8	17.1
Rural	60.1	119.3	167.2	231.2	7.7	10.7	8.8	0.0	67.8	130.0	176.0	231.2	
Sub-total	382.9	537.5	688.5	958.9	7.7	10.7	8.8	0.0	390.6	548.2	697.3	958.9	
24.	40. Kota Tinggi	12.0	15.3	18.9	26.6					12.0	15.3	18.9	26.6
	126. Ulu Tiram	5.6	8.5	10.8	15.2					5.6	8.5	10.8	15.2
	Rural	32.7	74.0	114.4	179.3	4.2	6.6	6.0	0.0	36.9	80.6	120.4	179.3
Sub-total	50.3	97.8	114.1	221.1	4.2	6.6	6.0	0.0	54.5	104.4	150.1	221.1	
25.	Rural	13.1	31.2	50.0	81.3	1.7	2.8	2.6	0.0	14.8	34.0	52.6	81.3
26.	42. Mersing	12.0	16.2	21.6	32.3					12.0	16.2	21.6	32.3
	Rural	2.4	4.9	6.8	9.0	0.3	0.4	0.4	0.0	2.7	5.3	7.2	9.0
	Sub-total	14.4	21.1	28.4	41.3	0.3	0.4	0.4	0.0	14.7	21.5	28.8	41.3
27.	41. Keluang	44.0	50.2	56.7	65.6					44.0	50.2	56.7	65.6
	151. PT15	0.0	14.5	18.9	20.0					0.0	14.5	18.9	20.0
	Rural	30.8	61.4	90.9	141.0	4.3	6.4	5.4	1.3	35.1	67.8	96.3	142.3
	Sub-total	74.8	126.1	156.5	226.6	4.3	6.4	5.4	1.3	79.1	132.5	171.9	227.9
28.	139. pr3	0.0	3.4	6.3	8.6					0.0	3.4	6.3	8.6
	141. PT5	0.8	5.1	10.8	14.3					0.8	5.1	10.8	14.3
	142. PT6	3.2	18.7	27.0	36.1					3.2	18.7	27.0	36.1
	143. PT7	0.0	5.1	6.3	8.6					0.0	5.1	6.3	8.6
	146. PT10	3.2	6.8	8.1	8.6					3.2	6.8	8.1	8.6
	147. PT11	2.4	8.5	10.8	13.3					2.4	8.5	10.8	13.3
	148. PT12	15.2	17.9	20.7	21.9					15.2	17.9	20.7	21.9
	149. PT13	0.0	1.7	6.3	9.5					0.0	1.7	6.3	9.5
	150. PT14	0.0	15.3	19.8	20.9					0.0	15.3	19.8	20.9
	Rural	36.7	23.3	13.4	24.0	5.8	7.3	4.2	7.5	36.5	30.6	17.6	31.5
	Sub-total	55.5	105.8	129.5	165.8	5.8	7.3	4.2	7.5	61.3	113.1	113.7	173.3
29.	140. PT4	0.8	6.0	7.2	10.5					0.8	6.0	7.2	10.5
	Rural	11.3	8.6	4.9	8.8	2.1	2.7	1.5	2.8	13.4	11.3	6.4	11.6
	Sub-total	12.1	14.6	12.1	19.3	2.1	2.7	1.5	2.8	14.2	17.3	13.6	22.1

Remarks; (1) PWD served population includes those served by Water Works Departments and Water Authorities.  
(2) MOH served population is these covered by RESP.

Table 64 PROJECTED POPULATION SERVED BY PUBLIC WATER SUPPLY SYSTEMS BY CITY/TOWN BY BASIN UNDER THE CONDITION OF LOWER ECONOMIC GROWTH (4/5)

Unit: 10<sup>3</sup> persons

Basin No.	City/Rural	PWD Served Population				MOH Served Population				Total Served Population			
		1980	1985	1990	2000	1980	1985	1990	2000	1980	1985	1990	2000
30.	45. Temeloh	12.0	13.6	15.3	17.1					12.0	13.6	15.3	17.1
	46. Bentong	20.0	21.3	22.5	23.8					20.0	21.3	22.5	23.8
	48. Jerantut	5.6	7.7	9.9	13.3					5.6	7.7	9.9	13.3
	49. Raub	20.0	23.0	26.1	29.5					20.0	23.0	26.1	29.5
	50. Kuala Lipis	8.8	9.4	9.9	11.4					8.8	9.4	9.9	11.4
	118. Bahau	8.8	10.2	10.8	12.4					8.8	10.2	10.8	12.4
	130. Mencakab	7.2	9.4	10.8	14.3					7.2	9.4	10.8	14.3
	131. Teriang	7.2	8.5	9.9	13.3					7.2	8.5	9.9	13.3
	137. PT1	12.0	21.3	25.2	26.6					12.0	21.3	25.2	26.6
	138. PT2	1.6	6.0	9.9	13.3					1.6	6.0	9.9	13.3
	144. PT8	3.2	5.1	15.3	18.0					3.2	5.1	15.3	18.0
	152. PT16	0.0	0.0	9.0	12.4					0.0	0.0	9.0	12.4
	153. PT17	6.8	9.4	9.9	10.5					6.8	9.4	9.9	10.5
	154. PT18	6.4	7.7	8.1	8.6					6.4	7.7	8.1	8.6
	155. PT19	4.0	4.3	9.9	10.5					4.0	4.3	9.9	10.5
	156. PT20	0.0	0.9	27.0	28.5					0.0	0.9	27.0	28.5
		Rural	222.5	335.2	382.0	496.8	36.7	93.1	108.9	149.9	259.2	428.3	490.9
	Sub-total	348.1	493.0	611.5	760.3	36.7	93.1	108.9	149.9	384.8	586.1	720.4	910.2
31.	47. Kuantan	145.0	222.0	316.0	541.0					145.0	222.0	316.0	541.0
	Rural	12.8	12.5	11.7	10.3	2.4	3.9	3.7	3.2	15.2	16.4	15.4	13.5
	Sub-total	157.8	234.5	327.7	551.3	2.4	3.9	3.7	3.2	160.2	238.4	331.4	554.5
32.	51. Chukai	13.6	16.2	18.9	22.8					13.6	16.2	18.9	22.8
	Rural	13.2	22.5	22.6	18.7	11.9	27.8	27.9	23.1	25.1	50.3	50.5	41.8
	Sub-total	26.8	38.7	41.5	41.5	11.9	27.8	27.9	23.1	38.7	66.5	69.4	64.6
33.	Rural	2.7	4.6	5.0	5.6	2.4	5.7	6.1	6.9	5.1	10.3	11.1	12.5
34.	52. Dungun	25.6	34.0	44.1	65.6					25.6	34.0	44.1	65.6
	Rural	5.5	9.4	12.4	14.0	5.0	11.6	10.1	11.3	10.5	21.0	22.5	25.3
	Sub-total	31.1	43.4	56.5	79.6	5.0	11.6	10.1	11.3	36.1	55.0	66.6	90.9
35.	Rural	7.5	12.8	12.9	11.5	6.8	15.8	15.9	14.2	14.3	28.6	28.8	25.7
36.	53. Kuala Trengganu	199.0	278.0	357.0	506.0					199.0	278.0	357.0	506.0
	132. Ulu Trengganu	4.0	6.0	8.1	13.3					4.0	6.0	8.1	13.3
	Rural	24.7	42.0	46.5	57.6	22.2	51.8	57.3	70.9	46.9	93.8	103.8	128.5
	Sub-total	227.7	326.0	411.6	576.9	22.2	51.8	57.3	70.9	249.9	377.8	468.9	647.8
37.	Rural	10.4	17.8	18.0	16.3	9.4	21.9	22.2	20.0	19.8	39.7	40.2	36.3
38.	Rural	17.0	29.0	29.4	26.5	15.3	35.7	36.3	32.7	32.3	64.7	65.7	59.2
39.	56. Peringat	6.0	10.4	12.8	17.1					6.0	10.4	12.8	17.1
	57. Pangkal Kalong	9.6	18.9	26.3	41.4					9.6	18.9	26.3	41.4
	134. Kadok	5.2	9.1	12.0	16.2					5.2	9.1	12.0	16.2
	Rural	34.3	72.0	80.5	87.8	36.5	113.0	126.4	137.9	70.8	185.0	206.9	225.7
	Sub-total	55.1	110.4	131.6	162.5	36.5	113.0	126.4	137.9	91.6	223.4	258.0	300.4

Remarks; (1) PWD served population includes those served by Water Works Departments and Water Authorities.  
(2) MOH served population is these covered by RESP.

Table 65 PROJECTED POPULATION SERVED BY PUBLIC WATER SUPPLY SYSTEMS BY CITY/TOWN BY BASIN UNDER THE CONDITION OF LOWER ECONOMIC GROWTH (5/5)

Unit: 10<sup>3</sup> persons

Basin No.	City/Rural	PWD Served Population				MOH Served Population				Total Served Population			
		1980	1985	1990	2000	1980	1985	1990	2000	1980	1985	1990	2000
40.	54. Tanah Merah	4.0	7.2	9.8	13.5					4.0	7.2	9.8	13.5
	55. Kota Bahru	145.6	214.2	293.4	446.5					145.6	214.2	293.4	446.5
	58. Pasir Mas	6.0	10.4	12.8	17.1					6.0	10.4	12.8	17.1
	133. Kuala Krai	5.6	12.4	18.8	34.2					5.6	12.4	18.8	34.2
	135. Gua Musang	2.4	5.2	7.5	12.6					2.4	5.2	7.5	12.6
	Rural	52.7	115.1	132.1	147.9	55.9	180.8	207.6	232.4	108.6	295.9	339.7	380.3
	Sub-total	216.3	364.5	474.4	671.8	55.9	180.8	207.6	232.4	272.2	545.3	682.0	904.2
41.	136. Rantau Panjang	-	-	-	-								
	Rural	17.5	39.2	45.7	52.0	18.6	61.6	71.7	81.7	36.1	100.8	117.4	133.7
	Sub-total	17.5	39.2	45.7	52.0	18.6	61.6	71.7	81.7	36.1	100.8	117.4	133.7
	Total Urban	4322.8	5374.6	6486.4	8542.7	0.0	0.0	0.0	0.0	4322.8	5374.6	6486.4	8542.7
	Total Rural	3322.0	4852.7	5729.7	6943.7	558.8	1351.9	1520.8	1685.3	3880.8	6204.6	7250.5	8629.0
	Grand Total	7644.8	10227.3	12216.1	15486.4	558.8	1351.9	1520.8	1685.3	8203.5	11579.2	13736.9	17171.7

- Remarks; (1) PWD served population includes those served by Water Works Departments and Water Authorities.  
(2) MOH served population is those covered by RESP.

Table 66

PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1980 (1/7)Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial					Total I	Total D & I
		Public		Un-Treated	Total	Private	Manufacturing			Palm Oil	Rubber		
		Treated	Un-Treated				Public	Private	Total				
1.	City 1. Kangar	0.9	-	0.9	0.1	1.0	0.6	0.6	1.2	-	-	1.2	2.2
	Rural 1. Perlis	3.9	0.1	4.0	0.4	4.4	0.3	0.1	0.4	0.0	0.0	0.4	4.8
	Basin Total	4.8	0.1	4.9	0.5	5.4	0.9	0.7	1.6	0.0	0.0	1.6	7.0
2.	Rural 2. Pulau Langkawi	0.3	0.1	0.4	0.3	0.7	0.1	0.1	0.2	0.0	0.0	0.2	0.9
	Basin Total	0.3	0.1	0.4	0.3	0.7	0.1	0.1	0.2	0.0	0.0	0.2	0.9
3.	City 101. Jitra	0.9	-	0.9	0.1	1.0	0.1	0.0	0.1	-	-	0.1	1.1
	2. Alor Setar	4.7	-	4.7	0.3	5.0	2.0	1.9	3.9	-	-	3.9	8.9
	102. Guar Chempedak	0.3	-	0.3	0.0	0.3	0.2	0.2	0.4	-	-	0.4	0.7
	103. Yan	0.2	-	0.2	0.0	0.2	0.2	0.1	0.3	-	-	0.3	0.5
	City Total	6.1	-	6.1	0.4	6.5	2.5	2.2	4.7	-	-	4.7	11.2
	Rural 3. Kulang Pasu	1.3	0.4	1.7	1.0	2.7	0.1	0.3	0.4	-	-	-	-
	4. Padang Terap	0.5	0.1	0.6	0.4	1.0	0.2	0.4	0.6	-	-	-	-
	5. Kota Setar	2.3	0.7	3.0	1.9	4.9	0.1	0.2	0.3	-	-	-	-
	6. Pendang	0.8	0.2	1.0	0.7	1.7	0.1	0.2	0.3	-	-	-	-
	7. Yan	0.5	0.1	0.6	0.4	1.0	0.0	0.1	0.1	-	-	-	-
	Rural Total	5.4	1.5	6.9	4.4	11.3	0.5	1.2	1.7	0.0	0.1	1.8	13.1
	Basin Total	11.5	1.5	13.0	4.8	17.8	3.0	3.4	6.4	0.0	0.1	6.5	24.3
4.	City 3. Sg. Petani	3.0	-	3.0	0.2	3.2	1.2	1.2	2.4	-	-	2.4	5.6
	Rural 9. Kuala Muda	0.8	0.2	1.0	0.7	1.7	0.1	0.1	0.2	0.0	1.2	1.4	3.1
	Basin Total	3.8	0.2	4.0	0.9	4.9	1.3	1.3	2.6	0.0	1.2	3.8	8.7
5.	City 104. Tikan Batu	0.1	-	0.1	0.0	0.1	0.1	0.1	0.2	-	-	0.2	0.3
	Rural 8. Sik	0.5	0.1	0.6	0.4	1.0	0.2	0.6	0.8	-	-	-	-
	9. Kuala Muda	0.7	0.2	0.9	0.6	1.5	0.1	0.1	0.2	-	-	-	-
	10. Baling	1.2	0.3	1.5	0.9	2.4	0.2	0.5	0.7	-	-	-	-
	11. Kulim	0.4	0.1	0.5	0.3	0.8	0.1	0.1	0.2	-	-	-	-
	13. Utera	1.0	0.0	1.0	0.1	1.1	1.3	0.4	1.7	-	-	-	-
	Rural Total	3.8	0.7	4.5	2.3	6.8	1.9	1.7	3.6	0.0	1.5	5.1	11.9
	Basin Total	3.9	0.7	4.6	2.3	6.9	2.0	1.8	3.8	0.0	1.5	5.3	12.2
6.	City 4. Kulim	1.8	-	1.8	0.1	1.9	0.2	0.1	0.3	-	-	0.3	2.2
	5. Butterworth	5.0	-	5.0	0.3	5.3	7.7	7.7	15.4	-	-	15.4	20.7
	109. Kg. Pmtg Kuching	0.7	-	0.7	0.0	0.7	0.6	0.6	1.2	-	-	1.2	1.9
	6. Bk. Mertajam	1.8	-	1.8	0.1	1.9	3.0	2.9	5.9	-	-	5.9	7.8
	110. Perai	0.6	-	0.6	0.0	0.6	6.3	6.2	12.5	-	-	12.5	13.1
	City Total	9.9	-	9.9	0.5	10.4	17.8	17.5	35.3	-	-	35.3	45.7
	Rural 11. Kulim	0.4	0.1	0.5	0.3	0.8	0.1	0.3	0.2	-	-	-	-
	13. Utara	2.4	0.0	2.4	0.3	2.7	3.0	0.9	3.9	-	-	-	-
	14. Tengah	3.7	0.0	3.7	0.4	4.1	3.9	1.1	5.0	-	-	-	-
	15. Selatan	2.2	0.0	2.2	0.2	2.4	4.1	1.1	5.2	-	-	-	-
	Rural Total	8.7	0.1	8.8	1.2	10.0	11.1	3.2	14.3	0.0	2.0	16.3	26.3
	Basin Total	18.6	0.1	18.7	1.7	20.4	28.9	20.7	49.6	0.0	2.0	51.6	72.0
7.	City 8. Georgetown	20.5	-	20.5	0.0	20.5	4.1	4.1	8.2	-	-	8.2	28.7
	105. Air Itam	2.4	-	2.4	0.1	2.5	2.1	2.1	4.2	-	-	4.2	6.7
	106. Tg. Tokong	0.9	-	0.9	0.1	1.0	0.8	0.8	1.6	-	-	1.6	2.6
	107. Gelugor	0.9	-	0.9	0.1	1.0	0.2	0.2	0.4	-	-	0.4	1.4
	108. Tg. Bunga	0.7	-	0.7	0.0	0.7	0.6	0.6	1.2	-	-	1.2	1.9
	City Total	25.4	-	25.4	0.3	25.7	7.8	7.8	15.6	-	-	15.6	41.3
	Rural 16. Timur Laut	2.1	0.0	2.1	0.2	2.3	2.0	0.6	2.6	-	-	-	-
	17. Barat Daya	2.3	0.0	2.3	0.3	2.6	2.9	0.8	3.7	-	-	-	-
	Rural Total	4.4	0.0	4.4	0.5	4.9	4.9	1.4	6.3	0.0	0.7	7.0	11.9
	Basin Total	29.8	0.0	29.8	0.8	30.6	12.7	9.2	21.9	0.0	0.7	22.6	53.2

Remarks: (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 67 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND BY PURPOSE BY TYPE OF SUPPLY FOR 1980 (2/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic				Industrial							Total I	Total D & I		
		Public		Total	Private	Manufacturing			Palm		Total					
		Treated	Un-Treated			Public	Private	Total	Oil	Rubber						
8.	Rural	12. Bandar Bahru	0.3	0.1	0.4	0.3	0.7	0.0	0.1	0.1						
		20. Krian	0.3	0.0	0.3	0.1	0.4	0.1	0.0	0.1						
		Rural Total	0.6	0.1	0.7	0.4	1.1	0.1	0.1	0.2	0.0	0.5	0.7	1.8		
		Basin Total	0.6	0.1	0.7	0.4	1.1	0.1	0.1	0.2	0.0	0.5	0.7	1.8		
9.	City	112. Bagan Serai	0.6	-	0.6	0.0	0.6	1.0	0.9	1.9	-	-	1.9	2.5		
		10. Taiping	13.0	-	13.0	0.0	13.0	6.7	6.6	13.3	-	-	13.3	26.3		
		City Total	13.6	-	13.6	0.0	13.6	7.7	7.5	15.2	-	-	15.2	28.8		
	Rural	20. Krian	2.8	0.1	2.9	0.8	3.7	0.6	0.4	1.0						
		21. Larut dan Matang	2.2	0.1	2.3	0.6	2.9	0.9	0.7	1.6						
		25. Dinding	3.1	0.2	3.3	0.9	4.2	0.7	0.6	1.3						
		Rural Total	8.1	0.4	8.5	2.3	10.8	2.2	1.7	3.9	0.0	1.3	5.2	16.0		
		Basin Total	21.7	0.4	22.1	2.3	24.4	9.9	9.2	19.1	0.0	1.3	20.4	44.8		
10.	City	11. Kuala Kangsar	1.0	-	1.0	0.1	1.1	0.9	0.8	1.7	-	-	1.7	2.8		
		12. Sg. Siput Utara	1.5	-	1.5	0.1	1.6	0.3	0.2	0.5	-	-	0.5	2.1		
		13. Ipoh	26.1	-	26.1	0.0	26.1	7.6	7.5	15.1	-	-	15.1	41.2		
		14. Batu Gajah	0.7	-	0.7	0.0	0.7	0.4	0.4	0.8	-	-	0.8	1.5		
		15. Kampar	1.7	-	1.7	0.1	1.8	0.5	0.4	0.9	-	-	0.9	2.7		
		111. Baru Mambang	0.6	-	0.6	0.0	0.6	0.3	0.3	0.6	-	-	0.6	1.2		
		113. Jelapang	0.3	-	0.3	0.0	0.3	0.1	0.0	0.1	-	-	0.1	0.4		
		17. Telok Anson	3.3	-	3.3	0.2	3.5	2.3	2.3	4.6	-	-	4.6	8.1		
		18. Tapah	0.6	-	0.6	0.0	0.6	0.5	0.5	1.0	-	-	1.0	1.6		
		City Total	35.8	-	35.8	0.5	36.3	12.9	12.4	25.3	-	-	25.3	61.6		
	Rural	18. Ulu Perak	1.5	0.1	1.6	0.4	2.0	0.8	0.7	1.5						
		22. Kuala Kangsar	2.2	0.1	2.3	0.6	2.9	1.7	1.4	3.1						
		23. Kinta	4.8	0.3	5.1	1.4	6.5	1.3	1.1	2.4						
		24. Perak Tengah	1.6	0.1	1.7	0.5	2.2	1.2	1.0	2.2						
		26. Hilir Perak	2.3	0.1	2.4	0.7	3.1	0.6	0.5	1.1						
		27. Batang Padang	1.6	0.1	1.7	0.5	2.2	1.1	0.9	2.0						
		Rural Total	14.0	0.8	14.8	4.1	18.9	6.7	5.6	12.3	0.3	2.2	14.8	33.7		
		Basin Total	49.8	0.8	50.6	4.6	55.2	19.6	18.0	37.6	0.3	2.2	40.1	95.3		
11.	Rural	26. Hilir Perak	1.0	0.1	1.1	0.3	1.4	0.3	0.2	0.5						
		27. Batang Padang	1.1	0.1	1.2	0.3	1.5	0.7	0.6	1.3						
		28. Sabak Bernam	2.6	0.0	2.6	0.5	3.1	6.9	3.7	10.6						
		29. Kuala Selangor	0.5	0.0	0.5	0.1	0.6	1.6	0.8	2.4						
		30. Ulu Selangor	0.1	0.0	0.1	0.0	0.1	0.7	0.4	1.1						
		Rural Total	5.3	0.2	5.5	1.2	6.7	10.2	5.7	15.9	0.4	1.1	17.4	24.1		
		Basin Total	5.3	0.2	5.5	1.2	6.7	10.2	5.7	15.9	0.4	1.1	17.4	24.1		
12.	Rural	29. Kuala Selangor	0.6	0.0	0.6	0.1	0.7	1.7	0.9	2.6	0.0	0.0	2.6	3.3		
		Basin Total	0.6	0.0	0.6	0.1	0.7	1.7	0.9	2.6	0.0	0.0	2.6	3.3		
13.	City	21. Kuala Kubu Baru	0.7	-	0.7	0.0	0.7	0.8	0.7	1.5	-	-	1.5	2.2		
	Rural	29. Kuala Selangor	1.0	0.0	1.0	0.2	1.2	2.9	1.6	4.5						
		30. Ulu Selangor	1.7	0.0	1.7	0.4	2.1	11.3	6.1	17.4						
		31. Gombak	1.8	0.0	1.8	0.4	2.2	1.9	1.0	2.9						
		Rural Total	4.5	0.0	4.5	1.0	5.5	16.1	8.7	24.8	0.1	0.3	25.2	30.7		
		Basin Total	5.2	0.0	5.2	1.0	6.2	16.9	9.4	26.3	0.1	0.3	26.7	32.9		
14.	City	114. S. Buloh	0.2	-	0.2	0.0	0.2	0.5	0.4	0.9	-	-	0.9	1.1		
	Rural	29. Kuala Selangor	0.7	0.0	0.7	0.1	0.8	2.0	1.0	3.0						
		33. Petaling	0.6	0.0	0.6	0.1	0.7	0.7	0.4	1.1						
		Rural Total	1.3	0.0	1.3	0.2	1.5	2.7	1.4	4.1	0.2	0.3	4.6	6.1		
		Basin Total	1.5	0.0	1.5	0.2	1.7	3.2	1.8	5.0	0.2	0.3	5.5	7.2		

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 68

PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1980 (3/7)Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic				Industrial						Total Total I D & I		
		Public		Total	Private	Manufacturing			Palm					
		Un-Treated	Treated			Public	Private	Total	Oil	Rubber				
15.	City	22. Kelang	17.1	-	17.1	0.0	17.1	14.8	14.8	29.6	-	-	29.6	46.7
		23. Shah Alam	1.6	-	1.6	0.1	1.7	1.8	1.8	3.6	-	-	3.6	5.3
		24. Petaling Jaya	18.9	-	18.9	0.0	18.9	53.4	53.3	106.7	-	-	106.7	125.6
		25. Bandaraya Kl	91.1	-	91.1	0.0	91.1	33.3	33.2	66.5	-	-	66.5	157.6
		116. Ampang	0.9	-	0.9	0.1	1.0	0.2	0.1	0.3	-	-	0.3	1.3
		117. Serdang Baru	1.1	-	1.1	0.1	1.2	1.2	1.2	2.4	-	-	2.4	3.6
		City Total	130.7	-	130.7	0.3	131.0	104.7	104.4	209.1	-	-	209.1	340.1
	Rural	31. Gombak	2.2	0.0	2.2	0.5	2.7	2.4	1.3	3.7	-	-	-	-
		32. Kelang	2.2	0.0	2.2	0.5	2.7	4.4	2.3	6.7	-	-	-	-
		33. Petaling	2.1	0.0	2.1	0.4	2.5	2.7	1.4	4.1	-	-	-	-
		34. Federal Territory Ul	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
		37. Sepang	0.3	0.0	0.3	0.1	0.4	1.2	0.7	1.9	-	-	-	-
		Rural Total	6.8	0.0	6.8	1.5	8.3	10.7	5.7	16.4	0.2	2.4	19.0	27.3
		Basin Total	137.5	0.0	137.5	1.8	139.3	115.4	110.1	225.5	0.2	2.4	228.1	367.4
16.	City	26. Kajang Chua	2.0	-	2.0	0.1	2.1	2.3	2.2	4.5	-	-	4.5	6.6
		115. Semenyih	0.6	-	0.6	0.0	0.6	0.8	0.7	1.5	-	-	1.5	2.1
		City Total	2.6	-	2.6	0.1	2.7	3.1	2.9	6.0	-	-	6.0	8.7
	Rural	35. U. Langat	3.6	0.1	3.7	0.7	4.4	5.8	3.1	8.9	-	-	-	-
		36. Kuala Langat	2.0	0.0	2.0	0.4	2.4	4.5	2.4	6.9	-	-	-	-
		37. Sepang	0.5	0.0	0.5	0.1	0.6	2.0	1.0	3.0	-	-	-	-
		39. Seremban	0.9	0.0	0.9	0.2	1.1	0.2	0.1	0.3	-	-	-	-
		Rural Total	7.0	0.1	7.1	1.4	8.5	12.5	6.6	19.1	0.2	0.8	20.1	28.6
		Basin Total	9.6	0.1	9.7	1.5	11.2	15.6	9.5	25.1	0.2	0.8	26.1	37.3
	17.	City	28. Port Dickson	1.6	-	1.6	0.1	1.7	11.4	11.4	22.8	-	-	22.8
Rural			36. Kuala Langat	0.6	0.0	0.6	0.1	0.7	1.2	0.7	1.9	-	-	-
		37. Sepang	0.3	0.0	0.3	0.1	0.4	1.2	0.6	1.8	-	-	-	-
		38. Port Dickson	0.6	0.0	0.6	0.1	0.7	0.1	0.0	0.1	-	-	-	-
		39. Seremban	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
		Rural Total	1.5	0.0	1.5	0.3	1.8	2.5	1.3	3.8	0.1	0.2	4.1	5.9
	Basin Total	3.1	0.0	3.1	0.4	3.5	13.9	12.7	26.6	0.1	0.2	26.9	30.4	
18.	City	29. Seremban	11.8	-	11.8	0.0	11.8	2.1	2.0	4.1	-	-	4.1	15.9
		Rural	38. Port Dickson	0.9	0.0	0.9	0.2	1.1	0.1	0.1	0.2	-	-	-
		39. Seremban	0.9	0.0	0.9	0.2	1.1	0.2	0.1	0.3	-	-	-	-
		42. Pembau	0.9	0.0	0.9	0.2	1.1	0.1	0.1	0.2	-	-	-	-
		44. Utsra	1.5	0.0	1.5	0.2	1.7	0.2	0.1	0.3	-	-	-	-
		Rural Total	4.2	0.0	4.2	0.8	5.0	0.6	0.4	1.0	0.1	1.9	3.0	8.0
		Basin Total	16.0	0.0	16.0	0.8	16.8	2.7	2.4	5.1	0.1	1.9	7.1	23.9
19.	City	119. Tampin	0.6	-	0.6	0.0	0.6	0.2	0.2	0.4	-	-	0.4	1.0
		31. Melaka	5.8	-	5.8	0.3	6.1	3.0	3.0	6.0	-	-	6.0	12.1
		120. Kelebang	0.3	-	0.3	0.0	0.3	0.3	0.3	0.6	-	-	0.6	0.9
		121. Bukit Baru	1.2	-	1.2	0.1	1.3	0.6	0.6	1.2	-	-	1.2	2.5
		City Total	7.9	-	7.9	0.4	8.3	4.1	4.1	8.2	-	-	8.2	16.5
	Rural	43. Tampin	0.2	0.0	0.2	0.0	0.2	0.1	0.0	0.1	-	-	-	-
		44. Utara	1.6	0.0	1.6	0.2	1.8	0.2	0.1	0.3	-	-	-	-
		45. Tengah	3.7	0.1	3.8	0.6	4.4	0.2	0.1	0.3	-	-	-	-
		46. Selatan	0.6	0.0	0.6	0.1	0.7	0.1	0.1	0.2	-	-	-	-
		Rural Total	6.1	0.1	6.2	0.9	7.1	0.6	0.3	0.9	0.0	2.4	3.3	10.4
	Basin Total	14.0	0.1	14.1	1.3	15.4	4.7	4.4	9.1	0.0	2.4	11.5	26.9	
20.	City	33. Tangkak	0.9	-	0.9	0.1	1.0	0.1	0.0	0.1	-	-	0.1	1.1
		Rural	16. Selatan	1.8	0.0	1.8	0.3	2.1	7.4	3.1	10.5	-	-	-
		48. Muar	0.3	0.0	0.3	0.3	0.6	0.1	0.2	0.3	-	-	-	-
		Rural Total	2.1	0.0	2.1	0.6	2.7	7.5	3.3	10.8	0.0	0.3	11.7	13.8
	Basin Total	3.0	0.0	3.0	0.7	3.7	7.6	3.3	10.9	0.0	0.3	11.2	14.9	

Remarks; (1) All the figures are given in terms of source demand,  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 69

PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1980 (4/7)Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic				Industrial				Palm Oil	Rubber	Total Total		
		Public		Total	Manufacturing			I	D & I					
		Treated	Un-Treated		Public	Private	Total							
21.	City	30. Kuala Pilah	0.8	-	0.8	0.0	0.8	0.4	0.4	0.8	-	-	0.8	1.6
		32. Segamat	2.3	-	2.3	0.1	2.4	0.9	0.9	1.8	-	-	1.8	4.2
		122. Labis	0.7	-	0.7	0.0	0.7	0.8	0.7	1.5	-	-	1.5	2.2
		125. Jementah	0.3	-	0.3	0.0	0.3	0.4	0.4	0.8	-	-	0.8	1.1
		34. Muar	4.3	-	4.3	0.3	4.6	2.5	2.5	5.0	-	-	5.0	9.6
		145. PT9	0.1	-	0.1	0.0	0.1	0.0	0.0	0.0	-	-	0.0	0.1
		City Total	8.5	-	8.5	0.4	8.9	5.0	4.9	9.9	-	-	9.9	18.8
	Rural	41. Kuala Pilah	2.0	0.1	2.1	0.4	2.5	0.6	0.3	0.9	-	-	-	-
		43. Tampin	1.0	0.0	1.0	0.2	1.2	0.3	0.1	0.4	-	-	-	-
		47. Segamat	0.8	0.1	0.9	0.8	1.7	0.7	1.7	2.4	-	-	-	-
		48. Muar	2.0	0.1	2.1	2.0	4.1	0.7	1.7	2.4	-	-	-	-
		Rural Total	5.8	0.3	6.1	3.4	9.5	2.3	3.8	6.1	0.2	2.4	8.7	18.2
	Basin Total		14.3	0.3	14.6	3.8	18.4	7.3	8.7	16.0	0.2	2.4	18.6	37.0
22.	City	35. Batu Pahat	4.3	-	4.3	0.3	4.6	2.9	2.9	5.8	-	-	5.8	10.4
		123. Yong Peng	0.7	-	0.7	0.0	0.7	1.4	1.4	2.8	-	-	2.8	3.5
		City Total	5.0	-	5.0	0.3	5.3	4.3	4.3	8.6	-	-	8.6	13.9
	Rural	47. Segamat	0.3	0.0	0.3	0.3	0.6	0.3	0.6	0.9	-	-	-	-
		49. Batu Pahat	2.2	0.1	2.3	2.1	4.4	0.6	1.7	2.3	-	-	-	-
		53. Keluang	0.3	0.0	0.3	0.3	0.6	0.2	0.4	0.6	-	-	-	-
		Rural Total	2.8	0.1	2.9	2.7	5.6	1.1	2.7	3.8	0.2	0.5	4.5	10.1
	Basin Total		7.8	0.1	7.9	3.0	10.9	5.4	7.0	12.4	0.2	0.5	13.1	24.0
23.	City	37. Pontian Kecil	1.4	-	1.4	0.1	1.5	2.0	1.9	3.9	-	-	3.9	5.4
		124. Pekan Nanas	0.6	-	0.6	0.0	0.6	0.6	0.5	1.1	-	-	1.1	1.7
		38. Kulat	1.5	-	1.5	0.1	1.6	3.9	3.9	7.8	-	-	7.8	9.4
		39. Johor Bahru	19.9	-	19.9	0.0	19.9	8.7	8.6	17.3	-	-	17.3	37.2
		127. Senai	0.2	-	0.2	0.0	0.2	0.4	0.3	0.7	-	-	0.7	0.9
		128. Kelapa Sawit	0.2	-	0.2	0.0	0.2	0.0	0.0	0.0	-	-	0.0	0.2
		129. Masai	0.2	-	0.2	0.0	0.2	0.3	0.3	0.6	-	-	0.6	0.8
		City Total	24.0	-	24.0	0.2	24.2	15.9	15.5	31.4	-	-	31.4	55.6
	Rural	50. Pontian	1.0	0.1	1.1	1.0	2.1	0.3	0.8	1.1	-	-	-	-
		51. Johor Bahru	0.9	0.1	1.0	0.9	1.9	0.4	1.0	1.4	-	-	-	-
		53. Keluang	0.3	0.0	0.3	0.3	0.6	0.2	0.4	0.6	-	-	-	-
		Rural Total	2.2	0.2	2.4	2.2	4.6	0.9	2.2	3.1	0.3	1.5	4.9	9.5
	Basin Total		26.2	0.2	26.4	2.4	28.8	16.8	17.7	34.5	0.3	1.5	36.3	65.1
24.	City	126. Ulu Tiram	0.2	-	0.2	0.0	0.2	2.2	2.2	4.4	-	-	4.4	4.6
		40. Kota Tinggi	0.9	-	0.9	0.1	1.0	1.0	1.0	2.0	-	-	2.0	3.0
		City Total	1.1	-	1.1	0.1	1.2	3.2	3.2	6.4	-	-	6.4	7.6
	Rural	51. Johor Bahru	0.4	0.0	0.4	0.4	0.8	0.2	0.4	0.6	-	-	-	-
		52. Kota Tinggi	0.6	0.0	0.6	0.6	1.2	0.6	1.7	2.3	-	-	-	-
		53. Keluang	0.1	0.0	0.1	0.1	0.2	0.1	0.2	0.3	-	-	-	-
		Rural Total	1.1	0.0	1.1	1.1	2.2	0.9	2.3	3.2	0.8	0.5	4.5	6.7
	Basin Total		2.2	0.0	2.2	1.2	3.4	4.1	5.5	9.6	0.8	0.5	10.9	14.3
25.	Rural	52. Kota Tinggi	0.4	0.0	0.4	0.4	0.8	0.4	1.2	1.6	-	-	-	-
		54. Mersing	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.5	-	-	-	-
		Rural Total	0.4	0.0	0.4	0.4	0.8	0.5	1.6	2.1	0.0	0.0	2.1	2.9
	Basin Total		0.4	0.0	0.4	0.4	0.8	0.5	1.6	2.1	0.0	0.0	2.1	2.9
26.	City	42. Mersing	0.9	0.0	0.9	0.1	1.0	0.8	0.7	1.5	-	-	1.5	2.5
	Rural	54. Mersing	0.1	0.0	0.1	0.1	0.2	0.3	0.6	0.9	0.0	0.0	0.9	1.1
	Basin Total		1.0	0.0	1.0	0.2	1.2	1.1	1.3	2.4	0.0	0.0	2.4	3.6

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.



Table 70

PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1980 (5/7)Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial					Total I	Total D & I		
		Public		Total	Private	Manufacturing			Palm Oil	Rubber					
		Treated	Un-Treated			Public	Private	Total							
27.	City	41. Keluang	3.4	0.0	3.4	0.2	3.6	3.6	3.5	7.1	-	-	7.1	10.7	
		151. PT15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	0.0	
		City Total	3.4	0.0	3.4	0.2	3.6	3.6	3.5	7.1	-	-	7.1	10.7	
	Rural	53. Keluang	0.8	0.0	0.8	0.8	1.6	0.5	1.2	1.7	-	-	-	-	
		54. Mersing	0.2	0.0	0.2	0.2	0.4	0.5	1.3	1.8	-	-	-	-	
		55. Rompin/Pekan/ Temerloh	0.2	0.0	0.2	0.1	0.3	0.0	0.0	0.0	-	-	-	-	
		Rural Total	1.2	0.0	1.2	1.1	2.3	1.0	2.5	3.5	0.2	0.6	4.3	6.6	
	Basin Total		4.6	0.0	4.6	1.3	5.9	4.6	6.0	10.6	0.2	0.6	11.4	17.3	
	28.	City	C139 PT3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	0.0
			C141 PT5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	0.0
C142 PT6			0.1	0.0	0.1	0.0	0.1	0.1	0.0	0.1	-	-	0.1	0.2	
C143 PT7			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	0.0	
C146 PT10			0.1	0.0	0.1	0.0	0.1	0.1	0.0	0.1	-	-	0.1	0.2	
C147 PT11			0.1	0.0	0.1	0.0	0.1	0.1	0.0	0.1	-	-	0.1	0.2	
C148 PT12			1.2	0.0	1.2	0.1	1.3	0.3	0.2	0.5	-	-	0.5	1.8	
C149 PT13			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	0.0	
C150 PT14			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	0.0	
City Total			1.5	0.0	1.5	0.1	1.6	0.6	0.2	0.8	-	-	0.8	2.4	
Rural		55. Rompin/Pekan/ Temerloh	1.1	0.1	1.2	0.4	1.6	0.0	0.1	0.1	0.4	0.0	0.5	2.1	
Basin Total		2.6	0.1	2.7	0.5	3.2	0.6	0.3	0.9	0.4	0.0	1.3	4.5		
29.		City	C140 PT4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	0.0	
			Rural	55. Rompin/Pekan/ Temerloh	0.4	0.0	0.4	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.6
	Basin Total		0.4	0.0	0.4	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6	
30.	City	C118. Bahau	0.7	0.0	0.7	0.0	0.7	0.2	0.2	0.4	-	-	0.4	1.1	
		C137 PT1	0.9	0.0	0.9	0.1	1.0	0.2	0.2	0.4	-	-	0.4	1.4	
		C138 PT2	0.1	0.0	0.1	0.0	0.1	0.1	0.0	0.1	-	-	0.1	0.2	
		C144 PT8	0.1	0.0	0.1	0.0	0.1	0.1	0.0	0.1	-	-	0.1	0.2	
		C152 PT16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	0.0	
		C153 PT17	0.7	0.0	0.7	0.0	0.7	0.2	0.1	0.3	-	-	0.3	1.0	
		C154 PT18	0.3	0.0	0.3	0.0	0.3	0.1	0.1	0.2	-	-	0.2	0.5	
		C155 PT19	0.2	0.0	0.2	0.0	0.2	0.1	0.0	0.1	-	-	0.1	0.3	
		C156 PT20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	0.0	
		130. Hentekab	0.3	0.0	0.3	0.0	0.3	0.4	0.4	0.8	-	-	0.8	1.1	
		45. Temerloh	0.9	0.0	0.9	0.1	1.0	0.6	0.5	1.1	-	-	1.1	2.1	
		131. Teriang	0.3	0.0	0.3	0.0	0.3	0.1	0.1	0.2	-	-	0.2	0.5	
		46. Bentong	1.5	0.0	1.5	0.1	1.6	0.1	0.1	0.2	-	-	0.2	1.8	
		48. Jerantut	0.2	0.0	0.2	0.0	0.2	0.6	0.6	1.2	-	-	1.2	1.4	
		49. Raub	1.5	0.0	1.5	0.1	1.6	0.3	0.2	0.5	-	-	0.5	2.1	
		50. Kuala Lipis	0.7	0.0	0.7	0.0	0.7	0.2	0.1	0.3	-	-	0.3	1.0	
	City Total	8.4	0.0	8.4	0.4	8.8	3.3	2.6	5.9	-	-	5.9	14.7		
	Rural	40. Jelebu	1.0	0.0	1.0	0.2	1.2	0.5	0.2	0.7	-	-	-	-	
		41. Kuala Pilah	0.9	0.0	0.9	0.2	1.1	0.3	0.1	0.4	-	-	-	-	
		55. Rompin/Pekan/ Temerloh	2.0	0.2	2.2	0.8	3.0	0.3	0.4	0.7	-	-	-	-	
		58. Bentong	0.9	0.1	1.0	0.3	1.3	0.0	0.1	0.1	-	-	-	-	
		59. Kuantan	0.2	0.0	0.2	0.1	0.3	0.0	0.1	0.1	-	-	-	-	
		60. Jerantut	1.2	0.1	1.3	0.4	1.7	0.2	0.2	0.4	-	-	-	-	
61. Raub		0.7	0.1	0.8	0.3	1.1	0.0	0.1	0.1	-	-	-	-		
62. Lipis	0.8	0.1	0.9	0.3	1.2	0.1	0.2	0.3	-	-	-	-			
63. Cameron G. Highland	0.4	0.0	0.4	0.1	0.5	0.0	0.0	0.0	-	-	-	-			
Rural Total		8.1	0.6	8.7	3.2	11.0	1.4	1.4	2.8	2.0	1.2	6.0	17.9		
Basin Total		16.5	0.6	17.1	3.6	20.7	4.7	4.0	8.7	2.0	1.2	11.9	32.6		

Remarks; (1) All the figures are given in terms of source demand;  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin,

Table 71 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1980 (6/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial					Total I	Total D & I
		Public		Total	Private	Total D	Manufacturing			Palm Oil	Rubber		
		Treated	Un-Treated				Public	Private	Total				
31.	City 47. Kuantan	11.8	0.0	11.8	0.0	11.8	1.3	1.2	2.5	-	-	2.5	14.3
	Rural 59. Kuantan	0.5	0.0	0.5	0.2	0.7	0.0	0.1	0.1	0.2	0.5	0.8	1.5
	Basin Total	12.3	0.0	12.3	0.2	12.5	1.3	1.3	2.6	0.2	0.5	3.3	15.8
32.	City 51. Chukai	1.0	0.0	1.0	0.1	1.1	0.1	0.1	0.2	-	-	0.2	1.3
	Rural 64. Kemaman	0.5	0.2	0.7	0.4	1.1	0.1	0.3	0.4	0.2	0.0	0.6	1.7
	Basin Total	1.5	0.2	1.7	0.5	2.2	0.2	0.4	0.6	0.2	0.0	0.8	3.0
33.	Rural 65. Dungun	0.1	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.0	0.0	0.2	0.4
	Basin Total	0.1	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.0	0.0	0.2	0.4
34.	City 52. Dungun	2.0	0.0	2.0	0.1	2.1	0.2	0.1	0.3	-	-	0.3	2.4
	Rural 65. Dungun	0.2	0.1	0.3	0.2	0.5	0.1	0.2	0.3	0.0	0.0	0.3	0.8
	Basin Total	2.2	0.1	2.3	0.3	2.6	0.3	0.3	0.6	0.0	0.0	0.6	3.2
35.	Rural 66. Marang	0.3	0.1	0.4	0.2	0.6	0.0	0.1	0.1	-	-	-	-
	67. Ulu Trengganu	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Rural Total	0.3	0.1	0.4	0.2	0.6	0.0	0.1	0.1	0.1	0.0	0.2	0.8
	Basin Total	0.3	0.1	0.4	0.2	0.6	0.0	0.1	0.1	0.1	0.0	0.2	0.8
36.	City 132. Ulu Trengganu	0.2	0.0	0.2	0.0	0.2	0.0	0.0	0.0	-	-	0.0	0.2
	53. Kuala Trengganu	16.2	0.0	16.2	0.0	16.2	0.7	0.7	1.4	-	-	1.4	17.6
	City Total	16.4	0.0	16.4	0.0	16.4	0.7	0.7	1.4	-	-	1.4	17.8
	Rural 67. Ulu Trengganu	0.4	0.2	0.6	0.3	0.9	0.2	0.4	0.6	-	-	-	-
	68. Kuala Trengganu	0.5	0.2	0.7	0.4	1.1	0.1	0.1	0.2	-	-	-	-
	Rural Total	0.9	0.4	1.3	0.7	2.0	0.3	0.5	0.8	0.1	0.2	1.1	3.1
	Basin Total	17.3	0.4	17.7	0.7	18.4	1.0	1.2	2.2	0.1	0.2	2.5	20.9
37.	Rural 69. Besut	0.4	0.2	0.6	0.3	0.9	0.0	0.1	0.1	0.0	0.0	0.1	1.0
	Basin Total	0.4	0.2	0.6	0.3	0.9	0.0	0.1	0.1	0.0	0.0	0.1	1.0
38.	Rural 69. Besut	0.6	0.3	0.9	0.5	1.4	0.1	0.1	0.2	0.0	0.0	0.2	1.6
	Basin Total	0.6	0.3	0.9	0.5	1.4	0.1	0.1	0.2	0.0	0.0	0.2	1.6
39.	City 56. Perinagat	0.5	0.0	0.5	0.2	0.7	0.1	0.1	0.2	-	-	0.2	0.9
	57. Pangkal Kalong	0.7	0.0	0.7	0.3	1.0	0.2	0.1	0.3	-	-	0.3	1.3
	134. Kadok	0.4	0.0	0.4	0.1	0.5	0.1	0.1	0.2	-	-	0.2	0.7
	City Total	1.6	0.0	1.6	0.6	2.2	0.4	0.3	0.7	-	-	0.7	2.9
	Rural 71. Pasir Puteh	0.5	0.3	0.8	0.9	1.7	0.0	0.0	0.0	-	-	-	-
	74. Bacjok	0.5	0.3	0.8	0.8	1.6	0.0	0.0	0.0	-	-	-	-
	75. Kota Bahru	0.3	0.1	0.4	0.4	0.8	0.0	0.0	0.0	-	-	-	-
	Rural Total	1.3	0.7	2.0	2.1	4.1	0.0	0.0	0.0	0.0	0.1	0.1	4.2
	Basin Total	2.9	0.7	3.6	2.7	6.3	0.4	0.3	0.7	0.0	0.1	0.8	7.1

Remarks: (1) All the figures are given in terms of source demand,  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 72

PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1980 (7/7)Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial					Total I	Total D & I	
		Public		Total	Private	Manufacturing			Palm Oil	Rubber				
		Treated	Un-Treated			Public	Private	Total						
40.	City	135. Gua Musang	0.1	0.0	0.1	0.1	0.2	0.1	0.0	0.1	-	-	0.1	0.3
		54. Tanah Merah	0.3	0.0	0.3	0.1	0.4	0.2	0.2	0.4	-	-	0.4	0.8
		55. Kota Bharu	11.9	0.0	11.9	0.7	12.6	1.0	1.0	2.0	-	-	2.0	14.6
		58. Pasir Mas	0.5	0.0	0.5	0.2	0.7	0.1	0.0	0.1	-	-	0.1	0.8
		133. Kuala Krai	0.4	0.0	0.4	0.2	0.6	0.2	0.2	0.4	-	-	0.4	1.0
		City Total	13.1	0.0	13.1	1.3	14.5	1.6	1.4	3.0	-	-	3.0	17.5
	Rural	70. Ulu Kelantan	0.4	0.2	0.6	0.7	1.3	0.1	0.3	0.4	-	-	-	-
		72. Machang	0.4	0.2	0.6	0.6	1.2	0.0	0.0	0.0	-	-	-	-
		73. Tanah Merah	0.3	0.1	0.4	0.4	0.8	0.0	0.0	0.0	-	-	-	-
		75. Kota Bharu	0.1	0.1	0.2	0.2	0.4	0.0	0.0	0.0	-	-	-	-
		76. Pasir Mas	0.2	0.1	0.3	0.4	0.7	0.0	0.0	0.0	-	-	-	-
		77. Tumpat	0.5	0.3	0.8	0.9	1.7	0.0	0.0	0.0	-	-	-	-
		Rural Total	1.9	1.0	2.9	3.2	6.1	0.1	0.3	0.4	0.0	0.3	0.7	6.8
		Basin Total	15.0	1.0	16.0	4.5	20.5	1.7	1.7	3.4	0.0	0.3	3.7	24.2
41.	City	136. Pantan Panjang	0.1	0.0	0.1	0.1	0.2	0.0	0.0	0.0	-	-	0.0	0.2
		Rural	73. Tanah Merah	0.2	0.1	0.3	0.3	0.6	0.0	0.0	0.0	-	-	-
		76. Pasir Mas	0.5	0.2	0.7	0.8	1.5	0.0	0.0	0.0	-	-	-	-
		Rural Total	0.7	0.3	1.0	1.1	2.1	0.0	0.0	0.0	0.1	0.0	0.1	2.2
	Basin Total	0.8	0.3	1.1	1.2	2.3	0.0	0.0	0.0	0.1	0.0	0.1	2.4	
Total for Peninsular Malaysia		469.6	9.0	478.6	55.0	533.6	320.6	282.4	603.0	6.4	27.0	636.4	1170.0	

Remarks; (1) All the figures are given in terms of source demand,  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 73

PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1985 (1/7)Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic				Industrial						Total Total	
		Public		Total	Private	Manufacturing			Palm Oil	Rubber	I	D 6 I	
		Treated	Un-Treated			Public	Private	Total					
1.	City 1. Kangar	1.1		1.1	0.1	1.2	0.7	0.6	1.3	-	-	1.3	2.5
	Rural 1. Perlis	5.6	0.4	6.0	0.3	6.3	0.3	0.1	0.4	0.0	0.0	0.4	6.7
	Basin Total	6.7	0.4	7.1	0.4	7.5	1.0	0.7	1.7	0.0	0.0	1.7	9.2
2.	Rural 2. Pulau Langkawi	0.9	0.2	1.1	0.1	1.2	0.1	0.1	0.2	0.0	0.0	0.2	1.4
	Basin Total	0.9	0.2	1.1	0.1	1.2	0.1	0.1	0.2	0.0	0.0	0.2	1.4
3.	City 101. Jitra	1.5	0.0	1.5	0.1	1.6	0.2	0.1	0.3	-	-	0.3	1.9
	2. Alor Setar	5.6	0.0	5.6	0.2	5.8	5.2	5.1	10.3	-	-	10.3	16.1
	102. Guar Chempedak	0.7	0.0	0.7	0.0	0.7	0.5	0.5	1.0	-	-	1.0	1.7
	103. Yan	0.3	0.0	0.3	0.0	0.3	0.5	0.4	0.9	-	-	0.9	1.2
	City Total	8.1	0.0	8.1	0.3	8.4	6.4	6.1	12.5	-	-	12.5	20.9
	Rural 3. Kulang Pasu	3.3	0.8	4.1	0.3	4.4	0.2	0.2	0.4				
	4. Padang Terap	1.3	0.3	1.6	0.1	1.7	0.3	0.3	0.6				
	5. Kota Setar	6.7	1.6	8.3	0.6	8.9	0.2	0.1	0.3				
	6. Pendang	2.2	0.5	2.7	0.2	2.9	0.2	0.1	0.3				
	7. Yan	1.3	1.6	2.9	0.1	3.0	0.1	0.0	0.1				
	Rural Total	14.8	4.8	19.6	1.3	20.9	1.0	0.7	1.7	0.0	0.2	1.9	22.8
	Basin Total	22.9	4.8	27.7	1.6	29.3	7.4	6.8	14.2	0.0	0.2	14.4	43.7
4.	City 3. Sg. Petani	3.9	0.0	3.9	0.2	4.1	3.3	3.2	6.5	0.0	0.0	6.5	10.6
	Rural 9. Kuala Muda	2.3	0.6	2.9	0.2	3.1	0.1	0.1	0.2	0.0	1.4	1.6	4.7
	Basin Total	6.2	0.6	6.8	0.4	7.2	3.4	3.3	6.7	0.0	1.4	8.1	15.3
5.	City 104. Tikan Batu	0.3	0.0	0.3	0.0	0.3	0.4	0.3	0.7	0.0	0.0	0.7	1.0
	Rural 8. Sik	1.3	0.3	1.6	0.1	1.7	0.4	0.4	0.8				
	9. Kuala Muda	2.1	0.5	2.6	0.2	2.8	0.1	0.1	0.2				
	10. Baling	3.1	0.7	3.8	0.3	4.1	0.4	0.3	0.7				
	11. Kulim	0.9	0.2	1.1	0.1	1.2	0.1	0.1	0.2				
	13. Utara	1.6	0.0	1.6	0.1	1.7	1.3	0.3	1.6				
	Rural Total	9.0	1.7	10.7	0.8	11.5	2.3	1.2	3.5	0.0	1.8	5.3	16.8
	Basin Total	9.3	1.7	11.0	0.8	11.8	2.7	1.5	4.2	0.0	1.8	6.0	17.8
6.	City 4. Kulim	2.4	0.0	2.4	0.1	2.5	0.4	0.4	0.8	-	-	0.8	3.3
	5. Butterworth	6.6	0.0	6.6	0.3	6.9	12.2	12.1	24.3	-	-	24.3	31.2
	109. Kg. Pmtg Kuching	0.9	0.0	0.9	0.0	0.9	1.1	1.1	2.2	-	-	2.2	3.1
	6. Bk. Mertajam	2.2	0.0	2.2	0.1	2.3	4.6	4.6	9.2	-	-	9.2	11.5
	110. Perai	0.9	0.0	0.9	0.0	0.9	9.9	9.8	19.7	-	-	19.7	20.6
	City Total	13.0	0.0	13.0	0.5	13.5	28.2	28.0	56.2	-	-	56.2	69.7
	Rural 11. Kulim	1.0	0.2	1.2	0.1	1.3	0.1	0.1	0.2				
	13. Utara	3.7	0.0	3.7	0.2	3.9	3.1	0.6	3.7				
	14. Tengah	6.6	0.1	6.7	0.3	7.0	3.9	0.8	4.7				
	15. Selatan	3.4	0.0	3.4	0.2	3.6	4.1	0.8	4.9				
	Rural Total	14.7	0.3	15.0	0.8	15.8	11.2	2.3	13.5	0.1	2.0	15.6	31.4
	Basin Total	27.7	0.3	28.0	1.3	29.3	39.4	30.3	69.7	0.1	2.0	71.8	101.1
7.	City 8. Georgetown	21.6	0.0	21.6	0.0	21.6	6.5	6.4	12.9	-	-	12.9	34.5
	105. Air Itam	3.4	0.0	3.4	0.1	3.5	3.9	3.8	7.7	-	-	7.7	11.2
	106. Tg. Tokong	1.2	0.0	1.2	0.0	1.2	1.4	1.4	2.8	-	-	2.8	4.0
	107. Gelugor	1.2	0.0	1.2	0.0	1.2	0.4	0.3	0.7	-	-	0.7	1.9
	108. Tg. Bunga	0.9	0.0	0.9	0.0	0.9	1.1	1.1	2.2	-	-	2.2	3.1
	City Total	28.3	0.0	28.3	0.1	28.4	13.3	13.0	26.3	-	-	26.3	54.7
	Rural 16. Timur Laut	3.9	0.0	3.9	0.2	4.1	2.0	0.4	2.4				
	17. Barat Daya	3.8	0.0	3.8	0.2	4.0	2.9	0.5	3.4				
	Rural Total	7.7	0.0	7.7	0.4	8.1	4.9	0.9	5.8	0.0	0.8	6.6	14.7
	Basin Total	36.0	0.0	36.0	0.5	36.5	18.2	13.9	32.1	0.0	0.8	32.9	69.4

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 74 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND BY PURPOSE BY TYPE OF SUPPLY FOR 1985 (2/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial					Total Total I D & I					
		Public		Un- Treated	Total	Private	Total D	Manufacturing			Palm Oil			Rubber			
		Treated	Treated					Public	Private	Total							
8.	Rural	12. Bandar Bahru	0.9	0.2	1.1	0.1	0.3	0.0	0.1	0.1							
		20. Krian	0.5	0.1	0.6	0.0	0.1	0.1	0.0	0.1							
		Rural Total	1.4	0.3	1.7	0.1	0.4	0.1	0.1	0.2	0.1	0.5	0.8	1.2			
		Basin Total	1.4	0.3	1.7	0.1	1.8	0.1	0.1	0.2	0.1	0.5	0.8	2.6			
9.	City	112. Bagan Serai	0.7	0.0	0.7	0.0	0.7	2.0	1.9	3.9	-	-	3.9	4.6			
		10. Taiping	18.2	0.0	18.2	0.0	18.2	13.9	13.8	27.7	-	-	27.7	45.9			
		City Total	18.9	0.0	18.9	0.0	18.9	15.9	15.7	31.6	-	-	31.6	50.5			
	Rural	20. Krian	4.9	0.6	5.5	0.2	5.7	0.7	0.3	1.0							
		21. Larut dan Matang	3.2	0.4	3.6	0.2	3.8	1.1	0.4	1.5							
		25. Dinding	5.4	0.6	6.0	0.3	6.3	0.8	0.4	1.2							
		Rural Total	13.5	1.6	15.1	0.7	15.8	2.6	1.1	3.7	0.2	1.4	5.3	21.1			
		Basin Total	32.4	1.6	34.0	0.7	34.7	18.5	16.8	35.3	0.2	1.4	36.9	71.6			
10.	City	11. Kuala Kangsar	1.1	0.0	1.1	0.0	1.1	1.8	1.7	3.5	-	-	3.5	4.6			
		12. Sg. Siput Utara	1.9	0.0	1.9	0.1	2.0	0.5	0.5	1.0	-	-	1.0	3.0			
		13. Ipoh	30.7	0.0	30.7	0.0	30.7	15.8	15.7	31.5	-	-	31.5	62.2			
		14. Batu Gajah	0.9	0.0	0.9	0.0	0.9	0.7	0.7	1.4	-	-	1.4	2.3			
		15. Kampar	1.9	0.0	1.9	0.1	2.0	0.9	0.9	1.8	-	-	1.8	3.8			
		111. Baru Mambang	0.8	0.0	0.8	0.0	0.8	0.6	0.6	1.2	-	-	1.2	2.0			
		113. Jelapang	0.4	0.0	0.4	0.0	0.4	0.1	0.1	0.2	-	-	0.2	0.6			
		17. Telok Anson	3.9	0.0	3.9	0.2	4.1	4.8	4.7	9.5	-	-	9.5	13.6			
		18. Tapah	0.7	0.0	0.7	0.0	0.7	1.0	1.0	2.0	-	-	2.0	2.7			
		City Total	42.3	0.0	42.3	0.4	42.7	26.2	25.9	52.1	-	-	52.1	94.8			
	Rural	18. Ulu Perak	2.6	0.3	2.9	0.1	3.0	1.0	0.4	1.4							
		22. Kuala Kangsar	3.8	0.4	4.2	0.2	4.4	2.0	0.9	2.9							
		23. Kinta	8.5	1.0	9.5	0.4	9.9	1.5	0.7	2.2							
		24. Perak Tengah	2.7	0.3	3.0	0.1	3.1	1.4	0.6	2.0							
		26. Hilir Perak	4.0	0.5	4.5	0.2	4.7	0.8	0.3	1.1							
		27. Batang Padang	2.9	0.3	3.2	0.1	3.3	1.3	0.6	1.9							
		Rural Total	24.5	2.8	27.3	1.1	28.4	8.0	3.5	11.5	0.5	2.2	14.2	42.6			
		Basin Total	66.8	2.8	69.6	1.5	71.1	34.2	29.4	63.6	0.5	2.2	66.3	137.4			
11.	Rural	26. Hilir Perak	1.7	0.2	1.9	0.1	2.0	0.4	0.1	0.5							
		27. Batang Padang	1.9	0.2	2.1	0.1	2.2	0.8	0.4	1.2							
		28. Sabak Bernam	4.1	0.0	4.1	0.4	4.5	5.5	1.8	7.3							
		29. Kuala Selangor	0.9	0.0	0.9	0.1	1.0	1.3	0.4	1.7							
		30. Ulu Selangor	0.2	0.0	0.2	0.0	0.2	0.6	0.2	0.8							
		Rural Total	8.8	0.4	9.2	0.7	9.9	8.6	2.9	11.5	0.5	0.1	12.1	22.0			
		Basin Total	8.8	0.4	9.2	0.7	9.9	8.6	2.9	11.5	0.5	0.1	12.1	22.0			
12.	Rural	29. Kuala Selangor	1.0	0.0	1.0	0.1	1.1	1.4	0.4	1.8	0.0	0.0	1.8	2.9			
		Basin Total	1.0	0.0	1.0	0.1	1.1	1.4	0.4	1.8	0.0	0.0	1.8	2.9			
13.	City	21. Kuala Kubu Baru	0.9	0.0	0.9	0.0	0.9	1.1	1.0	2.1	-	-	2.1	3.0			
	Rural	29. Kuala Selangor	1.6	0.0	1.6	0.2	1.8	2.3	0.8	3.1							
		30. Ulu Selangor	2.7	0.0	2.7	0.3	3.0	9.0	3.0	12.0							
		31. Gombak	3.9	0.0	3.9	0.4	4.3	1.5	0.5	2.0							
		Rural Total	8.2	0.0	8.2	0.9	9.1	12.8	4.3	17.1	0.1	0.3	17.5	26.6			
		Basin Total	9.1	0.0	9.1	0.9	10.0	13.9	5.3	19.2	0.1	0.3	19.6	29.6			
14.	City	114. S. Buloh	0.3	0.0	0.3	0.0	0.3	0.6	0.6	1.2	-	-	1.2	1.5			
	Rural	29. Kuala Selangor	1.1	0.0	1.1	0.1	1.2	1.8	0.3	2.1							
		33. Petaling	1.0	0.0	1.0	0.1	1.1	0.6	0.2	0.8							
		Rural Total	2.1	0.0	2.1	0.2	2.3	2.4	0.5	2.9	0.3	0.4	3.6	5.9			
		Basin Total	2.4	0.0	2.4	0.2	2.6	3.0	1.1	4.1	0.3	0.4	4.8	7.4			

Remarks; (1) All the figures are given in terms of source demand,  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 75

PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1985 (3/7)Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic				Industrial							Total I	Total D & I
		Public		Total	Private	Total D	Manufacturing			Palm				
		Treated	Un-Treated				Public	Private	Total	Oil	Rubber			
15.	City	22. Kelang	24.1	0.0	24.1	0.0	24.1	24.3	24.3	48.6	-	-	48.6	72.7
		23. Shah Alam	3.0	0.0	3.0	0.1	3.1	4.0	3.9	7.9	-	-	7.9	11.0
		24. Petaling Jaya	29.9	0.0	29.9	0.0	29.9	87.4	87.3	174.7	-	-	174.7	204.6
		25. Bandaraya kl	127.4	0.0	127.4	0.0	127.4	54.4	54.3	108.7	-	-	108.7	236.1
		116. Ampang	1.0	0.0	1.0	0.0	1.0	0.4	0.4	0.8	-	-	0.8	1.8
		117. Serdang Baru	1.4	0.0	1.4	0.1	1.5	1.7	1.6	3.3	-	-	3.3	4.8
		City Total	186.8	0.0	186.8	0.2	187.0	172.2	171.8	344.0	-	-	344.0	531.0
	Rural	31. Gombak	4.9	0.1	5.0	0.5	5.5	2.0	0.6	2.6	-	-	2.6	
		32. Kelang	3.5	0.0	3.5	0.3	3.8	3.5	1.1	4.6	-	-	4.6	
		33. Petaling	3.5	0.0	3.5	0.3	3.8	2.1	0.7	2.8	-	-	2.8	
		34. Federal Territory	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	
		37. Sepang	0.6	0.0	0.6	0.1	0.7	1.0	0.3	1.3	-	-	1.3	
		Rural Total	12.5	0.1	12.6	1.2	13.8	8.6	2.7	11.3	0.2	2.5	14.0	27.8
	Basin Total		199.3	0.1	199.4	1.4	200.8	180.8	174.5	355.3	0.2	2.5	358.0	558.8
16.	City	26. Kajang Chua	2.6	0.0	2.6	0.1	2.7	3.6	3.5	7.1	-	-	7.1	9.8
		115. Semenyih	0.8	0.0	0.8	0.0	0.8	1.1	1.0	2.1	-	-	2.1	2.9
		City Total	3.4	0.0	3.4	0.1	3.5	4.7	4.5	9.2	-	-	9.2	12.7
	Rural	35. U. Langat	7.2	0.1	7.3	0.7	8.0	4.7	1.5	6.2	-	-	6.2	
		36. Kuala Langat	3.3	0.0	3.3	0.3	3.6	3.5	1.2	4.7	-	-	4.7	
		37. Sepang	0.9	0.0	0.9	0.1	1.0	1.5	0.5	2.0	-	-	2.0	
		39. Seremban	1.3	0.1	1.4	0.1	1.5	0.2	0.1	0.3	-	-	0.3	
		Rural Total	12.7	0.2	12.9	1.2	14.1	9.9	3.3	13.2	0.4	0.8	14.4	28.5
	Basin Total		16.1	0.2	16.3	1.3	17.6	14.6	7.8	22.4	0.4	0.8	23.6	41.2
17.	City	28. Port Dickson	2.4	0.0	2.4	0.1	2.5	23.3	23.2	46.5	-	-	46.5	49.0
	Rural	36. Kuala Langat	0.9	0.0	0.9	0.1	1.0	1.0	0.3	1.3	-	-	1.3	
		37. Sepang	0.5	0.0	0.5	0.0	0.5	1.0	0.3	1.3	-	-	1.3	
		38. Port Dickson	0.9	0.0	0.9	0.1	1.0	0.1	0.0	0.1	-	-	0.1	
		39. Seremban	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	-	-	0.0	
		Rural Total	2.4	0.0	2.4	0.2	2.6	2.1	0.6	2.7	0.2	0.2	3.1	5.7
	Basin Total		4.8	0.0	4.8	0.3	5.1	25.4	23.8	49.2	0.2	0.2	49.6	54.7
18.	City	29. Seremban	15.5	0.0	15.5	0.0	15.5	4.2	4.1	8.3	-	-	8.3	23.8
	Rural	38. Port Dickson	1.4	0.1	1.5	0.1	1.6	0.1	0.1	0.2	-	-	0.2	
		39. Seremban	1.3	0.1	1.4	0.1	1.5	0.2	0.1	0.3	-	-	0.3	
		42. Penbau	1.4	0.1	1.5	0.1	1.6	0.1	0.1	0.2	-	-	0.2	
		44. Utara	2.4	0.1	2.5	0.1	2.6	0.2	0.1	0.3	-	-	0.3	
		Rural Total	6.5	0.4	6.9	0.4	7.3	0.6	0.4	1.0	0.2	1.9	3.1	10.4
	Basin Total		22.0	0.4	22.4	0.4	22.8	4.8	4.5	9.3	0.2	1.9	11.4	34.2
19.	City	119. Tampin	0.8	0.0	0.8	0.0	0.8	0.4	0.3	0.7	-	-	0.7	1.5
		31. Malaka	6.7	0.0	6.7	0.3	7.0	5.1	5.1	10.2	-	-	10.2	7.2
		120. Kelebang	0.7	0.0	0.7	0.0	0.7	0.5	0.5	1.0	-	-	1.0	1.7
		121. Bukit Baru	1.4	0.0	1.4	0.1	1.5	1.0	1.0	2.0	-	-	2.0	3.5
		City Total	9.6	0.0	9.6	0.4	10.0	7.0	6.9	13.9	-	-	13.9	23.9
	Rural	43. Tampin	0.3	0.0	0.3	0.0	0.3	0.1	0.0	0.1	-	-	0.1	
		44. Utara	2.5	0.1	2.6	0.1	2.7	0.2	0.1	0.3	-	-	0.3	
		45. Tengah	6.5	0.2	6.7	0.3	7.0	0.2	0.0	0.2	-	-	0.2	
		46. Seiatan	1.0	0.0	1.0	0.0	1.0	0.1	0.0	0.1	-	-	0.1	
		Rural Total	10.3	0.3	10.6	0.4	11.0	0.6	0.1	0.7	0.0	2.6	3.3	14.3
	Basin Total		19.9	0.3	20.2	0.8	21.0	7.6	7.0	14.6	0.0	2.6	17.2	38.2
20.	City	33. Tangkak	1.1	0.0	1.1	0.0	1.1	0.1	0.1	0.2	-	-	0.2	1.3
	Rural	16. Selatan	2.9	0.1	3.0	0.1	3.1	0.4	0.0	0.4	-	-	0.4	
		48. Muar	0.7	0.0	0.7	0.2	0.9	0.2	0.1	0.3	-	-	0.3	
		Rural Total	3.6	0.1	3.7	0.3	4.0	0.6	0.1	0.7	0.0	0.3	1.0	5.0
	Basin Total		4.7	0.1	4.8	0.3	5.1	0.7	0.2	0.9	0.0	0.3	1.2	6.3

Remarks: (1) All the figures are given in terms of source demand,  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 76

PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1985 (4/7)Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial					Total I	Total D & I	
		Public		Total	Private	D	Manufacturing			Palm Oil	Rubber			
		Treated	Un-Treated				Public	Private	Total					
21.	City	30. Kuala Pilah	0.9	0.0	0.9	0.0	0.9	0.8	0.8	1.6	-	-	1.6	2.5
		32. Segamat	3.5	0.0	3.5	0.1	3.6	1.8	1.8	3.6	-	-	3.6	7.2
		122. Labis	0.9	0.0	0.9	0.0	0.9	1.5	1.5	3.0	-	-	3.0	3.9
		125. Jementah	0.4	0.0	0.4	0.0	0.4	0.8	0.8	1.6	-	-	1.6	2.0
		34. Muar	5.1	0.0	5.1	0.2	5.3	5.0	5.0	10.0	-	-	10.0	15.3
		145. PT9	0.4	0.0	0.4	0.0	0.4	0.4	0.3	0.7	-	-	0.7	1.1
		City Total	11.2	0.0	11.2	0.3	11.5	10.3	10.2	20.5	-	-	20.5	32.0
	Rural	41. Kuala Pilah	3.3	0.2	3.5	0.2	3.7	0.7	0.3	1.0	-	-	1.0	4.7
		43. Tampin	1.7	0.1	1.8	0.1	1.9	0.3	0.1	0.4	-	-	0.4	2.2
		47. Segamat	2.1	0.1	2.2	0.5	2.7	1.2	1.1	2.3	-	-	2.3	5.0
		48. Muar	5.4	0.2	5.6	1.2	6.8	1.3	1.1	2.4	-	-	2.4	9.2
		Rural Total	12.5	0.6	13.1	2.0	15.1	3.5	2.6	6.1	0.3	2.6	9.0	24.1
	Basin Total		23.7	0.6	24.3	2.3	26.6	13.8	12.8	26.6	0.3	2.6	29.5	56.1
22.	City	35. Batu Pahat	5.6	0.0	5.6	0.2	5.8	5.9	5.8	11.7	-	-	11.7	17.5
		123. Yong Peng	0.8	0.0	0.8	0.0	0.8	2.8	2.8	5.6	-	-	5.6	6.4
		City Total	6.4	0.0	6.4	0.2	6.6	8.7	8.6	17.3	-	-	17.3	23.9
	Rural	47. Segamat	0.8	0.0	0.8	0.2	1.0	0.5	0.4	0.9	-	-	0.9	1.7
		49. Batu Pahat	5.8	0.2	6.0	1.3	7.3	1.2	1.0	2.2	-	-	2.2	9.5
		53. Keluang	0.8	0.0	0.8	0.2	1.0	0.3	0.3	0.6	-	-	0.6	1.0
		Rural Total	7.4	0.2	7.6	1.7	9.3	2.0	1.7	3.7	0.3	0.5	4.5	13.8
	Basin Total		13.8	0.2	14.0	1.9	15.9	10.7	10.3	21.0	0.3	0.5	21.8	37.7
23.	City	37. Pontian Kechil	2.3	0.0	2.3	0.1	2.4	4.0	4.0	8.0	-	-	8.0	10.4
		124. Pekan Nanas	0.7	0.0	0.7	0.0	0.7	0.9	0.8	1.7	-	-	1.7	2.4
		38. Kulat	2.3	0.0	2.3	0.1	2.4	7.9	7.8	15.7	-	-	15.7	18.1
		39. Johor Bahru	27.9	0.0	27.9	0.0	27.9	17.3	17.3	34.6	-	-	34.6	62.5
		127. Senai	0.4	0.0	0.4	0.0	0.4	0.8	0.8	1.6	-	-	1.6	2.0
		128. Kelapa Sawit	0.4	0.0	0.4	0.0	0.4	0.0	0.0	0.0	-	-	0.0	0.4
		129. Masai	0.4	0.0	0.4	0.0	0.4	0.8	0.8	1.6	-	-	1.6	2.0
		City Total	34.4	0.0	34.4	0.2	34.6	31.7	31.5	63.2	-	-	63.2	97.8
	Rural	50. Pontian	2.5	0.1	2.6	0.6	3.2	0.6	0.5	1.1	-	-	1.1	4.3
		51. Johor Bahru	2.3	0.1	2.4	0.5	2.9	0.8	0.6	1.4	-	-	1.4	4.3
		53. Keluang	0.8	0.0	0.8	0.2	1.0	0.3	0.3	0.6	-	-	0.6	1.0
		Rural Total	5.6	0.2	5.8	1.3	7.1	1.7	1.4	3.1	0.4	1.6	5.1	12.2
	Basin Total		40.0	0.2	40.2	1.5	41.7	33.4	32.9	66.3	0.4	1.6	68.3	110.0
24.	City	126. Ulu Tiram	0.7	0.0	0.7	0.0	0.7	4.4	4.3	8.7	-	-	8.7	9.4
		40. Kota Tinggi	1.3	0.0	1.3	0.0	1.3	2.0	1.9	3.9	-	-	3.9	5.2
		City Total	2.0	0.0	2.0	0.0	2.0	6.4	6.2	12.6	-	-	12.6	14.6
	Rural	51. Johor Bahru	1.1	0.0	1.1	0.3	1.4	0.3	0.3	0.6	-	-	0.6	2.0
		52. Kota Tinggi	0.9	0.1	1.0	0.4	1.4	1.2	1.1	2.3	-	-	2.3	3.3
		53. Keluang	0.4	0.0	0.4	0.1	0.5	0.2	0.1	0.3	-	-	0.3	0.7
		Rural Total	2.4	0.1	2.5	0.8	3.3	1.7	1.5	3.2	1.2	0.6	5.0	8.3
	Basin Total		4.4	0.1	4.5	0.8	5.3	8.1	7.7	15.8	1.2	0.6	17.6	22.9
25.	Rural	52. Kota Tinggi	1.3	0.1	1.4	0.3	1.7	0.9	0.7	1.6	-	-	1.6	2.3
		54. Mersing	0.1	0.0	0.1	0.0	0.1	0.3	0.2	0.5	-	-	0.5	0.8
		Rural Total	1.4	0.1	1.5	0.3	1.8	1.2	0.9	2.1	0.0	0.0	2.1	3.9
	Basin Total		1.4	0.1	1.5	0.3	1.8	1.2	0.9	2.1	0.0	0.0	2.1	3.9
26.	City	42. Mersing	1.3	0.0	1.3	0.1	1.4	1.5	1.4	2.9	-	-	2.9	4.3
	Rural	54. Mersing	0.2	0.0	0.2	0.1	0.3	0.5	0.4	0.9	0.0	0.0	0.9	1.2
	Basin Total		1.5	0.0	1.5	0.2	1.7	2.0	1.8	3.8	0.0	0.0	3.8	5.5

Remarks; (1) All the figures are given in terms of source demand,  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin,

Table 77. PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND BY PURPOSE BY TYPE OF SUPPLY FOR 1985 (5/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic				Industrial								
		Public		Total	Private	Manufacturing			Palm		Total	Total		
		Treated	Untreated			Public	Private	Total	Oil	Rubber				
27.	City	41. Keluang	4.3	0.0	4.3	0.2	4.5	7.1	7.1	14.2	-	-	14.2	18.7
		151. PT15	1.4	0.0	1.4	0.1	1.5	0.9	0.8	1.7	-	-	1.7	3.2
		City Total	5.7	0.0	5.7	0.3	6.0	8.0	7.9	15.9	-	-	15.9	21.9
	Rural	53. Keluang	2.3	0.1	2.4	0.5	2.9	0.9	0.8	1.7	-	-	-	-
		54. Mersing	0.4	0.0	0.4	0.1	0.5	1.0	1.8	1.8	-	-	-	-
		55. Rompin/Pekan/Temerloh	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	-	-	-	-
		Rural Total	2.8	0.1	2.9	0.6	3.5	1.9	2.6	3.5	0.6	0.7	4.8	8.3
		Basin Total	8.5	0.1	8.6	0.9	9.5	9.9	10.5	19.4	0.6	0.7	20.7	30.2
28.	City	C139 PT3	0.2	0.0	0.2	0.0	0.2	0.2	0.2	0.4	-	-	0.4	0.6
		C141 PT5	0.3	0.0	0.3	0.0	0.3	0.3	0.3	0.6	-	-	0.6	0.9
		C142 PT6	1.7	0.0	1.7	0.1	1.8	1.1	1.0	2.1	-	-	2.1	3.9
		C143 PT7	0.3	0.0	0.3	0.0	0.3	0.3	0.3	0.6	-	-	0.6	0.9
		C146 PT10	0.4	0.0	0.4	0.0	0.4	0.4	0.4	0.8	-	-	0.8	1.2
		C147 PT11	0.8	0.0	0.8	0.0	0.8	0.5	0.5	1.0	-	-	1.0	1.8
		C148 PT12	1.6	0.0	1.6	0.1	1.7	1.0	1.0	2.0	-	-	2.0	3.7
		C149 PT13	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.2	-	-	0.2	0.3
		C150 PT14	1.4	0.0	1.4	0.1	1.5	0.9	0.8	1.7	-	-	1.7	3.2
		City Total	6.8	0.0	6.8	0.3	7.1	4.8	4.6	9.4	-	-	9.4	16.5
	Rural	55. Rompin/Pekan/Temerloh	0.9	0.1	1.0	0.1	1.1	0.1	0.0	0.1	0.4	0.0	0.5	1.6
		Basin Total	7.7	0.1	7.8	0.4	8.2	4.9	4.6	9.5	0.4	0.0	9.9	18.1
29.	City	C140 PT4	0.4	0.0	0.4	0.0	0.4	0.4	0.3	0.7	0.0	0.0	0.7	1.1
	Rural	55. Rompin/Pekan/Temerloh	0.3	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
		Basin Total	0.7	0.0	0.7	0.0	0.7	0.4	0.3	0.7	0.0	0.0	0.7	1.4
30.	City	C118 Bahau	0.9	0.0	0.9	0.0	0.9	0.4	0.3	0.7	-	-	0.7	1.6
		C137 PT1	2.0	0.0	2.0	0.1	2.1	1.3	1.2	2.5	-	-	2.5	4.6
		C138 PT2	0.4	0.0	0.4	0.0	0.4	0.4	0.3	0.7	-	-	0.7	1.1
		C144 PT8	0.3	0.0	0.3	0.0	0.3	0.3	0.3	0.6	-	-	0.6	0.9
		C152 PT16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	0.0
		C153 PT17	0.9	0.0	0.9	0.0	0.9	0.6	0.5	1.1	-	-	1.1	2.0
		C154 PT18	0.7	0.0	0.7	0.0	0.7	0.5	0.4	0.9	-	-	0.9	1.6
		C155 PT19	0.3	0.0	0.3	0.0	0.3	0.3	0.2	0.5	-	-	0.5	0.8
		C156 PT20	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	-	-	0.1	0.1
		130. Mentekab	0.8	0.0	0.8	0.0	0.8	1.8	1.8	3.6	-	-	3.6	4.4
		45. Temerloh	1.1	0.0	1.1	0.0	1.1	2.4	2.4	4.8	-	-	4.8	5.9
		131. Teriang	0.7	0.0	0.7	0.0	0.7	0.5	0.4	0.9	-	-	0.9	1.6
		46. Bentong	1.8	0.0	1.8	0.1	1.9	0.4	0.4	0.8	-	-	0.8	2.7
		48. Jerantut	0.4	0.0	0.4	0.0	0.4	2.6	2.5	5.1	-	-	5.1	5.5
		49. Raub	1.9	0.0	1.9	0.1	2.0	1.2	1.1	2.3	-	-	2.3	4.3
		50. Kuala Lipis	0.8	0.0	0.8	0.0	0.8	0.5	0.5	1.0	-	-	1.0	1.8
		City Total	13.0	0.0	13.0	0.3	13.3	13.3	12.3	25.6	-	-	25.6	38.9
	Rural	40. Jelebu	1.5	0.1	1.6	0.1	1.7	0.5	0.2	0.7	-	-	0.7	1.4
		41. Kuala Pilah	1.4	0.1	1.5	0.1	1.6	0.3	0.1	0.4	-	-	0.4	0.8
		55. Rompin/Pekan/Temerloh	1.6	0.2	1.8	0.1	1.9	0.6	0.3	0.9	-	-	0.9	1.8
		58. Bentong	2.8	0.4	3.2	0.2	3.4	0.1	0.0	0.1	-	-	0.1	0.2
		59. Kuantan	0.3	0.0	0.3	0.0	0.3	0.1	0.0	0.1	-	-	0.1	0.2
		60. Jerantut	4.3	0.6	4.9	0.2	5.1	0.4	0.1	0.5	-	-	0.5	1.0
		61. Raub	1.3	0.2	1.5	0.1	1.6	0.1	0.1	0.2	-	-	0.2	0.4
		62. Lipis	1.4	0.2	1.6	0.1	1.7	0.3	0.1	0.4	-	-	0.4	0.8
		63. Cameron G. Highland	0.9	0.1	1.0	0.1	1.1	0.0	0.0	0.0	-	-	0.0	0.0
		Rural Total	15.5	1.9	17.4	1.0	18.4	2.4	0.9	3.3	3.2	1.4	7.9	26.3
		Basin Total	28.5	1.9	30.4	1.3	31.7	15.7	13.2	28.9	3.2	1.4	33.5	65.2

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.



Table 78

PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1985 (6/7)Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic				Industrial						Total D & I	
		Public		Total	Private	Manufacturing			Palm Oil	Rubber	Total I		
		Treated	Un-Treated			Public	Private	Total					
31.	City 47. Kuantan	19.9	0.0	19.9	0.0	19.9	5.4	5.4	10.8	-	-	10.8	30.7
	Rural 59. Kuantan	0.6	0.1	0.7	0.0	0.7	0.1	0.0	0.1	0.3	0.6	1.0	1.7
	Basin Total	20.5	0.1	20.6	0.0	20.6	5.5	5.4	10.9	0.3	0.6	11.8	32.4
32.	City 51. Chukai	1.4	0.0	1.4	0.1	1.5	1.0	0.9	1.9	-	-	1.9	3.4
	Rural 64. Kemaman	1.2	0.6	1.8	0.0	1.8	0.2	0.3	0.5	0.5	0.0	1.0	2.8
	Basin Total	2.6	0.6	3.2	0.1	3.3	1.2	1.2	2.4	0.5	0.0	2.9	6.2
33.	Rural 65. Dungun	0.2	0.1	0.3	0.0	0.3	0.1	0.1	0.2	0.0	0.0	0.2	0.5
	Basin Total	0.2	0.1	0.3	0.0	0.3	0.1	0.1	0.2	0.0	0.0	0.2	0.5
34.	City 52. Dungun	2.9	0.0	2.9	0.1	3.0	0.6	0.6	1.2	-	-	1.2	4.2
	Rural 65. Dungun	0.4	0.2	0.6	0.0	0.6	0.1	0.2	0.3	0.2	0.0	0.5	1.1
	Basin Total	3.3	0.2	3.5	0.1	3.6	0.7	0.8	1.5	0.2	0.0	1.7	5.3
35.	Rural 66. Marang	0.6	0.3	0.9	0.0	0.9	0.0	0.1	0.1				
	67. Ulu Trengganu	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
	Rural Total	0.6	0.3	0.9	0.0	0.9	0.0	0.1	0.1	0.1	0.0	0.2	1.1
	Basin Total	0.6	0.3	0.9	0.0	0.9	0.0	0.1	0.1	0.1	0.0	0.2	1.1
36.	City 132. Ulu Trengganu	0.3	0.0	0.3	0.0	0.3	0.1	0.1	0.2	-	-	0.2	0.5
	53. Kuala Trengganu	25.0	0.0	25.0	0.0	25.0	3.1	3.1	6.2	-	-	6.2	31.2
	City Total	25.3	0.0	25.3	0.0	25.3	3.2	3.2	6.4	-	-	6.4	31.7
	Rural 67. Ulu Trengganu	0.9	0.5	1.4	0.0	1.4	0.3	0.4	0.7				
	68. Kuala Trengganu	0.9	0.5	1.4	0.0	1.4	0.1	0.2	0.3				
	Rural Total	1.8	1.0	2.8	0.0	2.8	0.4	0.6	1.0	0.2	0.2	1.4	4.2
	Basin Total	27.1	1.0	28.1	0.0	28.1	3.6	3.8	7.4	0.2	0.2	7.8	35.9
37.	Rural 69. Besut	0.9	0.5	1.4	0.0	1.4	0.0	0.1	0.1				
	Basin Total	0.9	0.5	1.4	0.0	1.4	0.0	0.1	0.1	0.0	0.0	0.1	1.5
38.	Rural 69. Besut	1.5	0.8	2.3	0.1	2.4	0.1	0.1	0.2	0.0	0.0	0.2	2.6
	Basin Total	1.5	0.8	2.3	0.1	2.4	0.1	0.1	0.2	0.0	0.0	0.2	2.6
39.	City 56. Perinagat	0.8	0.0	0.8	0.1	0.9	0.4	0.3	0.7	-	-	0.7	1.6
	57. Pangkal Kalong	1.4	0.0	1.4	0.2	1.6	0.6	0.6	1.2	-	-	1.2	2.8
	134. Kadok	0.6	0.0	0.6	0.1	0.7	0.3	0.2	0.5	-	-	0.5	1.2
	City Total	2.8	0.0	2.8	0.4	3.2	1.3	1.1	2.4	-	-	2.4	5.6
	Rural 71. Pasir Putih	1.5	0.1	1.6		1.8	0.0	0.0	0.0				
	74. Bacjok	1.4	0.9	2.3			0.0	0.0	0.0				
	75. Kota Bahru	0.6	0.4	1.0	0.1	1.1	0.0	0.0	0.0				
	Rural Total	3.5	1.4	4.9		5.4	0.0	0.0	0.0	0.0	0.1	0.1	5.5
	Basin Total	6.3	1.4	7.7	0.9	8.6	1.3	1.1	2.4	0.0	0.1	2.5	11.1

Remarks: (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 79

PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1985 (7/7)Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial					Total I	Total D & I	
		Public		Total	Private	D	Manufacturing			Palm Oil	Rubber			
		Treated	Un-Treated				Public	Private	Total					
40.	City	135. Gua Musang	0.2	0.0	0.2	0.1	0.3	0.2	0.1	0.3	-	-	0.3	0.6
		54. Tanah Merah	0.5	0.0	0.5	0.1	0.6	0.8	0.7	1.5	-	-	1.5	2.1
		55. Kota Bharu	19.3	0.0	19.3	0.7	20.0	4.0	3.9	7.9	-	-	7.9	27.9
		58. Pasir Mas	0.7	0.0	0.7	0.1	0.8	0.3	0.2	0.5	-	-	0.5	1.3
		133. Kuala Krai	0.9	0.0	0.9	0.2	1.1	0.9	0.8	1.7	-	-	1.7	2.8
		City Total	21.6	0.0	21.6	1.2	22.8	6.2	5.7	11.9	-	-	11.9	34.7
	Rural	70. Ulu Kelantan	1.2	0.8	2.0	0.2	2.2	0.1	0.2	0.3	-	-	-	-
		72. Machang	1.0	0.7	1.7	0.1	1.8	0.0	0.0	0.0	-	-	-	-
		73. Tanah Merah	0.8	0.5	1.3	0.1	1.4	0.0	0.0	0.0	-	-	-	-
		75. Kota Bharu	0.3	0.2	0.5	0.0	0.5	0.0	0.0	0.0	-	-	-	-
		76. Pasir Mas	0.6	0.4	1.0	0.1	1.1	0.0	0.0	0.0	-	-	-	-
		77. Tumpat	1.6	1.1	2.7	0.2	2.9	0.0	0.0	0.0	-	-	-	-
			Rural Total	5.5	3.7	9.2	0.7	9.9	0.0	0.3	0.3	0.1	0.3	0.7
	Basin Total	27.1	3.7	30.8	1.9	32.7	6.2	6.0	12.2	0.1	0.3	12.6	45.3	
41.	City	136. Pantan Panjang	0.2	0.0	0.2	0.1	0.3	0.2	0.1	0.3	-	-	0.3	0.6
	Rural	73. Tanah Merah	0.6	0.4	1.0	0.1	1.1	0.0	0.0	0.0	-	-	-	-
		76. Pasir Mas	1.2	0.8	2.0	0.2	2.2	0.0	0.0	0.0	-	-	-	-
	Rural Total	1.8	1.2	3.0	0.3	3.3	0.0	0.0	0.0	0.1	0.0	0.1	3.4	
	Basin Total	2.0	1.2	3.2	0.4	3.6	0.2	0.1	0.3	0.1	0.0	0.4	4.0	
Total for Peninsular Malaysia		720.7	27.4	748.1	26.9	775.0	504.8	443.2	948.0	10.7	28.0	986.7	1761.7	

- Remarks: (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 80 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND BY PURPOSE BY TYPE OF SUPPLY FOR 1990 (1/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial						
		Public		Total	Private	Total D	Manufacturing			Palm Oil	Rubber	Total I	Total D & I
		Treated	Un-Treated				Public	Private	Total				
1.	City 1. Kangar	1.6	0.0	1.6	0.0	1.6	2.7	2.7	5.4	-	-	5.4	7.0
	Rural 1. Perlis	7.4	0.7	8.1	0.2	8.3	0.2	0.1	0.3	0.0	0.0	0.3	8.6
	Basin Total	9.0	0.7	9.7	0.2	9.9	2.9	2.8	5.7	0.0	0.0	5.7	15.6
2.	Rural 2. Pulau Langkawi	1.3	0.3	1.6	0.0	1.6	0.1	0.1	0.2	0.0	0.0	0.2	1.8
	Basin Total	1.3	0.3	1.6	0.0	1.6	0.1	0.1	0.2	0.0	0.0	0.2	1.8
3.	City 101. Jitra	2.2	0.0	2.2	0.0	2.2	0.3	0.3	0.6	-	-	0.6	2.8
	2. Alor Setar	7.0	0.0	7.0	0.2	7.2	8.6	8.5	17.1	-	-	17.1	24.3
	102. Guar Chempedak	0.9	0.0	0.9	0.0	0.9	0.9	0.8	1.7	-	-	1.7	2.6
	103. Yan	0.5	0.0	0.5	0.0	0.5	0.8	0.7	1.5	-	-	1.5	2.0
	City Total	10.6	0.0	10.6	0.2	10.8	10.6	10.3	20.9	-	-	20.9	31.7
	Rural 3. Kulang Pasu	4.7	1.1	5.8	0.1	5.9	0.2	0.2	0.4	-	-	0.4	6.3
	4. Padang Terap	2.1	0.5	2.6	0.0	2.6	0.3	0.2	0.5	-	-	0.5	3.1
	5. Kota Setar	10.0	2.4	12.5	0.2	12.7	0.2	0.1	0.3	-	-	0.3	13.0
	6. Pendang	3.2	0.8	4.0	0.1	4.1	0.1	0.1	0.2	-	-	0.2	4.3
	7. Yan	1.8	0.4	2.2	0.0	2.2	0.1	0.0	0.1	-	-	0.1	2.3
	Rural Total	21.9	5.2	27.1	0.4	27.5	0.9	0.6	1.5	0.0	0.2	1.7	29.2
Basin Total	32.5	5.2	37.7	0.6	38.3	11.5	10.9	22.4	0.0	0.2	22.6	60.9	
4.	City 3. Sg. Petani	5.1	0.1	5.1	0.1	5.2	5.4	5.3	10.7	-	-	10.7	15.9
	Rural 9. Kuala Muda	3.5	0.8	4.3	0.1	4.4	0.1	0.1	0.2	0.0	1.5	1.7	6.1
	Basin Total	8.6	0.8	9.4	0.2	9.6	5.5	5.4	10.9	0.0	1.5	12.4	22.0
5.	City 104. Tikan Batu	0.5	0.0	0.5	0.0	0.5	0.7	0.7	1.4	-	-	1.4	1.9
	Rural 8. Sik	1.9	0.4	2.3	0.9	2.3	0.4	0.2	0.6	-	-	0.6	2.9
	9. Kuala Muda	3.1	0.7	3.8	0.1	3.9	0.1	0.1	0.2	-	-	0.2	4.1
	10. Baling	4.3	1.0	5.3	0.1	5.4	0.4	0.2	0.6	-	-	0.6	6.0
	11. Kulim	1.3	0.3	1.6	0.0	1.6	0.1	0.0	0.1	-	-	0.1	1.7
	13. Utara	2.1	0.0	2.1	0.0	2.1	1.3	0.2	1.5	-	-	1.5	3.0
	Rural Total	12.7	2.4	15.1	0.2	15.3	2.3	0.7	3.0	0.0	2.0	5.0	20.3
Basin Total	13.2	2.4	15.6	0.2	15.8	3.0	1.4	4.4	0.0	2.0	6.4	22.2	
6.	City 4. Kulim	3.3	0.0	3.3	0.1	3.4	0.7	0.6	1.3	-	-	1.3	4.7
	5. Butterworth	9.9	0.0	9.9	0.0	9.9	19.7	19.7	39.4	-	-	39.4	49.3
	109. Kg. Pmtg Kuching	1.3	0.0	1.3	0.0	1.3	2.0	2.0	4.0	-	-	4.0	5.3
	6. Bk. Mertajam	2.7	0.0	2.7	0.1	2.8	7.5	7.4	14.9	-	-	14.9	17.7
	110. Perai	1.1	0.0	1.1	0.0	1.1	16.0	15.9	31.9	-	-	31.9	33.0
	City Total	18.3	0.0	18.3	0.2	18.5	45.9	45.6	91.5	-	-	91.5	110.0
	Rural 11. Kulim	1.4	0.3	1.7	0.0	1.7	0.1	0.0	0.1	-	-	0.1	1.8
	13. Utara	5.0	0.1	5.1	0.1	5.2	3.2	0.4	3.6	-	-	3.6	8.8
	14. Tengah	9.4	0.1	9.5	0.2	9.7	4.0	0.5	4.5	-	-	4.5	14.2
	15. Selatan	4.6	0.1	4.7	0.1	4.8	4.2	0.5	4.7	-	-	4.7	9.4
Rural Total	20.4	0.6	21.0	0.4	21.4	11.5	1.4	12.9	0.1	2.1	15.1	36.5	
Basin Total	38.7	0.6	39.3	0.6	39.9	57.4	47.0	104.4	0.1	2.1	106.6	146.5	
7.	City 8. Georgetown	23.7	0.0	23.7	0.0	23.7	10.5	10.5	21.0	-	-	21.0	44.7
	105. Air Itam	4.4	0.0	4.4	0.1	4.5	7.0	6.9	13.9	-	-	13.9	18.4
	106. Tg. Takong	1.5	0.0	1.5	0.0	1.5	2.3	2.2	4.5	-	-	4.5	6.0
	107. Celugor	1.6	0.0	1.6	0.0	1.6	0.6	0.6	1.2	-	-	1.2	2.8
	108. Tg. Bunga	1.1	0.0	1.1	0.0	1.1	1.8	1.8	3.6	-	-	3.6	4.7
	City Total	32.3	0.0	32.3	0.1	32.4	22.2	22.0	44.2	-	-	44.2	76.6
	Rural 16. Timur Laut	5.7	0.1	5.8	0.1	5.9	2.1	0.2	2.3	-	-	2.3	8.2
	17. Barat Daya	5.3	0.1	5.4	0.1	5.5	3.0	0.3	3.3	-	-	3.3	8.8
Rural Total	11.0	0.2	11.2	0.2	11.4	5.1	0.5	5.6	0.0	0.9	6.5	17.9	
Basin Total	43.3	0.2	43.5	0.3	43.8	27.3	22.5	49.8	0.0	0.9	50.7	94.5	

Remarks: (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 81 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND BY PURPOSE BY TYPE OF SUPPLY FOR 1990 (2/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic				Industrial						Total I	Total D & I		
		Public		Total	Private	Manufacturing			Palm						
		Treated	Un-Treated			Public	Private	Total	Oil	Rubber					
8.	Rural	12. Bandar Bahru	1.2	0.3	1.5	0.0	1.5	0.1	0.0	0.1					
		20. Krian	0.7	0.1	0.8	0.0	0.8	0.2	0.1	0.3					
		Rural Total	1.9	0.4	2.3	0.0	2.3	0.3	0.1	0.4	0.1	0.6	1.1	3.4	
		Basin Total	1.9	0.4	2.3	0.0	2.3	0.3	0.1	0.4	0.1	0.6	1.1	3.4	
9.	City	112. Bagan Serai	0.9	0.0	0.9	0.0	0.9	3.1	3.0	6.1	-	-	6.1	7.0	
		10. Taiping	23.7	0.0	23.7	0.0	23.7	20.9	20.8	41.7	-	-	41.7	65.4	
		City Total	24.6	0.0	24.6	0.0	24.6	24.0	23.8	47.8	-	-	47.8	72.4	
	Rural	20. Krian	6.6	0.8	7.4	0.1	7.5	2.4	0.8	3.2					
		21. Larut dan Matang	4.4	0.5	4.9	0.0	4.9	3.9	1.2	5.1					
		25. Dinding	7.4	0.8	8.2	0.1	8.3	3.2	1.0	4.2					
		Rural Total	18.4	2.1	20.5	0.2	20.7	9.5	3.0	12.5	0.3	1.6	14.4	35.1	
		Basin Total	43.0	2.1	45.1	0.2	45.3	33.5	26.8	60.3	0.3	1.6	62.2	107.5	
10.	City	11. Kuala Kangsar	1.3	0.0	1.3	0.0	1.3	2.7	2.6	5.3	-	-	5.3	6.6	
		12. Sg. Siput Utara	2.3	0.0	2.3	0.1	2.4	0.8	0.7	1.5	-	-	1.5	3.9	
		13. Ipoh	36.2	0.0	36.2	0.0	36.2	23.7	23.7	47.4	-	-	47.4	83.6	
		14. Batu Gajah	1.0	0.0	1.0	0.0	1.0	1.2	1.2	2.4	-	-	2.4	3.4	
		15. Kampar	2.2	0.0	2.2	0.0	2.2	1.4	1.4	2.8	-	-	2.8	5.0	
		111. Baru Mambang	0.9	0.0	0.9	0.0	0.9	0.9	0.9	1.8	-	-	1.8	2.7	
		113. Jelapang	0.8	0.0	0.8	0.0	0.8	3.7	3.7	7.4	-	-	7.4	8.2	
		17. Telok Anson	4.8	0.0	4.8	0.1	4.9	7.2	7.1	14.3	-	-	14.3	19.2	
		18. Tapah	0.9	0.0	0.9	0.0	0.9	1.6	1.5	3.1	-	-	3.1	4.0	
		City Total	50.4	0.0	50.4	0.2	50.6	43.2	42.8	86.0	-	-	86.0	136.6	
	Rural	18. Ulu Perak	3.6	0.4	4.0	0.0	4.0	3.7	1.1	4.8					
		22. Kuala Kangsar	5.1	0.6	5.7	0.0	5.7	7.4	2.3	9.7					
		23. Kinta	11.0	1.2	12.2	0.1	12.3	5.6	1.8	7.4					
		24. Perak Tengah	3.6	0.4	4.0	0.0	4.0	5.2	1.6	6.8					
		26. Hilir Perak	5.5	0.6	6.1	0.1	6.2	2.7	0.9	3.6					
		27. Batang Padang	4.0	0.4	4.4	0.0	4.4	4.7	1.5	6.2					
		Rural Total	32.8	3.6	36.4	0.2	36.6	29.3	9.2	38.5	0.6	2.3	41.4	78.0	
		Basin Total	83.2	3.6	86.8	0.4	87.2	72.5	52.0	124.5	0.6	2.3	127.4	214.6	
11.	Rural	26. Hilir Perak	2.4	0.3	2.7	0.0	2.7	1.1	0.4	1.5					
		27. Batang Padang	2.6	0.3	2.9	0.0	2.9	3.1	1.0	4.1					
		28. Sabak Bernam	5.8	0.0	5.8	0.2	6.0	4.5	0.8	5.3					
		29. Kuala Selangor	1.2	0.0	1.2	0.0	1.2	1.0	0.2	1.2					
		30. Ulu Selangor	0.2	0.0	0.2	0.0	0.2	0.5	0.1	0.6					
		Rural Total	12.2	0.6	12.8	0.2	13.0	10.2	2.5	12.7	0.6	0.1	13.4	26.4	
		Basin Total	12.2	0.6	12.8	0.2	13.0	10.2	2.5	12.7	0.6	0.1	13.4	26.4	
12.	Rural	29. Kuala Selangor	1.3	0.0	1.3	0.1	1.4	1.1	0.2	1.3			1.3	2.7	
		Basin Total	1.3	0.0	1.3	0.1	1.4	1.1	0.2	1.3	0.0	0.0	1.3	2.7	
13.	City	21. Kuala Kubu Baru	1.1	0.0	1.1	0.0	1.1	1.2	1.1	2.3	-	-	2.3	3.4	
	Rural	29. Kuala Selangor	2.3	0.0	2.3	0.1	2.4	1.9	0.4	2.3					
		30. Ulu Selangor	3.9	0.0	3.9	0.2	4.1	7.3	1.4	8.7					
		31. Gombak	6.1	0.1	6.2	0.2	6.4	1.2	0.2	1.4					
		Rural Total	12.3	0.1	12.4	0.5	12.9	10.4	2.0	12.4	0.1	0.3	12.8	25.7	
		Basin Total	13.4	0.1	13.5	0.5	14.0	11.6	3.1	14.7	0.1	0.3	15.1	29.1	
14.	City	114. S. Buloh	0.5	0.0	0.5	0.0	0.5	0.7	0.7	1.4	-	-	1.4	1.9	
	Rural	29. Kuala Selangor	1.5	0.0	1.5	0.1	1.6	1.3	0.2	1.5					
		33. Petaling	1.4	0.0	1.4	0.1	1.5	0.5	0.1	0.6					
		Rural Total	2.9	0.0	2.9	0.2	3.1	1.8	0.3	2.1	0.3	0.4	2.8	5.9	
		Basin Total	3.4	0.0	3.4	0.2	3.6	2.5	1.0	3.5	0.3	0.4	4.2	7.8	

Remarks: (1) All the figures are given in terms of source demand,  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 82 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND BY PURPOSE BY TYPE OF SUPPLY FOR 1990 (3/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial					Total Total I D & I		
		Public		Total	Private	D	Manufacturing			Palm Oil	Rubber			
		Treated	Un-Treated				Public	Private	Total					
15.	City	22. Kelang	34.5	0.0	34.5	0.0	34.5	28.2	28.2	56.4	-	-	56.4	90.9
		23. Shah Alam	5.4	0.0	5.4	0.1	5.5	5.8	5.7	11.5	-	-	11.5	17.0
		24. Petaling Jaya	46.5	0.0	46.5	0.0	46.5	102.0	101.9	203.9	-	-	203.9	250.4
	City	25. Bandaraya kl	163.6	0.0	163.6	0.0	163.6	63.5	63.4	126.9	-	-	126.9	290.5
		116. Ampang	1.2	0.0	1.2	0.0	1.2	0.5	0.4	0.9	-	-	0.9	2.1
		117. Serdang Baru	1.7	0.0	1.7	0.0	1.7	1.9	1.8	3.7	-	-	3.7	5.4
	City Total		252.9	0.0	252.9	0.1	253.0	201.9	201.4	403.3	-	-	403.3	656.3
	Rural	31. Gombak	7.7	0.1	7.8	0.3	8.7	1.5	0.3	1.8	-	-	-	-
		32. Kelang	4.9	0.0	4.9	0.2	5.1	2.8	0.5	3.3	-	-	-	-
		33. Petaling	4.9	0.0	4.9	0.2	5.1	1.7	0.3	2.0	-	-	-	-
		34. Federal Territory UI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
		37. Sepang	0.8	0.0	0.8	0.0	0.8	0.8	0.2	1.0	-	-	-	-
	Rural Total		18.3	0.1	18.4	0.7	19.1	6.8	1.3	8.1	0.2	2.6	10.9	30.0
	Basin Total		271.2	0.1	271.3	0.8	272.1	208.7	202.7	411.4	0.2	2.6	414.2	686.3
	16.	City	26. Kajang Chua	3.5	0.0	3.5	0.1	3.6	3.7	3.6	7.3	-	-	7.3
115. Semenyih			1.0	0.0	1.0	0.0	1.0	0.9	0.9	1.8	-	-	1.8	2.8
City Total			4.5	0.0	4.5	0.1	4.6	4.6	4.5	9.1	-	-	9.1	13.7
Rural		35. U. Langat	11.1	0.1	11.2	0.4	11.6	3.7	0.7	4.4	-	-	4.4	16.0
		36. Kuala Langat	4.8	0.0	4.8	0.2	5.0	2.9	0.5	3.4	-	-	3.4	8.4
		37. Sepang	1.2	0.0	1.2	0.1	1.3	1.3	0.2	1.5	-	-	1.5	2.8
		39. Seremban	1.7	0.1	1.8	0.0	1.8	0.2	0.0	0.2	-	-	0.2	2.0
		Rural Total	18.8	0.2	19.0	0.7	19.7	8.1	1.4	9.5	0.4	0.8	10.7	30.4
Basin Total		23.3	0.2	23.5	0.8	24.3	12.7	5.9	18.6	0.4	0.8	19.8	44.1	
17.		City	28. Port Dickson	3.5	0.0	3.5	0.1	3.6	30.8	30.7	61.5	-	-	61.5
	Rural		36. Kuala Langat	1.4	0.0	1.4	0.1	1.5	0.8	0.2	1.0	-	-	-
	Rural	37. Sepang	0.8	0.0	0.8	0.0	0.8	0.8	0.1	0.9	-	-	-	-
		38. Port Dickson	1.2	0.1	1.3	0.0	1.3	0.1	0.0	0.1	-	-	-	-
		39. Seremban	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	-	-	-	-
		Rural Total	3.5	0.1	3.6	0.1	3.7	1.7	0.3	2.0	0.2	0.2	2.4	6.1
Basin Total		7.0	0.1	7.1	0.2	7.3	32.5	31.0	63.5	0.2	0.2	63.9	71.2	
18.	City	29. Seremban	20.2	0.0	20.2	0.0	20.2	5.5	5.4	10.9	-	-	10.9	31.1
		Rural	38. Port Dickson	1.9	0.1	2.0	0.1	2.1	0.1	0.0	0.1	-	-	-
	Rural	39. Seremban	1.7	0.1	1.8	0.0	1.8	0.1	0.0	0.1	-	-	-	-
		42. Pembau	1.8	0.1	1.9	0.1	2.0	0.1	0.0	0.1	-	-	-	-
		44. Utara	3.2	0.1	3.3	0.0	3.3	0.2	0.1	0.3	-	-	-	-
		Rural Total	8.6	0.4	9.0	0.2	9.2	0.5	0.1	0.6	0.3	2.0	2.9	12.1
	Basin Total		28.8	0.4	29.2	0.2	29.4	6.0	5.5	11.5	0.3	2.0	13.8	43.2
19.	City	119. Tampin	1.0	0.0	1.0	0.0	1.0	0.5	0.5	1.0	-	-	1.0	2.0
		31. Melaka	8.0	0.0	8.0	0.2	8.2	9.1	9.1	18.2	-	-	18.2	26.4
		120. Kelebang	0.9	0.0	0.9	0.0	0.9	1.0	1.0	2.0	-	-	2.0	2.9
		121. Bukit Baru	1.8	0.0	1.8	0.0	1.8	2.1	2.0	4.1	-	-	4.1	5.9
		City Total	11.7	0.0	11.7	0.2	11.9	12.7	12.6	25.3	-	-	25.3	37.2
	Rural	43. Tampin	0.4	0.0	0.4	0.0	0.4	0.1	0.0	0.1	-	-	-	-
		44. Utara	3.3	0.1	3.4	0.0	3.4	0.3	0.0	0.3	-	-	-	-
		45. Tengah	9.2	0.3	9.5	0.1	9.6	0.2	0.0	0.2	-	-	-	-
		46. Selatan	1.3	0.0	1.3	0.0	1.3	0.1	0.0	0.1	-	-	-	-
		Rural Total	13.1	0.4	14.6	0.1	14.7	0.7	0.0	0.7	0.0	2.7	3.4	18.1
Basin Total		25.9	0.4	26.3	0.3	26.6	13.4	12.6	26.0	0.0	2.7	28.7	55.3	
20.	City	33. Tangkak	1.3	0.0	1.3	0.0	1.3	0.1	0.1	0.2	-	-	0.2	1.5
		Rural	16. Selatan	3.8	0.1	3.9	0.0	3.9	0.4	0.0	0.4	-	-	-
	Rural	48. Muar	1.1	0.0	1.1	0.1	1.2	0.1	0.1	0.2	-	-	-	-
		Rural Total	4.9	0.1	5.0	0.1	5.1	0.5	0.1	0.6	0.0	0.3	0.9	6.0
Basin Total		6.2	0.1	6.3	0.1	6.4	0.6	0.2	0.8	0.0	0.3	1.1	7.5	

Remarks: (1) All the figures are given in terms of source demand,  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 83

PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1990 (4/7)Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial					Total Total I D & I			
		Public		Total	Private	D	Manufacturing			Palm Oil	Rubber				
		Treated	Un-Treated				Public	Private	Total						
21.	City	30. Kuala Pilah	1.1	0.0	1.1	0.0	1.1	1.1	1.0	2.1	-	-	2.1	3.2	
		32. Segamat	5.3	0.0	5.3	0.1	5.4	2.5	2.4	4.9	-	-	4.9	10.3	
		122. Labis	1.1	0.0	1.1	0.0	1.1	2.0	1.9	3.9	-	-	3.9	5.0	
		125. Jementah	0.3	0.0	0.8	0.0	0.8	0.9	0.9	1.8	-	-	1.8	2.6	
		34. Muar	6.3	0.0	6.3	0.1	6.4	6.8	6.8	13.6	-	-	13.6	20.0	
	145. PT9	0.5	0.0	0.5	0.0	0.5	0.6	0.5	1.1	-	-	1.1	1.6		
	City Total		15.1	0.0	15.1	0.2	15.3	13.9	13.5	27.4	-	-	27.4	42.7	
	Rural	41. Kuala Pilah	4.2	0.3	4.5	0.1	4.6	0.6	0.1	0.7	-	-	-	-	
		43. Tampin	2.1	0.1	2.2	0.1	2.3	0.2	0.1	0.3	-	-	-	-	
		47. Segamat	3.7	0.1	3.8	0.3	4.1	1.3	0.4	1.7	-	-	-	-	
		48. Muar	9.2	0.2	9.4	0.7	10.1	1.3	0.5	1.8	-	-	-	-	
		Rural Total		19.2	0.7	19.9	1.2	21.1	3.4	1.1	4.5	0.4	2.8	7.7	28.8
	Basin Total		34.3	0.7	35.0	1.4	36.4	17.3	14.6	31.9	0.4	2.8	35.1	71.5	
	22.	City	35. Batu Pahat	7.2	0.0	7.2	0.2	7.4	7.9	7.9	15.8	-	-	15.8	23.2
123. Yong Peng			1.0	0.0	1.0	0.0	1.0	3.9	3.8	7.7	-	-	7.7	8.7	
City Total			8.2	0.0	8.2	0.2	8.4	11.8	11.7	23.5	-	-	23.5	31.9	
Rural		47. Segamat	1.4	0.0	1.4	0.1	1.5	0.4	0.2	0.6	-	-	-	-	
		49. Batu Pahat	10.0	0.2	10.2	0.7	10.9	1.3	0.4	1.7	-	-	-	-	
		53. Keluang	1.4	0.3	1.7	0.1	1.8	0.3	0.1	0.4	-	-	-	-	
		Rural Total		12.8	0.5	13.3	0.9	14.2	2.0	0.7	2.7	0.3	0.6	3.6	17.8
Basin Total		21.0	0.5	21.5	1.1	22.6	13.8	12.4	26.2	0.3	0.6	27.1	49.7		
23.		City	37. Pontian Kecil	3.6	0.0	3.6	0.1	3.7	5.3	5.3	10.6	-	-	10.6	14.3
			124. Pekan Nanas	0.9	0.0	0.9	0.0	0.9	1.0	1.0	2.0	-	-	2.0	2.9
	38. Kulat		3.5	0.0	3.5	0.1	3.6	10.7	10.6	21.3	-	-	21.3	24.9	
	39. Johor Bahru		38.6	0.0	38.6	0.0	38.6	23.3	23.3	46.6	-	-	46.6	85.2	
	127. Senai		0.8	0.0	0.8	0.0	0.8	0.9	0.9	1.8	-	-	1.8	2.6	
	128. Kelapa Sawit		0.5	0.0	0.5	0.0	0.5	0.8	0.8	1.6	-	-	1.6	2.1	
	129. Masai		1.0	0.0	1.0	0.0	1.0	1.2	1.2	2.4	-	-	2.4	3.4	
	City Total		48.9	0.0	48.9	0.2	49.1	43.2	43.1	86.3	-	-	86.3	135.4	
	Rural		50. Pontian	4.2	0.1	4.3	0.3	4.6	0.6	0.2	0.8	-	-	-	-
		51. Johor Bahru	4.0	0.1	4.1	0.3	4.4	0.7	0.3	1.0	-	-	-	-	
53. Keluang		1.5	0.0	1.5	0.1	1.6	0.4	0.1	0.5	-	-	-	-		
Rural Total		9.7	0.2	9.9	0.7	10.6	1.7	0.6	2.3	0.4	1.7	4.4	15.0		
Basin Total		58.6	0.2	58.8	0.9	59.7	44.9	43.7	88.6	0.4	1.7	90.7	150.4		
24.	City	126. Ulu Tiram	1.0	0.0	1.0	0.0	1.0	5.8	5.8	11.6	-	-	11.6	12.6	
		40. Kota Tinggi	1.8	0.0	1.8	0.0	1.8	2.7	2.6	5.3	-	-	5.3	7.1	
		City Total		2.8	0.0	2.8	0.0	2.8	8.5	8.4	16.9	-	-	16.9	19.7
	Rural	51. Johor Bahru	1.9	0.0	1.9	0.1	2.0	0.4	0.1	0.5	-	-	-	-	
		52. Kota Tinggi	3.5	0.1	3.6	0.3	3.9	1.3	0.4	1.7	-	-	-	-	
		53. Keluang	0.8	0.0	0.8	0.1	0.9	0.1	0.1	0.2	-	-	-	-	
		Rural Total		6.2	0.1	6.3	0.5	6.8	1.8	0.6	2.4	1.2	0.6	4.2	11.0
Basin Total		9.0	0.1	9.1	0.5	9.6	10.3	9.0	19.3	1.2	0.6	21.1	30.7		
25.	Rural	52. Kota Tinggi	2.4	0.1	2.5	0.2	2.7	0.9	0.3	1.2	-	-	-	-	
		54. Mersing	0.2	0.0	0.2	0.0	0.2	0.3	0.1	0.4	-	-	-	-	
		Rural Total		2.6	0.1	2.7	0.2	2.9	1.2	0.4	1.6	0.0	0.0	1.6	4.5
Basin Total		2.6	0.1	2.7	0.2	2.9	1.2	0.4	1.6	0.0	0.0	1.6	4.5		
26.	City	42. Mersing	2.0	0.0	2.0	0.0	2.0	2.3	2.3	4.6	-	-	4.6	6.6	
		54. Mersing	0.4	0.0	0.4	0.0	0.4	0.5	0.2	0.7	0.0	0.0	0.7	1.1	
	Basin Total		2.4	0.0	2.4	0.0	2.4	2.8	2.5	5.3	0.0	0.0	5.3	7.7	

Remarks: (1) All the figures are given in terms of source demand,  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 84 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND BY PURPOSE BY TYPE OF SUPPLY FOR 1990 (5/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial					Total I	Total D & I	
		Public		Total	Private	Manufacturing			Palm Oil	Rubber				
		Treated	Un-Treated			Public	Private	Total						
27.	City	41. Keluang	5.5	0.0	5.5	0.1	5.6	9.6	9.5	19.1	-	-	19.1	24.7
		151. PT15	1.9	0.0	1.9	0.0	1.9	1.5	1.4	2.9	-	-	2.9	4.8
		City Total	7.4	0.0	7.4	0.1	7.5	11.1	10.9	22.0	-	-	22.0	29.5
	Rural	53. Keluang	4.1	0.1	4.2	0.3	4.5	1.0	0.3	1.3	-	-	-	-
		54. Mersing	0.8	0.0	0.8	0.1	0.9	1.0	0.3	1.3	-	-	-	-
		55. Rompin/Pekan/Temerloh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
		Rural Total	4.9	0.1	5.0	0.4	5.4	2.0	0.6	2.6	0.6	0.7	3.9	9.3
		Basin Total	12.3	0.1	12.4	0.5	12.9	13.1	11.5	24.6	0.6	0.7	25.9	38.8
28.	City	C139 PT3	0.5	0.0	0.5	0.0	0.5	0.5	0.5	1.0	-	-	1.0	1.5
		C141 PT5	1.1	0.0	1.1	0.0	1.1	0.8	0.8	1.6	-	-	1.6	2.7
		C142 PT6	2.7	0.0	2.7	0.1	2.8	2.0	2.0	4.0	-	-	4.0	6.8
		C143 PT7	0.5	0.0	0.5	0.0	0.5	0.5	0.5	1.0	-	-	1.0	1.5
		C146 PT10	0.8	0.0	0.8	0.0	0.8	0.7	0.6	1.3	-	-	1.3	2.1
		C147 PT11	1.1	0.0	1.1	0.0	1.1	0.8	0.8	1.6	-	-	1.6	2.7
		C148 PT12	2.1	0.0	2.1	0.0	2.1	1.6	1.5	3.1	-	-	3.1	5.2
		C149 PT13	0.5	0.0	0.5	0.0	0.5	0.5	0.5	1.0	-	-	1.0	1.5
		C150 PT14	2.0	0.0	2.0	0.0	2.0	1.5	1.5	3.0	-	-	3.0	5.0
		City Total	11.3	0.0	11.3	0.1	11.4	8.9	8.7	17.6	-	-	17.6	29.0
	Rural	55. Rompin/Pekan/Temerloh	0.3	0.0	0.3	0.0	0.3	0.1	0.0	0.1	0.4	0.0	0.5	0.8
		Basin Total	11.6	0.0	11.6	0.1	11.7	9.0	8.7	17.7	0.4	0.0	18.1	29.8
29.	City	C140 PT4	0.5	0.0	0.5	0.0	0.5	0.6	0.5	1.1	-	-	1.1	1.6
	Rural	55. Rompin/Pekan/Temerloh	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	-	-	0.0	0.1
		Basin Total	0.6	0.0	0.6	0.0	0.6	0.6	0.5	1.1	0.0	0.0	1.1	1.7
30.	City	C118 Bahau	1.1	0.0	1.1	0.0	1.1	0.5	0.5	1.0	-	-	1.0	2.1
		C137 PT1	2.5	0.0	2.5	0.1	2.6	1.9	1.9	3.8	-	-	3.8	6.4
		C138 PT2	1.0	0.0	1.0	0.0	1.0	0.8	0.7	1.5	-	-	1.5	2.5
		C144 PT8	1.6	0.0	1.6	0.0	1.6	1.2	1.2	2.4	-	-	2.4	4.0
		C152 PT16	0.9	0.0	0.9	0.0	0.9	0.7	0.7	1.4	-	-	1.4	2.3
		C153 PT17	1.0	0.0	1.0	0.0	1.0	0.8	0.7	1.5	-	-	1.5	2.5
		C154 PT18	0.8	0.0	0.8	0.0	0.8	0.7	0.6	1.3	-	-	1.3	2.1
		C155 PT19	1.0	0.0	1.0	0.0	1.0	0.8	0.7	1.5	-	-	1.5	2.5
		C156 PT20	2.7	0.0	2.7	0.1	2.8	2.0	2.0	4.0	-	-	4.0	6.8
		130. Menekab	1.1	0.0	1.1	0.0	1.1	3.5	3.5	7.0	-	-	7.0	8.1
		45. Temerloh	1.5	0.0	1.5	0.0	1.5	4.6	4.6	9.2	-	-	9.2	10.7
		131. Teriang	1.0	0.0	1.0	0.0	1.0	0.8	0.7	1.5	-	-	1.5	2.5
		46. Bentong	2.2	0.0	2.2	0.0	2.2	0.8	0.7	1.5	-	-	1.5	3.7
		48. Jerantut	0.9	0.0	0.9	0.0	0.9	5.0	5.0	10.0	-	-	10.0	10.9
		49. Raub	2.5	0.0	2.5	0.1	2.6	2.2	2.2	4.4	-	-	4.4	7.0
		50. Kuala Lipis	1.0	0.0	1.0	0.0	1.0	0.8	0.7	1.5	-	-	1.5	2.5
		City Total	22.8	0.0	22.8	0.3	23.1	27.1	26.4	53.5	-	-	53.5	76.6
	Rural	40. Jelebu	1.9	0.1	2.0	0.1	2.1	0.4	0.1	0.5	-	-	-	-
		41. Kuala Pilah	1.8	0.1	1.9	0.0	1.9	0.2	0.1	0.3	-	-	-	-
		55. Rompin/Pekan/Temerloh	0.5	0.1	0.6	0.0	0.6	0.6	0.2	0.8	-	-	-	-
		58. Bentong	4.5	0.6	5.1	0.1	5.2	0.1	0.0	0.1	-	-	-	-
		59. Kuantan	0.4	0.1	0.5	0.0	0.5	0.1	0.0	0.1	-	-	-	-
		60. Jerantut	7.1	0.9	8.0	0.1	8.1	0.3	0.1	0.4	-	-	-	-
		61. Raub	1.7	0.2	1.9	0.0	1.9	0.1	0.0	0.1	-	-	-	-
		62. Lipis	1.8	0.2	2.0	0.0	2.0	0.2	0.1	0.3	-	-	-	-
		63. Cameron G. Highland	1.3	0.2	1.5	0.0	1.5	0.0	0.0	0.0	-	-	-	-
		Rural Total	21.0	2.5	23.5	0.3	23.8	2.0	0.6	2.6	3.2	1.6	7.4	31.2
		Basin Total	43.8	2.5	46.3	0.6	46.9	29.1	27.0	56.1	3.2	1.6	60.9	107.8

Remarks; (1) All the figures are given in terms of source demand,  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 85 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1990 (6/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic				Industrial							Total I	Total D & I
		Public		Total	Private	Manufacturing			Palm		Rubber			
		Treated	Un-Treated			Public	Private	Total	Oil					
31.	City 47. Kuantan	32.0	0.0	32.0	0.0	32.0	10.6	10.6	21.2	-	-	21.2	53.2	
	Rural 59. Kuantan	0.7	0.1	0.8	0.0	0.8	0.1	0.0	0.1	0.3	0.7	1.1	1.9	
	Basin Total	32.7	0.1	32.8	0.0	32.8	10.7	10.6	21.3	0.3	0.7	22.3	55.1	
32.	City 51. Chukai	1.8		1.8	0.0	1.8	2.3	2.3	4.6	-	-	4.6	6.4	
	Rural 64. Kemaman	1.8	0.9	2.7	0.0	2.7	0.2	0.3	0.5	0.5	0.0	1.0	3.7	
	Basin Total	3.6	0.9	4.5	0.0	4.5	2.5	2.6	5.1	0.5	0.0	5.6	10.1	
33.	Rural 65. Dungun	0.1	0.1	0.2	0.0	0.2	0.2	0.3	0.5			0.5	0.7	
	Basin Total	0.1	0.1	0.2	0.0	0.2	0.2	0.3	0.5	0.0	0.0	0.5	0.7	
34.	City 52. Dungun	4.3		4.3	0.1	4.4	1.4	1.4	2.8	-	-	2.8	7.2	
	Rural 65. Dungun	0.3	0.1	0.4	0.0	0.4	0.1	0.3	0.4	0.2	0.0	0.6	1.0	
	Basin Total	4.6	0.1	4.7	0.1	4.8	1.5	1.7	3.2	0.2	0.0	3.4	8.2	
35.	Rural 66. Marang	0.9	0.5	1.4	0.0	1.4	0.0	0.1	0.1					
	67. Ulu Trengganu	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0					
	Rural Total	1.0	0.5	1.5	0.0	1.5	0.0	0.1	0.1	0.1	0.0	0.2	1.7	
	Basin Total	1.0	0.5	1.5	0.0	1.5	0.0	0.1	0.1	0.1	0.0	0.2	1.7	
36.	City 132. Ulu Trengganu	0.8	0.0	0.8	0.0	0.8	0.3	0.2	0.5	-	-	0.5	1.3	
	53. Kuala Trengganu	36.2	0.0	36.2	0.0	36.2	7.7	7.6	15.3	-	-	15.3	51.5	
	City Total	37.0	0.0	37.0	0.0	37.0	8.0	7.8	15.8	-	-	15.8	52.8	
	Rural 67. Ulu Trengganu	1.3	0.7	2.0	0.0	2.0	0.4	0.4	0.8					
	68. Kuala Trengganu	0.4	0.2	0.6	0.0	0.6	0.1	0.2	0.3					
	Rural Total	1.7	0.9	2.6	0.0	2.6	0.5	0.6	1.1	0.2	0.2	1.5	4.1	
	Basin Total	38.7	0.9	39.6	0.0	39.6	8.5	8.4	16.9	0.2	0.2	17.3	56.9	
37.	Rural 69. Besut	1.2	0.6	1.8	0.0	1.8	0.1	0.1	0.2	0.0	0.0	0.2	2.0	
	Basin Total	1.2	0.6	1.8	0.0	1.8	0.1	0.1	0.2	0.0	0.0	0.2	2.0	
38.	Rural 69. Besut	1.9	1.0	2.9	0.0	2.9	0.1	0.2	0.3			0.3	3.2	
	Basin Total	1.9	1.0	2.9	0.0	2.9	0.1	0.2	0.3	0.0	0.0	0.3	3.2	
39.	City 56. Perinagat	1.1	0.0	1.1	0.1	1.2	0.6	0.6	1.2	-	-	1.2	2.4	
	57. Pangkal Kalong	2.4	0.0	2.4	0.2	2.6	1.2	1.2	2.4	-	-	2.4	5.0	
	134. Kadov	1.1	0.0	1.1	0.1	1.2	0.6	0.5	1.1	-	-	1.1	2.3	
	City Total	4.6	0.0	4.6	0.4	5.0	2.4	2.3	4.7	-	-	4.7	9.7	
	Rural 71. Pasir Putih	2.1	1.4	3.5	0.1	3.6	0.0	0.0	0.0					
	74. Bacjok	2.0	1.3	3.3	0.1	3.4	0.0	0.0	0.0					
	75. Kota Bahru	0.8	0.5	1.3	0.0	1.3	0.0	0.0	0.0					
	Rural Total	4.9	3.2	8.1	0.2	8.2	0.0	0.0	0.0	0.0	0.1	0.1	8.4	
	Basin Total	9.5	3.2	12.7	0.6	13.3	2.4	2.3	4.7	0.0	0.1	4.8	18.1	

Remarks; (1) All the figures are given in terms of source demand,  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.



Table 86 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1990 (7/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial					Total Total I D & I		
		Public		Un-Treated	Total	Private	D	Manufacturing			Palm Oil			Rubber
		Treated	Treated					Public	Private	Total				
40.	City	135. Gua Musang	0.6	0.0	0.6	0.1	0.7	0.4	0.3	0.7	-	-	0.7	1.4
		54. Tanah Merah	0.8	0.0	0.8	0.1	0.9	1.7	1.7	3.4	-	-	3.4	4.3
		55. Kota Bahru	29.7	0.0	29.7	0.6	30.3	9.0	8.9	17.9	-	-	17.9	48.2
		58. Pasir Mas	1.1	0.0	1.1	0.1	1.2	0.6	0.6	1.2	-	-	1.2	2.4
		133. Kuala Krai	0.4	0.0	0.4	0.0	0.4	2.0	1.9	3.9	-	-	3.9	4.3
		City Total	32.6	0.0	32.6	0.9	33.5	13.7	13.4	27.1	-	-	27.1	60.6
	Rural	70. Ulu Kelantan	1.6	1.1	2.7	0.1	2.8	0.1	0.2	0.3	-	-	-	-
		72. Machang	1.5	1.0	2.5	0.0	2.5	0.0	0.0	0.0	-	-	-	-
		73. Tanah Merah	1.1	0.7	1.8	0.0	1.8	0.0	0.0	0.0	-	-	-	-
		75. Kota Bahru	0.4	0.2	0.6	0.0	0.6	0.0	0.0	0.0	-	-	-	-
		76. Pasir Mas	0.8	0.5	1.3	0.0	1.3	0.0	0.0	0.0	-	-	-	-
		77. Tumpat	2.3	1.5	3.8	0.1	3.9	0.0	0.0	0.0	-	-	-	-
		Rural Total	7.7	5.0	12.7	0.2	12.9	0.1	0.2	0.3	0.2	0.3	0.8	13.7
	Basin Total		40.3	5.0	45.3	1.1	46.4	13.8	13.6	27.4	0.2	0.3	27.9	74.3
41.	City	136. Pantan Panjang	1.7	0.0	1.7	0.1	1.8	0.3	0.2	0.5	-	-	0.5	2.3
	Rural	73. Tanah Merah	0.8	0.5	1.3	0.0	1.3	0.0	0.0	0.0	-	-	-	-
		76. Pasir Mas	1.8	1.2	3.0	0.1	3.1	0.0	0.0	0.0	-	-	-	-
		Rural Total	2.6	1.7	4.3	0.1	4.4	0.0	0.0	0.0	0.1	0.0	0.1	4.5
	Basin Total		4.3	1.7	6.0	0.2	6.2	0.3	0.2	0.5	0.1	0.0	0.6	6.8
Total for Peninsular Malaysia			1001.5	36.6	1038.1	13.4	1051.5	698.0	601.6	1299.6	11.3	29.9	2392.3	1340.8

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 87

PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 2000 (1/7)Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic				Industrial							Total I, D & I
		Public		Total	Private	Manufacturing			Palm		Total		
		Treated	Un-Treated			Public	Private	Total	Oil	Rubber			
1.	City 1. Kangar	2.7	0.0	2.7	0.0	2.7	11.0	11.0	22.0	-	-	22.0	24.7
	Rural 1. Perlis	10.8	1.4	12.2	0.0	12.2	0.2	0.1	0.3	0.0	0.0	0.3	12.5
	Basin Total	13.5	1.4	14.9	0.0	14.9	11.2	11.1	22.3	0.0	0.0	22.3	37.2
2.	Rural 2. Pulau Langkawi	2.1	0.4	2.5	0.0	2.5	0.1	0.1	0.2	0.0	0.0	0.2	2.7
	Basin Total	2.1	0.4	2.5	0.0	2.5	0.1	0.1	0.2	0.0	0.0	0.2	2.7
3.	City 101. Jitra	4.3	0	4.3	0.0	4.3	1.1	1.1	2.2	-	-	2.2	6.5
	2. Alor Setar	11.0	0	11.0	0.0	11.0	34.8	34.8	69.6	-	-	69.6	80.6
	102. Guar Chempedak	0.6	0	0.6	0.0	0.6	3.6	3.6	7.2	-	-	7.2	7.8
	103. Yan	1.4	0	1.4	0.0	1.4	3.0	3.0	6.0	-	-	6.0	7.4
	City Total	17.3	0.0	17.3	0.0	17.3	42.5	42.5	85.0	-	-	85.0	102.3
	Rural 3. Kulang Pasu	7.0	1.5	8.5	0.0	8.5	0.3	0.1	0.4	-	-	-	-
	4. Padang Terap	3.3	0.7	4.0	0.0	4.0	0.3	0.2	0.5	-	-	-	-
	5. Kota Setar	15.9	3.3	19.2	0.0	19.2	0.2	0.1	0.3	-	-	-	-
	6. Pendang	4.9	1.0	5.9	0.0	5.9	0.1	0.1	0.2	-	-	-	-
	7. Yan	2.7	0.6	3.3	0.0	3.3	0.1	0.0	0.1	-	-	-	-
	Rural Total	33.8	7.1	40.9	0.0	40.9	1.0	0.5	1.5	0.0	0.2	1.7	42.6
	Basin Total	51.1	7.1	58.2	0.0	58.2	43.5	43.0	86.5	0.0	0.2	86.7	144.9
4.	City 3. Sg. Petani	8.3	0.0	8.3	0.0	8.3	21.9	21.9	43.8	-	-	43.8	52.1
	Rural 9. Kuala Muda	5.3	1.1	6.4	0.0	6.4	0.1	0.1	0.2	0.0	2.1	2.3	8.7
	Basin Total	13.6	1.1	14.7	0.0	14.7	22.0	22.0	44.0	0.0	2.1	46.1	60.8
5.	City 104. Tikan Batu	1.5	0.0	1.5	0.0	1.5	3.9	3.8	7.7	-	-	7.2	9.2
	Rural 8. Sik	2.9	0.6	3.5	0.0	3.5	0.4	0.2	0.6	-	-	-	-
	9. Kuala Muda	4.7	1.0	5.7	0.0	5.7	0.1	0.1	0.2	-	-	-	-
	10. Baling	6.5	1.4	7.9	0.0	7.9	0.4	0.2	0.6	-	-	-	-
	11. Kulim	1.9	0.4	2.3	0.0	2.3	0.1	0.0	0.1	-	-	-	-
	13. Utara	3.1	0.1	3.2	0.0	3.2	1.1	0.1	1.2	-	-	-	-
	Rural Total	19.1	3.5	22.6	0.0	22.6	2.1	0.6	2.7	0.1	2.9	5.7	28.3
	Basin Total	20.6	3.5	24.1	0.0	24.1	6.0	4.4	10.4	0.1	2.9	13.4	37.5
6.	City 4. Kulim	5.7	0.0	5.7	0.0	5.7	2.8	2.7	5.5	-	-	5.5	11.2
	5. Butterworth	13.4	0.0	13.4	0.0	13.4	30.9	30.8	61.7	-	-	61.7	75.1
	109. Kg. Pmtg Kuching	2.1	0.0	2.1	0.0	2.1	3.5	3.4	6.9	-	-	6.9	9.0
	6. Bk. Mertajam	4.0	0.0	4.0	0.0	4.0	11.7	11.6	23.3	-	-	23.3	27.3
	110. Peral	1.6	0.0	1.6	0.0	1.6	25.0	25.0	50.0	-	-	50.0	51.6
	City Total	26.8	0.0	26.8	0.0	26.8	73.9	73.5	147.4	-	-	147.4	174.2
	Rural 11. Kulim	2.0	0.4	2.4	0.0	2.4	0.1	0.1	0.2	-	-	-	-
	13. Utara	7.2	0.1	7.3	0.0	7.3	2.7	0.1	2.8	-	-	-	-
	14. Tengah	12.6	0.2	12.8	0.0	12.8	3.4	0.2	3.6	-	-	-	-
	15. Selatan	6.6	0.1	6.7	0.0	6.7	3.6	0.2	3.8	-	-	-	-
	Rural Total	28.4	0.8	29.2	0.0	29.2	9.8	0.6	10.4	0.2	4.1	14.7	43.9
	Basin Total	55.2	0.8	56.0	0.0	56.0	83.7	74.1	157.8	0.2	4.1	162.1	218.1
7.	City 8. Georgetown	30.6	0.0	30.6	0.0	30.6	16.4	16.3	32.7	-	-	32.7	63.3
	105. Air Itam	6.9	0.0	6.9	0.0	6.9	11.3	11.3	22.6	-	-	22.6	29.5
	106. Tg. Tokong	2.2	0.0	2.2	0.0	2.2	3.7	3.7	7.4	-	-	7.4	9.6
	107. Gelugor	2.6	0.0	2.6	0.0	2.6	0.9	0.9	1.8	-	-	1.8	4.4
	108. Tg. Bunga	1.8	0.0	1.8	0.0	1.8	3.0	3.0	6.0	-	-	6.0	7.8
	City Total	44.1	0.0	44.1	0.0	44.1	35.3	35.2	70.5	-	-	70.5	114.6
	Rural 16. Timur Laut	7.5	0.1	7.6	0.0	7.6	1.7	0.1	1.8	-	-	-	-
	17. Barat Daya	7.4	0.1	7.5	0.0	7.5	2.6	0.1	2.7	-	-	-	-
	Rural Total	14.9	0.2	15.1	0.0	15.1	4.3	0.2	4.5	0.0	1.3	5.8	20.9
	Basin Total	59.0	0.2	59.2	0.0	59.2	39.6	35.4	75.0	0.0	1.3	76.3	135.5

Remarks: (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 88 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND BY PURPOSE BY TYPE OF SUPPLY FOR 2000 (2/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic				Industrial								
		Public		Total	Private	Manufacturing			Palm		Total Total			
		Un-Treated	Treated			Public	Private	Total	Oil	Rubber	I	D & I		
8.	Rural	12. Bandar Bahru	1.8	0.4	2.2	0.0	2.2	0.1	0.0	0.1				
		20. Krian	0.9	0.1	1.0	0.0	1.0	0.6	0.1	0.7				
		Rural Total	2.7	0.5	3.2	0.0	3.2	0.7	0.1	0.8	0.1	0.9	1.8	5.0
	Basin Total	2.7	0.5	3.2	0.0	3.2	0.7	0.1	0.8	0.1	0.9	1.8	5.0	
9.	City	112. Bagan Serat	1.4	0.0	1.4	0.0	1.4	6.7	6.7	13.4	-	-	13.4	14.8
		10. Taiping	34.6	0.0	34.6	0.0	34.6	46.0	45.9	91.9	-	-	91.9	126.5
		City Total	36.0	0.0	36.0	0.0	36.0	52.7	52.6	105.3	-	-	105.3	141.3
	Rural	20. Krian	8.8	0.9	9.7	0.0	0.7	5.6	1.5	7.1				
		21. Larut dan Matang	13.9	1.4	15.3	0.0	15.3	8.9	2.4	11.3				
		25. Dinding	8.5	0.9	9.4	0.0	9.4	7.2	2.0	9.2				
	Rural Total	31.2	3.2	34.4	0.0	34.4	21.7	5.9	27.6	0.6	2.2	30.4	64.8	
	Basin Total	67.2	3.2	70.4	0.0	70.4	74.4	58.5	132.9	0.6	2.2	135.7	206.1	
10.	City	11. Kuala Kangsar	1.9	0.0	1.9	0.0	1.9	5.9	5.8	11.7	-	-	11.7	13.6
		12. Sg. Siput Utara	3.5	0.0	3.5	0.0	3.5	1.6	1.6	3.2	-	-	3.2	6.7
		13. Ipoh	49.3	0.0	49.3	0.0	49.3	52.2	52.2	104.4	-	-	104.4	153.7
		14. Batu Gajah	1.5	0.0	1.5	0.0	1.5	2.7	2.6	5.3	-	-	5.3	6.8
		15. Kampar	3.2	0.0	3.2	0.0	3.2	3.1	3.0	6.1	-	-	6.1	9.3
		111. Baru Mambang	1.4	0.0	1.4	0.0	1.4	2.0	2.0	4.0	-	-	4.0	5.4
		113. Jelapang	1.3	0.0	1.3	0.0	1.3	0.2	0.2	0.4	-	-	0.4	1.7
		17. Telok Anson	7.3	0.0	7.3	0.0	7.3	15.8	15.8	31.6	-	-	31.6	38.9
		18. Tapah	1.3	0.0	1.3	0.0	1.3	3.5	3.4	6.9	-	-	6.9	8.2
		City Total	70.7	0.0	70.7	0.0	70.7	87.0	86.6	173.6	-	-	173.6	244.3
	Rural	18. Ulu Perak	3.9	0.4	4.3	0.0	4.3	8.4	2.3	10.7				
		22. Kuala Kangsar	7.1	0.7	7.8	0.0	7.8	16.8	4.5	21.3				
		23. Kinta	10.8	1.1	11.9	0.0	11.9	12.9	3.5	16.4				
		24. Perak Tengah	5.0	0.5	5.5	0.0	5.5	11.9	3.2	15.1				
		26. Hilir Perak	6.6	0.7	7.3	0.0	7.3	6.2	1.7	7.9				
27. Batang Padang		4.2	0.4	4.6	0.0	4.6	10.8	2.9	13.7					
	Rural Total	37.6	3.8	41.4	0.0	41.4	67.0	18.1	85.1	0.9	3.2	89.2	130.6	
	Basin Total	108.3	3.8	112.1	0.0	112.1	154.0	104.7	258.7	0.9	3.2	262.8	374.9	
11.	Rural	26. Hilir Perak	2.8	0.3	3.1	0.0	3.1	2.7	0.7	3.4				
		27. Batang Padang	2.8	0.3	3.1	0.0	3.1	7.2	1.9	9.1				
		28. Sahak Bernam	9.3	0.0	9.3	0.0	9.3	3.5	0.0	3.5				
		29. Kuala Selangor	1.9	0.0	1.9	0.0	1.9	0.8	0.0	0.8				
		30. Ulu Selangor	0.4	0.0	0.4	0.0	0.4	0.4	0.0	0.4				
			Rural Total	17.2	0.6	17.8	0.0	17.8	14.6	2.6	17.2	0.7	0.2	18.1
	Basin Total	17.2	0.6	17.8	0.0	17.8	14.6	2.6	17.2	0.7	0.2	18.1	35.9	
12.	Rural	29. Kuala Selangor	2.1	0.0	2.1	0.0	2.1	0.9	0.0	0.9	0.0	0.0	0.9	3.0
		Basin Total	2.1	0.0	2.1	0.0	2.1	0.9	0.0	0.9	0.0	0.0	0.9	3.0
13.	City	21. Kuala Kubu Baru	1.7	0.0	1.7	0.0	1.7	1.2	1.2	2.4	-	-	2.4	4.1
		29. Kuala Selangor	3.7	0.0	3.7	0.0	3.7	1.5	0.0	1.5				
	Rural	30. Ulu Selangor	6.0	0.0	6.0	0.0	6.0	5.8	0.0	5.8				
		31. Gombak	5.9	0.0	5.9	0.0	5.9	1.0	0.0	1.0				
	Rural Total	15.6	0.0	15.6	0.0	15.6	8.3	0.0	8.3	0.2	0.4	8.9	24.5	
	Basin Total	17.3	0.0	17.3	0.0	17.3	9.5	1.2	10.7	0.2	0.4	11.3	28.6	
14.	City	114. S. Buloh	1.4	0.0	1.4	0.0	1.4	1.2	1.2	2.4	-	-	2.4	3.8
		29. Kuala Selangor	2.4	0.0	2.4	0.0	2.4	1.0	0.0	1.0				
	Rural	33. Petaling	2.1	0.0	2.1	0.0	2.1	0.4	0.0	0.4				
	Rural Total	4.5	0.0	4.5	0.0	4.5	1.4	0.0	1.4	0.6	0.4	2.4	6.9	
	Basin Total	5.9	0.0	5.9	0.0	5.9	2.6	1.2	3.8	0.6	0.4	4.8	10.7	

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 89

PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 2000 (3/7)Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic				Industrial						Total I	Total D & I	
		Public		Total	Private	Manufacturing			Palm Oil	Rubber				
		Treated	Un-Treated			Public	Private	Total						
15.	City	22. Kelang	73.6	0.0	73.6	0.0	73.6	38.8	38.8	77.6	-	-	77.6	151.2
		23. Shah Alam	15.6	0.0	15.6	0.0	15.6	10.9	10.8	21.7	-	-	21.7	37.3
		24. Petaling Jaya	111.3	0.0	111.3	0.0	111.3	139.9	139.9	279.8	-	-	279.8	391.1
		25. Bandaraya kl	294.6	0.0	294.6	0.0	294.6	87.3	87.2	174.5	-	-	174.5	469.1
		116. Ampang	1.9	0.0	1.9	0.0	1.9	0.6	0.6	1.2	-	-	1.2	3.1
		117. Serdang Baru	2.6	0.0	2.6	0.0	2.6	1.8	1.8	3.6	-	-	3.6	6.2
		City Total	499.6	0.0	499.6	0.0	499.6	279.3	279.1	558.4	-	-	558.4	1,058.0
	Rural	31. Gombak	7.5	0.0	7.5	0.0	7.5	1.2	0.0	1.2	-	-	-	-
		32. Kelang	7.7	0.0	7.7	0.0	7.7	2.2	0.0	2.2	-	-	-	-
		33. Petaling	7.4	0.0	7.4	0.0	7.4	1.4	0.0	1.4	-	-	-	-
		34. Federal Territory UI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
		37. Sepang	1.2	0.0	1.2	0.0	1.2	0.7	0.0	0.7	-	-	-	-
		Rural Total	23.8	0.0	23.8	0.0	23.8	5.5	0.0	5.5	0.3	2.9	8.7	32.5
	Basin Total		523.4	0.0	523.4	0.0	523.4	284.8	279.1	563.9	0.3	2.9	567.1	1,090.5
16.	City	26. Kajang Chua	6.1	0.0	6.1	0.0	6.1	4.2	4.2	8.4	-	-	8.4	14.5
		115. Semenyih	1.5	0.0	1.5	0.0	1.5	0.9	0.9	1.8	-	-	1.8	3.3
		City Total	7.6	0.0	7.6	0.0	7.6	5.1	5.1	10.2	-	-	10.2	17.8
	Rural	35. U. Langat	12.0	0.0	12.0	0.0	12.0	3.0	0.0	3.0	-	-	-	-
		36. Kuala Langat	7.1	0.0	7.1	0.0	7.1	2.3	0.0	2.3	-	-	-	-
		37. Sepang	1.8	0.0	1.8	0.0	1.8	1.0	0.0	1.0	-	-	-	-
		39. Seremban	3.5	0.3	3.8	0.0	3.8	0.1	0.0	0.1	-	-	-	-
		Rural Total	24.4	0.3	24.7	0.0	24.7	6.4	0.0	6.4	0.8	0.9	8.1	32.8
	Basin Total		32.0	0.3	32.3	0.0	32.3	11.5	5.1	16.6	0.8	0.9	18.3	50.6
17.	City	28. Port Dickson	6.8	0.0	6.8	0.0	6.8	48.5	48.4	96.9	-	-	96.9	103.7
	Rural	36. Kuala Langat	2.0	0.0	2.0	0.0	2.0	0.6	0.0	0.6	-	-	-	-
		37. Sepang	1.1	0.0	1.1	0.0	1.1	0.6	0.0	0.6	-	-	-	-
		38. Port Dickson	1.9	0.2	2.1	0.0	2.1	0.0	0.0	0.0	-	-	-	-
		39. Seremban	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	-	-	-	-
		Rural Total	5.1	0.2	5.3	0.0	5.3	1.2	0.0	1.2	0.5	0.2	1.9	7.2
	Basin Total		11.9	0.2	12.1	0.0	12.1	49.7	48.4	98.1	0.5	0.2	98.8	110.9
18.	City	29. Seremban	32.0	0.0	32.0	0.0	32.0	8.6	8.6	17.2	-	-	17.2	49.2
	Rural	38. Port Dickson	2.9	0.3	3.2	0.0	3.2	0.1	0.0	0.1	-	-	-	-
		39. Seremban	3.5	0.3	3.8	0.0	3.8	0.1	0.0	0.1	-	-	-	-
		42. Pembau	2.9	0.3	3.2	0.0	3.2	0.1	0.0	0.1	-	-	-	-
		44. Utara	4.5	0.2	4.7	0.0	4.7	0.3	0.0	0.3	-	-	-	-
		Rural Total	13.8	1.1	14.9	0.0	14.9	0.6	0.0	0.6	0.3	2.3	3.2	18.1
	Basin Total		45.8	1.1	46.9	0.0	46.9	9.2	8.6	17.8	0.3	2.3	20.4	67.3
19.	City	119. Tampin	1.5	0.0	1.5	0.0	1.5	0.8	0.8	1.6	-	-	1.6	3.1
		31. Melaka	12.4	0.0	12.4	0.0	12.4	22.5	22.5	45.0	-	-	45.0	57.4
		120. Kelebang	1.4	0.0	1.4	0.0	1.4	2.6	2.6	5.2	-	-	5.2	6.6
		121. Bukit Baru	2.7	0.0	2.7	0.0	2.7	5.3	5.2	10.5	-	-	10.5	13.2
		City Total	18.0	0.0	18.0	0.0	18.0	31.2	31.1	62.3	-	-	62.3	80.3
	Rural	43. Tampin	0.4	0.0	0.4	0.0	0.4	0.0	0.0	0.0	-	-	-	-
		44. Utara	4.7	0.2	4.9	0.0	4.9	0.3	0.0	0.3	-	-	-	-
		45. Tengah	12.5	0.6	13.1	0.0	13.1	0.2	0.0	0.2	-	-	-	-
		46. Selatan	1.8	0.1	1.9	0.0	1.9	0.1	0.0	0.1	-	-	-	-
		Rural Total	19.4	0.9	20.3	0.0	20.3	0.6	0.0	0.6	0.0	3.0	3.6	23.9
	Basin Total		37.4	0.9	38.3	0.0	38.3	31.8	31.1	62.9	0.0	3.0	65.9	104.2
20.	City	33. Tangkak	2.0	0.0	2.0	0.0	2.0	0.2	0.1	0.3	-	-	0.3	2.3
	Rural	16. Selatan	5.4	0.3	5.7	0.0	5.7	9.2	1.2	10.4	-	-	-	-
		48. Muar	2.1	0.0	2.1	0.0	2.1	0.2	0.0	0.2	-	-	-	-
		Rural Total	7.5	0.3	7.8	0.0	7.8	9.4	1.2	10.6	0.0	0.4	11.0	18.8
	Basin Total		9.5	0.3	9.8	0.0	9.8	9.6	1.3	10.9	0.0	0.4	11.3	21.1

Remarks; (1) All the figures are given in terms of source demand,  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 90

PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 2000 (4/7)Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic				Industrial						Total I	Total D & I	
		Public		Total	Private	Manufacturing			Palm Oil	Rubber				
		Treated	Un-Treated			Public	Private	Total						
21.	City	30. Kuala Pilah	1.7	0.0	1.7	0.0	1.7	1.7	1.7	3.4	-	-	3.4	5.1
		32. Segamat	11.5	0.0	11.5	0.0	11.5	4.4	4.3	8.7	-	-	8.7	20.2
		122. Labis	1.8	0.0	1.8	0.0	1.8	3.5	3.5	7.0	-	-	7.0	8.8
		125. Jementah	1.3	0.0	1.3	0.0	1.3	1.4	1.3	2.7	-	-	2.7	4.0
		34. Muar	9.5	0.0	9.5	0.0	9.5	12.0	12.0	24.0	-	-	24.0	33.5
		145. PT9	1.1	0.0	1.1	0.0	1.1	1.3	1.2	2.5	-	-	2.5	3.6
		City Total	26.9	0.0	26.9	0.0	26.9	24.0	24.3	48.3	-	-	48.3	75.2
	Rural	41. Kuala Pilah	3.7	0.3	4.0	0.0	4.0	0.3	0.1	0.4	-	-	0.4	0.2
		43. Tampin	1.9	0.2	2.1	0.0	2.1	0.2	0.0	0.2	-	-	0.2	0.0
		47. Segamat	6.5	0.0	6.5	0.0	6.5	1.3	0.0	1.3	-	-	1.3	0.0
		48. Muar	17.0	0.0	17.0	0.0	17.0	1.3	0.0	1.3	-	-	1.3	0.0
		Rural Total	29.1	0.5	29.6	0.0	29.6	3.1	0.1	3.2	0.7	3.1	7.0	36.6
	Basin Total		56.0	0.5	56.5	0.0	56.5	27.4	24.1	51.5	0.7	3.1	55.3	111.8
22.	City	35. Batu Pahat	12.6	0.0	12.6	0.0	12.6	13.9	13.8	27.7	-	-	27.7	40.3
		123. Yong Peng	1.5	0.0	1.5	0.0	1.5	6.9	6.8	13.7	-	-	13.7	15.2
		City Total	14.1	0.0	14.1	0.0	14.1	20.8	20.6	41.4	-	-	41.4	55.5
	Rural	47. Segamat	2.4	0.0	2.4	0.0	2.4	0.5	0.0	0.5	-	-	0.5	0.0
		49. Batu Pahat	18.0	0.0	18.0	0.0	18.0	1.2	0.0	1.2	-	-	1.2	0.0
		53. Keluang	2.1	0.0	2.1	0.0	2.1	0.3	0.0	0.3	-	-	0.3	0.0
		Rural Total	22.5	0.0	22.5	0.0	22.5	2.0	0.0	2.0	0.8	0.6	3.4	25.9
	Basin Total		36.6	0.0	36.6	0.0	36.6	22.8	20.6	43.4	0.8	0.6	44.8	81.4
23.	City	37. Pontian Kecil	7.9	0.0	7.9	0.0	7.9	9.5	9.5	19.0	-	-	19.0	26.9
		124. Pekan Nanas	1.4	0.0	1.4	0.0	1.4	1.5	1.5	3.0	-	-	3.0	4.4
		38. Kulat	7.6	0.0	7.6	0.0	7.6	18.8	18.8	37.6	-	-	37.6	45.2
		39. Johor Bahru	75.5	0.0	75.5	0.0	75.5	41.6	41.6	83.2	-	-	83.2	158.7
		127. Senai	1.6	0.0	1.6	0.0	1.6	1.7	1.6	3.3	-	-	3.3	4.9
		128. Kelapa Sawit	1.3	0.0	1.3	0.0	1.3	1.4	1.3	2.7	-	-	2.7	4.0
		129. Masai	2.3	0.0	2.3	0.0	2.3	2.5	2.5	5.0	-	-	5.0	7.3
		City Total	97.6	0.0	97.6	0.0	97.6	77.0	76.8	153.8	-	-	153.8	251.4
	Rural	50. Pontian	8.2	0.0	8.2	0.0	8.2	0.6	0.0	0.6	-	-	0.6	0.0
		51. Johor Bahru	7.1	0.0	7.1	0.0	7.1	0.7	0.0	0.7	-	-	0.7	0.0
		53. Keluang	2.2	0.0	2.2	0.0	2.2	0.3	0.0	0.3	-	-	0.3	0.0
		Rural Total	17.5	0.0	17.5	0.0	17.5	1.6	0.0	1.6	0.7	1.9	4.2	21.7
	Basin Total		115.1	0.0	115.1	0.0	115.1	78.6	76.8	155.4	0.7	1.9	158.0	273.1
24.	City	126. Ulu Tiram	2.1	0.0	2.1	0.0	2.1	10.4	10.3	20.7	-	-	20.7	22.8
		40. Kota Tinggi	3.6	0.0	3.6	0.0	3.6	4.7	4.6	9.3	-	-	9.3	12.9
		City Total	5.7	0.0	5.7	0.0	5.7	15.1	14.9	30.0	-	-	30.0	35.7
	Rural	51. Johor Bahru	3.3	0.0	3.3	0.0	3.3	0.3	0.2	0.3	-	-	0.3	0.0
		52. Kota Tinggi	4.9	0.0	4.9	0.0	4.9	1.2	0.0	1.2	-	-	1.2	0.0
		53. Keluang	1.2	0.0	1.2	0.0	1.2	0.2	0.0	0.2	-	-	0.2	0.0
		Rural Total	9.4	0.0	9.4	0.0	9.4	1.7	0.0	1.7	2.0	0.7	4.4	13.8
	Basin Total		15.1	0.0	15.1	0.0	15.1	16.8	14.9	31.7	2.0	0.7	34.4	49.5
25.	Rural	52. Kota Tinggi	3.4	0.0	3.4	0.0	3.4	0.9	0.0	0.9	-	-	0.9	0.0
		54. Mersing	0.4	0.0	0.4	0.0	0.4	0.3	0.0	0.3	-	-	0.3	0.0
		Rural Total	3.8	0.0	3.8	0.0	3.8	1.2	0.0	1.2	0.2	0.0	1.4	5.2
	Basin Total		3.8	0.0	3.8	0.0	3.8	1.2	0.0	1.2	0.2	0.0	1.4	5.2
26.	City	42. Mersing	4.2	0.0	4.2	0.0	4.2	4.4	4.4	8.8	-	-	8.8	13.0
	Rural	54. Mersing	0.7	0.0	0.7	0.0	0.7	0.5	0.0	0.5	0.0	0.0	0.5	1.2
	Basin Total		4.9	0.0	4.9	0.0	4.9	4.9	4.4	9.3	0.0	0.0	9.3	14.2

Remarks; (1) All the figures are given in terms of source demand,  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 91 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND BY PURPOSE BY TYPE OF SUPPLY FOR 2000 (5/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial					Total Total I D & I				
		Public		Total	Private	D	Manufacturing			Palm						
		Treated	Un-Treated				Public	Private	Total	Oil	Rubber					
27.	City	41. Keluang	8.9	0.0	8.9	0.0	8.9	17.0	17.0	34.0	-	-	34.0	42.9		
		151. PT15	2.4	0.0	2.4	0.0	2.4	2.7	2.7	5.4	-	-	5.4	7.8		
		City Total	11.3	0.0	11.3	0.0	11.3	19.7	19.7	39.4	-	-	39.4	50.7		
	Rural	53. Keluang	6.2	0.0	6.2	0.0	6.2	0.9	0.0	0.9	-	-	-	-		
		54. Mersing	1.4	0.0	1.4	0.0	1.4	1.0	0.0	1.0	-	-	-	-		
		55. Rompin/Pekan/ Temerloh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-		
		Rural Total	7.6	0.0	7.6	0.0	7.6	1.9	0.0	1.9	1.0	0.8	3.7	11.3		
		Basin Total	18.9	0.0	18.9	0.0	18.9	21.6	19.7	41.3	1.0	0.8	43.1	62.0		
	28.	City	C139 PT3	1.1	0.0	1.1	0.0	1.1	1.3	1.2	2.5	-	-	2.5	3.6	
			C141 PT5	1.8	0.0	1.8	0.0	1.8	2.0	1.9	3.9	-	-	3.9	5.7	
C142 PT6			4.4	0.0	4.4	0.0	4.4	5.1	5.1	10.2	-	-	10.2	14.6		
C143 PT7			1.1	0.0	1.1	0.0	1.1	1.3	1.2	2.5	-	-	2.5	3.6		
C146 PT10			1.1	0.0	1.1	0.0	1.1	1.3	1.2	2.5	-	-	2.5	3.6		
C147 PT11			1.6	0.0	1.6	0.0	1.6	1.9	1.8	3.7	-	-	3.7	5.3		
C148 PT12			2.6	0.0	2.6	0.0	2.6	3.0	2.9	5.9	-	-	5.9	8.5		
C149 PT13			1.2	0.0	1.2	0.0	1.2	1.3	1.2	2.5	-	-	2.5	3.7		
C150 PT14			2.5	0.0	2.5	0.0	2.5	2.8	2.8	5.6	-	-	5.6	8.1		
			City Total	17.4	0.0	17.4	0.0	17.4	20.0	19.3	39.3	-	-	39.3	56.7	
Rural			55. Rompin/Pekan/ Temerloh	0.2	0.0	0.2	0.0	0.2	0.1	0.0	0.1	0.4	0.0	0.5	0.7	
			Basin Total	17.6	0.0	17.6	0.0	17.6	20.1	19.3	39.4	0.4	0.0	39.8	57.4	
29.			City	C140 PT4	1.3	0.0	1.3	0.0	1.3	1.4	1.4	2.8	-	-	2.8	4.1
			Rural	55. Rompin/Pekan/ Temerloh	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
		Basin Total	1.4	0.0	1.4	0.0	1.4	1.4	1.4	2.8	0.0	0.0	2.8	4.2		
30.	City	C118 Bahau	1.7	0.0	1.7	0.0	1.7	0.8	0.8	1.6	-	-	1.6	3.3		
		C137 PT1	3.3	0.0	3.3	0.0	3.3	3.7	3.6	7.3	-	-	7.3	10.6		
		C138 PT2	1.7	0.0	1.7	0.0	1.7	2.0	1.9	3.9	-	-	3.9	5.6		
		C144 PT8	2.2	0.0	2.2	0.0	2.2	2.6	2.5	5.1	-	-	5.1	7.3		
		C152 PT16	1.5	0.0	1.5	0.0	1.5	1.7	1.7	3.4	-	-	3.4	4.9		
		C153 PT17	1.3	0.0	1.3	0.0	1.3	1.4	1.4	2.8	-	-	2.8	4.1		
		C154 PT18	1.1	0.0	1.1	0.0	1.1	1.3	1.2	2.5	-	-	2.5	3.6		
		C155 PT19	1.3	0.0	1.3	0.0	1.3	1.4	1.4	2.8	-	-	2.8	4.1		
		C156 PT20	3.5	0.0	3.5	0.0	3.5	4.0	3.9	7.9	-	-	7.9	11.4		
		130. Mentekab	1.9	0.0	1.9	0.0	1.9	12.3	12.2	24.5	-	-	24.5	26.4		
		45. Temerloh	2.3	0.0	2.3	0.0	2.3	16.2	16.1	32.3	-	-	32.3	34.6		
		131. Teriang	1.8	0.0	1.8	0.0	1.8	2.0	1.9	3.9	-	-	3.9	5.7		
		46. Bentong	3.2	0.0	3.2	0.0	3.2	2.7	2.7	5.4	-	-	5.4	8.6		
		48. Jerantut	1.8	0.0	1.8	0.0	1.8	17.4	17.3	34.7	-	-	34.7	36.5		
	49. Raub	4.0	0.0	4.0	0.0	4.0	7.8	7.7	15.5	-	-	15.5	19.5			
	50. Kuala Lipis	1.5	0.0	1.5	0.0	1.5	1.7	1.7	3.4	-	-	3.4	4.9			
		City Total	34.1	0.0	34.1	0.0	34.1	79.0	78.0	157.0	-	-	157.0	191.1		
	Rural	40. Jelebu	1.9	0.2	2.1	0.0	2.1	0.2	0.1	0.3	-	-	-	-		
		41. Kuala Pilah	1.6	0.1	1.7	0.0	1.7	0.2	0.0	0.2	-	-	-	-		
		55. Rompin/Pekan/ Temerloh	0.4	0.1	0.5	0.0	0.5	0.8	0.2	1.0	-	-	-	-		
58. Bentong		7.5	0.9	8.4	0.0	8.4	0.1	0.0	0.1	-	-	-	-			
59. Kuantan		0.5	0.1	0.6	0.0	0.6	0.1	0.0	0.1	-	-	-	-			
60. Jerantut		11.9	1.4	13.3	0.0	13.3	0.4	0.1	0.5	-	-	-	-			
61. Raub		2.4	0.3	2.7	0.0	2.7	0.2	0.0	0.2	-	-	-	-			
62. Lipis		2.7	0.3	3.0	0.0	3.0	0.3	0.1	0.4	-	-	-	-			
63. Cameron G. Highland		2.1	0.3	2.4	0.0	2.4	0.0	0.0	0.0	-	-	-	-			
	Rural Total	31.0	3.7	34.7	0.0	34.7	2.3	0.5	2.8	3.7	2.9	9.4	44.1			
	Basin Total	65.1	3.7	68.8	0.0	68.8	81.3	78.5	159.8	3.7	2.9	166.4	235.2			

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 92 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 2000 (6/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic				Industrial							Total I	Total D & I
		Public		Total	Private	Manufacturing			Palm		Total			
		Treated	Un-			Public	Private	Total	Oil	Rubber				
31.	City 47. Kuantan	78.4	0.0	78.4	0.0	78.4	36.8	36.8	73.6	-	-	73.6	152.0	
	Rural 59. Kuantan	1.0	0.1	1.1	0.0	1.1	0.1	0.0	0.1	0.3	1.3	1.7	2.8	
	Basin Total	79.4	0.1	79.5	0.0	79.5	36.9	36.8	73.7	0.3	1.3	75.3	154.8	
32.	City 51. Chukai	3.0	0.0	3.0	0.0	3.0	11.7	11.7	23.4	-	-	23.4	26.4	
	Rural 64. Kemaman	2.0	0.9	2.9	0.0	2.9	0.3	0.3	0.6	0.5	0.0	1.1	4.0	
	Basin Total	5.0	0.9	5.9	0.0	5.9	12.0	12.0	24.0	0.5	0.0	24.5	30.4	
33.	Rural 65. Dungun	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.2	0.2	
	Basin Total	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.2	0.2	
34.	City 52. Dungun	8.9	0.0	8.9	0.0	8.9	7.3	7.2	14.5	-	-	14.5	23.4	
	Rural 65. Dungun	0.1	0.0	0.1	0.0	0.1	0.2	0.3	0.5	0.2	0.0	0.7	0.8	
	Basin Total	9.0	0.0	9.0	0.0	9.0	7.5	7.5	15.0	0.2	0.0	15.2	24.2	
35.	Rural 66. Marang	1.2	0.6	1.8	0.0	1.8	0.0	0.1	0.1	-	-	-	-	
	67. Ulu Trengganu	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	-	-	-	-	
	Rural Total	1.3	0.6	1.9	0.0	1.9	0.0	0.1	0.1	0.1	0.0	0.2	2.1	
	Basin Total	1.3	0.6	1.9	0.0	1.9	0.0	0.1	0.1	0.1	0.0	0.2	2.1	
36.	City 132. Ulu Trengganu	1.8	0.0	1.8	0.0	1.8	1.4	1.3	2.7	-	-	2.7	4.5	
	53. Kuala Trengganu	73.4	0.0	73.4	0.0	73.4	39.6	39.5	79.1	-	-	79.1	152.5	
	City Total	75.2	0.0	75.2	0.0	75.2	41.0	40.8	81.8	-	-	81.8	157.0	
	Rural 67. Ulu Trengganu	1.6	0.7	2.3	0.0	2.3	0.4	0.5	0.9	-	-	-	-	
	68. Kuala Trengganu	0.1	0.0	0.1	0.0	0.1	0.1	0.2	0.3	-	-	-	-	
	Rural Total	1.7	0.7	2.4	0.0	2.4	0.5	0.7	1.2	0.2	0.3	1.7	4.1	
	Basin Total	76.9	0.7	77.6	0.0	77.6	41.5	41.5	83.0	0.2	0.3	83.5	161.1	
37.	Rural 69. Besut	1.0	0.5	1.5	0.0	1.5	0.1	0.1	0.2	0.0	0.0	-	-	
	Basin Total	1.0	0.5	1.5	0.0	1.5	0.1	0.1	0.2	0.0	0.0	0.2	1.7	
38.	Rural 69. Besut	1.6	0.7	2.3	0.0	2.3	0.1	0.2	0.3	0.0	0.0	0.3	2.6	
	Basin Total	1.6	0.7	2.3	0.0	2.3	0.1	0.2	0.3	0.0	0.0	0.3	2.6	
39.	City 56. Perinagat	2.4	0.0	2.4	0.0	2.4	2.7	2.7	5.4	-	-	5.4	7.8	
	57. Pangkal Kalong	5.9	0.0	5.9	0.0	5.9	6.7	6.6	13.3	-	-	13.3	19.2	
	134. Kadok	2.3	0.0	2.3	0.0	2.3	2.6	2.6	5.2	-	-	5.2	7.5	
	City Total	10.6	0.0	10.6	0.0	10.6	12.0	11.9	23.9	-	-	23.9	34.5	
	Rural 71. Pasir Puteh	2.1	1.6	3.7	0.0	3.7	0.0	0.0	0.0	-	-	-	-	
	74. Bacjok	2.3	1.4	3.7	0.0	3.7	0.0	0.0	0.0	-	-	-	-	
	75. Kota Bahru	2.1	1.3	3.4	0.0	3.4	0.0	0.0	0.0	-	-	-	-	
	Rural Total	6.5	4.3	10.8	0.0	10.8	0.0	0.0	0.0	0.0	0.1	0.1	10.9	
	Basin Total	17.1	4.3	21.4	0.0	21.4	12.0	11.9	23.9	0.0	0.1	24.0	45.4	

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 93

PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 2000 (7/7)Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial					Total Total		
		Public		Total	Private	D	Manufacturing			Palm		I	D & I	
		Treated	Un- Treated				Public	Private	Total	Oil	Rubber			
40.	City	135. Gua Musang	1.8	0.0	1.8	0.0	1.8	2.1	2.0	4.1	-	-	4.1	5.9
		54. Tanah Merah	1.9	0.0	1.9	0.0	1.9	10.2	10.2	20.4	-	-	20.4	22.3
		55. Kota Bahru	68.1	0.0	68.1	0.0	68.1	52.8	52.8	105.6	-	-	105.6	173.7
		58. Pasir Mas	2.4	0.0	2.4	0.0	2.4	3.5	3.4	6.9	-	-	6.9	9.3
		133. Kuala Krai	1.3	0.0	1.3	0.0	1.3	11.6	11.5	23.1	-	-	23.1	24.4
		City Total	75.5	0.0	75.5	0.0	75.5	80.2	79.9	160.1	-	-	160.1	235.6
	Rural	70. Ulu Kelantan	1.9	1.2	3.1	0.0	3.1	0.2	0.2	0.4	-	-	-	-
		72. Machang	1.9	1.1	3.0	0.0	3.0	0.0	0.0	0.0	-	-	-	-
		73. Tanah Merah	1.2	0.7	1.9	0.0	1.9	0.0	0.0	0.0	-	-	-	-
		75. Kota Bahru	1.0	0.6	1.6	0.0	1.6	0.0	0.0	0.0	-	-	-	-
		76. Pasir Mas	1.0	1.6	2.6	0.0	2.6	0.0	0.0	0.0	-	-	-	-
		77. Tumpat	2.7	1.6	4.3	0.0	4.3	0.0	0.0	0.0	-	-	-	-
		Rural Total	9.7		16.5	0.0	16.5	0.2	0.2	0.4	0.3	0.5	1.2	951.7
		Basin Total	85.2	6.8	92.0	0.0	92.0	80.4	80.1	160.5	0.3	0.5	161.3	253.3
41.	City	136. Pantan Panjang	4.9	0.0	4.9	0.0	4.9	1.4	1.4	2.8	-	-	2.8	7.7
		73. Tanah Merah	0.8	0.5	1.3	0.0	1.3	0.0	0.0	0.0	-	-	-	-
	Rural	76. Pasir Mas	2.2	1.3	3.5	0.0	3.5	0.0	0.0	0.0	-	-	-	-
		Rural Total	3.0	1.8	4.8	0.0	4.8	0.0	0.0	0.0	0.1	0.0	0.1	4.9
	Basin Total	7.9	1.8	9.7	0.0	9.7	1.4	1.4	2.8	0.1	0.0	2.9	12.6	
Total for Peninsular Malaysia		1,714.2	46.0	1,760.2	0.0	1,760.2	1,327.5	1,183.4	2,510.9	16.5	39.8	2,567.2	4,327.4	

Remarks; (1) All the figures are given in terms of source demand  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.



Table 94

PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1985 UNDER  
THE CONDITION OF LOWER ECONOMIC GROWTH (1/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial					Total I D & I	
		Public		Total	Private	D	Manufacturing			Palm Oil	Rubber		
		Treated	Un-Treated				Public	Private	Total				
1.	City 1. Kangar	1.1	0.0	1.1	0.0	1.1	1.3	1.3	2.6	-	-	2.6	3.7
	Rural 1. Perlis	5.3	0.4	5.7	0.3	6.0	0.3	0.1	0.4	0.0	0.0	0.4	6.4
	Basin Total	6.4	0.4	6.8	0.3	7.1	1.6	1.4	3.0	0.0	0.0	3.0	10.1
2.	Rural 2. Pulau Langkawi	0.8	0.2	1.0	0.1	1.1	0.1	0.1	0.2	0.0	0.0	0.2	1.3
	Basin Total	0.8	0.2	1.0	0.1	1.1	0.1	0.1	0.2	0.0	0.0	0.2	1.3
3.	City 101. Jitra	1.5		1.5	0.1	1.6	0.2	0.1	0.3	-	-	0.3	1.9
	2. Alor Satar	5.4		5.4	0.2	5.6	4.9	4.9	9.8	-	-	9.8	15.4
	102. Guar Chempedak	0.7		0.7	0.0	0.7	0.5	0.5	1.0	-	-	1.0	1.7
	103. Yan	0.3		0.3	0.0	0.3	0.4	0.4	0.8	-	-	0.8	1.1
	City Total	7.9	0.0	7.9	0.3	8.2	6.0	5.9	11.9	-	-	11.9	20.1
	Rural 3. Kulang Pasu	3.1	0.8	3.9	0.3	4.2	0.3	0.2	0.5				
	4. Padang Terap	1.3	0.3	1.6	0.1	1.7	0.4	0.3	0.7				
	5. Kota Setar	6.4	1.6	8.0	0.6	8.6	0.2	0.1	0.3				
	6. Pendang	2.1	0.5	2.6	0.2	2.8	0.2	0.1	0.3				
	7. Yan	1.2	0.3	1.5	0.1	1.6	0.1	0.0	0.1				
	Rural Total	14.1	3.5	17.6	1.3	18.9	1.2	0.7	1.9	0.0	0.2	2.1	21.0
	Basin Total	22.0	3.5	25.5	1.6	27.1	7.2	6.6	13.8	0.0	0.2	14.0	41.1
4.	City 3. Sg. Petani	3.7	0.0	3.7	0.1	3.8	3.0	3.0	6.0	-	-	6.0	9.8
	Rural 9. Kuala Muda	2.2	0.6	2.8	0.2	3.0	0.1	0.1	0.2	0.0	1.4	1.6	4.6
	Basin Total	5.9	0.6	6.5	0.3	6.8	3.1	3.1	6.2	0.0	1.4	7.6	14.4
5.	City 104. Tikan Batu	0.3	0.0	0.3	0.0	0.3	0.3	0.3	0.6	-	-	0.6	0.9
	Rural 8. Sik	1.2	0.3	1.5	0.1	1.6	0.4	0.4	0.8				
	9. Kuala Muda	2.0	0.5	2.5	0.2	2.7	0.1	0.1	0.2				
	10. Baling	2.9	0.7	3.6	0.3	3.9	0.4	0.3	0.7				
	11. Kulim	0.9	0.2	1.1	0.1	1.2	0.1	0.1	0.2				
	13. Utara	1.5	0.0	1.5	0.1	1.6	1.3	0.2	1.5				
	Rural Total	8.5	1.7	10.2	0.8	11.0	2.3	1.1	3.4	0.0	1.8	5.2	16.2
	Basin Total	8.8	1.7	10.5	0.8	11.3	2.6	1.4	4.0	0.0	1.8	5.8	17.1
6.	City 4. Kulim	2.4		2.4	0.1	2.5	0.4	0.4	0.8	-	-	0.8	3.3
	5. Butterworth	6.3		6.3	0.2	6.5	11.5	11.4	22.9	-	-	22.9	29.4
	109. Kg. Pmtg Kuching	0.9		0.9	0.0	0.9	1.1	1.0	2.1	-	-	2.1	3.0
	6. Bk. Mertajam	2.2		2.2	0.1	2.3	4.4	4.3	8.7	-	-	8.7	11.0
	110. Perai	0.8		0.8	0.0	0.8	9.3	9.2	18.5	-	-	18.5	19.3
	City Total	12.6	0.0	12.6	0.4	13.0	26.7	26.3	53.0	-	-	53.0	66.0
	Rural 11. Kulim	0.9	0.2	1.1	0.1	1.2	0.2	0.0	0.2				
	13. Utara	3.5	0.0	3.5	0.2	3.7	3.0	0.6	3.6				
	14. Tengah	6.3	0.1	6.4	0.3	6.7	3.9	0.7	4.6				
	15. Selatan	3.2	0.0	3.2	0.2	3.4	4.0	0.8	4.8				
	Rural Total	13.9	0.3	14.2	0.8	15.0	11.1	2.1	13.2	0.1	2.0	15.3	30.3
	Basin Total	26.5	0.3	26.8	1.2	28.0	37.8	28.4	66.2	0.1	2.0	68.3	96.3
7.	City 8. Georgetown	20.7	0.0	20.7	0.0	20.7	6.1	6.0	12.1	-	-	12.1	32.8
	105. Air Itam	3.2	0.0	3.2	0.1	3.3	3.6	3.6	7.2	-	-	7.2	10.5
	106. Tg. Tokong	1.1	0.0	1.1	0.0	1.1	1.3	1.2	2.5	-	-	2.5	3.6
	107. Gelugor	1.2	0.0	1.2	0.0	1.2	0.4	0.3	0.7	-	-	0.7	1.9
	108. Tg. Bunga	0.9	0.0	0.9	0.0	0.9	1.4	1.3	2.7	-	-	2.7	3.6
	City Total	27.1	0.0	27.1	0.1	27.2	12.8	12.4	25.2	-	-	25.2	52.4
	Rural 16. Timur Laut	3.8	0.0	3.8	0.2	4.0	1.9	0.4	2.3				
	17. Barat Daya	3.6	0.0	3.6	0.2	3.8	2.9	0.5	3.4				
	Rural Total	7.4	0.0	7.4	0.4	7.8	4.8	0.9	5.7	0.0	0.8	6.5	14.3
	Basin Total	34.5	0.0	34.5	0.5	35.0	17.6	13.3	30.9	0.0	0.8	31.7	66.7

Remarks: (1) All the figures are given in terms of source demand.

(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 95

PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1985 UNDER  
THE CONDITION OF LOWER ECONOMIC GROWTH (2/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial							
		Public		Total	Private	D	Manufacturing			Palm		Total I	Total D & I	
		Treated	Un-Treated				Public	Private	Total	Oil	Rubber			
8.	Rural	12. Bandar Bahru	0.8	0.2	1.0	0.1	1.1	0.1	0.0	0.1	-	-	-	-
		20. Krian	0.5	0.1	0.6	0.0	0.6	0.1	0.1	0.2	-	-	-	-
		Rural Total	1.3	0.3	1.6	0.1	1.7	0.2	0.1	0.3	0.1	0.5	-	-
		Basin Total	1.3	0.3	1.6	0.1	1.7	0.2	0.1	0.3	0.1	0.5	0.9	2.6
9.	City	112. Bagan Serat	0.7	0.0	0.7	0.0	0.7	1.6	1.5	3.1	-	-	3.1	3.8
		10. Taiping	17.5	0.0	17.5	0.0	17.5	10.8	10.7	21.5	-	-	21.5	39.0
		City Total	18.2	0.0	18.2	0.0	18.2	12.4	12.2	24.6	-	-	24.6	42.8
	Rural	20. Krian	4.6	0.6	5.2	0.2	5.4	1.2	0.5	1.7	-	-	-	-
		21. Larut dan Matang	3.0	0.4	3.4	0.1	3.5	1.8	0.8	2.6	-	-	-	-
		25. Dinding	5.2	0.6	5.8	0.3	6.1	1.5	0.7	2.2	-	-	-	-
		Rural Total	12.8	1.6	14.4	0.6	15.0	4.5	2.0	6.5	0.2	1.4	8.1	23.1
		Basin Total	31.0	1.6	32.6	0.6	33.2	16.9	14.2	31.1	0.2	1.4	32.7	65.9
10.	City	11. Kuala Kangsar	1.0	0.0	1.0	0.0	1.0	1.4	1.3	2.7	-	-	2.7	3.7
		12. Sg. Siput Utara	1.8	0.0	1.8	0.0	1.8	0.4	0.4	0.8	-	-	0.8	2.6
		13. Ipoh	29.6	0.0	29.6	0.0	29.6	12.2	12.1	24.3	-	-	24.3	53.9
		14. Batu Gajah	0.8	0.0	0.8	0.0	0.8	0.0	0.0	0.0	-	-	0.0	0.8
		15. Kampar	1.8	0.0	1.8	0.1	1.9	0.7	0.7	1.4	-	-	1.4	3.3
		111. Baru Mambang	0.8	0.0	0.8	0.0	0.8	0.0	0.0	0.0	-	-	0.0	0.8
		17. Telok Anson	3.8	0.0	3.8	0.2	4.0	3.7	3.7	7.4	-	-	7.4	11.4
		18. Tapah	0.7	0.0	0.7	0.0	0.7	0.8	0.8	1.6	-	-	1.6	2.3
		City Total	40.3	0.0	40.3	0.3	40.6	19.2	19.0	38.2	-	-	38.2	78.8
	Rural	18. Ulu Perak	2.5	0.3	2.8	0.1	2.9	1.8	0.7	2.5	-	-	-	-
		22. Kuala Kangsar	3.5	0.4	3.9	0.2	4.1	3.5	1.5	5.0	-	-	-	-
		23. Kinta	8.5	1.0	9.5	0.4	9.9	2.7	1.1	3.8	-	-	-	-
		24. Perak Tengah	2.5	0.3	2.8	0.1	2.9	2.5	1.0	3.5	-	-	-	-
		26. Hilir Perak	3.8	0.5	4.3	0.2	4.5	1.3	0.6	1.9	-	-	-	-
		27. Batang Padang	2.8	0.3	3.1	0.1	3.2	2.2	1.0	3.2	-	-	-	-
		Rural Total	23.6	2.8	26.4	1.1	27.5	14.0	5.9	19.9	0.5	2.2	22.6	50.1
		Basin Total	63.9	2.8	66.7	1.4	68.1	33.2	24.9	58.1	0.5	2.2	60.8	128.9
11.	Rural	26. Hilir Perak	1.6	0.2	1.8	0.1	1.9	0.6	0.2	0.8	-	-	-	-
		27. Batang Padang	1.9	0.2	2.1	0.1	2.2	1.5	0.6	2.1	-	-	-	-
		28. Sabak Bernam	3.9	0.0	3.9	0.4	4.3	7.4	2.5	9.9	-	-	-	-
		29. Kuala Selangor	0.8	0.0	0.8	0.1	0.9	1.7	0.5	2.2	-	-	-	-
		30. Ulu Selangor	0.2	0.0	0.2	0.0	0.2	0.8	0.2	1.0	-	-	-	-
		Rural Total	8.4	0.4	8.8	0.7	9.5	12.0	4.0	16.0	0.5	0.1	16.6	26.1
		Basin Total	8.4	0.4	8.8	0.7	9.5	12.0	4.0	16.0	0.5	0.1	16.6	26.1
12.	Rural	29. Kuala Selangor	0.9	0.0	0.9	0.1	1.0	1.9	0.6	2.5	0.0	0.0	2.5	3.5
		Basin Total	0.9	0.0	0.9	0.1	1.0	1.9	0.6	2.5	0.0	0.0	2.5	3.5
13.	City	21. Kuala Kubu Baru	0.8	0.0	0.8	0.0	0.8	1.0	1.0	2.0	-	-	2.0	2.8
	Rural	29. Kuala Selangor	1.6	0.0	1.6	0.2	0.8	3.2	1.1	4.3	-	-	-	-
		30. Ulu Selangor	2.6	0.0	2.6	0.3	2.9	12.3	4.1	16.4	-	-	-	-
		31. Gombak	3.8	0.0	3.8	0.4	4.2	2.0	0.7	2.7	-	-	-	-
		Rural Total	8.0	0.0	8.0	0.9	8.9	17.5	5.9	23.4	0.1	0.3	23.8	32.7
		Basin Total	8.8	0.0	8.8	0.9	9.7	18.5	6.9	25.4	0.1	0.3	25.8	35.5
14.	City	114. S. Buloh	0.3	0.0	0.3	0.0	0.3	0.6	0.6	1.2	-	-	1.2	1.5
	Rural	29. Kuala Selangor	1.0	0.0	1.0	0.1	1.1	2.1	0.7	2.8	-	-	-	-
		33. Petaling	0.9	0.0	0.9	0.1	1.0	0.8	0.3	1.1	-	-	-	-
		Rural Total	1.9	0.0	1.9	0.2	2.1	2.9	1.0	3.9	0.3	0.4	4.6	6.7
		Basin Total	2.2	0.0	2.2	0.2	2.4	3.5	1.6	5.1	0.3	0.4	5.8	8.2

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 96

PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1985 UNDER  
THE CONDITION OF LOWER ECONOMIC GROWTH (3/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial					Total Total		
		Public		Total	Private	D	Manufacturing			Palm Oil	Rubber	I	D & I	
		Treated	Un-Treated				Public	Private	Total					
15.	City	22. Kelang	23.3	0.0	23.3	0.0	23.3	21.9	21.8	43.7	-	-	43.7	67.0
		23. Shah Alam	2.9	0.0	2.9	0.1	3.0	3.4	3.4	6.8	-	-	6.8	9.8
		24. Petaling Jaya	28.8	0.0	28.8	0.0	28.8	78.9	78.8	157.7	-	-	157.7	186.5
		25. Bandaraya kl	123.3	0.0	123.3	0.0	123.3	49.2	49.1	98.3	-	-	98.3	221.6
		116. Ampang	1.0	0.0	1.0	0.0	1.0	0.4	0.4	0.8	-	-	0.8	1.8
		117. Serdang Baru	1.3	0.0	1.3	0.1	1.4	1.6	1.6	3.2	-	-	3.2	4.6
		City Total	180.6	0.0	180.6	0.2	180.8	155.4	155.1	310.5	-	-	310.5	491.3
	Rural	31. Gombak	4.9	0.1	5.0	0.5	5.5	2.6	0.9	3.5	-	-	-	-
		32. Kelang	3.3	0.0	3.3	0.3	3.6	4.7	1.6	6.3	-	-	-	-
		33. Petaling	3.3	0.0	3.3	0.3	3.6	2.9	0.9	3.8	-	-	-	-
	34. Federal Territory Ul	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	
	37. Sepang	0.5	0.0	0.5	0.1	0.6	1.4	0.4	1.8	-	-	-	-	
	Rural Total	12.0	0.1	12.1	1.2	13.3	11.6	3.8	15.4	0.2	2.5	18.1	31.4	
	Basin Total	192.6	0.1	192.7	1.4	194.1	167.0	158.9	325.9	0.2	2.5	328.6	522.7	
16.	City	26. Kajang Chua	2.5	0.0	2.5	0.1	2.6	3.0	3.0	6.0	-	-	6.0	8.6
		115. Semenyih	0.8	0.0	0.8	0.0	0.8	1.0	1.0	2.0	-	-	2.0	2.8
		City Total	3.3	0.0	3.3	0.1	3.4	4.0	4.0	8.0	-	-	8.0	11.4
	Rural	35. U. Langat	7.1	0.1	7.2	0.7	7.9	6.3	2.1	8.4	-	-	-	-
		36. Kuala Langat	3.2	0.0	3.2	0.3	3.5	4.8	1.6	6.4	-	-	-	-
		37. Sepang	0.8	0.0	0.8	0.1	0.9	2.1	0.7	2.8	-	-	-	-
		39. Seremban	1.2	0.1	1.3	0.1	1.4	0.2	0.0	0.2	-	-	-	-
		Rural Total	12.3	0.2	12.5	1.2	13.7	13.4	4.4	17.8	0.4	0.8	19.0	32.7
		Basin Total	15.6	0.2	15.8	1.3	17.1	17.4	8.4	25.8	0.4	0.8	27.0	44.1
	17.	City	28. Port Dickson	2.3	0.0	2.3	0.1	2.4	21.8	21.7	43.5	-	-	43.5
Rural		36. Kuala Langat	0.9	0.0	0.9	0.1	1.0	1.3	0.5	1.8	-	-	-	-
		37. Sepang	0.5	0.0	0.5	0.1	0.6	1.3	0.4	1.7	-	-	-	-
		38. Port Dickson	0.8	0.0	0.8	0.1	0.9	0.1	0.0	0.1	-	-	-	-
		39. Seremban	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
		Rural Total	2.2	0.0	2.2	0.3	2.5	2.7	0.9	3.6	0.2	0.2	4.0	6.5
	Basin Total	4.5	0.0	4.5	0.4	4.9	24.5	22.6	47.1	0.2	0.2	47.5	52.4	
18.	City	29. Seremban	15.0	0.0	15.0	0.0	15.0	3.9	3.9	7.8	-	-	7.8	22.8
	Rural	38. Port Dickson	1.3	0.1	1.4	0.1	1.5	0.1	0.1	0.2	-	-	-	-
		39. Seremban	1.2	0.1	1.3	0.1	1.4	0.1	0.1	0.2	-	-	-	-
		42. Pembau	1.3	0.1	1.4	0.1	1.5	0.1	0.1	0.2	-	-	-	-
		44. Utara	2.3	0.1	2.4	0.1	2.5	0.2	0.1	0.3	-	-	-	-
		Rural Total	6.1	0.4	6.5	0.4	6.9	0.5	0.4	0.9	0.2	1.9	3.0	9.9
	Basin Total	21.1	0.4	21.5	0.4	21.9	4.4	4.3	8.7	0.2	1.9	10.8	32.7	
19.	City	119. Tampin	0.8	0.0	0.8	0.0	0.8	0.4	0.3	0.7	-	-	0.7	1.5
		31. Melaka	6.5	0.0	6.5	0.3	6.8	4.8	4.7	9.5	-	-	9.5	16.3
		120. Kelebang	0.7	0.0	0.7	0.0	0.7	0.5	0.5	1.0	-	-	1.0	1.7
		121. Bukit Baru	1.4	0.0	1.4	0.1	1.5	1.0	1.0	2.0	-	-	2.0	3.5
		City Total	9.4	0.0	9.4	0.4	9.8	6.7	6.5	13.2	-	-	13.2	23.0
	Rural	43. Tampin	0.3	0.0	0.3	0.0	0.3	0.1	0.0	0.1	-	-	-	-
		44. Utara	2.4	0.1	2.5	0.1	2.6	0.2	0.1	0.3	-	-	-	-
		45. Tengah	6.2	0.2	6.4	0.3	6.7	0.2	0.0	0.2	-	-	-	-
	46. Selatan	0.9	0.0	0.9	0.0	0.9	0.1	0.0	0.1	-	-	-	-	
	Rural Total	9.8	0.3	10.1	0.4	10.5	0.6	0.1	0.7	0.0	2.6	3.3	13.8	
	Basin Total	19.2	0.3	19.5	0.8	20.3	7.3	6.6	13.9	0.0	2.6	16.5	36.8	
20.	City	33. Tangkak	1.0	0.0	1.0	0.0	1.0	0.1	0.0	0.1	-	-	0.1	1.1
	Rural	16. Selatan	2.7	0.1	2.8	0.1	2.9	8.6	1.8	10.4	-	-	-	-
		48. Muar	0.6	0.0	0.6	0.2	0.8	0.2	0.1	0.3	-	-	-	-
		Rural Total	3.3	0.1	3.4	0.3	3.7	8.8	1.9	10.7	0.0	0.3	11.0	14.7
	Basin Total	4.3	0.1	4.4	0.3	4.7	8.9	1.9	10.8	0.0	0.3	11.1	15.8	

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin,

Table 97

PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1985 UNDER  
THE CONDITION OF LOWER ECONOMIC GROWTH (4/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic				Total D	Industrial			Palm Oil	Rubber	Total		
		Public		Total	Private		Manufacturing					I	D & I	
		Treated	Un-Treated				Public	Private	Total					
21.	City	30. Kuala Pilah	0.9	0.0	0.9	0.0	0.9	0.8	0.7	1.5	-	-	1.5	2.4
		32. Segamat	3.3	0.0	3.3	0.1	3.4	1.5	1.4	2.9	-	-	2.9	6.3
		122. Labis	0.8	0.0	0.8	0.0	0.8	1.4	1.4	2.8	-	-	2.8	3.6
		125. Jementah	0.3	0.0	0.3	0.0	0.3	0.7	0.6	1.3	-	-	1.3	1.6
		34. Muar	4.9	0.0	4.9	0.2	5.1	4.8	4.8	9.6	-	-	9.6	14.7
		145. PT9	0.3	0.0	0.3	0.0	0.3	0.3	0.3	0.6	-	-	0.6	0.9
		City Total	10.5	0.0	10.5	0.3	10.8	9.5	9.2	18.7	-	-	18.7	29.5
	Rural	41. Kuala Pilah	3.2	0.2	3.4	0.2	3.6	0.7	0.2	0.9	-	-	-	-
		43. Tampin	1.6	0.1	1.7	0.1	1.8	0.3	0.1	0.4	-	-	-	-
		47. Segamat	2.0	0.1	2.1	0.5	2.6	1.2	1.1	2.3	-	-	-	-
		48. Muar	5.1	0.2	5.3	1.2	6.5	1.2	1.1	2.3	-	-	-	-
		Rural Total	11.9	0.6	12.5	2.0	14.5	3.4	2.5	5.9	0.3	2.6	8.8	23.3
	Basin Total		22.4	0.6	23.0	2.3	25.3	12.9	11.7	24.6	0.3	2.6	27.5	52.8
22.	City	35. Batu Pahat	5.3	0.0	5.3	0.2	5.5	5.6	5.5	11.1	-	-	11.1	16.6
		123. Yong Peng	0.8	0.0	0.8	0.0	0.8	2.8	2.7	5.5	-	-	5.5	6.3
		City Total	6.1	0.0	6.1	0.2	6.3	8.4	8.2	16.6	-	-	16.6	22.9
	Rural	47. Segamat	0.7	0.0	0.7	0.2	0.9	0.4	0.4	0.8	-	-	-	-
		49. Batu Pahat	5.5	0.2	5.7	1.3	7.0	1.2	1.0	2.2	-	-	-	-
		53. Keluang	0.7	0.0	0.7	0.2	0.9	0.3	0.3	0.6	-	-	-	-
		Rural Total	6.9	0.2	7.1	1.7	8.8	1.9	1.7	3.6	0.3	0.5	4.4	13.2
	Basin Total		13.0	0.2	13.2	1.9	15.1	10.3	9.9	20.2	0.3	0.5	21.0	36.1
23.	City	37. Pontian Kecil	2.2	0.0	2.2	0.1	2.3	3.8	3.7	7.5	-	-	7.5	9.8
		124. Pekan Nanas	0.7	0.0	0.7	0.0	0.7	0.8	0.8	1.6	-	-	1.6	2.3
		38. Kulat	2.2	0.0	2.2	0.1	2.3	8.3	8.2	16.5	-	-	16.5	18.8
		39. Johor Bahru	26.9	0.0	26.9	0.0	26.9	16.6	16.5	33.1	-	-	33.1	60.0
		127. Senai	0.3	0.0	0.3	0.0	0.3	0.7	0.6	1.3	-	-	1.3	1.6
		129. Masai	0.4	0.0	0.4	0.3	0.7	0.8	0.7	1.5	-	-	1.5	2.2
		City Total	32.7	0.0	32.7	0.5	33.2	31.0	30.5	61.5	-	-	61.5	94.7
	Rural	50. Pontian	2.3	0.1	2.4	0.6	3.0	0.6	0.5	1.1	-	-	-	-
		51. Johor Bahru	2.3	0.1	2.4	0.6	3.0	0.7	0.6	1.3	-	-	-	-
		53. Keluang	0.8	0.0	0.8	0.2	1.0	0.3	0.3	0.6	-	-	-	-
		Rural Total	5.4	0.2	5.6	1.4	7.0	1.6	1.4	3.0	0.4	1.6	5.0	12.0
	Basin Total		38.1	0.2	38.3	1.9	40.2	32.6	31.9	64.5	0.4	1.6	66.5	106.7
24.	City	126. Ulu Tiram	0.7	0.0	0.7	0.0	0.7	3.8	3.8	7.6	-	-	7.6	8.3
		40. Kota Tinggi	1.2	0.0	1.2	0.1	1.3	1.9	1.9	3.8	-	-	3.8	5.1
		City Total	1.9	0.0	1.9	0.1	2.0	5.7	5.7	11.4	-	-	11.4	13.4
	Rural	51. Johor Bahru	1.1	0.0	1.1	0.3	1.4	0.3	0.3	0.6	-	-	-	-
		52. Kota Tinggi	1.9	0.1	2.0	0.5	2.5	1.2	1.0	2.2	-	-	-	-
		53. Keluang	0.4	0.0	0.4	0.1	0.5	0.2	0.1	0.3	-	-	-	-
		Rural Total	3.4	0.1	3.5	0.9	4.4	1.7	1.4	3.1	1.2	0.6	4.9	9.3
	Basin Total		5.3	0.1	5.4	1.0	6.4	7.4	7.1	14.5	1.2	0.6	16.3	22.7
25.	Rural	52. Kota Tinggi	1.3	0.1	1.4	0.3	1.7	0.9	0.7	1.6	-	-	-	-
		54. Mersing	0.1	0.0	0.1	0.0	0.1	0.3	0.2	0.5	-	-	-	-
		Rural Total	1.4	0.1	1.5	0.3	1.8	1.2	0.9	2.1	0.0	0.0	2.1	3.9
	Basin Total		1.4	0.1	1.5	0.3	1.8	1.2	0.9	2.1	0.0	0.0	2.1	3.9
26.	City	42. Mersing	1.3	0.0	1.3	0.1	1.4	1.5	1.4	2.9	-	-	2.9	4.3
	Rural	54. Mersing	0.2	0.0	0.2	0.1	0.3	0.5	0.4	0.9	0.0	0.0	0.9	1.2
	Basin Total		1.5	0.0	1.5	0.2	1.7	2.0	1.8	3.8	0.0	0.0	3.8	5.5

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 98

PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1985 UNDER  
THE CONDITION OF LOWER ECONOMIC GROWTH (5/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial						Total D & I	
		Public		Total	Private	D	Manufacturing			Palm		Total I		
		Treated	Un-Treated				Public	Private	Total	Oil	Rubber			
27.	City	41. Keluang	4.1	0.0	4.1	0.2	4.3	6.8	6.8	13.6	-	-	13.6	17.9
		151. PT15	1.2	0.0	1.2	0.0	1.2	0.7	0.7	1.4	-	-	1.4	2.6
		City Total	5.3	0.0	5.3	0.2	5.5	7.5	7.5	15.0	-	-	15.0	20.5
	Rural	53. Keluang	2.2	0.1	2.3	0.5	2.8	0.9	0.8	1.7	-	-	-	-
		54. Mersing	0.4	0.0	0.4	0.1	0.5	0.9	0.8	1.7	-	-	-	-
		55. Rompin/Pekan/ Temerloh	0.2	0.0	0.2	0.0	0.2	0.0	0.0	0.0	-	-	-	-
		Rural Total	2.8	0.1	2.9	0.6	3.5	1.8	1.6	3.4	0.6	0.7	4.7	8.2
		Basin Total	8.1	0.1	8.2	0.8	9.0	9.3	9.1	18.4	0.6	0.7	19.7	28.7
28.	City	C139 PT3	0.2	0.0	0.2	0.0	0.2	0.2	0.1	0.3	-	-	0.3	0.5
		C141 PT5	0.3	0.0	0.3	0.0	0.3	0.3	0.2	0.5	-	-	0.5	0.8
		C142 PT6	1.5	0.0	1.5	0.1	1.6	0.9	0.9	1.8	-	-	1.8	3.4
		C143 PT7	0.3	0.0	0.3	0.0	0.3	0.3	0.2	0.5	-	-	0.5	0.8
		C146 PT10	0.3	0.0	0.3	0.0	0.3	0.4	0.3	0.7	-	-	0.7	1.0
		C147 PT11	0.7	0.0	0.7	0.0	0.7	0.4	0.4	0.8	-	-	0.8	1.5
		C148 PT12	1.5	0.0	1.5	0.1	1.6	0.9	0.8	1.7	-	-	1.7	3.3
		C149 PT13	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.2	-	-	0.2	0.3
		C150 PT14	1.2	0.0	1.2	0.0	1.2	0.8	0.7	1.5	-	-	1.5	2.7
		City Total	6.1	0.0	6.1	0.2	6.3	4.3	3.7	8.0	-	-	8.0	14.3
	Rural	55. Rompin/Pekan/ Temerloh	1.1	0.2	1.3	0.1	1.4	0.1	0.0	0.1	0.4	0.0	0.5	1.9
		Basin Total	7.2	0.2	7.4	0.3	7.7	4.4	3.7	8.1	0.4	0.0	8.5	16.2
29.	City	C140 PT4	0.3	0.0	0.3	0.0	0.3	0.3	0.3	0.6	-	-	0.6	0.9
	Rural	55. Rompin/Pekan/ Temerloh	0.4	0.1	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5
		Basin Total	0.7	0.1	0.8	0.0	0.8	0.3	0.3	0.6	0.0	0.0	0.6	1.4
30.	City	C118 Bahau	0.8	0.0	0.8	0.0	0.8	0.4	0.3	0.7	-	-	0.7	1.5
		C137 PT1	1.7	0.0	1.7	0.1	1.8	1.1	1.0	2.1	-	-	2.1	3.9
		C138 PT2	0.3	0.0	0.3	0.0	0.3	0.3	0.3	0.6	-	-	0.6	0.9
		C144 PT8	0.3	0.0	0.3	0.0	0.3	0.3	0.2	0.5	-	-	0.5	0.8
		C152 PT16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	0.0
		C153 PT17	0.8	0.0	0.8	0.0	0.8	0.5	0.4	0.9	-	-	0.9	1.7
		C154 PT18	0.4	0.0	0.4	0.0	0.4	0.4	0.3	0.7	-	-	0.7	1.1
		C155 PT19	0.2	0.0	0.2	0.0	0.2	0.2	0.2	0.4	-	-	0.4	0.6
		C156 PT20	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	-	-	0.1	0.1
		130. Mantekab	0.8	0.0	0.8	0.0	0.8	1.7	1.7	3.4	-	-	3.4	4.2
		45. Temerloh	1.1	0.0	1.1	0.0	1.1	2.3	2.2	4.5	-	-	4.5	5.6
		131. Teriang	0.7	0.0	0.7	0.0	0.7	0.4	0.4	0.8	-	-	0.8	1.5
		46. Bentong	1.7	0.0	1.7	0.1	1.8	0.4	0.3	0.7	-	-	0.7	2.5
		48. Jerantut	1.4	0.0	1.4	0.0	1.4	2.4	2.4	4.8	-	-	4.8	6.2
		49. Raub	1.9	0.0	1.9	0.1	2.0	1.1	1.0	2.1	-	-	2.1	4.1
		50. Kuala Lipis	0.8	0.0	0.8	0.0	0.8	0.5	0.4	0.9	-	-	0.9	1.7
		City Total	12.9	0.0	12.9	0.3	13.2	12.1	11.1	23.2	-	-	23.2	36.4
	Rural	40. Jelebu	1.5	0.1	1.6	0.1	1.7	0.5	0.2	0.7	-	-	0.7	1.5
		41. Kuala Pilah	1.4	0.1	1.5	0.1	1.6	0.3	0.1	0.4	-	-	0.4	0.9
		55. Rompin/Pekan/ Temerloh	1.9	0.3	2.2	0.1	2.3	0.5	0.3	0.8	-	-	0.8	1.7
		58. Bentong	2.7	0.4	3.1	0.2	3.3	0.1	0.0	0.1	-	-	0.1	0.4
		59. Kuantan	0.3	0.0	0.3	0.0	0.3	0.1	0.0	0.1	-	-	0.1	0.2
		60. Jerantut	4.1	0.6	4.7	0.3	5.0	0.3	0.1	0.4	-	-	0.4	1.0
		61. Raub	1.2	0.2	1.4	0.1	1.5	0.1	0.0	0.1	-	-	0.1	0.3
		62. Lipis	1.3	0.2	1.5	0.1	1.6	0.2	0.1	0.3	-	-	0.3	0.6
		63. Cameron G. Highland	0.8	0.1	0.9	0.1	1.0	0.0	0.0	0.0	-	-	0.0	0.1
		Rural Total	15.2	2.0	17.2	1.1	18.3	2.1	0.8	2.9	3.2	1.4	7.5	25.8
		Basin Total	28.1	2.0	30.1	1.4	31.5	14.2	11.9	26.1	3.2	1.4	30.7	62.2

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 99

PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1985 UNDER  
THE CONDITION OF LOWER ECONOMIC GROWTH (6/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial						Total Total I D & I	
		Public		Total	Private	D	Manufacturing			Palm Oil	Rubber			
		Treated	Un-Treated				Public	Private	Total					
31.	City 47. Kuantan	19.2	0.0	19.2	0.0	19.2	5.1	5.1	10.2	-	-	10.2	29.4	
	Rural 59. Kuantan	0.6	0.1	0.7	0.0	0.7	0.1	0.0	0.1	0.3	0.6	1.0	1.7	
	Basin Total	19.8	0.1	19.9	0.0	19.9	5.2	5.1	10.3	0.3	0.6	11.2	31.1	
32.	City 51. Chukai	1.3	0.0	1.3	0.1	1.4	0.9	0.8	1.7	-	-	1.7	3.1	
	Rural 64. Kemaman	1.0	0.6	1.6	0.0	1.6	0.2	0.3	0.5	0.5	0.0	1.0	2.6	
	Basin Total	2.3	0.6	2.9	0.1	3.0	1.1	1.1	2.2	0.5	0.0	2.7	5.7	
33.	Rural 65. Dungun	0.2	0.1	0.3	0.0	0.3	0.1	0.1	0.2	0.0	0.0	0.2	0.5	
	Basin Total	0.2	0.1	0.3	0.0	0.3	0.1	0.1	0.2	0.0	0.0	0.2	0.5	
34.	City 52. Dungun	2.8	0.0	2.8	0.1	2.9	0.6	0.5	1.1	-	-	1.1	4.0	
	Rural 65. Dungun	0.4	0.2	0.6	0.0	0.6	0.1	0.2	0.3	0.2	0.0	0.5	1.1	
	Basin Total	3.2	0.2	3.4	0.1	3.5	0.7	0.7	1.4	0.2	0.0	1.6	5.1	
35.	Rural 66. Marang	0.5	0.3	0.8	0.0	0.8	0.0	0.1	0.1					
	67. Ulu Trengganu	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
	Rural Total	0.5	0.3	0.8	0.0	0.8	0.0	0.1	0.1	0.1	0.0	0.2	1.0	
	Basin Total	0.5	0.3	0.8	0.0	0.8	0.0	0.1	0.1	0.1	0.0	0.2	1.0	
36.	City 132. Ulu Trengganu	0.3	0.0	0.3	0.0	0.3	0.1	0.1	0.2	-	-	0.2	0.5	
	53. Kuala Trengganu	24.0	0.0	24.0	0.0	24.0	2.9	2.9	5.8	-	-	5.8	29.8	
	City Total	24.3	0.0	24.3	0.0	24.3	3.0	3.0	6.0	-	-	6.0	30.3	
	Rural 67. Ulu Trengganu	0.8	0.4	1.2	0.0	1.2	0.3	0.4	0.7					
	68. Kuala Trengganu	1.1	0.6	1.7	0.0	1.7	0.1	0.1	0.2					
	Rural Total	1.9	1.0	2.9	0.0	2.9	0.4	0.5	0.9	0.2	0.2	1.3	4.2	
	Basin Total	26.2	1.0	27.2	0.0	27.2	3.4	3.5	6.9	0.2	0.2	7.3	34.5	
37.	Rural 69. Besut	0.8	0.4	1.2	0.0	1.2	0.0	0.1	0.1	0.0	0.0	0.1	1.3	
	Basin Total	0.8	0.4	1.2	0.0	1.2	0.0	0.1	0.1	0.0	0.0	0.1	1.3	
38.	Rural 69. Besut	1.3	0.7	2.0	0.1	2.1	0.1	0.1	0.2	0.0	0.0	0.2	2.3	
	Basin Total	1.3	0.7	2.0	0.1	2.1	0.1	0.1	0.2	0.0	0.0	0.2	2.3	
39.	City 56. Perinagat	0.8	0.0	0.8	0.1	0.9	0.3	0.3	0.6	-	-	0.6	1.5	
	57. Pangkal Kalong	1.5	0.0	1.5	0.2	1.7	0.6	0.5	1.1	-	-	1.1	2.8	
	134. Kadok	0.7	0.0	0.7	0.1	0.8	0.3	0.2	0.5	-	-	0.5	1.3	
	City Total	3.0	0.0	3.0	0.4	3.4	1.2	1.0	2.2	-	-	2.2	5.6	
	Rural 71. Pasir Puteh	1.4	1.0	2.4	0.2	2.6	0.0	0.0	0.0					
	74. Bacjok	1.3	0.9	2.2	0.2	2.4	0.0	0.0	0.0					
	75. Kota Bahru	0.5	0.4	0.9	0.1	1.0	0.0	0.0	0.0					
	Rural Total	3.2	2.3	5.5	0.5	6.0	0.0	0.0	0.0	0.0	0.1	0.1	6.1	
	Basin Total	6.2	2.3	8.5	0.9	9.4	1.2	1.0	2.2	0.0	0.1	2.3	11.7	

Remarks: (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 100 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1985 UNDER  
THE CONDITION OF LOWER ECONOMIC GROWTH (7/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial						Total Total	
		Public		Total	Private	D	Manufacturing			Palm		I	D & I	
		Treated	Un-Treated				Public	Private	Total	Oil	Rubber			
40.	City	135. Gua Musang	0.3	0.0	0.3	0.1	0.4	0.2	0.1	0.3	-	-	0.3	0.7
		54. Tanah Merah	0.6	0.0	0.6	0.1	0.7	0.8	0.7	1.5	-	-	1.5	2.2
		55. Kota Bharu	18.5	0.0	18.5	0.7	19.2	3.8	3.8	7.6	-	-	7.6	26.8
		58. Pasir Mas	0.8	0.0	0.8	0.1	0.9	0.3	0.2	0.5	-	-	0.5	1.4
		133. Kuala Krai	1.0	0.0	1.0	0.1	1.1	0.9	0.8	1.7	-	-	1.7	2.8
		City Total	21.2	0.0	21.2	1.1	22.3	6.0	5.6	11.6	-	-	11.6	33.9
	Rural	70. Ulu Kelantan	1.1	0.8	1.9	0.2	2.1	0.1	0.3	0.4	-	-	-	-
		72. Machang	1.0	0.7	1.7	0.1	1.8	0.0	0.0	0.0	-	-	-	-
		73. Tanah Merah	0.8	0.5	1.3	0.1	1.4	0.0	0.0	0.0	-	-	-	-
		75. Kota Bharu	0.3	0.2	0.5	0.0	0.5	0.0	0.0	0.0	-	-	-	-
76. Pasir Mas		0.6	0.4	1.0	0.1	1.1	0.0	0.0	0.0	-	-	-	-	
	77. Tumpat	1.5	1.1	2.6	0.2	2.8	0.0	0.0	0.0	0.1	0.3	0.8	10.5	
	Rural Total	5.3	3.7	9.0	0.7	9.7	0.1	0.3	0.4	0.1	0.3	0.8	10.5	
	Basin Total	26.5	3.7	30.2	1.8	32.0	6.1	5.9	12.0	0.1	0.3	12.4	44.4	
41.	Rural	73. Tanah Merah	0.4	0.9	1.3	0.1	1.4	0.0	0.0	0.0	-	-	-	-
		76. Pasir Mas	0.9	2.1	3.0	0.2	3.2	0.0	0.0	0.0	-	-	-	-
		Rural Total	1.3	3.0	4.3	0.3	4.6	0.0	0.0	0.0	0.1	0.0	0.1	4.7
	Basin Total	1.3	3.0	4.3	0.3	4.6	0.0	0.0	0.0	0.1	0.0	0.1	4.7	
Total for Peninsular Malaysia		692.8	28.9	721.7	26.8	748.5	498.2	415.3	913.5	10.7	28.0	952.2	1700.7	

Remarks: (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 101 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1990 UNDER  
THE CONDITION OF LOWER ECONOMIC GROWTH (1/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic				Total D	Industrial				Palm Oil	Rubber	Total Total	
		Public Treated	Un-Treated	Total	Private		Manufacturing			I			D & I	
							Public	Private	Total					
1.	City 1. Kangar	1.4	0.0	1.4	0.0	1.4	2.0	1.9	3.9	-	-	3.9	5.3	
	Rural 1. Perlis	6.8	0.7	7.5	0.2	7.7	0.2	0.1	0.3	0.0	0.0	0.3	8.0	
	Basin Total	8.2	0.7	8.9	0.2	9.1	2.2	2.0	4.2	0.0	0.0	4.2	13.3	
2.	Rural 2. Pulau Langkawi	1.2	0.3	1.5	0.0	1.5	0.1	0.1	0.2	0.0	0.0	0.2	1.7	
	Basin Total	1.2	0.3	1.5	0.0	1.5	0.1	0.1	0.2	0.0	0.0	0.2	1.7	
3.	City 101. Jitra	2.1	0.0	2.1	0.0	2.1	0.2	0.2	0.4	-	-	0.4	2.5	
	2. Alor Setar	6.4	0.0	6.4	0.1	6.5	6.2	6.1	12.3	-	-	12.3	18.8	
	102. Guar Chempedak	0.9	0.0	0.9	0.0	0.9	0.7	0.6	1.3	-	-	1.3	2.2	
	103. Yan	0.5	0.0	0.5	0.0	0.5	0.6	0.5	1.1	-	-	1.1	1.6	
	City Total	9.9	0.0	9.9	0.1	10.0	7.7	7.4	15.1	-	-	15.1	25.1	
	Rural 3. Kulang Pasu	4.3	1.1	5.4	0.1	5.5	0.2	0.1	0.3	-	-	-	-	
	4. Padang Terap	1.9	0.5	2.4	0.1	2.5	0.2	0.2	0.4	-	-	-	-	
	5. Kota Setar	9.4	2.4	11.8	0.2	12.0	0.1	0.1	0.2	-	-	-	-	
	6. Pendang	3.0	0.8	3.8	0.1	3.9	0.1	0.1	0.2	-	-	-	-	
	7. Yan	1.7	0.4	2.1	0.0	2.1	0.1	0.0	0.1	-	-	-	-	
	Rural Total	20.3	5.2	25.5	0.5	26.0	0.7	0.5	1.2	0.0	0.2	1.4	27.4	
	Basin Total	30.2	5.2	35.4	0.6	36.0	8.4	7.9	16.3	0.0	0.2	16.5	52.5	
	4.	City 3. Sg. Petani	4.7	0.0	4.7	6.1	10.8	3.9	3.9	7.8	-	-	7.8	18.6
Rural 9. Kuala Muda		3.2	0.8	4.0	0.1	4.1	0.1	0.1	0.2	0.0	1.5	1.7	5.8	
Basin Total		7.9	0.8	8.7	6.2	14.9	4.0	4.0	8.0	0.0	1.5	9.5	24.4	
5.	City 104. Tikan Batu	0.4	0.0	0.4	0.0	0.4	0.5	0.4	0.9	-	-	0.9	1.3	
	Rural 8. Sik	1.7	0.4	2.1	0.0	2.1	0.3	0.2	0.5	-	-	-	-	
	9. Kuala Muda	2.8	0.7	3.5	0.1	3.6	0.1	0.0	0.1	-	-	-	-	
	10. Baling	4.0	1.0	5.0	0.1	5.1	0.3	0.2	0.5	-	-	-	-	
	11. Kulim	1.2	0.3	1.5	0.0	1.5	0.1	0.0	0.1	-	-	-	-	
	13. Utara	2.0	0.0	2.0	0.1	2.1	1.3	0.2	1.5	-	-	-	-	
	Rural Total	11.7	2.4	14.1	0.3	14.4	2.1	0.6	2.7	0.0	2.0	4.7	19.1	
	Basin Total	12.1	2.4	14.5	0.3	14.8	2.6	1.0	3.6	0.0	2.0	5.6	20.4	
6.	City 4. Kulim	3.0	0.0	3.0	0.1	3.1	0.5	0.5	1.0	-	-	1.0	4.1	
	5. Butterworth	7.8	0.0	7.8	0.2	8.0	16.2	16.1	32.3	-	-	32.3	40.3	
	109. Kg. Pmtg Kuching	1.2	0.0	1.2	0.0	1.2	1.7	1.6	3.3	-	-	3.3	4.5	
	6. Bk. Mertajam	2.5	0.0	2.5	0.1	2.6	6.2	6.1	12.3	-	-	12.3	14.9	
	110. Perai	1.0	0.0	1.0	0.0	1.0	13.2	13.1	26.3	-	-	26.3	27.3	
	City Total	15.5	0.0	15.5	0.4	15.9	37.8	37.4	75.2	-	-	75.2	91.1	
	Rural 11. Kulim	1.2	0.3	1.5	0.0	1.5	0.1	0.0	0.1	-	-	-	-	
	13. Utara	4.6	0.1	4.7	0.1	4.8	2.2	0.3	2.5	-	-	-	-	
14. Tengah	9.1	0.1	9.2	0.3	9.5	3.9	0.5	4.4	-	-	-	-		
15. Selatan	4.2	0.1	4.3	0.1	4.4	3.4	0.7	4.6	-	-	-	-		
Rural Total	19.1	0.6	19.7	0.5	20.2	10.1	1.5	11.6	0.1	2.1	14.8	35.0		
Basin Total	34.6	0.6	35.2	0.9	36.1	47.9	38.9	86.8	0.1	2.1	89.0	125.2		
7.	City 8. Georgetown	21.9	0.0	21.9	0.0	21.9	8.7	8.6	17.3	-	-	17.3	39.2	
	105. Air Itam	4.1	0.0	4.1	0.1	4.2	5.7	5.6	11.3	-	-	11.3	15.5	
	106. Tg. Tokong	1.4	0.0	1.4	0.0	1.4	1.9	1.9	3.8	-	-	3.8	5.2	
	107. Celugor	1.5	0.0	1.5	0.0	1.5	0.6	0.5	1.1	-	-	1.1	2.6	
	108. Tg. Bunga	1.1	0.0	1.1	0.0	1.1	1.6	1.6	3.2	-	-	3.2	4.3	
	City Total	30.0	0.0	30.0	0.1	30.1	18.5	18.2	36.7	-	-	36.7	66.8	
	Rural 16. Timur Laut	5.5	0.1	5.6	0.2	5.8	2.1	0.2	2.3	-	-	-	-	
	17. Barat Daya	5.0	0.1	5.1	0.2	5.3	2.8	0.4	3.2	-	-	-	-	
Rural Total	10.5	0.2	10.7	0.4	11.1	4.9	0.6	5.5	0.0	0.9	6.4	17.5		
Basin Total	40.5	0.2	40.7	0.5	41.2	23.4	18.8	42.2	0.0	0.9	43.1	84.3		

Remarks: (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.



Table 102 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND BY PURPOSE BY TYPE OF SUPPLY FOR 1990 UNDER THE CONDITION OF LOWER ECONOMIC GROWTH (2/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial					Total Total I D & I				
		Public		Total	Private	Total D	Manufacturing			Palm Oil	Rubber					
		Treated	Un-Treated				Public	Private	Total							
8.	Rural	12. Bandar Bahru	1.1	0.3	1.4	0.0	1.4	0.1	0.0	0.1						
		20. Krian	0.6	0.1	0.7	0.0	0.7	0.1	0.1	0.2						
		Rural Total	1.7	0.4	2.1	0.0	2.1	0.2	0.1	0.3	0.1	0.6	1.0	3.1		
		Basin Total	1.7	0.4	2.1	0.0	2.1	0.2	0.1	0.3	0.1	0.6	1.0	3.1		
9.	City	112. Bagan Serai	0.9	0.0	0.9	0.0	0.9	2.3	2.3	4.6	-	-	4.6	5.5		
		10. Taiping	21.8	0.0	21.8	0.0	21.8	15.9	15.9	31.8	-	-	31.8	53.6		
		City Total	22.7	0.0	22.7	0.0	22.7	18.2	18.2	36.4	-	-	36.4	59.1		
	Rural	20. Krian	6.0	0.7	6.7	0.1	6.8	2.0	0.6	2.6						
		21. Larut dan Matang	3.5	0.4	3.9	0.1	4.0	3.0	0.9	3.9						
		25. Dinding	6.9	0.8	7.7	0.1	7.8	2.4	0.8	3.2						
		Rural Total	16.4	1.9	18.3	0.3	18.6	0.4	2.3	9.6	0.3	1.6	11.5	30.1		
		Basin Total	39.1	1.9	41.0	0.3	41.3	25.6	20.4	46.0	0.3	1.6	47.9	89.2		
10.	City	11. Kuala Kangsar	1.2	0.0	1.2	0.0	1.2	2.1	2.0	4.1	-	-	4.1	5.3		
		12. Sg.Siput Utara	2.2	0.0	2.2	0.0	2.2	0.6	0.5	1.1	-	-	1.1	3.3		
		13. Ipoh	33.4	0.0	33.4	0.0	33.4	18.0	18.0	36.0	-	-	36.0	69.4		
		14. Batu Gajah	0.9	0.0	0.9	0.0	0.9	0.0	0.0	0.0	-	-	0.0	0.9		
		15. Kampar	2.0	0.0	2.0	0.0	2.0	1.1	1.0	2.1	-	-	2.1	4.1		
		111. Baru Mambang	0.9	0.0	0.9	0.0	0.9	0.0	0.0	0.0	-	-	0.0	0.9		
		17. Telok Anson	4.5	0.0	4.5	0.1	4.6	5.5	5.4	10.9	-	-	10.9	15.5		
		18. Tapah	0.8	0.0	0.8	0.0	0.8	1.2	1.2	2.4	-	-	2.4	3.2		
		City Total	45.9	0.0	45.9	0.1	46.0	28.5	28.1	56.6	-	-	56.6	102.6		
	Rural	18. Ulu Perak	3.4	0.4	3.8	0.1	3.9	2.8	0.9	3.7						
		22. Kuala Kangsar	4.6	0.6	5.2	0.1	5.3	5.6	1.8	7.4						
		23. Kinta	11.6	1.4	13.0	0.2	13.4	4.3	1.4	5.7						
		24. Perak Tengah	3.2	0.4	3.6	0.1	3.7	4.0	1.2	5.2						
		26. Hilir Perak	5.1	0.6	5.7	0.1	5.8	2.0	0.7	2.7						
		27. Batang Padang	3.8	0.5	4.3	0.1	4.4	3.6	1.2	4.8						
		Rural Total	31.7	3.9	35.6	0.7	36.5	22.3	7.2	29.5	0.6	2.3	32.4	68.9		
		Basin Total	77.6	3.9	81.5	0.8	82.5	50.8	35.3	86.1	0.6	2.3	89.0	171.5		
11.	Rural	26. Hilir Perak	2.2	0.3	2.5	0.0	2.5	0.9	0.3	1.2						
		27. Batang Padang	2.5	0.3	2.8	0.0	2.8	2.5	0.7	3.2						
		28. Sabak Bernam	5.3	0.0	5.3	0.3	5.6	5.9	1.1	7.0						
		29. Kuala Selangor	1.1	0.0	1.1	0.1	1.2	1.3	0.3	1.6						
		30. Ulu Selangor	0.2	0.0	0.2	0.0	0.2	0.6	0.1	0.7						
		Rural Total	11.3	0.6	11.9	0.4	12.3	11.2	2.5	13.7	0.6	0.1	14.4	26.7		
		Basin Total	11.3	0.6	11.9	0.4	12.3	11.2	2.5	13.7	0.6	0.1	14.4	26.7		
12.	Rural	29. Kuala Selangor	1.2	0.0	1.2	0.1	1.3	1.4	0.3	1.7	0.0	0.0	1.7	3.0		
		Basin Total	1.2	0.0	1.2	0.1	1.3	1.4	0.3	1.7	0.0	0.0	1.7	3.0		
13.	City	21. Kuala Kubu Baru	1.0	0.0	1.0	0.0	1.0	1.1	1.0	2.1	-	-	2.1	3.1		
	Rural	29. Kuala Selangor	2.1	0.0	2.1	0.1	2.2	2.5	0.5	3.0						
		30. Ulu Selangor	3.6	0.0	3.6	0.2	3.8	9.7	1.8	11.5						
		31. Gombak	6.9	0.1	7.0	0.3	7.3	1.6	0.3	1.9						
		Rural Total	12.6	0.1	12.7	0.6	13.3	13.8	2.6	16.4	0.1	0.3	16.8	30.1		
		Basin Total	13.6	0.1	13.7	0.6	14.3	14.9	3.6	18.5	0.1	0.3	18.9	33.2		
14.	City	114. S. Buloh	0.5	0.0	0.5	0.0	0.5	0.7	0.6	1.3	-	-	1.3	1.8		
	Rural	29. Kuala Selangor	1.4	0.0	1.4	0.1	1.5	1.8	0.2	2.0						
		33. Petaling	1.3	0.0	1.3	0.1	1.4	0.7	0.1	0.8						
		Rural Total	2.7	0.0	2.7	0.2	2.9	2.5	0.3	2.8	0.3	0.4	3.5	6.4		
		Basin Total	3.2	0.0	3.2	0.2	3.4	3.2	0.9	4.1	0.3	0.4	4.8	8.2		

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 103. PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1990 UNDER  
THE CONDITION OF LOWER ECONOMIC GROWTH (3/7)

Units: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic				Industrial						Total Total I D & I		
		Public		Total	Private	Manufacturing			Palm					
		Treated	Un-Treated			Public	Private	Total	Oil	Rubber				
15.	City	22. Kelang	31.8	0.0	31.8	0.0	31.8	25.3	25.2	50.5	-	-	50.5	82.3
		23. Shah Alam	5.0	0.0	5.0	0.1	5.1	4.9	4.9	9.8	-	-	9.8	14.9
		24. Petaling Jaya	42.9	0.0	42.9	0.0	42.9	91.2	91.2	182.4	-	-	182.4	225.3
		25. Bandaraya kl	151.6	0.0	151.6	0.0	151.6	57.0	56.9	113.9	-	-	113.9	265.5
		116. Ampang	1.1	0.0	1.1	0.0	1.1	0.5	0.4	0.9	-	-	0.9	2.0
		117. Serdang Baru	1.6	0.0	1.6	0.0	1.6	1.7	1.7	3.4	-	-	3.4	5.0
		City Total	234.0	0.0	234.0	0.1	234.1	180.6	180.3	360.9	-	-	360.9	595.0
	Rural	31. Gombak	8.8	0.1	8.9	0.4	9.3	2.0	0.4	2.4	-	-	2.4	4.4
		32. Kelang	4.6	0.0	4.6	0.2	4.8	3.7	0.7	4.4	-	-	4.4	4.4
		33. Petaling	4.7	0.0	4.7	0.2	4.9	2.3	0.4	2.7	-	-	2.7	2.7
		34. Federal Territory UI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	0.0
		37. Sepang	0.8	0.0	0.8	0.0	0.8	1.1	0.2	1.3	-	-	1.3	1.3
		Rural Total	18.9	0.1	19.0	0.8	19.8	9.1	1.7	10.8	0.2	2.6	13.6	33.4
	Basin Total	252.9	0.1	253.0	0.9	253.9	189.7	182.0	371.7	0.2	2.6	374.5	628.4	
	16.	City	26. Kajang Chua	3.2		3.2	0.1	3.3	3.2	3.2	6.4	-	-	6.4
115. Semenyih			0.9		0.9	0.0	0.9	0.9	0.8	1.7	-	-	1.7	2.6
City Total			4.1	0.0	4.1	0.1	4.2	4.1	4.0	8.1	-	-	8.1	12.3
Rural		35. U. Langat	12.2	0.1	12.3	0.6	12.9	5.0	0.9	5.9	-	-	5.9	5.9
		36. Kuala Langat	4.6	0.0	4.6	0.2	4.8	3.9	0.6	4.5	-	-	4.5	4.5
		37. Sepang	1.2	0.0	1.2	0.1	1.3	1.6	0.3	1.9	-	-	1.9	1.9
		39. Seremban	1.4	0.1	1.5	0.1	1.6	1.1	1.1	0.2	-	-	1.1	1.1
		Rural Total	19.4	0.2	19.6	1.0	20.6	11.6	0.9	12.5	0.4	0.8	13.7	34.3
Basin Total		23.5	0.2	23.7	1.1	24.8	14.7	5.9	20.6	0.4	0.8	21.8	46.6	
17.		City	28. Port Dickson	3.3	0.0	3.3	0.1	3.4	25.6	25.6	51.2	-	-	51.2
	Rural		36. Kuala Langat	1.3	0.0	1.3	0.1	1.4	1.0	0.3	1.3	-	-	1.3
	37. Sepang	0.7	0.0	0.7	0.0	0.7	1.0	0.2	1.2	-	-	1.2	1.2	
	38. Port Dickson	1.0	0.1	1.1	0.0	1.1	0.1	0.0	0.1	-	-	0.1	0.1	
	39. Seremban	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	-	-	0.0	0.0	
	Rural Total	3.1	0.1	3.2	0.1	3.3	2.1	0.5	2.6	0.2	0.2	3.0	6.3	
	Basin Total	6.4	0.1	6.5	0.2	6.7	27.7	26.1	53.8	0.2	0.2	54.2	60.9	
18.	City	29. Seremban	18.5	0.0	18.5	0.0	18.5	4.6	4.5	9.1	-	-	9.1	27.6
		Rural	38. Port Dickson	1.6	0.1	1.7	0.1	1.8	0.1	0.0	0.1	-	-	0.1
	39. Seremban	1.4	0.1	1.5	0.1	1.6	0.1	0.0	0.1	-	-	0.1	0.1	
	42. Pembau	1.6	0.1	1.7	0.1	1.8	0.1	0.0	0.1	-	-	0.1	0.1	
	44. Utara	2.9	0.1	3.0	0.0	3.0	0.2	0.0	0.2	-	-	0.2	0.2	
	Rural Total	7.5	0.4	7.9	0.3	8.2	0.5	0.0	0.5	0.3	2.0	2.8	11.0	
	Basin Total	26.0	0.4	26.4	0.3	26.7	5.1	4.5	9.6	0.3	2.0	11.9	38.6	
	19.	City	119. Tampin	0.9		0.9	0.0	0.9	0.5	0.4	0.9	-	-	0.9
31. Melaka			7.4		7.4	0.2	7.6	6.8	6.8	13.6	-	-	13.6	21.2
120. Kelebang			0.8		0.8	0.0	0.8	0.8	0.7	1.5	-	-	1.5	2.3
121. Bukit Baru			1.7		1.7	0.0	1.7	1.6	1.5	3.1	-	-	3.1	4.8
City Total			10.8	0.0	10.8	0.2	11.0	9.7	9.4	19.1	-	-	19.1	30.1
Rural		43. Tampin	0.4	0.0	0.4	0.0	0.4	0.1	0.0	0.1	-	-	0.1	0.1
		44. Utara	3.0	0.1	3.1	0.0	3.1	0.2	0.0	0.2	-	-	0.2	0.2
		45. Tengah	8.7	0.4	9.1	0.1	9.2	0.2	0.0	0.2	-	-	0.2	0.2
		46. Selatan	1.2	0.0	1.2	0.0	1.2	0.1	0.0	0.1	-	-	0.1	0.1
		Rural Total	13.3	0.5	13.8	0.1	13.9	0.6	0.0	0.6	0.0	2.7	3.3	17.2
Basin Total		24.1	0.5	24.6	0.3	24.9	10.3	9.4	19.7	0.0	2.7	22.4	47.3	
20.		City	33. Tangkak	1.2	0.0	1.2	0.0	1.2	0.1	0.1	0.2	-	-	0.2
	Rural		16. Selatun	3.5	0.1	3.6	0.1	3.7	0.3	0.1	0.4	-	-	0.4
	48. Muar	1.1	0.0	1.1	0.1	1.2	0.1	0.1	0.2	-	-	0.2	0.2	
	Rural Total	4.6	0.1	4.7	0.2	4.9	0.4	0.2	0.6	0.0	0.3	0.9	5.8	
Basin Total	5.8	0.1	5.9	0.2	6.1	0.5	0.3	0.8	0.0	0.3	1.1	7.2		

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 104 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND BY PURPOSE BY TYPE OF SUPPLY FOR 1990 UNDER THE CONDITION OF LOWER ECONOMIC GROWTH (4/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial					Total I	Total D & I	
		Public		Total	Private	Total D	Manufacturing			Palm Oil	Rubber			
		Treated	Un-Treated				Public	Private	Total					
21.	City	30. Kuala Pilah	1.0		1.0	0.0	1.0	0.9	9.9	1.8	-	-	1.8	2.8
		32. Segamat	4.9		4.9	0.1	5.0	2.0	2.0	4.0	-	-	4.0	9.0
		122. Labis	1.0		1.0	0.0	1.0	1.7	1.7	3.4	-	-	3.4	4.4
		125. Jementah	0.5		0.5	0.0	0.5	0.8	0.7	1.5	-	-	1.5	2.0
		34. Muar	5.8		5.8	0.1	5.9	5.7	5.7	11.4	-	-	11.4	17.3
		145. PT9	0.4		0.4	0.0	0.4	0.0	0.0	0.0	-	-	0.0	0.4
		City Total	13.6	0.0	13.6	0.2	13.8	11.1	11.0	22.1	-	-	22.1	35.9
	Rural	41. Kuala Pilah	4.3	0.3	4.6	0.2	4.8	0.5	0.1	0.6	-	-	-	-
		43. Tampin	2.2	0.2	2.4	0.1	2.5	0.2	0.1	0.3	-	-	-	-
		47. Segamat	3.4	0.1	3.5	0.3	3.8	1.3	0.4	1.7	-	-	-	-
		48. Muar	8.5	0.2	8.7	0.7	9.4	1.3	0.4	1.7	-	-	-	-
		Rural Total	18.4	0.8	19.2	1.3	20.5	3.3	1.0	4.3	0.4	2.8	7.5	28.0
	Basin Total		32.0	0.8	32.8	1.5	34.3	14.4	12.0	26.4	0.4	2.8	29.6	63.9
22.	City	35. Batu Pahat	6.6		6.6	0.2	6.8	6.7	6.6	13.3	-	-	13.3	20.1
		123. Yong Peng	0.9		0.9	0.0	0.9	3.3	3.3	6.6	-	-	6.6	7.5
		City Total	7.5	0.0	7.5	0.2	7.7	10.0	9.9	19.9	-	-	19.9	27.6
	Rural	47. Segamat	1.3	0.0	1.3	0.1	1.4	0.4	0.2	0.6	-	-	-	-
		49. Batu Pahat	9.4	0.2	9.6	0.8	10.4	1.2	0.4	1.6	-	-	-	-
		53. Keluang	1.4	0.0	1.4	0.0	1.5	0.3	0.1	0.4	-	-	-	-
		Rural Total	12.1	0.2	12.3	0.9	13.3	1.9	0.7	2.6	0.3	0.6	3.5	16.8
	Basin Total		19.6	0.2	19.8	1.1	21.0	11.9	10.6	22.5	0.3	0.6	23.4	44.4
23.	City	37. Pontian Kechil	3.3		3.3	0.1	3.4	4.5	4.5	9.1	-	-	9.1	12.5
		124. Pekan Nanas	0.8		0.8	0.0	0.8	0.9	0.8	1.7	-	-	1.7	2.5
		38. Kulat	3.2		3.2	0.1	3.3	9.9	9.8	19.7	-	-	19.7	23.0
		39. Johor Bahru	35.7		35.7	0.0	35.7	19.8	19.8	39.6	-	-	39.6	75.3
		127. Senai	0.8		0.8	0.0	0.8	0.9	0.8	1.7	-	-	1.7	2.5
		129. Masai	1.0		1.0	0.0	1.0	1.0	1.0	2.0	-	-	2.0	3.0
		City Total	44.8	0.0	44.8	0.2	45.0	37.1	36.7	73.8	-	-	73.8	118.8
	Rural	50. Pontian	3.8	0.1	3.9	0.3	4.2	0.6	0.2	0.8	-	-	-	-
		51. Johor Bahru	4.0	0.1	4.1	0.3	4.4	0.7	0.3	1.0	-	-	-	-
		53. Keluang	1.5	0.0	1.5	0.0	1.6	0.4	0.1	0.5	-	-	-	-
		Rural Total	9.3	0.2	9.5	0.6	10.2	1.7	0.6	2.3	0.4	1.7	4.4	14.6
	Basin Total		54.1	0.2	54.3	0.8	55.2	38.8	37.3	76.1	0.4	1.7	78.2	133.4
24.	City	126. Ulu Tiram	1.0		1.0	0.0	1.0	4.6	4.5	9.1	-	-	9.1	10.1
		40. Kota Tinggi	1.7		1.7	0.0	1.7	2.3	2.2	4.5	-	-	4.5	6.2
		City Total	2.7	0.0	2.7	0.0	2.7	6.9	6.7	13.6	-	-	13.6	16.3
	Rural	51. Johor Bahru	1.9	0.0	1.9	0.2	2.1	0.4	0.1	0.5	-	-	-	-
		52. Kota Tinggi	3.7	0.1	3.8	0.3	4.1	1.3	0.4	1.7	-	-	-	-
		53. Keluang	0.8	0.0	0.8	0.0	0.9	0.1	0.1	0.2	-	-	-	-
		Rural Total	6.4	0.1	6.5	0.5	7.1	1.0	0.6	2.4	1.2	0.6	4.2	11.3
	Basin Total		9.1	0.1	9.2	0.5	9.8	8.7	7.3	16.0	1.2	0.6	17.8	27.6
25.	Rural	52. Kota Tinggi	2.6	0.1	2.7	0.2	2.9	0.8	0.4	1.2	-	-	-	-
		54. Mersing	0.2	0.0	0.2	0.0	0.2	0.3	0.1	0.4	-	-	-	-
		Rural Total	2.8	0.1	2.9	0.2	3.1	1.1	0.5	1.6	-	-	-	-
	Basin Total		2.8	0.1	2.9	0.2	3.1	1.1	0.5	1.6	0.0	0.0	1.6	4.7
26.	City	42. Mersing	1.9	0.0	1.9	0.0	1.9	2.0	1.9	3.9	-	-	3.9	5.8
	Rural	54. Mersing	0.4	0.0	0.4	0.0	0.4	0.5	0.2	0.7	0.0	0.0	0.7	1.1
	Basin Total		2.3	0.0	2.3	0.0	2.3	2.5	2.1	4.6	0.0	0.0	4.6	6.9

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 105 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1990 UNDER  
THE CONDITION OF LOWER ECONOMIC GROWTH (5/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic				Industrial						Total I	Total D & I	
		Public		Total	Private	Manufacturing			Palm		Total			
		Treated	Un-Treated			Public	Private	Total	Oil	Rubber				
27.	City	41. Keluang	5.0		5.0	0.1	5.1	8.2	8.1	16.3	-	-	16.3	21.4
		151. PT15	1.7		1.7	0.0	1.7	1.1	1.0	2.1	-	-	2.1	3.8
		City Total	6.7	0.0	6.7	0.1	6.8	9.3	9.1	18.4	-	-	18.4	25.2
	Rural	53. Keluang	4.2	0.1	4.3	0.1	4.6	1.0	0.3	1.3				
		54. Mersing	0.7	0.0	0.7	0.1	0.8	1.0	0.3	1.3				
		55. Rompin/Pekan/ Temerloh	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0				
		Rural Total	5.0	0.1	5.1	0.2	5.5	2.0	0.6	2.6	0.6	0.7	3.9	9.4
		Basin Total	11.7	0.1	11.8	0.3	12.3	11.3	9.7	21.0	0.6	0.7	22.3	34.6
28.	City	C139 PT3	0.4		0.4	0.0	0.4	0.0	0.0	0.0	-	-	0.0	0.4
		C141 PT5	1.0		1.0	0.0	1.0	0.0	0.0	0.0	-	-	0.0	1.0
		C142 PT6	2.4		2.4	0.1	2.5	0.0	0.0	0.0	-	-	0.0	2.5
		C143 PT7	0.4		0.4	0.0	0.4	0.0	0.0	0.0	-	-	0.0	0.4
		C146 PT10	0.5		0.5	0.0	0.5	0.0	0.0	0.0	-	-	0.0	0.5
		C147 PT11	1.0		1.0	0.0	1.0	0.6	0.6	1.2	-	-	1.2	2.2
		C148 PT12	1.8		1.8	0.0	1.8	1.2	1.1	2.3	-	-	2.3	4.1
		C149 PT13	0.4		0.4	0.0	0.4	0.4	0.3	0.7	-	-	0.7	1.1
		C150 PT14	1.8		1.8	0.0	1.8	1.2	1.1	2.3	-	-	2.3	4.1
		City Total	9.7	0.0	9.7	0.1	9.8	3.4	3.1	6.5	-	-	6.5	16.3
	Rural	55. Rompin/Pekan/ Temerloh	0.7	0.1	0.8	0.0	0.8	0.1	0.0	0.1	0.4	0.0	0.5	1.3
		Basin Total	10.4	0.1	10.5	0.1	10.6	3.5	3.1	6.6	0.4	0.0	7.0	17.6
29.	City	C140 PT4	0.4	0.0	0.4	0.0	0.4	0.0	0.0	0.0	-	-	0.0	0.4
	Rural	55. Rompin/Pekan/ Temerloh	0.3	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
		Basin Total	0.7	0.0	0.7	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.7
30.	City	C118 Bahau	1.0		1.0	0.0	1.0	0.5	0.4	0.9	-	-	0.9	1.9
		C137 PT1	2.2		2.2	0.1	2.3	1.5	1.4	2.9	-	-	2.9	5.2
		C138 PT2	0.9		0.9	0.0	0.9	0.6	0.5	1.1	-	-	1.1	2.0
		C144 PT8	1.4		1.4	0.0	1.4	0.0	0.0	0.0	-	-	0.0	1.4
		C152 PT16	0.8		0.8	0.0	0.8	0.5	0.5	1.0	-	-	1.0	1.8
		C153 PT17	0.9		0.9	0.0	0.9	0.6	0.5	1.1	-	-	1.1	2.0
		C154 PT18	0.5		0.5	0.0	0.5	0.5	0.4	0.9	-	-	0.9	1.4
		C155 PT19	0.9		0.9	0.0	0.9	0.6	0.5	1.1	-	-	1.1	2.0
		C156 PT20	2.4		2.4	0.1	2.5	1.5	1.5	3.0	-	-	3.0	5.5
		130. Mentekab	1.0		1.0	0.0	1.0	2.8	2.7	5.5	-	-	5.5	6.5
		45. Temerloh	1.3		1.3	0.0	1.3	3.7	3.6	7.3	-	-	7.3	8.6
		131. Teriang	0.9		0.9	0.0	0.9	0.6	0.5	1.1	-	-	1.1	2.0
		46. Bentong	2.0		2.0	0.0	2.0	0.6	0.5	1.1	-	-	1.1	3.1
		48. Jerantut	0.9		0.9	0.0	0.9	3.9	3.8	7.7	-	-	7.7	8.6
		49. Raub	2.3		2.3	0.1	2.4	1.8	1.8	3.6	-	-	3.6	6.0
		50. Kuala Lipis	0.9		0.9	0.0	0.9	0.6	0.5	1.1	-	-	1.1	2.0
		City Total	20.3	0.0	20.3	0.3	20.6	20.3	19.1	39.4	-	-	39.4	60.0
	Rural	40. Jelebu	1.9	0.1	2.0	0.1	2.1	0.4	0.1	0.5				
		41. Kuala Pilah	1.8	0.1	1.9	0.1	2.0	0.2	0.1	0.3				
		55. Rompin/Pekan/ Temerloh	1.3	0.2	1.5	0.0	1.5	0.4	0.3	0.7				
		58. Bentong	4.4	0.6	5.0	0.1	5.1	0.1	0.0	0.1				
		59. Kuantan	0.3	0.0	0.3	0.0	0.3	0.1	0.0	0.1				
		60. Jerantut	6.9	1.0	7.9	0.1	8.0	0.3	0.1	0.4				
		61. Raub	1.5	0.2	1.7	0.0	1.7	0.1	0.0	0.1				
		62. Lipis	1.7	0.2	1.9	0.0	1.9	0.2	0.1	0.3				
		63. Cameron G. Highland	1.2	0.2	1.4	0.0	1.4	0.0	0.0	0.0				
		Rural Total	21.0	2.6	23.6	0.4	24.0	1.8	0.7	2.5	3.2	1.6	7.3	31.3
		Basin Total	41.3	2.6	43.9	0.7	44.6	22.1	19.8	41.9	3.2	1.6	46.7	91.3

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 106 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND BY PURPOSE BY TYPE OF SUPPLY FOR 1990 UNDER THE CONDITION OF LOWER ECONOMIC GROWTH (6/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial					Total I	Total D & I
		Public Un-		Total	Private	Total	Manufacturing			Palm Oil	Rubber		
		Treated	Treated				Public	Private	Total				
31.	City 47. Kuantan	29.6		29.6	0.0	29.6	8.2	8.2	16.4	-	-	16.4	46.0
	Rural 59. Kuantan	0.6	0.1	0.7	0.0	0.7	0.0	0.1	0.1	0.3	0.7	1.1	1.8
	Basin Total	30.2	0.1	30.3	0.0	30.3	8.2	8.3	16.5	0.3	0.7	17.5	47.8
32.	City 51. Chukai	1.7	0.0	1.7	0.0	1.7	1.6	1.6	3.2	-	-	3.2	4.9
	Rural 64. Kemaman	1.2	0.7	1.9	0.0	1.9	0.2	0.2	0.4	0.5	0.0	0.9	2.8
	Basin Total	2.9	0.7	3.6	0.0	3.6	1.8	1.8	3.6	0.5	0.0	4.1	7.7
33.	Rural 65. Dungun	0.3	0.2	0.5	0.0	0.5	0.1	0.1	0.2	0.0	0.0	0.2	0.7
	Basin Total	0.3	0.2	0.5	0.0	0.5	0.1	0.1	0.2	0.0	0.0	0.2	0.7
34.	City 52. Dungun	3.9	0.0	3.9	0.1	4.0	1.0	1.0	2.0	-	-	2.0	6.0
	Rural 65. Dungun	0.6	0.3	0.9	0.0	0.9	0.1	0.2	0.3	0.2	0.0	0.5	1.4
	Basin Total	4.5	0.3	4.8	0.1	4.9	1.1	1.2	2.3	0.2	0.0	2.5	7.4
35.	Rural 66. Marang	0.7	0.4	1.1	0.0	1.1	0.0	0.1	0.1				
	67. Ulu Trengganu	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0				
	Rural Total	0.8	0.4	1.2	0.0	1.2	0.0	0.1	0.1	0.1	0.0	0.2	1.4
	Basin Total	0.8	0.4	1.2	0.0	1.2	0.0	0.1	0.1	0.1	0.0	0.2	1.4
36.	City 132. Ulu Trengganu	0.5	0.0	0.5	0.0	0.5	0.2	0.1	0.3	-	-	0.3	0.8
	53. Kuala Trengganu	33.4	0.0	33.4	0.0	33.4	5.3	5.3	10.6	-	-	10.6	44.0
	City Total	33.9	0.0	33.9	0.0	33.9	5.5	5.4	10.9	-	-	10.9	44.8
	Rural 67. Ulu Trengganu	1.0	0.6	1.6	0.0	1.6	0.3	0.3	0.6				
	68. Kuala Trengganu	1.6	0.9	2.5	0.0	2.5	0.1	0.1	0.2				
	Rural Total	2.6	1.5	4.1	0.0	4.1	0.4	0.4	0.8	0.2	0.2	1.2	5.3
	Basin Total	36.5	1.5	38.0	0.0	38.0	5.9	5.8	11.7	0.2	0.2	12.1	50.1
37.	Rural 69. Besut	1.0	0.6	1.6	0.0	1.6	0.0	0.1	0.1	0.0	0.0	0.1	1.7
	Basin Total	1.0	0.6	1.6	0.0	1.6	0.0	0.1	0.1	0.0	0.0	0.1	1.7
38.	Rural 69. Besut	1.6	0.9	2.5	0.0	2.5	0.1	0.1	0.2	0.0	0.0	0.2	2.7
	Basin Total	1.6	0.9	2.5	0.0	2.5	0.1	0.1	0.2	0.0	0.0	0.2	2.7
39.	City 56. Perinagat	1.1	0.0	1.1	0.1	1.2	0.4	0.4	0.8	-	-	0.8	2.0
	57. Pangkal Kalong	2.3	0.0	2.3	0.2	2.5	0.8	0.8	1.6	-	-	1.6	4.1
	134. Kadok	1.1	0.0	1.1	0.1	1.2	0.4	0.3	0.7	-	-	0.7	1.9
	City Total	4.5	0.0	4.5	0.4	4.9	1.6	1.5	3.1	-	-	3.1	8.0
	Rural 71. Pasir Puteh	2.0	1.4	3.4	0.1	3.5	0.0	0.0	0.0				
	74. Bacjok	1.9	1.3	3.2	0.1	3.3	0.0	0.0	0.0				
	75. Kota Bahru	0.6	0.4	1.0	0.0	1.0	0.0	0.0	0.0				
	Rural Total	4.5	3.1	7.6	0.2	7.8	0.0	0.0	0.0	0.0	0.1	0.1	7.9
	Basin Total	9.0	3.1	12.1	0.6	12.7	1.6	1.5	3.1	0.0	0.1	3.2	15.9

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 107 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 1990 UNDER  
THE CONDITION OF LOWER ECONOMIC GROWTH (7/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial					Total Total I D & I		
		Public		Total	Private	D	Manufacturing			Palm Oil	Rubber			
		Treated	Un-Treated				Public	Private	Total					
40.	City	135. Gua Musang	0.7	0.0	0.7	0.0	0.7	0.3	0.2	0.5	-	-	0.5	1.2
		54. Tanah Merah	0.9	0.0	0.9	0.1	1.0	1.2	1.1	2.3	-	-	2.3	3.3
		55. Kota Bahru	27.5	0.0	27.5	0.6	28.1	6.1	6.0	12.1	-	-	12.1	40.2
		58. Pasir Mas	1.1	0.0	1.1	0.1	1.2	0.4	0.4	0.8	-	-	0.8	2.0
		133. Kuala Krai	1.7	0.0	1.7	0.1	1.8	1.3	1.3	2.6	-	-	2.6	4.4
		City Total	31.9	0.0	31.9	0.9	32.8	9.3	9.0	18.3	-	-	18.3	51.1
	Rural	70. Ulu Kelantan	1.6	1.1	2.7	0.1	2.8	0.1	0.3	0.4	-	-	-	-
		72. Machang	1.4	1.0	2.4	0.1	2.5	0.0	0.0	0.0	-	-	-	-
		73. Tanah Merah	1.1	0.8	1.9	0.1	2.0	0.0	0.0	0.0	-	-	-	-
		75. Kota Bahru	0.3	0.2	0.5	0.0	0.5	0.0	0.0	0.0	-	-	-	-
		76. Pasir Mas	0.8	0.6	1.4	0.0	1.4	0.0	0.0	0.0	-	-	-	-
		77. Tumpat	2.1	1.5	3.6	0.1	3.7	0.0	0.0	0.0	-	-	-	-
		Rural Total	7.3	5.2	12.5	0.4	12.9	0.1	0.3	0.4	0.2	0.3	0.9	13.8
		Basin Total	39.2	5.2	44.4	1.3	45.7	9.4	9.3	18.7	0.2	0.3	19.2	64.9
41.	Rural	73. Tanah Merah	0.8	0.5	1.3	0.0	1.3	0.0	0.0	0.0	-	-	-	-
		76. Pasir Mas	1.8	1.3	3.1	0.1	3.2	0.0	0.0	0.0	-	-	-	-
		Rural Total	2.6	1.8	4.4	0.1	4.5	0.0	0.0	0.0	0.1	0.0	0.1	4.6
		Basin Total	2.6	1.8	4.4	0.1	4.5	0.0	0.0	0.0	0.1	0.0	0.1	4.6
Total for Peninsular Malaysia			933.7	37.4	971.1	21.4	993.3	586.4	494.7	1081.1	11.3	29.9	1122.3	2115.6

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 108 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND BY PURPOSE BY TYPE OF SUPPLY FOR 2000 UNDER THE CONDITION OF LOWER ECONOMIC GROWTH (1/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial						Total I	Total D & I
		Public		Un-Treated	Total	Private	Total D	Manufacturing			Palm Oil	Rubber		
		Treated	Un-Treated					Public	Private	Total				
1.	City 1. Kangar	2.1	0.0	2.1	0.0	2.1	4.5	4.5	9.0	-	-	9.0	11.1	
	Rural 1. Perlis	9.9	1.3	11.2	0.1	11.3	0.1	0.1	0.2	0.0	0.0	0.2	11.5	
	Basin Total	12.0	1.3	13.3	0.1	13.4	4.6	4.6	9.2	0.0	0.0	9.2	22.6	
2.	Rural 2. Pulau Langkawi	1.9	0.4	2.3	0.0	2.3	0.1	0.0	0.1	0.0	0.0	0.1	2.4	
	Basin Total	1.9	0.4	2.3	0.0	2.3	0.1	0.0	0.1	0.0	0.0	0.1	2.4	
3.	City 101. Jitra	3.3	0.0	3.3	0.0	3.3	0.5	0.4	0.9	-	-	0.9	4.2	
	2. Alor Setar	8.0	0.0	8.0	0.1	8.1	14.2	14.2	28.4	-	-	28.4	36.5	
	102. Guar Chempedak	1.1	0.0	1.1	0.0	1.1	1.4	1.4	2.8	-	-	2.8	3.9	
	103. Yan	1.0	0.0	1.0	0.0	1.0	1.2	1.2	2.4	-	-	2.4	3.4	
	City Total	13.4	0.0	13.4	0.1	13.5	17.3	17.2	34.5	-	-	34.5	48.0	
	Rural 3. Kulang Pasu	6.1	1.4	7.5	0.0	7.5	0.1	0.1	0.2	-	-	-	-	
	4. Padang Terap	3.1	0.7	3.8	0.0	3.8	0.2	0.1	0.3	-	-	-	-	
	5. Kota Setar	14.9	3.3	18.2	0.1	18.3	0.1	0.1	0.2	-	-	-	-	
	6. Pendang	4.4	1.0	5.4	0.0	5.4	0.1	0.0	0.1	-	-	-	-	
	7. Yan	2.4	0.5	2.9	0.0	2.9	0.1	0.0	0.1	-	-	-	-	
Rural Total	30.9	6.9	37.8	0.1	37.9	0.6	0.3	0.9	0.0	0.2	1.1	39.0		
Basin Total	44.3	6.9	51.2	0.2	51.4	17.9	17.5	35.4	0.0	0.2	35.6	87.0		
4.	City 3. Sg. Petani	6.3	0.0	6.3	0.1	6.4	8.9	8.9	17.8	-	-	17.8	24.2	
	Rural 9. Kuala Muda	4.9	1.1	6.0	0.0	6.0	0.1	0.0	0.1	0.0	2.1	2.2	8.2	
	Basin Total	11.2	1.1	12.3	0.1	12.4	9.0	8.9	17.9	0.0	2.1	20.0	32.4	
5.	City 104. Tikan Batu	1.1	0.0	1.1	0.0	1.1	1.3	1.3	2.6	-	-	2.6	3.7	
	Rural 8. Sik	2.6	0.6	3.2	0.0	3.2	0.3	0.1	0.4	-	-	-	-	
	9. Kuala Muda	4.3	1.0	5.3	0.0	5.3	0.1	0.0	0.1	-	-	-	-	
	10. Baling	5.8	1.3	7.1	0.0	7.1	0.3	0.1	0.4	-	-	-	-	
	11. Kulim	1.7	0.4	2.1	0.0	2.1	0.1	0.0	0.1	-	-	-	-	
	13. Utara	2.9	0.1	3.0	0.0	3.0	1.3	0.1	1.4	-	-	-	-	
	Rural Total	17.3	3.4	20.7	0.0	20.7	2.1	0.3	2.4	0.1	2.9	5.4	26.1	
	Basin Total	18.4	3.4	21.8	0.0	21.8	3.4	1.6	5.0	0.1	2.9	8.0	29.8	
6.	City 4. Kulim	4.2	0.0	4.2	0.0	4.2	1.2	1.1	2.3	-	-	2.3	6.5	
	5. Butterworth	10.7	0.0	10.7	0.0	10.7	23.8	23.7	47.5	-	-	47.5	58.2	
	109. Kg. Pmtg Kuching	1.5	0.0	1.5	0.0	1.5	2.6	2.6	5.2	-	-	5.2	6.7	
	6. Bk. Mertajam	3.0	0.0	3.0	0.0	3.0	9.0	9.0	18.0	-	-	18.0	21.0	
	110. Perai	1.2	0.0	1.2	0.0	1.2	19.4	19.3	38.7	-	-	38.7	39.9	
	City Total	20.6	0.0	20.6	0.0	20.6	56.0	55.7	111.7	-	-	111.7	132.3	
	Rural 11. Kulim	1.7	0.4	2.1	0.0	2.1	0.1	0.0	0.1	-	-	-	-	
	13. Utara	6.7	0.1	6.8	0.0	6.8	3.0	0.3	3.3	-	-	-	-	
	14. Tengah	13.9	0.3	14.2	0.1	14.3	3.9	0.3	4.2	-	-	-	-	
	15. Selatan	6.1	0.1	6.2	0.0	6.2	4.0	0.3	4.3	-	-	-	-	
Rural Total	28.4	0.9	29.3	0.1	29.4	11.0	0.9	11.9	0.2	4.1	16.2	45.6		
Basin Total	49.0	0.9	49.9	0.1	50.0	67.0	56.6	123.6	0.2	4.1	127.9	177.9		
7.	City 8. Georgetown	24.2	0.0	24.2	0.0	24.2	12.7	12.6	25.3	-	-	-	-	
	105. Air Itam	5.2	0.0	5.2	0.0	5.2	8.8	8.7	17.5	-	-	-	-	
	106. Tg. Tokong	1.7	0.0	1.7	0.0	1.7	3.0	2.9	5.9	-	-	-	-	
	107. Gelugor	2.0	0.0	2.0	0.0	2.0	0.8	0.7	1.5	-	-	-	-	
	108. Tg. Bunga	1.3	0.0	1.3	0.0	1.3	2.3	2.3	4.6	-	-	-	-	
	City Total	34.4	0.0	34.4	0.0	34.4	27.6	27.2	54.8	-	-	54.8	89.2	
	Rural 16. Timur Laut	8.5	0.2	8.7	0.1	8.8	1.9	0.2	2.1	-	-	-	-	
	17. Barat Daya	7.4	0.1	7.5	0.0	7.5	2.9	0.2	3.1	-	-	-	-	
Rural Total	15.9	0.3	16.2	0.1	16.3	4.8	0.4	5.2	0.0	1.3	6.5	22.8		
Basin Total	50.3	0.3	50.6	0.1	50.7	32.4	27.6	60.0	0.0	1.3	61.3	112.0		

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 109 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 2000 UNDER  
THE CONDITION OF LOWER ECONOMIC GROWTH (2/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic				Industrial						Total Total I D & I				
		Public		Total	Private	Manufacturing			Palm Oil	Rubber						
		Treated	Un-Treated			Public	Private	Total								
8.	Rural	12. Bandar Bahru	1.6	0.4	2.0	0.0	2.0	0.1	0.0	0.1						
		20. Krian	0.8	0.1	0.9	0.0	0.9	0.3	0.1	0.4						
		Rural Total	2.4	0.5	2.9	0.0	2.9	0.4	0.1	0.5	0.1	0.9	1.5	4.4		
		Basin Total	2.4	0.5	2.9	0.0	2.9	0.4	0.1	0.5	0.1	0.9	1.5	4.4		
9.	City	112. Bagan Serat	1.1	0.0	1.1	0.0	1.1	4.3	4.2	8.5	-	-	8.5	9.6		
		10. Taiping	27.4	0.0	27.4	0.0	27.4	29.2	29.1	58.3	-	-	58.3	85.7		
		City Total	28.5	0.0	28.5	0.0	28.5	33.5	33.3	66.8	-	-	66.8	95.3		
	Rural	20. Krian	8.4	0.9	9.3	0.0	9.3	3.5	1.0	4.5						
		21. Larut dan Matang	4.5	0.5	5.0	0.0	5.0	5.6	1.6	7.2						
		25. Dinding	9.9	1.1	11.0	0.0	11.0	4.6	1.3	5.9						
		Rural Total	22.8	2.5	25.3	0.0	25.3	13.7	3.9	17.6	0.6	2.2	20.4	45.7		
		Basin Total	51.3	2.5	53.8	0.0	53.8	47.2	37.2	84.4	0.6	2.2	87.2	141.0		
10.	City	11. Kuala Kangsar	1.4	0.0	1.4	0.0	1.4	3.7	3.7	7.4	-	-	7.4	8.8		
		12. Sg. Siput Utara	2.7	0.0	2.7	0.0	2.7	1.1	1.0	2.1	-	-	2.1	4.8		
		13. Ipoh	39.1	0.0	39.1	0.0	39.1	33.0	33.0	66.0	-	-	66.0	105.1		
		14. Batu Gajah	1.1	0.0	1.1	0.0	1.1	0.0	0.0	0.0	-	-	0.0	1.1		
		15. Kampar	2.4	0.0	2.4	0.0	2.4	2.0	1.9	3.9	-	-	3.9	6.3		
		111. Baru Mambang	1.1	0.0	1.1	0.0	1.1	0.0	0.0	0.0	-	-	0.0	1.1		
		17. Telok Anson	5.5	0.0	5.5	0.1	5.6	10.0	10.0	20.0	-	-	20.0	25.6		
		18. Tapah	1.0	0.0	1.0	0.0	1.0	2.2	2.2	4.4	-	-	4.4	5.4		
		City Total	54.3	0.0	54.3	0.1	54.4	52.0	51.8	103.8	-	-	103.8	158.2		
	Rural	18. Ulu Perak	4.9	0.5	5.4	0.0	5.4	5.3	1.5	6.8						
		22. Kuala Kangsar	6.4	0.7	7.1	0.0	7.1	10.6	3.0	13.6						
		23. Kinta	17.1	1.8	18.9	0.0	18.9	8.1	2.3	10.4						
		24. Perak Tengah	4.5	0.5	5.0	0.0	5.0	7.5	2.1	9.6						
		26. Hilir Perak	7.3	0.8	8.1	0.0	8.1	3.9	1.1	5.0						
		27. Batang Padang	5.5	0.6	6.1	0.0	6.1	6.7	2.0	8.7						
		Rural Total	45.7	4.9	50.6	0.0	50.6	42.1	12.0	54.1	0.9	3.2	58.2	108.8		
		Basin Total	100.0	4.9	104.9	0.1	105.0	94.1	63.8	157.9	0.9	3.2	162.0	267.0		
11.	Rural	26. Hilir Perak	3.1	0.3	3.4	0.0	3.4	1.7	0.5	2.2						
		27. Batang Padang	3.7	0.4	4.1	0.0	4.1	4.5	1.3	5.8						
		28. Sabak Bernam	8.1	0.0	8.1	0.1	8.2	4.1	0.2	4.3						
		29. Kuala Selangor	1.7	0.0	1.7	0.0	1.7	1.0	0.0	1.0						
		30. Ulu Selangor	0.4	0.0	0.4	0.0	0.4	0.5	0.0	0.5						
		Rural Total	17.0	0.7	17.7	0.1	17.8	11.8	2.0	13.8	0.7	0.2	14.7	32.5		
		Basin Total	17.0	0.7	17.7	0.1	17.8	11.8	2.0	13.8	0.7	0.2	14.7	32.5		
12.	Rural	29. Kuala Selangor	1.9	0.0	1.9	0.0	1.9	1.0	0.1	1.1			1.1	3.0		
		Basin Total	1.9	0.0	1.9	0.0	1.9	1.0	0.1	1.1	0.0	0.0	1.1	3.0		
13.	City	21. Kuala Kubu Baru	1.2	0.0	1.2	0.0	1.2	1.1	1.0	2.1	-	-	2.1	3.3		
	Rural	29. Kuala Selangor	3.3	0.0	3.3	0.0	3.3	1.8	0.1	1.9						
		30. Ulu Selangor	5.8	0.0	5.8	0.0	5.8	6.8	0.4	7.2						
		31. Gombak	15.6	0.1	15.7	0.1	15.8	1.1	0.1	1.2						
		Rural Total	24.7	0.1	24.8	0.1	24.9	9.7	0.6	10.3	0.2	0.4	10.9	35.8		
		Basin Total	25.9	0.1	26.0	0.1	26.1	10.8	1.6	12.4	0.2	0.4	13.0	39.1		
14.	City	114. S. Buloh	1.1	0.0	1.1	0.0	1.1	0.8	0.8	1.6	-	-	1.6	2.7		
	Rural	29. Kuala Selangor	2.2	0.0	2.2	0.0	2.2	1.1	0.1	1.2						
		33. Petaling	2.1	0.0	2.1	0.0	2.1	0.5	0.0	0.5						
		Rural Total	4.3	0.0	4.3	0.0	4.3	1.6	0.1	1.7	0.6	0.4	2.7	7.0		
		Basin Total	5.4	0.0	5.4	0.0	5.4	2.4	0.9	3.3	0.6	0.4	4.3	9.7		

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.



Table 110 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 2000 UNDER  
THE CONDITION OF LOWER ECONOMIC GROWTH (3/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic				Industrial						Total I	Total D & I	
		Public		Total	Private	Manufacturing			Palm		Total			
		Un-Treated	Treated			Public	Private	Total	Oil	Rubber				
15.	City	22. Kelang	58.6	0.0	58.6	0.0	58.6	34.0	33.9	67.9	-	-	67.9	126.5
		23. Shah Alam	12.4	0.0	12.4	0.0	12.4	9.1	9.1	18.2	-	-	18.2	30.6
		24. Petaling Jaya	88.5	0.0	88.5	0.0	88.5	122.2	122.1	244.3	-	-	244.3	332.8
		25. Bandaraya kl	211.2	0.0	211.2	0.0	211.2	76.2	76.2	152.4	-	-	152.4	363.6
		116. Ampang	1.4	0.0	1.4	0.0	1.4	0.6	0.5	1.1	-	-	1.1	2.5
		117. Serdang Baru	2.0	0.0	2.0	0.0	2.0	1.6	1.6	3.2	-	-	3.2	5.2
		City Total	374.1	0.0	374.1	0.0	374.1	243.7	243.4	487.1	-	-	487.1	861.2
	Rural	31. Gombak	19.8	0.1	19.9	0.2	20.1	1.4	0.1	1.5	-	-	-	-
		32. Kelang	7.1	0.0	7.1	0.1	7.2	2.6	0.1	2.7	-	-	-	-
		33. Petaling	7.6	0.0	7.6	0.1	7.7	1.6	0.1	1.7	-	-	-	-
		34. Federal Territory Ul	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
		37. Sepang	1.3	0.0	1.3	0.0	1.3	0.8	0.0	0.8	-	-	-	-
		Rural Total	35.8	0.1	35.9	0.4	36.3	6.4	0.3	6.7	0.3	2.9	9.9	46.2
	Basin Total		409.9	0.1	410.0	0.4	410.4	250.1	243.7	493.8	0.3	2.9	497.0	907.4
16.	City	26. Kajang Chua	4.6	0.0	4.6	0.0	4.6	3.8	3.7	7.5	-	-	7.5	12.1
		115. Semenyih	1.1	0.0	1.1	0.0	1.1	1.1	1.0	2.1	-	-	2.1	3.2
		City Total	5.7	0.0	5.7	0.0	5.7	4.9	4.7	9.6	-	-	9.6	15.3
	Rural	35. U. Langat	26.5	0.1	26.6	0.2	26.8	3.5	0.2	3.7	-	-	-	-
		36. Kuala Langat	7.4	0.0	7.4	0.1	7.5	2.7	0.1	2.8	-	-	-	-
		37. Sepang	2.0	0.0	2.0	0.0	2.0	1.1	0.1	1.2	-	-	-	-
		39. Seremban	1.8	0.2	2.0	0.0	2.0	0.1	0.0	0.1	-	-	-	-
		Rural Total	37.7	0.3	38.0	0.3	38.3	7.4	0.4	7.8	0.8	0.9	9.5	47.8
	Basin Total		43.4	0.3	43.7	0.3	44.0	12.3	5.1	17.4	0.8	0.9	19.1	63.1
17.	City	28. Port Dickson	5.1	0.0	5.1	0.0	5.1	33.4	33.4	66.8	-	-	66.8	71.9
	Rural	36. Kuala Langat	2.1	0.0	2.1	0.0	2.1	0.8	0.0	0.8	-	-	-	2.9
		37. Sepang	1.2	0.0	1.2	0.0	1.2	0.7	0.0	0.7	-	-	-	1.9
		38. Port Dickson	1.4	0.1	1.5	0.0	1.5	0.0	0.0	0.0	-	-	-	1.5
		39. Seremban	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	-	-	-	0.1
		Rural Total	4.8	0.1	4.9	0.0	4.9	1.5	0.0	1.5	0.5	0.2	2.2	7.1
	Basin Total		9.9	0.1	10.0	0.0	10.0	34.9	33.4	68.3	0.5	0.2	69.0	79.0
18.	City	29. Seremban	25.4	0.0	25.4	0.0	25.4	6.0	6.0	12.0	-	-	12.0	37.4
	Rural	38. Port Dickson	2.2	0.2	2.4	0.0	2.4	0.1	0.0	0.1	-	-	0.1	2.5
		39. Seremban	1.8	0.2	2.0	0.0	2.0	0.1	0.0	0.1	-	-	0.1	2.1
		42. Pembau	2.1	0.2	2.3	0.0	2.3	0.1	0.0	0.1	-	-	0.1	2.4
		44. Utara	3.9	0.2	4.1	0.0	4.1	0.2	0.0	0.2	-	-	0.2	4.3
		Rural Total	10.0	0.8	10.8	0.0	10.8	0.5	0.0	0.5	0.3	2.3	3.1	13.9
	Basin Total		35.4	0.8	36.2	0.0	36.2	6.5	6.0	12.5	0.3	2.3	15.1	51.3
19.	City	119. Tampin	1.1	0.0	1.1	0.0	1.1	0.6	0.5	1.1	-	-	1.1	2.2
		31. Melaka	8.9	0.0	8.9	0.1	9.0	12.8	12.7	25.5	-	-	25.5	34.5
		120. Kelebang	1.1	0.0	1.1	0.0	1.1	1.5	1.5	3.0	-	-	3.0	4.1
		121. Bukit Baru	2.1	0.0	2.1	0.0	2.1	3.0	3.0	6.0	-	-	6.0	8.1
		City Total	13.2	0.0	13.2	0.1	13.3	17.9	17.7	35.6	-	-	35.6	48.9
	Rural	43. Tampin	0.7	0.1	0.8	0.0	0.8	0.0	0.0	0.0	-	-	0.0	0.8
		44. Utara	4.1	0.2	4.3	0.0	4.3	0.2	0.0	0.2	-	-	0.2	4.5
		45. Tengah	12.4	0.7	13.1	0.0	13.1	0.2	0.0	0.2	-	-	0.2	13.3
		46. Selatan	1.6	0.1	1.7	0.0	1.7	0.1	0.0	0.1	-	-	0.1	1.8
		Rural Total	18.8	1.1	19.9	0.0	19.9	0.5	0.0	0.5	0.0	3.0	3.5	23.4
	Basin Total		32.0	1.1	33.1	0.1	33.2	18.4	17.7	36.1	0.0	3.0	39.1	72.3
20.	City	33. Tangkak	1.5	0.0	1.5	0.0	1.5	0.1	0.1	0.2	-	-	0.2	1.7
	Rural	16. Selatan	4.8	0.3	5.1	0.0	5.1	0.3	0.0	0.3	-	-	0.3	5.4
		48. Muar	1.9	0.0	1.9	0.0	1.9	0.2	0.0	0.2	-	-	0.2	2.1
		Rural Total	6.7	0.3	7.0	0.0	7.0	0.5	0.0	0.5	0.0	0.4	0.9	7.9
	Basin Total		8.2	0.3	8.5	0.0	8.5	0.6	0.1	0.7	0.0	0.4	1.1	9.6

Remarks: (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table III PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 2000 UNDER  
THE CONDITION OF LOWER ECONOMIC GROWTH (4/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial					Total Total		
		Public		Total	Private	D	Manufacturing			Palm Oil	Rubber			
		Treated	Un-Treated				Public	Private	Total			I	D & I	
21.	City	30. Kuala Pilah	1.2	0.0	1.2	0.0	1.2	1.2	1.2	2.4	-	-	2.4	3.6
		32. Segamat	8.3	0.0	8.3	0.1	8.4	3.2	3.1	6.3	-	-	6.3	14.7
		122. Labis	1.3	0.0	1.3	0.0	1.3	2.6	2.5	5.1	-	-	5.1	6.4
	City	125. Jementah	1.0	0.0	1.0	0.0	1.0	1.0	0.9	1.9	-	-	1.9	2.9
		34. Muar	4.1	0.0	4.1	0.1	4.2	8.7	8.6	17.3	-	-	17.3	21.5
		145. PT9	0.6	0.0	0.6	0.0	0.6	0.8	0.8	1.6	-	-	1.6	2.2
	City Total		16.5	0.0	16.5	0.2	16.7	17.5	17.1	34.6	-	-	34.6	51.3
	Rural	41. Kuala Pilah	6.3	0.6	6.9	0.0	6.9	0.3	0.1	0.4	-	-	0.4	7.3
		43. Tampin	3.2	0.3	3.5	0.0	3.5	0.2	0.0	0.2	-	-	0.2	3.7
		47. Segamat	6.4	0.0	6.4	0.0	6.4	1.4	0.0	1.4	-	-	1.4	7.8
		48. Muar	15.5	0.0	15.5	0.1	15.6	1.4	0.0	1.4	-	-	1.4	17.0
	Rural Total		31.4	0.9	32.3	0.1	32.4	3.3	0.1	3.4	0.7	3.1	7.2	39.6
	Basin Total		47.9	0.9	48.8	0.3	49.1	20.8	17.2	38.0	0.7	3.1	41.8	90.9
22.	City	35. Batu Pahat	9.0	0.0	9.0	0.1	9.1	10.1	10.1	20.2	-	-	20.2	29.3
		123. Yong Peng	1.1	0.0	1.1	0.0	1.1	5.0	5.0	10.0	-	-	10.0	11.1
	City Total		10.1	0.0	10.1	0.1	10.2	15.1	15.1	30.2	-	-	30.2	40.4
	Rural	47. Segamat	2.4	0.0	2.4	0.0	2.4	0.5	0.0	0.5	-	-	0.5	2.9
		49. Batu Pahat	17.4	0.0	17.4	0.1	17.5	1.3	0.0	1.3	-	-	1.3	18.8
		53. Keluang	3.0	0.0	3.0	0.0	3.0	0.3	0.0	0.3	-	-	0.3	3.3
	Rural Total		22.8	0.0	22.8	0.1	22.9	2.1	0.0	2.1	0.8	0.6	3.5	26.4
Basin Total		32.9	0.0	32.9	0.2	33.1	17.2	15.1	32.3	0.8	0.6	33.7	66.8	
23.	City	37. Pontian Kechil	5.9	0.0	5.9	0.1	6.0	6.8	6.8	13.6	-	-	13.6	19.6
		124. Pekan Nanas	1.0	0.0	1.0	0.0	1.0	1.0	0.9	1.9	-	-	1.9	2.9
		38. Kulat	5.7	0.0	5.7	0.1	5.8	15.0	15.0	30.0	-	-	30.0	35.8
		39. Johor Bahru	60.1	0.0	60.1	0.0	60.1	30.0	30.0	60.0	-	-	60.0	120.1
		127. Senai	1.1	0.0	1.1	0.0	1.1	1.2	1.2	2.4	-	-	2.4	3.5
		129. Masai	1.7	0.0	1.7	0.0	1.7	1.7	1.7	3.4	-	-	3.4	5.1
	City Total		75.5	0.0	75.5	0.2	75.7	55.7	55.6	111.3	-	-	111.3	187.0
	Rural	50. Pontian	6.6	0.0	6.6	0.0	6.6	0.6	0.0	0.6	-	-	0.6	7.2
		51. Johor Bahru	7.4	0.0	7.4	0.0	7.4	0.8	0.0	0.8	-	-	0.8	8.2
		53. Keluang	3.2	0.0	3.2	0.0	3.2	0.4	0.0	0.4	-	-	0.4	3.6
	Rural Total		17.2	0.0	17.2	0.0	17.2	1.8	0.0	1.8	0.7	1.9	4.4	21.6
Basin Total		92.7	0.0	92.7	0.2	92.9	57.5	55.6	113.1	0.7	1.9	115.7	208.6	
24.	City	126. Ulu Tiram	1.5	0.0	1.5	0.0	1.5	6.9	6.9	13.8	-	-	13.8	15.3
		40. Kota Tinggi	2.7	0.0	2.7	0.0	2.7	3.4	3.4	6.8	-	-	6.8	9.5
	City Total		4.2	0.0	4.2	0.0	4.2	10.3	10.3	20.6	-	-	20.6	24.8
	Rural	51. Johor Bahru	3.5	0.0	3.5	0.0	3.5	0.4	0.0	0.4	-	-	0.4	3.9
		52. Kota Tinggi	8.2	0.0	8.2	0.0	8.2	1.3	0.0	1.3	-	-	1.3	9.5
		53. Keluang	1.7	0.0	1.7	0.0	1.7	0.2	0.0	0.2	-	-	0.2	1.9
Rural Total		13.4	0.0	13.4	0.0	13.4	1.9	0.0	1.9	2.0	0.7	4.6	18.0	
Basin Total		17.6	0.0	17.6	0.0	17.6	12.2	10.3	22.5	2.0	0.7	25.2	42.8	
25.	Rural	52. Kota Tinggi	5.7	0.0	5.7	0.0	5.7	0.9	0.0	0.9	-	-	0.9	6.6
		54. Mersing	0.4	0.0	0.4	0.0	0.4	0.3	0.0	0.3	-	-	0.3	0.7
	Rural Total		6.1	0.0	6.1	0.0	6.1	1.2	0.0	1.2	0.2	0.0	1.4	7.5
Basin Total		6.1	0.0	6.1	0.0	6.1	1.2	0.0	1.2	0.2	0.0	1.4	7.5	
26.	City	42. Mersing	3.2	0.0	3.2	0.0	3.2	3.3	3.3	6.6	-	-	6.6	9.8
	Rural	54. Mersing	0.7	0.0	0.7	0.0	0.7	0.5	0.0	0.5	0.0	0.0	0.5	1.2
Basin Total		3.9	0.0	3.9	0.0	3.9	3.8	3.3	7.1	0.0	0.0	7.1	11.0	

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 112 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 2000 UNDER  
THE CONDITION OF LOWER ECONOMIC GROWTH (5/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic				Total D	Industrial				Palm Oil	Rubber	Total I	Total D & I
		Public		Total	Manufacturing		Total							
		Treated	Un-Treated		Private			Public	Private					
27.	City 41. Keluang	6.6	0.0	6.6	0.1	6.7	12.3	12.3	24.6	-	-	24.6	31.3	
	151. PT15	2.0	0.0	2.0	0.0	2.0	1.9	1.9	3.8	-	-	3.8	5.8	
	City Total	8.6	0.0	8.6	0.1	8.7	14.2	14.2	28.4	-	-	28.4	37.1	
	Rural 53. Keluang	8.9	0.0	8.9	0.0	8.9	1.0	0.0	1.0	-	-	1.0	9.9	
	54. Mersing	1.3	0.0	1.3	0.0	1.3	1.0	0.0	1.0	-	-	1.0	2.3	
	55. Rompin/Pekan/ Temerloh	0.3	0.0	0.3	0.0	0.3	0.0	0.0	0.0	-	-	0.0	0.3	
	Rural Total	10.5	0.0	10.5	0.0	10.5	2.0	0.0	2.0	1.0	0.8	3.8	14.3	
	Basin Total	19.1	0.0	19.1	0.1	19.2	16.2	14.2	30.4	1.0	0.8	32.2	51.4	
28.	City C139 PT3	0.6	0.0	0.6	0.0	0.6	0.8	0.8	1.6	-	-	1.6	2.2	
	C141 PT5	1.4	0.0	1.4	0.0	1.4	1.4	1.3	2.7	-	-	2.7	4.1	
	C142 PT6	3.6	0.0	3.6	0.0	3.6	3.5	3.4	6.9	-	-	6.9	10.5	
	C143 PT7	0.6	0.0	0.6	0.0	0.6	0.8	0.8	1.6	-	-	1.6	2.2	
	C146 PT10	0.6	0.0	0.6	0.0	0.6	0.8	0.8	1.6	-	-	1.6	2.2	
	C147 PT11	1.3	0.0	1.3	0.0	1.3	1.3	1.2	2.5	-	-	2.5	3.8	
	C148 PT12	2.2	0.0	2.2	0.0	2.2	2.1	2.1	4.2	-	-	4.2	6.4	
	C149 PT13	1.0	0.0	1.0	0.0	1.0	0.9	0.9	1.8	-	-	1.8	2.8	
	C150 PT14	2.1	0.0	2.1	0.0	2.1	2.0	2.0	4.0	-	-	4.0	6.1	
	City Total	13.4	0.0	13.4	0.0	13.4	13.6	13.3	26.9	-	-	26.9	40.3	
	Rural 55. Rompin/Pekan/ Temerloh	1.8	0.2	2.0	0.0	2.0	0.1	0.0	0.1	0.4	0.0	0.5	2.5	
	Basin Total	15.2	0.2	15.4	0.0	15.4	13.7	13.3	27.0	0.4	0.0	27.4	42.8	
29.	City C140 PT4	1.1	0.0	1.1	0.0	1.1	1.0	1.0	2.0	-	-	2.0	3.1	
	Rural 55. Rompin/Pekan/ Temerloh	0.7	0.1	0.8	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8	
	Basin Total	1.8	0.1	1.9	0.0	1.9	1.0	1.0	2.0	0.0	0.0	2.0	3.9	
30.	City C118 Bahau	1.2	0.0	1.2	0.0	1.2	0.6	0.5	1.1	-	-	1.1	2.3	
	C137 PT1	2.7	0.0	2.7	0.0	2.7	2.6	2.5	5.1	-	-	5.1	7.8	
	C138 PT2	1.3	0.0	1.3	0.0	1.3	1.3	1.2	2.5	-	-	2.5	3.8	
	C144 PT8	1.8	0.0	1.8	0.0	1.8	1.7	1.7	3.4	-	-	3.4	3.6	
	C152 PT16	1.2	0.0	1.2	0.0	1.2	1.2	1.2	2.4	-	-	2.4	3.6	
	C153 PT17	1.1	0.0	1.1	0.0	1.1	1.0	1.0	2.0	-	-	2.0	3.1	
	C154 PT18	0.6	0.0	0.6	0.0	0.6	0.8	0.8	1.6	-	-	1.6	2.2	
	C155 PT19	1.1	0.0	1.1	0.0	1.1	1.0	1.0	2.0	-	-	2.0	3.1	
	C156 PT20	2.9	0.0	2.9	0.0	2.9	2.7	2.7	5.4	-	-	5.4	8.3	
	130. Mentekab	1.4	0.0	1.4	0.0	1.4	7.6	7.6	15.2	-	-	15.2	16.6	
	45. Temerloh	1.7	0.0	1.7	0.0	1.7	10.2	10.1	20.3	-	-	20.3	22.0	
	131. Teriang	1.3	0.0	1.3	0.0	1.3	1.3	1.2	2.5	-	-	2.5	3.8	
	46. Bentong	2.4	0.0	2.4	0.0	2.4	1.6	1.6	3.2	-	-	3.2	5.6	
	48. Jerantut	1.3	0.0	1.3	0.0	1.3	10.8	10.7	21.5	-	-	21.5	22.8	
	49. Raub	3.0	0.0	3.0	0.0	3.0	4.8	4.8	9.6	-	-	9.6	12.6	
	50. Kuala Lipis	1.1	0.0	1.1	0.0	1.1	1.1	1.1	2.2	-	-	2.2	3.3	
	City Total	26.1	0.0	26.1	0.0	26.1	50.3	49.7	100.0	-	-	100.0	126.1	
	Rural 40. Jelebu	2.8	0.3	3.1	0.0	3.1	0.2	0.1	0.3	-	-	0.3	3.4	
	41. Kuala Pilah	2.7	0.2	2.9	0.0	2.9	0.2	0.0	0.2	-	-	0.2	3.1	
	55. Rompin/Pekan/ Temerloh	3.2	0.4	3.6	0.0	3.6	0.7	0.2	0.9	-	-	0.9	4.5	
	58. Bentong	8.2	1.0	9.2	0.0	9.2	0.1	0.0	0.1	-	-	0.1	9.3	
	59. Kuantan	0.4	0.1	0.5	0.0	0.5	0.1	0.0	0.1	-	-	0.1	0.6	
	60. Jerantut	13.2	1.7	14.9	0.0	14.9	0.4	0.1	0.5	-	-	0.5	15.4	
	61. Raub	2.0	0.2	2.2	0.0	2.2	0.2	0.0	0.2	-	-	0.2	2.4	
	62. Lipis	2.2	0.3	2.5	0.0	2.5	0.3	0.1	0.4	-	-	0.4	2.9	
	63. Cameron G. Highland	2.1	0.3	2.4	0.0	2.4	0.0	0.0	0.0	-	-	0.0	2.4	
	Rural Total	36.8	4.5	41.3	0.0	41.3	2.2	0.5	2.7	3.7	2.9	9.3	50.6	
	Basin Total	62.9	4.5	67.4	0.0	67.4	52.5	50.2	102.7	3.7	2.9	109.3	176.7	

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 113 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 2000 UNDER  
THE CONDITION OF LOWER ECONOMIC GROWTH (6/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic					Industrial						
		Public			Private	Total D	Manufacturing			Palm Oil	Rubber	Total I	Total D & I
		Treated	Un-Treated	Total			Public	Private	Total				
31.	City 47. Kuantan	62.4	0.0	62.4	0.0	62.4	22.9	22.9	45.8	-	-	45.8	108.2
	Rural 59. Kuantan	0.8	0.1	0.9	0.0	0.9	0.1	0.0	0.1	0.3	1.3	1.7	2.6
	Basin Total	63.2	0.1	63.3	0.0	63.3	23.0	22.9	45.9	0.3	1.3	47.5	110.8
32.	City 51. Chukai	2.3	0.0	2.3	0.0	2.3	4.9	4.9	9.8	-	-	9.8	12.1
	Rural 64. Kemaman	1.4	0.7	2.1	0.0	2.1	0.2	0.2	0.4	0.5	0.0	0.9	3.0
	Basin Total	3.7	0.7	4.4	0.0	4.4	5.1	5.1	10.2	0.5	0.0	10.7	15.1
33.	Rural 65. Dungun	0.4	0.2	0.6	0.0	0.6	0.0	0.1	0.1	0.0	0.0	0.1	0.7
	Basin Total	0.4	0.2	0.6	0.0	0.6	0.0	0.1	0.1	0.0	0.0	0.1	0.7
34.	City 52. Dungun	6.6	0.0	6.6	0.1	6.7	3.0	3.0	6.0	-	-	6.0	12.7
	Rural 65. Dungun	0.8	0.4	1.2	0.0	1.2	0.1	0.2	0.3	0.2	0.0	0.5	1.7
	Basin Total	7.4	0.4	7.8	0.1	7.9	3.1	3.2	6.3	0.2	0.0	6.5	14.4
35.	Rural 66. Marang	0.8	0.4	1.2	0.0	1.2	0.0	0.1	0.1			0.1	1.3
	67. Ulu Trengganu	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0			0.0	0.1
	Rural Total	0.9	0.4	1.3	0.0	1.3	0.0	0.1	0.1	0.1	0.0	0.2	1.5
	Basin Total	0.9	0.4	1.3	0.0	1.3	0.0	0.1	0.1	0.1	0.0	0.2	1.5
36.	City 132. Ulu Trengganu	1.3	0.0	1.3	0.0	1.3	0.6	0.5	1.1	-	-	1.1	2.4
	53. Kuala Trengganu	58.3	0.0	58.3	0.0	58.3	16.6	16.5	33.1	-	-	33.1	91.4
	City Total	59.6	0.0	59.6	0.0	59.6	17.2	17.0	34.2	-	-	34.2	93.8
	Rural 67. Ulu Trengganu	1.2	0.6	1.8	0.0	1.8	0.3	0.3	0.6			0.6	2.4
	68. Kuala Trengganu	3.1	1.5	4.6	0.0	4.6	0.1	0.1	0.2			0.2	4.8
	Rural Total	4.3	2.1	6.4	0.0	6.4	0.4	0.4	0.8	0.2	0.3	1.3	7.7
	Basin Total	63.9	2.1	66.0	0.0	66.0	17.6	17.4	35.0	0.2	0.3	35.5	101.5
37.	Rural 69. Besut	1.2	0.6	1.8	0.0	1.8	0.0	0.1	0.1			0.1	1.9
	Basin Total	1.2	0.6	1.8	0.0	1.8	0.0	0.1	0.1	0.0	0.0	0.1	1.9
38.	Rural 69. Besut	2.0	1.0	3.0	0.0	3.0	0.1	0.1	0.2	0.0	0.0	0.2	3.2
	Basin Total	2.0	1.0	3.0	0.0	3.0	0.1	0.1	0.2	0.0	0.0	0.2	3.2
39.	City 56. Perinagat	1.7	0.0	1.7	0.0	1.7	1.1	1.0	2.1	-	-	2.1	3.8
	57. Pangkal Kalong	4.2	0.0	4.2	0.1	4.3	2.5	2.5	5.0	-	-	5.0	9.3
	134. Kadok	1.6	0.0	1.6	0.0	1.6	1.0	1.0	2.0	-	-	2.0	3.6
	City Total	7.5	0.0	7.5	0.1	7.6	4.6	4.5	9.1	-	-	9.1	16.7
	Rural 71. Pasir Puteh	3.0	1.9	4.9	0.0	4.9	0.0	0.0	0.0			0.0	4.9
	74. Bacjok	2.9	1.8	4.7	0.0	4.7	0.0	0.0	0.0			0.0	4.7
	75. Kota Bahru	0.7	0.4	1.1	0.0	1.1	0.0	0.0	0.0			0.0	1.1
	Rural Total	6.6	4.1	10.7	0.0	10.7	0.0	0.0	0.0	0.0	0.1	0.1	10.8
	Basin Total	14.1	4.1	18.2	0.1	18.3	4.6	4.5	9.1	0.0	0.1	9.2	27.5

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 114 PROJECTED DOMESTIC AND INDUSTRIAL WATER DEMAND  
BY PURPOSE BY TYPE OF SUPPLY FOR 2000 UNDER  
THE CONDITION OF LOWER ECONOMIC GROWTH (7/7)

Unit: 10<sup>6</sup> m<sup>3</sup>/y

Basin No.	City/Rural	Domestic				Industrial						Total Total		
		Public		Total	Private	Manufacturing			Palm Oil	Rubber	I	D & I		
		Treated	Un-Treated			Public	Private	Total						
40.	City	135. Gua Musang	1.3	0.0	1.3	0.0	1.3	0.8	0.7	1.5	-	-	1.5	2.8
		54. Tanah Merah	1.4	0.0	1.4	0.0	1.4	3.9	3.8	7.7	-	-	7.7	9.1
		55. Kota Bharu	47.2	0.0	47.2	0.4	47.6	19.9	19.9	39.8	-	-	39.8	87.4
		58. Pasir Mas	1.7	0.0	1.7	0.0	1.7	1.4	1.3	2.7	-	-	2.7	4.4
		133. Kuala Krai	3.4	0.0	3.4	0.1	3.5	4.4	4.3	8.7	-	-	8.7	12.2
		City Total	55.0	0.0	55.0	0.5	55.5	30.4	30.0	60.4	-	-	60.4	115.9
	Rural	70. Ulu Kelantan	2.4	1.5	3.9	0.0	3.9	0.1	0.2	0.3	-	-	0.3	4.2
		72. Machang	2.0	1.2	3.2	0.0	3.2	0.0	0.0	0.0	-	-	0.0	3.2
		73. Tanah Merah	1.8	1.1	2.9	0.0	2.9	0.0	0.0	0.0	-	-	0.0	2.9
		75. Kota Bharu	0.3	0.2	0.5	0.0	0.5	0.0	0.0	0.0	-	-	0.0	0.5
		76. Pasir Mas	1.3	0.8	2.1	0.0	2.1	0.0	0.0	0.0	-	-	0.0	2.1
		77. Tumpat	3.3	2.0	5.3	0.0	5.3	0.0	0.0	0.0	-	-	0.0	5.3
		Rural Total	11.1	6.8	17.9	0.0	17.9	0.1	0.2	0.3	0.3	0.5	1.1	19.0
		Basin Total	66.1	6.8	72.9	0.5	73.4	30.5	30.2	60.7	0.3	0.5	61.5	134.9
41.	Rural	73. Tanah Merah	1.2	0.8	2.0	0.0	2.0	0.0	0.0	0.0	-	-	0.0	2.0
		76. Pasir Mas	2.7	1.7	4.4	0.0	4.4	0.0	0.0	0.0	-	-	0.0	4.4
		Rural Total	3.9	2.5	6.4	0.0	6.4	0.0	0.0	0.0	0.1	0.0	0.1	6.5
	Basin Total	3.9	2.5	6.4	0.0	6.4	0.0	0.0	0.0	0.1	0.0	0.1	6.5	
Total for Peninsular Malaysia		1456.7	50.3	1507.0	3.2	1510.2	905.0	792.4	1697.4	16.5	39.8	1753.7	3263.9	

Remarks; (1) All the figures are given in terms of source demand.  
(2) Demand figures for palm oil mills and rubber factories are given only for the whole rural area in each basin.

Table 1.15 GROSS OUTPUT VALUE RATIOS OF CITIES/TOWNS  
AND RURAL AREA TO STATE (1/4)

		Unit: %			
State	City/Rural	1980	1985	1990	2000
<u>Kedah/Perlis</u>					
	1 Kangar	9.0	11.5	12.4	13.2
	2 Alor Star	28.4	36.2	39.3	41.7
	3 Sg. Petani	17.8	22.6	24.6	26.2
	4 Kulim	2.2	2.9	3.1	3.3
	101 Jitra	0.9	1.2	1.3	1.3
	102 Guar Chempedak	2.9	3.6	3.8	4.3
	103 Yan	2.4	3.1	3.4	3.6
	104 Tikan Batu	1.3	2.6	3.2	4.0
	Sub-total	64.9	83.5	91.1	97.6
	Rural	35.1	16.3	8.9	2.4
<b>Total</b>		<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<u>Pulau Pinang</u>					
	5 Butterworth	21.0	23.6	25.3	26.8
	6 Bukit Mertajam	8.0	8.9	9.6	10.1
	8 Georgetown	11.9	13.3	14.3	15.1
	105 Air Itam	5.7	7.5	8.9	9.8
	106 Tg. Tokong	2.2	2.7	2.9	3.2
	107 Tasek Gelugor	0.6	0.7	0.8	0.8
	108 Tg. Bunga	1.7	2.1	2.3	2.6
	109 Kg. PMTG Kuching	1.6	2.1	2.6	3.0
	110 Prai	17.1	19.1	20.5	21.7
	Sub-total	69.8	80.0	87.2	93.1
	Rural	30.2	20.0	12.8	6.9
<b>Total</b>		<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<u>Perak</u>					
	10 Taping	22.7	22.7	22.7	22.7
	11 Kuala Kangsar	2.9	2.9	2.9	2.9
	12 Sg. Sipit Utara	0.8	0.8	0.8	0.8
	13 Ipoh	25.8	25.8	25.8	25.8
	14 Batu Gajah	1.3	1.3	1.3	1.3
	15 Kampar	1.5	1.5	1.5	1.5
	17 Telok Anson	7.8	7.8	7.8	7.8
	18 Tapah	1.7	1.7	1.7	1.7
	111 Baru Mambang	1.0	1.0	1.0	1.0
	112 Bagan Serai	0.1	0.1	0.1	0.1
	113 Jelapang	1.3	1.3	1.3	1.3
	Sub-total	68.9	68.9	68.9	68.9
	Rural	31.1	31.1	31.1	31.1
<b>Total</b>		<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Table 116 GROSS OUTPUT VALUE RATIOS OF CITIES/TOWNS  
AND RURAL AREA TO STATE (2/4)

		Unit: %			
State	City/Rural	1980	1985	1990	2000
<u>Selangor</u>					
	21 Kuala Kubu Baru	0.5	0.5	0.5	0.4
	22 Klang	9.8	11.7	12.3	12.9
	23 Shah Alam	1.2	1.9	2.5	3.6
	24 Petaling Jaya	35.3	42.1	44.5	46.5
	25 Bandaraya K1	22.0	26.2	27.7	29.0
	26 Kajang Chua	1.5	1.7	1.6	1.4
	114 Sungei Buloh	0.3	0.3	0.3	0.4
	115 Semenyih	0.5	0.5	0.4	0.3
	116 Ampang	0.1	0.2	0.2	0.2
	117 Serdang Baru	0.8	0.8	0.8	0.6
	Sub-total	72.0	85.9	90.8	95.3
	Rural	28.0	14.1	9.2	4.7
Total		100.0	100.0	100.0	100.0
<u>Negeri Sembilan</u>					
	28 Port Dickson	71.2	75.6	77.7	79.3
	29 Seremban	12.7	13.5	13.8	14.1
	30 Kuala Pilah	2.5	2.6	2.7	2.8
	118 Bahau	1.2	1.2	1.3	1.3
	119 Tampin	1.2	1.2	1.3	1.3
	Sub-total	88.8	94.1	96.8	98.8
	Rural	11.2	5.9	3.2	1.2
Total		100.0	100.0	100.0	100.0
<u>Melaka</u>					
	31 Melaka	64.4	70.0	76.5	72.5
	120 Kelebang	6.2	6.9	8.0	8.4
	121 Bukit Baru	13.0	13.9	16.1	16.9
	Sub-total	83.6	90.8	94.6	97.8
	Rural	16.4	9.2	5.4	2.2
Total		100.0	100.0	100.0	100.0

Table 117 GROSS OUTPUT VALUE RATIOS OF CITIES/TOWNS  
AND RURAL AREA TO STATE (3/4)

		Unit: %			
State	City/Rural	1980	1985	1990	2000
<u>Johor</u>					
	32 Segamat	2.0	2.3	2.5	2.6
	33 Tangkak	0.1	0.1	0.1	0.1
	34 Muar	5.6	6.4	6.9	7.2
	35 Batu Pahat	6.5	7.5	8.0	8.3
	37 Pontian Kechil	4.4	5.1	5.4	5.7
	38 Kulai	9.6	11.0	11.8	12.3
	39 Johor Bahru	21.2	24.2	25.8	27.2
	40 Kota Tinggi	2.2	2.5	2.7	2.8
	41 Keluang	8.0	9.1	9.7	10.2
	42 Mersing	1.7	1.9	2.4	2.7
	122 Labis	1.7	1.9	2.0	2.1
	123 Yong Peng	3.2	3.6	3.9	4.1
	124 Pekan Nanas	1.2	1.1	1.0	0.9
	125 Jementah	0.9	1.0	0.9	0.8
	126 Ulu Tiam	4.9	5.6	5.9	6.2
	127 Senai	0.8	1.0	0.9	1.0
	128 Kelapa Sawit	0.8	0.9	0.8	0.8
	129 Masai	0.7	1.0	1.2	1.5
	Sub-total	75.5	86.2	91.9	96.5
	Rural	24.5	13.8	8.1	3.5
<b>Total</b>		<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<u>Pahang</u>					
	45 Temerloh	9.9	9.6	9.5	11.6
	46 Bentong	1.6	1.5	1.5	1.9
	47 Kuantan	22.2	21.5	21.5	26.1
	48 Jerantut	10.4	10.2	10.1	12.3
	49 Raub	4.7	4.5	4.5	5.5
	50 Kuala Lipis	2.7	1.9	1.5	1.2
	130 Mentakab	7.3	7.1	7.1	8.7
	131 Teriang	2.2	1.7	1.5	1.4
	C137 - 156	20.1	37.3	40.6	30.4
	Sub-total	81.1	95.3	97.8	99.1
	Rural	18.9	4.7	2.2	0.9
<b>Total</b>		<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>



Table 118 GROSS OUTPUT VALUE RATIOS OF CITIES/TOWNS  
AND RURAL AREA TO STATE (4/4)

		Unit: %			
State	City/Rural	1980	1985	1990	2000
<u>Trengganu</u>					
	51 Chukai	4.5	7.8	8.8	9.5
	52 Dungun	6.3	10.9	12.3	13.3
	53 Kuala Trengganu	34.1	59.0	66.5	72.3
	132 Ulu Trengganu	0.9	1.6	1.9	2.2
	Sub-total	45.8	79.3	89.5	97.3
	Rural	54.2	20.7	10.5	2.7
Total		100.0	100.0	100.0	100.0
<u>Kelantan</u>					
	54 Tanah Merah	8.9	10.2	10.5	10.9
	55 Kota Bahru	45.8	52.5	54.5	56.3
	56 Peringat	4.6	4.4	3.6	2.9
	57 Pangkal Kalong	7.4	7.7	7.4	7.1
	58 Pasir Mas	3.1	3.5	3.6	3.7
	133 Kuala Krai	10.0	11.5	11.9	12.3
	134 Kadok	4.0	3.6	3.4	2.8
	135 Gua Musang	1.8	2.1	2.0	2.2
	136 Rantau Panjang	1.5	1.8	1.6	1.5
	Sub-total	87.1	97.3	98.6	99.7
	Rural	12.9	2.7	1.4	0.3
Total		100.0	100.0	100.0	100.0

Table 119 GROSS OUTPUT VALUE RATIOS OF CITIES/TOWNS  
AND RURAL AREA TO STATE UNDER THE CONDITION  
OF LOWER ECONOMIC GROWTH (1/4)

		Unit: %			
State	City/Rural	1980	1985	1990	2000
<u>Kedah/Perlis</u>					
	1 Kangar	9.0	11.4	12.3	13.1
	2 Alor Star	28.4	36.2	38.7	41.4
	3 Sg. Petani	17.8	22.4	24.3	26.0
	4 Kulim	2.2	2.9	3.1	3.3
	101 Jitra	0.9	1.2	1.2	1.3
	102 Guar Chempedak	2.9	3.7	4.0	4.1
	103 Yan	2.4	3.1	3.3	3.5
	104 Tikan Batu	1.3	2.2	2.9	3.8
	Sub-total	64.9	83.1	89.8	96.5
	Rural	35.1	16.9	10.2	3.5
<b>Total</b>		<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<u>Pulau Pinang</u>					
	5 Butterworth	21.0	23.4	24.6	25.8
	6 Bukit Mertajam	8.0	8.9	9.4	9.8
	8 Georgetown	11.9	13.2	14.0	14.6
	105 Air Itam	5.7	7.4	8.6	9.5
	106 Tg. Tokong	2.2	2.6	2.9	3.2
	107 Tasek Gelugor	0.6	0.7	0.8	0.8
	108 Tg. Bunga	1.7	2.1	2.4	2.5
	109 Kg. PMTG Kuching	1.6	2.1	2.5	2.8
	110 Prai	17.1	18.9	20.0	21.0
	Sub-total	69.8	79.3	85.2	90.0
	Rural	30.2	20.7	14.8	10.0
<b>Total</b>		<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<u>Perak</u>					
	10 Taping	22.7	27.2	29.3	31.0
	11 Kuala Kangsar	2.9	3.5	3.8	4.0
	12 Sg. Sipit Utara	0.8	1.0	1.0	1.1
	13 Ipoh	25.7	31.0	33.3	35.2
	14 Batu Gajah	1.2	1.3	1.3	1.3
	15 Kampar	1.5	1.8	1.9	2.0
	17 Telok Anson	7.8	9.3	10.1	10.6
	18 Tapah	1.7	2.0	2.2	2.3
	111 Baru Mambang	1.2	1.3	1.3	1.3
	112 Bagan Serai	3.3	3.9	4.2	4.5
	113 Jelapang	0.1	0.2	0.2	0.2
	Sub-total	68.9	82.5	88.6	93.5
	Rural	31.1	17.5	11.4	6.5
<b>Total</b>		<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Table 120 GROSS OUTPUT VALUE RATIOS OF CITIES/TOWNS  
AND RURAL AREA TO STATE UNDER THE CONDITION  
OF LOWER ECONOMIC GROWTH (2/4)

Unit: %

State	City/Rural	1980	1985	1990	2000
<u>Selangor</u>					
	21 Kuala Kubu Baru	0.5	0.5	0.5	0.4
	22 Klang	9.8	10.9	11.8	12.7
	23 Shah Alam	1.2	1.7	2.3	3.4
	24 Petaling Jaya	35.3	39.3	42.6	45.7
	25 Bandaraya Kl	22.0	24.5	26.6	28.5
	26 Kajang Chua	1.5	1.5	1.5	1.4
	114 Sungei Buloh	0.3	0.3	0.3	0.3
	115 Semenyih	0.5	0.5	0.4	0.4
	116 Ampang	0.1	0.2	0.2	0.2
	117 Serdang Baru	0.8	0.8	0.8	0.6
	Sub-total	72.0	80.2	87.0	93.5
	Rural	28.0	19.8	13.0	6.5
Total		100.0	100.0	100.0	100.0
<u>Negeri Sembilan</u>					
	28 Port Dickson	71.2	75.6	77.4	78.8
	29 Seremban	12.7	13.5	13.7	14.1
	30 Kuala Pilah	2.5	2.6	2.7	2.8
	118 Bahau	1.2	1.2	1.3	1.3
	119 Tampin	1.2	1.2	1.3	1.3
	Sub-total	88.8	94.1	96.4	98.3
	Rural	11.2	5.9	3.6	1.7
Total		100.0	100.0	100.0	100.0
<u>Melaka</u>					
	31 Melaka	64.4	68.4	70.3	71.5
	120 Kelebang	6.2	7.4	7.6	8.5
	121 Bukit Baru	13.0	14.7	15.9	16.9
	Sub-total	83.6	90.5	93.8	96.9
	Rural	16.4	9.5	6.2	3.1
Total		100.0	100.0	100.0	100.0

Table 121 GROSS OUTPUT VALUE RATIOS OF CITIES/TOWNS  
AND RURAL AREA TO STATE UNDER THE CONDITION  
OF LOWER ECONOMIC GROWTH (3/4)

		Unit: %			
State	City/Rural	1980	1985	1990	2000
<u>Johor</u>					
	32 Segamat	2.0	2.0	2.4	2.6
	33 Tangkak	0.1	0.1	0.1	0.1
	34 Muar	5.7	6.5	6.8	7.1
	35 Batu Pahat	6.6	7.5	7.9	8.3
	37 Pontian Kechil	4.5	5.1	5.4	5.6
	38 Kulai	9.8	11.2	11.7	12.3
	39 Johor Bahru	21.4	24.5	25.7	26.9
	40 Kota Tinggi	2.2	2.6	2.7	2.8
	41 Keluang	8.1	9.2	9.7	10.1
	42 Mersing	1.7	2.0	2.3	2.7
	122 Labis	1.7	1.9	2.0	2.1
	123 Yong Peng	3.2	3.7	3.9	4.1
	124 Pekan Nanas	1.2	1.1	1.0	0.8
	125 Jementah	0.9	0.9	0.9	0.8
	126 Ulu Tiam	4.9	5.6	5.9	6.2
	127 Senai	0.8	0.9	1.0	1.0
	128 Kelapa Sawit	-	-	-	-
	129 Masai	0.7	1.0	1.2	1.4
	Sub-total	75.5	85.5	90.6	94.9
	Rural	24.5	14.5	9.4	5.1
Total		100.0	100.0	100.0	100.0
<u>Pahang</u>					
	45 Temerloh	9.9	9.9	9.7	11.2
	46 Bentong	1.6	1.6	1.5	1.8
	47 Kuantan	22.2	22.3	21.7	25.3
	48 Jerantut	10.4	10.5	10.2	11.9
	49 Raub	4.7	4.7	4.8	5.3
	50 Kuala Lipis	2.7	2.0	1.5	1.2
	130 Mentakab	7.3	7.4	7.2	8.4
	131 Teriang	2.2	1.8	1.5	1.4
	C137-156 PT1 - PT20	20.1	35.0	39.3	32.2
	Sub-total	81.1	95.2	97.4	98.7
	Rural	18.9	4.8	2.6	1.3
Total		100.0	100.0	100.0	100.0

Table 122 GROSS OUTPUT VALUE RATIOS OF CITIES/TOWNS  
AND RURAL AREA TO STATE UNDER THE CONDITION  
OF LOWER ECONOMIC GROWTH (4/4)

		Unit: %			
State	City/Rural	1980	1985	1990	2000
<u>Trengganu</u>					
	51 Chukai	4.5	15.4	17.2	18.8
	52 Dongun	6.3	9.6	10.8	11.6
	53 Kuala Trengganu	34.1	51.8	58.1	63.5
	132 Ulu Trengganu	0.9	1.6	1.8	2.2
	Sub-total	45.8	78.4	87.9	96.1
	Rural	54.2	21.6	22.1	3.9
Total		100.0	100.0	100.0	100.0
<u>Kelantan</u>					
	54 Tanah Merah	9.0	10.3	10.6	11.0
	55 Kota Bahru	46.7	53.0	54.9	57.0
	56 Peringat	4.7	4.2	3.7	3.0
	57 Pangkal Kalong	7.4	7.6	7.4	7.2
	58 Pasir Mas	3.1	3.5	3.7	3.8
	133 Kuala Krai	10.2	11.6	12.0	12.5
	134 Kadok	4.1	3.7	3.4	2.8
	135 Gua Musang	1.9	2.1	2.1	2.2
	136 Rantau Panjang	-	-	-	-
	Sub-total	87.1	96.0	97.8	99.4
	Rural	12.9	4.0	2.2	0.6
Total		100.0	100.0	100.0	100.0

Table 123 PROJECTED NET UNIT MANUFACTURING WATER USE PER GROSS VALUE OF MANUFACTURING OUTPUT BY COMMODITY GROUP

Unit: m<sup>3</sup>/d/M\$10<sup>6</sup>/y

Commodity Group	Estimated 1980	Projected		Malaysian Data	
		1985	1990 & 2000	Sampling*1 Survey	Kedah/Perlis*2 Report
Food	75.0	73.0	71.0	-	97
Textile	77.0	75.0	73.0	27	-
Wood Product	12.3	12.7	13.0	-	24
Paper Product	560.7	540.3	520.0	-	-
Publishing	10.0	10.0	10.0	-	-
Chemicals	136.7	133.3	130.0	392	65
Rubber Manufacturing	105.7	85.3	65.0	-	28
Non-metal	86.7	69.3	68.0	108	-
Basic Metal	51.7	50.3	49.0	0	-
Machinery	17.3	18.7	20.0	22	96
Miscellaneous	48.3	48.7	49.0	12	-

Remarks; (1): The values indicated are net manufacturing water use excluding the water used cyclically per M\$10<sup>6</sup> of the gross value of manufacturing output at 1970 price.

\*1: Sampling survey carries out by the Study Team in 1980

\*2: Ref. 12

Table 124 PROJECTED PROCESSING VOLUME IN PALM OIL MILLS AND RUBBER FACTORIES BY STATE

State	Palm Oil					Rubber						
	No. of /1 Mills		No. of /1 Factories			No. of /1 Mills		No. of /1 Factories				
	1980	1985	1990	2000	1980	1985	1990	2000	1980	1985	1990	2000
Perlis	-	-	-	-	-	-	-	-	-	-	-	-
Kedah	1	36	60	60	21	222	246	269	222	246	269	411
Pulau Pinang	4	15	89	91	9	118	127	135	118	127	135	223
Perak	23	584	1,318	1,470	27	2,425	211	221	200	211	221	313
Selangor	24	1,445	1,888	1,945	25	3,325	216	225	206	216	225	255
Negeri Sembilan	8	295	721	960	26	1,150	168	178	159	168	178	205
Melaka	2	61	106	108	13	108	139	145	132	139	145	161
Johor	34	2,036	3,469	3,501	50	6,400	314	338	291	314	338	375
Pahang	30	3,073	4,476	4,509	17	5,100	100	116	84	100	116	212
Trengganu	8	511	1,148	1,156	1	1,250	9	10	8	9	10	14
Kelantan	4	128	310	363	7	465	22	24	20	22	24	34
Total	138	8,184	13,585	14,163	196	20,534	1,552	1,661	1,439	1,552	1,661	2,203

Remarks; /1: No. of mills or factories in 2000

(1): FFB 103 tons/y for palm oil mills and dry rubber constant 103 tons/y for rubber factories

Table 125 TIN MINES WATER DEMAND

Unit:  $10^6 \text{ m}^3/\text{y}$

Basin No.	Water Demand
9	8
10	293
11	15
15	28
16	87
24	11
25	1
27	2
28	2
30	3
31	4
32	1
34	1
Total	456

Table 126 ASSUMED WATER SUPPLY TO SINGAPORE

Unit:  $10^6 \text{ m}^3/\text{y}$

Basin No.	1980	1985	1990	2000	Lower Economic Growth			
					1980	1985	1990	2000
23	7	7	7	7	7	7	7	
24	191	243	309	407	191	233	267	372
Total	198	250	316	414	198	240	274	379

Remarks; Volume of water to be abstracted from the rivers.



Table 127 UNIT DIRECT CONSTRUCTION COST  
FOR WATER MAINS

Unit: M\$/m

Diameter (mm)	Pipe & Valve	Civil Works	Total
600	280	50	330
900	500	70	570
1,200	870	90	960
1,350	1,060	100	1,160

Remarks: In 1980 end constant price.

Table 128 DIRECT CONSTRUCTION COST FOR PUMP STATIONS

Item	Type									
	1	2	3	4	5	6	7	8	9	10
Discharge Q (m <sup>3</sup> /min)	10	10	50	50	50	100	100	100	200	200
Head H (m)	20	40	20	40	90	20	40	90	20	40
Motor capacity (kw)	50	100	230	550	1250	480	980	2200	1100	1850
Construction cost										
Pump cost (M\$10 <sup>3</sup> )	45	80	165	245	420	365	475	1045	755	1320
Civil cost (M\$10 <sup>3</sup> )	45	80	165	245	420	365	475	1045	755	1320
Total cost (M\$10 <sup>3</sup> )	90	160	330	490	840	730	950	2090	1510	2640

Remarks; In 1980 end constant price

Table 129 UNIT LAWD ACQUISITION COST

Unit: M\$ 10<sup>3</sup>/ha

Classification	Cost	Classification	Cost
Irrigated paddy	25	Urban area class S	1,000
Rainfed paddy	15	Urban area class A	100
Tree crop field class A	15	Urban area class B	50
Tree crop field class B	10	Village area class A	50
Tree crop field class C	5	Village area class B	10
Forest class A	5		
Forest class B	1		

Remarks; S = very good access; A = good access;  
 B = poor access; C = very poor access

In 1980 end constant price

Table 130 UNIT DIRECT CONSTRUCTION COST FOR DISTRIBUTION AND RETICULATION SYSTEMS

Unit: M\$/m

Diamter (mm)	Pipes Valve	Civil Works	Total
100	45	5	50
200	80	15	95
300	115	20	135
400	155	30	185
500	215	40	255

Remarks: In 1980 end constant price

Table 131 CLASSIFICATION OF MANPOWER

Grade	Category	Grade	Category
A	Engineer, Superscale F Engineer, Superscale G Engineer, Senior Timescale Engineer, Timescale Quantity surveyor	C	Stenographer Clerk Storekeeper
B	Technical Assistant, Special Grade Technical Assistant, Timescale	D	Typist Junior Clerk Junior Storekeeper Office Boy Drivers I.M.G.
C	Special Grade Technician Timescale Technician Draftsman Grade I Draftsman Grade II		

Table 132 UNIT MANPOWER REQUIREMENT

Grade	O & M <sup>/1</sup>	Construction <sup>/2</sup>
A	1.0	2
B	1.5	2
C	7.5	2
D	60.0	2

Remarks: /1: Persons per every  $100 \times 10^3 \text{ m}^3/\text{d}$   
of source demand.

/2: Persons per every  $100 \times 10^3 \text{ m}^3/\text{d/y}$



## ***FIGURES***





Fig. 1 Administrative Division

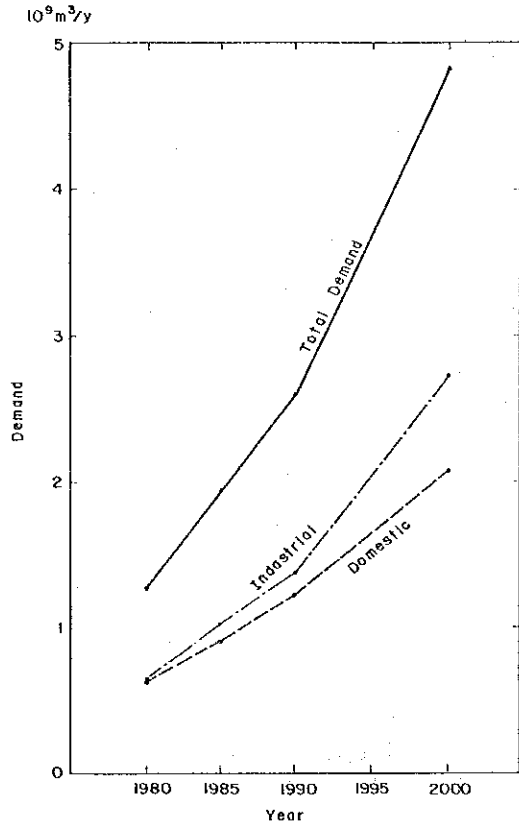


Fig. 2 Projected D & I Water Demand

Remarks: (1): In terms of source demand  
(2): Industrial water demand includes manufacturing water demand and processing water demand

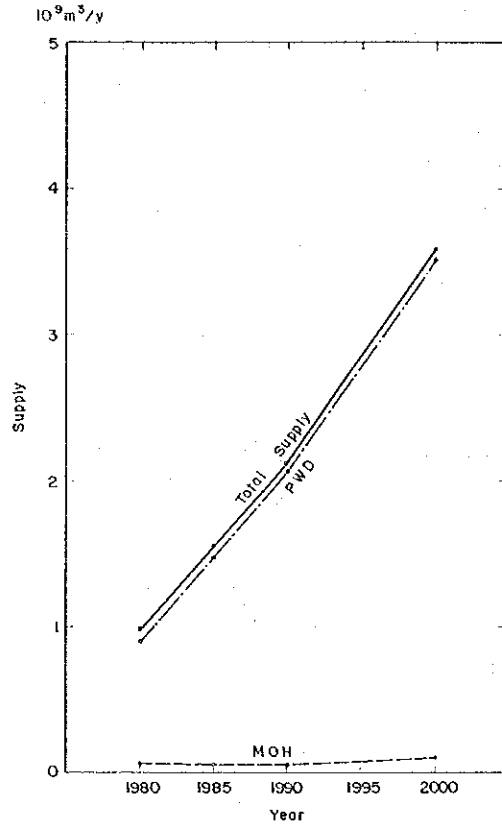


Fig. 3 Projected Public Water Supply

Remarks: (1): In terms of source demand  
(2): PWD: State PWDs, Waterworks Departments and Water Authorities

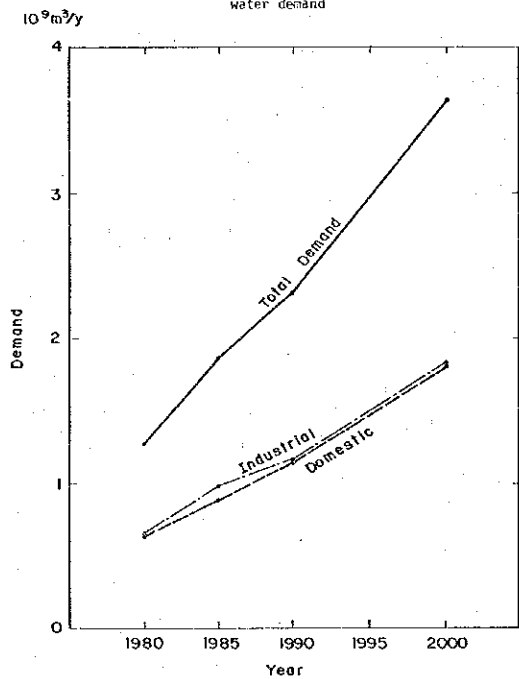


Fig. 4 Projected D & I Water Demand Under the Condition of Lower Economic Growth

Remarks: (1): In terms of source demand  
(2): Industrial water demand includes manufacturing water demand and processing water demand

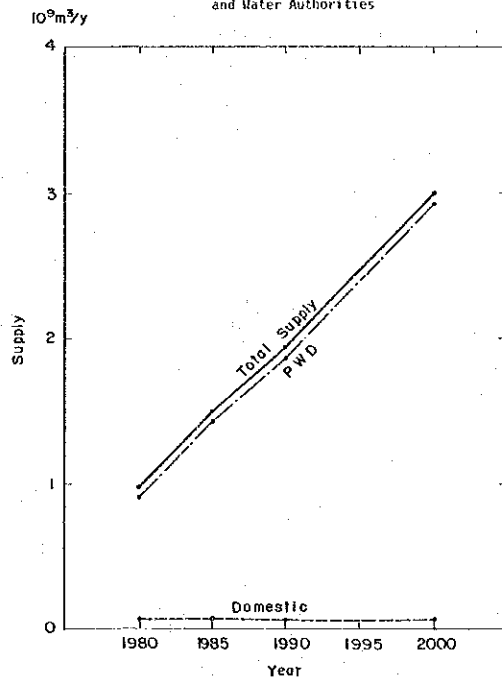


Fig. 5 Projected Public Water Supply Under the Condition of Lower Economic Growth

Remarks: (1) In terms of source demand  
(2) PWD: State PWDs, Waterworks Departments and Water Authorities