

JAM. SYED OMAR

muda dam					
D T	IN	OUT	H	Y	
0	10.11.	59.10	.00	100.580	158488600.
1	10.12.	59.10	.97	100.652	158699600.
2	10.13.	59.10	1.92	100.673	158907200.
3	10.14.	59.10	2.85	100.684	159111300.
4	10.15.	59.10	3.79	100.695	159312100.
5	10.16.	59.10	4.69	100.706	159509600.
6	10.17.	59.10	5.59	100.717	159703900.
7	10.18.	59.87	6.47	100.727	159896300.
8	10.19.	61.74	7.35	100.738	160090300.
9	10.20.	65.48	8.29	100.749	160291100.
10	10.21.	71.47	9.28	100.761	160506000.
11	10.22.	75.59	10.33	100.773	160735400.
12	10.23.	76.69	11.41	100.786	160970400.
13	11. 0.	76.75	12.48	100.799	161203600.
14	11. 1.	76.43	13.54	100.812	161432500.
15	11. 2.	77.25	14.57	100.824	161658500.
16	11. 3.	79.64	15.62	100.836	161886500.
17	11. 4.	83.63	16.71	100.849	162122200.
18	11. 5.	88.52	17.85	100.863	162369900.
19	11. 6.	92.93	19.04	100.877	162630100.
20	11. 7.	96.00	20.28	100.892	162899400.
21	11. 8.	97.79	21.54	100.907	163173000.
22	11. 9.	98.65	22.80	100.922	163446800.
23	11.10.	98.89	24.04	100.937	163718000.
24	11.11.	98.71	25.27	100.952	163984900.
25	11.12.	98.26	27.72	100.966	164244100.
26	11.13.	97.63	30.44	100.979	164492000.
27	11.14.	96.91	33.03	100.992	164727900.
28	11.15.	97.37	35.52	101.005	164954300.
29	11.16.	98.26	37.93	101.017	165174200.
30	11.17.	99.82	40.30	101.029	165389900.
31	11.18.	101.51	42.64	101.040	165603000.
32	11.19.	103.32	44.96	101.052	165814000.
33	11.20.	104.13	47.24	101.063	166021500.
34	11.21.	116.65	49.69	101.076	166244400.
35	11.22.	182.51	53.56	101.095	166597100.
36	11.23.	310.37	61.04	101.132	167278000.
37	12. 0.	407.53	72.59	101.190	168329700.
38	12. 1.	428.84	85.89	101.257	169549700.
39	12. 2.	415.97	99.04	101.322	170737300.
40	12. 3.	392.59	110.87	101.381	171814900.
41	12. 4.	366.76	121.30	101.433	172763800.
42	12. 5.	341.97	130.33	101.478	173586600.
43	12. 6.	319.75	138.11	101.517	174294500.
44	12. 7.	300.21	144.77	101.550	174901200.
45	12. 8.	283.08	151.91	101.579	175417100.
46	12. 9.	268.02	159.20	101.602	175849100.
47	12.10.	254.71	165.21	101.622	176206000.
48	12.11.	242.88	170.14	101.638	176498000.
49	12.12.	232.31	174.11	101.651	176733700.

muda dam					
D T	IN	OUT	H	Y	
50	12.13.	222.82	177.26	101.661	176920500.
51	12.14.	214.26	179.69	101.669	177064800.
52	12.15.	217.45	181.82	101.676	177191100.
53	12.16.	213.95	183.82	101.683	177309500.
54	12.17.	213.39	185.58	101.688	177413800.
55	12.18.	206.36	187.01	101.693	177498700.
56	12.19.	199.92	187.96	101.696	177555100.
57	12.20.	193.99	188.49	101.698	177586500.
58	12.21.	190.18	188.70	101.698	177599100.
59	12.22.	192.07	188.84	101.699	177607600.
60	12.23.	198.14	189.21	101.700	177629400.
61	13. 0.	201.80	189.84	101.702	177667000.
62	13. 1.	201.19	190.53	101.704	177707700.
63	13. 2.	198.35	191.07	101.706	177740000.
64	13. 3.	194.45	191.39	101.707	177758600.
65	13. 4.	190.13	191.44	101.707	177761800.
66	13. 5.	185.72	191.23	101.707	177749500.
67	13. 6.	181.39	190.78	101.705	177722600.
68	13. 7.	177.22	190.11	101.703	177682500.
69	13. 8.	173.25	189.23	101.700	177630500.
70	13. 9.	169.48	188.18	101.697	177568200.
71	13.10.	165.92	186.97	101.693	177496600.
72	13.11.	162.55	185.63	101.689	177417200.
73	13.12.	159.36	184.18	101.684	177330900.
74	13.13.	156.34	182.63	101.679	177238900.
75	13.14.	153.48	180.99	101.673	177142100.
76	13.15.	150.77	179.29	101.668	177041200.
77	13.16.	148.20	177.54	101.662	176937100.
78	13.17.	145.75	175.74	101.656	176830300.
79	13.18.	143.42	173.90	101.650	176721400.
80	13.19.	141.21	172.04	101.644	176611100.
81	13.20.	139.09	170.16	101.638	176499600.
82	13.21.	137.07	168.27	101.632	176387500.
83	13.22.	135.15	166.38	101.626	176275200.
84	13.23.	133.31	164.48	101.620	176162800.
85	14. 0.	131.54	162.60	101.614	176050800.
86	14. 1.	129.85	160.72	101.607	175939300.
87	14. 2.	128.23	158.85	101.601	175828700.
88	14. 3.	126.68	157.00	101.595	175719000.
89	14. 4.	125.19	155.17	101.589	175610400.
90	14. 5.	123.75	153.36	101.583	175503100.
91	14. 6.	122.37	151.58	101.578	175397300.
92	14. 7.	121.05	149.82	101.572	175292900.
93	14. 8.	119.77	148.09	101.566	175190100.
94	14. 9.	118.54	146.83	101.561	175088200.
95	14.10.	117.35	145.71	101.555	174986300.
96	14.11.	116.21	144.58	101.550	174884200.
97	14.12.	115.10	143.46	101.544	174782000.
98	14.13.	114.03	142.34	101.538	174680000.
99	14.14.	113.00	141.22	101.533	174578300.

Table with columns: TIME, MCSOUT, CB1R, CB1Q, CB2R, CB2Q, CC1IN, CC1OUT, CB3R, CB3Q, CC1CB3, CB4R, CB4Q, CC2IN. Rows 10.12 to 12.21.

Table with columns: TIME, CC2OUT, CB5R, CB5Q, CC2CB5, CB6R, CB6Q, CC3IN, CC3OUT, MC5+CC3, MB6R, MB6Q, MC6IN, MC6OUT. Rows 10.12 to 12.21.

LDG. VICTORIA

muda dan				
D	T	IN	OUT	V
0	15.17.	58.99	.00	100.580
1	15.18.	59.30	.97	100.662
2	15.19.	61.29	1.94	100.673
3	15.20.	66.74	2.96	100.685
4	15.21.	77.19	4.10	100.699
5	15.22.	79.05	5.31	100.713
6	15.23.	80.56	6.53	100.728
7	16. 0.	79.49	7.74	100.742
8	16. 1.	78.68	8.91	100.756
9	16. 2.	78.63	10.06	100.770
10	16. 3.	80.34	11.20	100.784
11	16. 4.	84.37	12.37	100.798
12	16. 5.	89.41	13.59	100.812
13	16. 6.	93.60	14.87	100.827
14	16. 7.	96.51	16.18	100.843
15	16. 8.	98.40	17.52	100.859
16	16. 9.	99.40	18.85	100.875
17	16.10.	99.66	20.18	100.891
18	16.11.	99.45	21.48	100.906
19	16.12.	98.92	22.76	100.922
20	16.13.	98.20	24.00	100.936
21	16.14.	97.37	25.21	100.951
22	16.15.	96.49	27.52	100.965
23	16.16.	95.58	30.18	100.978
24	16.17.	94.68	32.70	100.991
25	16.18.	93.79	35.08	101.003
26	16.19.	92.92	37.34	101.014
27	16.20.	92.09	39.48	101.025
28	16.21.	96.49	41.61	101.035
29	16.22.	105.03	43.90	101.047
30	16.23.	119.07	46.54	101.060
31	17. 0.	136.35	49.69	101.076
32	17. 1.	156.16	53.43	101.094
33	17. 2.	159.36	57.48	101.114
34	17. 3.	163.19	61.50	101.135
35	17. 4.	173.25	65.64	101.155
36	17. 5.	213.23	70.59	101.180
37	17. 6.	279.45	77.40	101.214
38	17. 7.	342.28	86.46	101.259
39	17. 8.	383.64	97.18	101.313
40	17. 9.	400.95	108.62	101.370
41	17.10.	395.38	119.85	101.426
42	17.11.	377.54	130.19	101.478
43	17.12.	356.86	139.38	101.524
44	17.13.	336.74	147.42	101.564
45	17.14.	318.21	157.89	101.598
46	17.15.	301.46	166.84	101.627
47	17.16.	286.38	174.33	101.652
48	17.17.	272.81	180.53	101.672
49	17.18.	260.56	185.60	101.688

muda dan				
D	T	IN	OUT	V
50	17.19.	266.87	190.20	101.703
51	17.20.	296.73	195.60	101.721
52	17.21.	308.03	201.89	101.741
53	17.22.	312.99	208.29	101.762
54	17.23.	296.84	213.98	101.781
55	18. 0.	282.65	218.44	101.795
56	18. 1.	272.89	221.94	101.807
57	18. 2.	277.27	225.07	101.817
58	18. 3.	301.07	228.84	101.829
59	18. 4.	327.53	233.88	101.846
60	18. 5.	337.21	239.68	101.864
61	18. 6.	331.32	245.25	101.883
62	18. 7.	319.16	249.96	101.898
63	18. 8.	305.24	253.63	101.910
64	18. 9.	291.46	256.26	101.918
65	18.10.	278.53	257.96	101.924
66	18.11.	266.65	258.82	101.927
67	18.12.	255.81	258.96	101.927
68	18.13.	245.93	258.48	101.926
69	18.14.	236.93	257.48	101.922
70	18.15.	228.69	256.03	101.918
71	18.16.	221.13	254.19	101.912
72	18.17.	214.18	252.04	101.905
73	18.18.	207.76	249.62	101.897
74	18.19.	201.82	246.98	101.888
75	18.20.	196.30	244.16	101.879
76	18.21.	191.17	241.19	101.869
77	18.22.	186.38	238.10	101.859
78	18.23.	181.90	234.92	101.849
79	19. 0.	177.70	231.68	101.838
80	19. 1.	173.76	228.38	101.828
81	19. 2.	170.06	225.05	101.817
82	19. 3.	166.56	221.71	101.806
83	19. 4.	163.27	218.37	101.795
84	19. 5.	160.15	215.03	101.784
85	19. 6.	157.20	211.71	101.773
86	19. 7.	154.40	208.42	101.763
87	19. 8.	151.75	205.16	101.752
88	19. 9.	149.22	201.94	101.742
89	19.10.	146.82	198.76	101.731
90	19.11.	144.53	195.63	101.721
91	19.12.	142.35	192.56	101.711
92	19.13.	140.27	189.54	101.701
93	19.14.	138.27	186.58	101.692
94	19.15.	136.37	183.68	101.682
95	19.16.	134.55	180.84	101.673
96	19.17.	132.80	178.06	101.664
97	19.18.	131.13	175.34	101.655
98	19.19.	129.52	172.69	101.646
99	19.20.	127.97	170.10	101.638

Table with columns: TIME, DB1R, DB1Q, DB2R, DB2Q, DC1IN, DC1OUT, DB3R, DB3Q, DC1DB3, DB4R, DB4Q, danIN, danOUT. Rows represent hourly data from 18.4 to 20.13.

Table with columns: TIME, MB1-1R, MB1-1Q, MC1-1IN, TAWAR, MB1-2R, MB1-2Q, MC1-2IN, MC1-2OUT, MB2R, MB2Q, MC2IN, MC2OUT, MB3R. Rows represent hourly data from 18.4 to 20.13.

Table with columns: TIME, CC2OUT, CB5R, CB5Q, CC2ICB5, CB5R, CB5Q, CC3IN, CC3OUT, MC5IC3, MB5R, MB5Q, MC6IN, MC6OUT. Rows 18.4 to 20.13.

Table with columns: TIME, KB1R, KB1Q, KB2R, KB2Q, KC1IN, KC1OUT, KB3R, KB3Q, KC1XB3, KB4R, KB4Q, KC2IN, KC2OUT. Rows 18.4 to 20.13.

1 CASE 1		Flood Analysis, 1983, Ldg. Victoria Gauging Station												PAGE
1-27														
TIME	KB1R	KB1Q	KB2R	KB2Q	KC11N	KC10UT	KB3R	KB3Q	KC11KB3	KB4R	KB4Q	KC21N	KC20UT	
20.14.	.00	15.42	.00	14.89	30.31	31.19	.00	7.32	38.52	.00	6.95	45.47	46.48	
20.15.	.00	15.32	.00	14.81	30.13	30.99	.00	7.28	38.27	.00	6.92	45.19	46.18	
20.16.	.00	15.22	.00	14.73	29.95	30.79	.00	7.24	38.03	.00	6.90	44.92	45.88	
20.17.	.00	15.12	.00	14.65	29.77	30.59	.00	7.20	37.79	.00	6.87	44.66	45.60	

1 CASE 1		Flood Analysis, 1983, Ldg. Victoria Gauging Station												PAGE
1-28														
TIME	KB5R	KB5Q	KC21KB5	KB6R	KB6Q	KC31N	K. PEGANG	KB7R	KB7Q	KC41N	KC40UT	KB8R	KB8Q	
20.14.	.00	13.47	59.95	.00	7.58	67.53	68.20	.00	10.87	79.07	84.26	.00	5.60	
20.15.	.00	13.39	59.57	.00	7.54	67.11	67.76	.00	10.81	78.57	83.62	.00	5.57	
20.16.	.00	13.32	59.20	.00	7.50	66.70	67.34	.00	10.75	78.09	83.00	.00	5.54	
20.17.	.00	13.25	58.85	.00	7.46	66.31	66.92	.00	10.70	77.62	82.40	.00	5.51	

1 CASE 1		Flood Analysis, 1983, Ldg. Victoria Gauging Station												PAGE
1-29														
TIME	KC51N	KC50UT	MC6+KC5	KB7R	KB7Q	MC71N	J.S. OMAR	KB8R	KB8Q	MC81N	MC80UT	SB1R	SB1Q	
20.14.	89.86	100.85	499.44	.00	7.06	506.51	526.91	.00	2.11	529.01	555.32	.00	33.69	
20.15.	89.19	99.83	494.57	.00	7.02	501.59	522.49	.00	2.10	524.59	552.80	.00	33.42	
20.16.	88.54	98.84	489.65	.00	6.98	496.62	517.95	.00	2.09	520.04	550.08	.00	33.15	
20.17.	87.91	97.89	484.71	.00	6.93	491.64	513.31	.00	2.08	515.39	547.16	.00	32.89	

1 CASE 1		Flood Analysis, 1983, Ldg. Victoria Gauging Station												PAGE
1-30														
TIME	SB2R	SB2Q	SC11N	SC10UT	RB1R	RB1Q	SC11RB1	MC8+RB1	KB9R	KB9Q	MC91N	VICTORIA		
20.14.	.00	35.39	69.08	84.64	.00	18.15	102.79	658.12	.00	4.23	662.34	674.90		
20.15.	.00	35.09	68.51	83.67	.00	18.01	101.69	654.49	.00	4.20	658.69	671.96		
20.16.	.00	34.80	67.95	82.73	.00	17.88	100.61	650.70	.00	4.16	654.86	668.85		
20.17.	.00	34.52	67.41	81.82	.00	17.75	99.57	646.73	.00	4.13	650.87	665.56		

DATA BOOK II
FLOOD MITIGATION PLAN

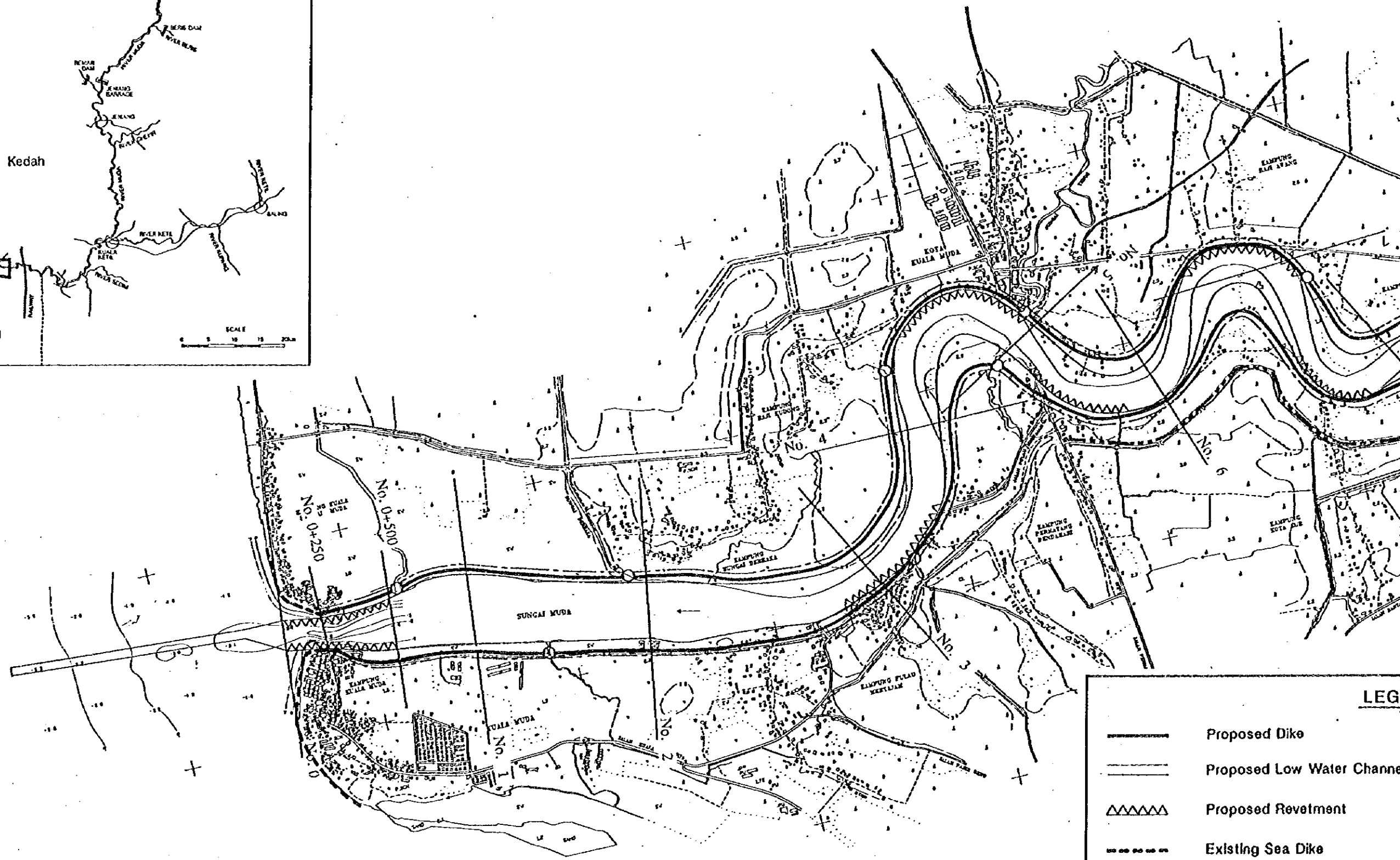
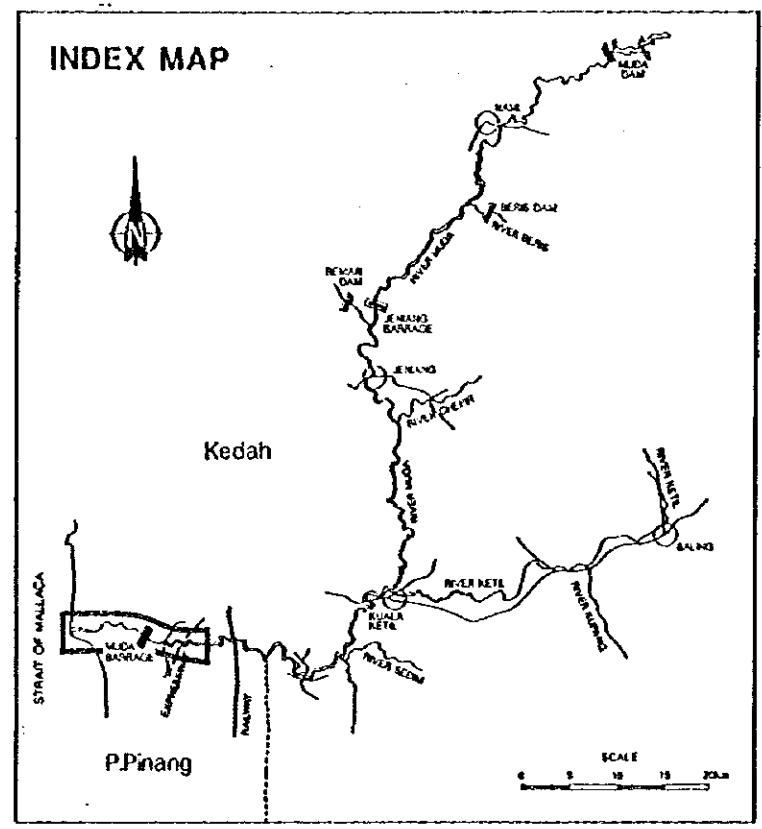
**DATA BOOK II
FLOOD MITIGATION PLAN**

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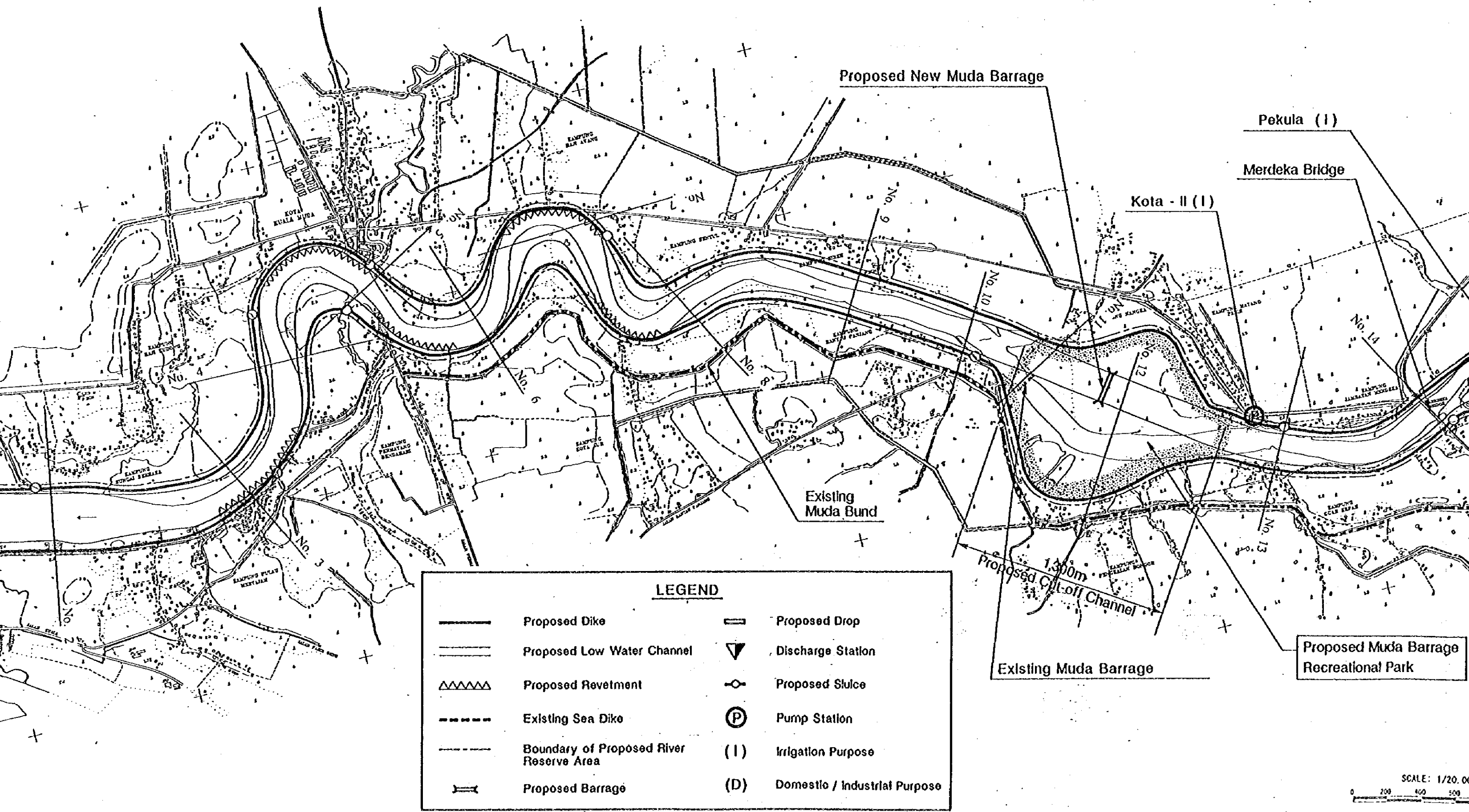
RIVER PLAN

INDEX MAP



LEG

	Proposed Dike
	Proposed Low Water Channel
	Proposed Revetment
	Existing Sea Dike
	Boundary of Proposed River Reserve Area
	Proposed Barrage



Proposed New Muda Barrage

Pokula (I)

Merdeka Bridge













Kota - II (I)

Existing Muda Bund

Existing Muda Barrage

Proposed Muda Barrage Recreational Park

LEGEND

- | | | | |
|---|---|---|-------------------------------|
|  | Proposed Dike |  | Proposed Drop |
|  | Proposed Low Water Channel |  | Discharge Station |
|  | Proposed Revetment |  | Proposed Sluice |
|  | Existing Sea Dike |  | Pump Station |
|  | Boundary of Proposed River Reserve Area |  | Irrigation Purpose |
|  | Proposed Barrage |  | Domestic / Industrial Purpose |

SCALE: 1/20,000
0 200 400 500

