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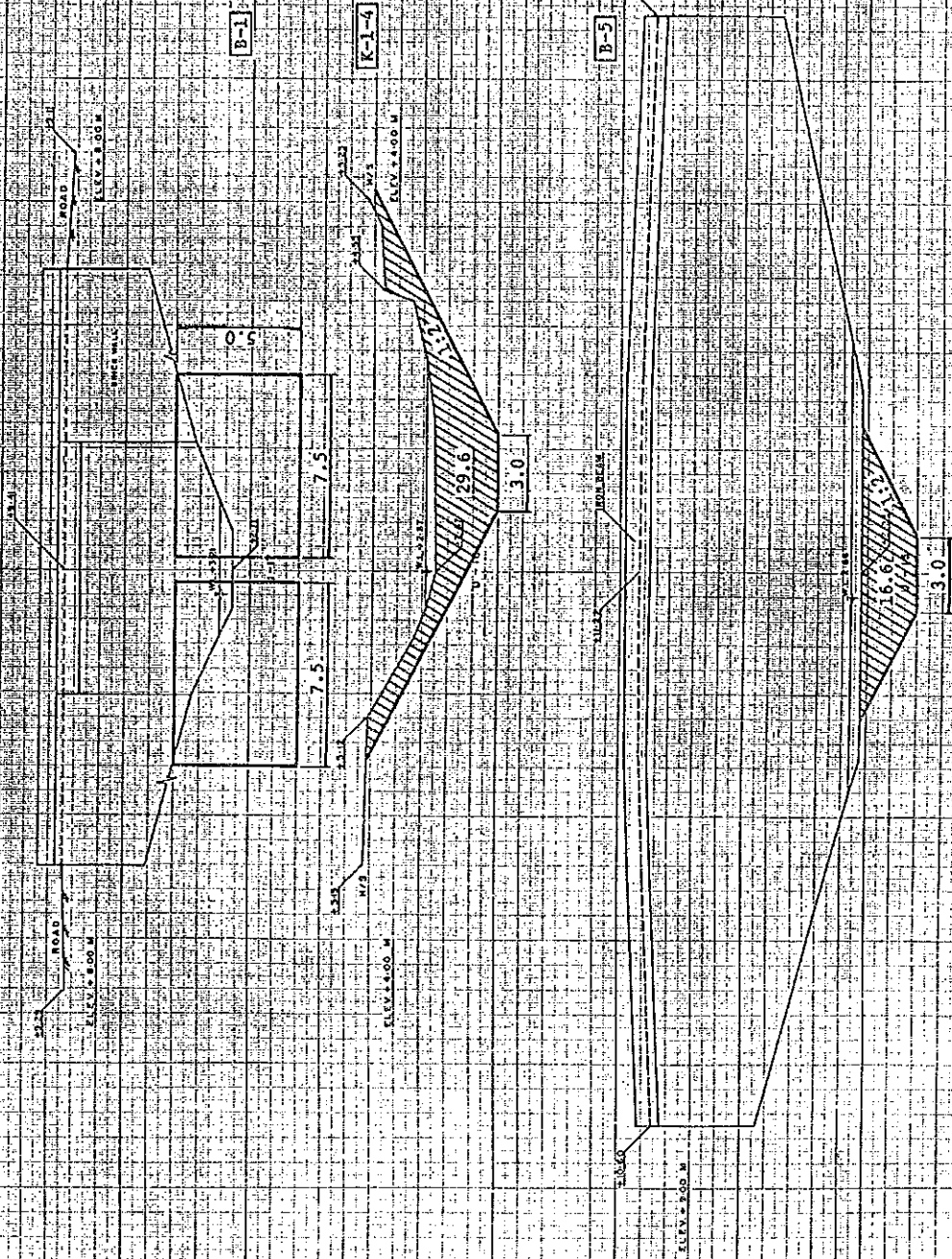
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DATE

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PROPOSED CROSS SECTION OF KHAL IMPROVEMENT (10)



PROPOSED CROSS SECTION OF KHAL IMPROVEMENT (11)

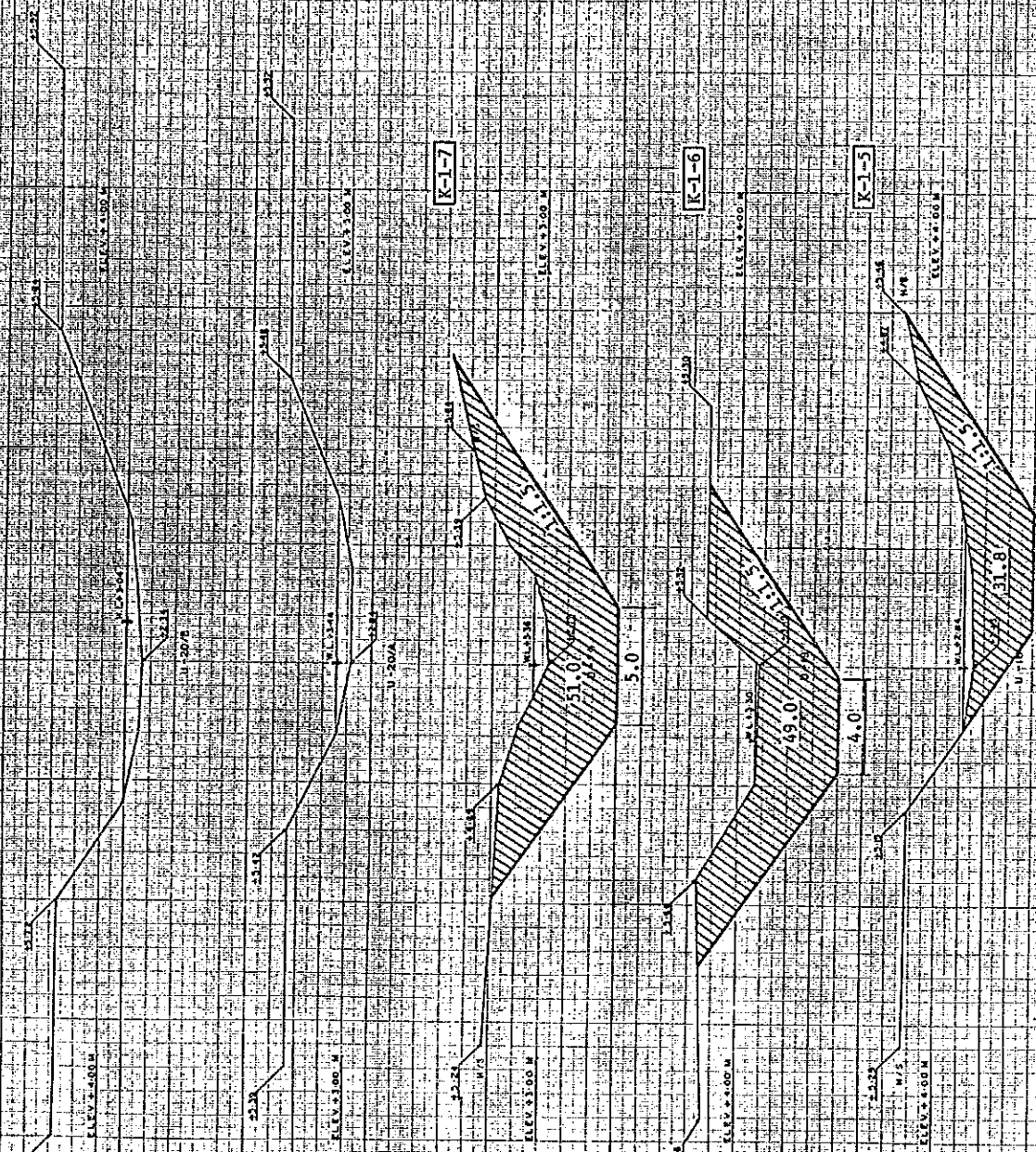
CROSS SECTION OF

DHOLAI KHAL

SCALE: 1:1000

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PROPOSED CROSS SECTION OF KHAL IMPROVEMENT (12)

CROSS SECTION OF

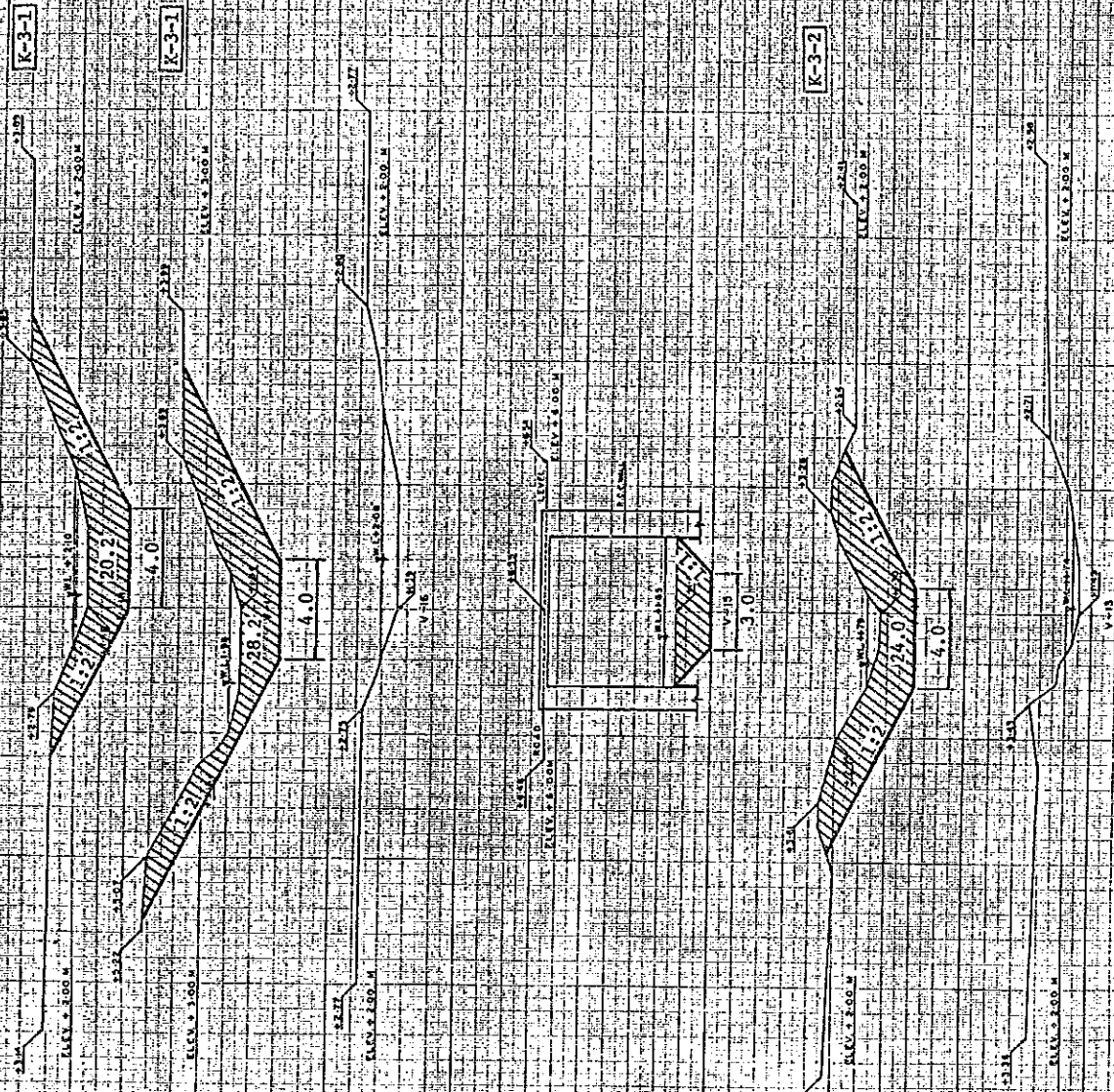
OROLAI KHAL

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PROPOSED CROSS SECTION OF KHAL IMPROVEMENT (13)



CROSS SECTION

OF

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DATA BOOK II-4 : WATER QUALITY

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Existing Water Quality Condition of Dharamondi Lake

Sampling Date 21 Oct '84.

St. No.	Time of Collection	Temp* (°C) F/L	E.C.*	pH F/L	Chloride	T-Alka	T.S.	SS	DO	BOD	Turbidity (JTV)	* Coli Colonies (100ml)
St. 1	6:30	27 / 29	1350	6.9 / 5.8	110	256	576	95	1.0	117	150	1900
	12:30	30 / 29	720	6.9 / 6.0	28	118	524	101	1.1	114	145	1600
St. 2	6:45	27 / 29	900	7.0 / 5.8	30	110	257	36	2.2	33	115	1200
	12:30	30 / 30	750	6.9 / 5.7	42	112	283	38	3.1	36	120	1100
St. 3	7:00	27 / 29	910	6.8 / 5.7	28	118	438	42	1.5	98	110	1600
	12:50	30 / 30	770	6.8 / 5.9	30	100	491	91	1.3	98	100	1800
St. 4	7:10	28 / 29	880	7.1 / 5.9	40	112	446	47	3.5	29	190	900
	12:05	30 / 30	740	7.0 / 6.0	26	106	497	84	3.3	24	210	800

Note: All units in mg/l excepting *.

Existing Water Quality Condition of Dhanmondi Lake

sampling Date 17. JAN '85

st. No.	Time of Collection	Tempo (°C) F/L	E.C.	* PH F/L	Chloride	T-Alka	T.S.	SS	DO	BOD	* Turbidity (JTV)	* Cali Colonies (100ml)
st. 1	10:15	22 / 22	555	7.2 / 7.1	108	107	468	131	1.2	18		18500
st. 2	10:30	21 / 22	550	7.1 / 7.1	108	147	473	132	3.0	17		13600
st. 3	10:45	22 / 22	600	6.9 / 7.0	115	128	493	140	2.8	15		11200
st. 4	11:10	21 / 22	540	7.0 / 7.1	117	67	478	139	3.2	23		29800

Note: All units in mg/l excepting *.

Existing Water Quality Condition of Iamna Lake

Sampling Date 28 Oct '84

St. NO.	Time of Collection	Temp (°C) F/L	E.C.	* pH F/L	Chloride	T-Alka	T.S.	SS	DO	BOD	* Turbidity (JTV)	* Coli Colonies (100ml)
St. 1	9:00	28 / 29	94	6.8 / 6.6	11.5	24	253	122	6.0	3.6	60	2900
	13:00	28 / 28	90	6.8 / 6.7	10	24	247	120	9.1	6.5	65	1200
St. 2	9:15	28 / 29	95	7.0 / 6.5	12	24	319	56	6.4	4.2	50	1200
	13:10	28 / 28	92	7.1 / 6.6	13	24	315	46	7.6	3.4	45	3100
St. 3	9:30	28 / 29	99	7.0 / 6.7	14.5	28	313	46	8.7	4.0	45	700
	13:20	28 / 28	90	7.1 / 6.5	11.5	22	317	46	12.5	7.9	50	600
St. 4	10:00	28 / 29	90	6.8 / 6.6	12.5	24	323	54	2.0	10.2	50	1200
	13:30	28 / 28	90	7.0 / 6.6	6.0	26	214	45	10.0	3.1	45	1000

Note: All units in mg/l excepting *.

Existing Water Quality Condition of Crescent Lake

Sampling Date 29 Oct. '84

st. no.	Time of collection	Temp (°C) F/L	E.C.	PH F/L	Chloride	T-Alka	TS	SS	DO	BOD	Turbidity (JTU)	* Coli Colonies (100ml)
st. 1	9:00	28/28	91	6.6/7.5	6.0	58	149	46	6.2	0.3	30	600
	12:30	29/29	100	6.8/7.1	8.5	54	142	37	6.7	0.7	<25	200
st. 2	9:30	28/28	127	8.0/7.4	5.0	44	147	39	7.4	0.4	<25	900
	12:40	30/29	105	7.8/7.2	6.0	32	146	38	8.2	1.0	<25	900
st. 3	10:00	29/28	95	7.9/7.2	7.0	40	143	38	7.7	0.5	<25	200
	12:45	30/29	94	8.0/7.3	8.0	44	148	43	8.2	1.2	<25	300
st. 4	10:30	28/28	94	8.0/7.1	7.0	58	139	30	6.8	0.8	<25	1900
	13:10	30/29	95	8.0/7.1	8.0	70	137	29	7.9	1.3	<25	8700
st. 5	11:10	29/29	115	7.7/7.2	3.5	46	137	31	5.7	1.6	<25	300
	13:25	30/29	138	7.8/7.3	9.5	44	136	35	6.9	0.1	<25	600

Existing Water Quality Condition of Gulshan Lake

Sampling Date 30. Oct. '84

St. NO.	Time of Collection	* Temp (°C) F/L	* E. C.	* PH F/L	Chloride	T-Alka	T.S.	S.S	DO	BOD	* Turbidity (JTV)	* Coli Colonies (100ml)
St. 1	9:30	29 / 28	94	7.2 / 7.2	35	11.6	118	26	7.0	2.8	< 25	9600
St. 2	10:00	29 / 28	270	7.1 / 7.0	17.5	9.4	113	24	10.3	5.7	< 25	10200
St. 3	10:30	29 / 28	100	7.2 / 6.7	11.0	20	115	38	7.7	4.6	< 25	10500
St. 4	10:40	29 / 28	89	7.1 / 7.0	17.5	28	116	38	10.8	6.1	< 25	8900

Note: All units in mg/l excepting *.

Existing Water Quality Condition of Gulshan Lake

Sampling Date: 19 JAN '85

St. No.	Time of collection	Temp* (°C) F/L	E.C.*	PH* F/L	Chloride	F-Alka	T.S	SS	DO	BOD	Turbidity*	* Coli Colonies (100ml)
St. 2	12:00	18 / 22	115	7.1 / 7.2	18	108	79	28	7.7	7.7	—	2300
St. 3	12:15	18 / 22	185	6.9 / 6.8	35	163	112	32	6.4	7.0	—	6500

Existing Water Quality Condition of Balu River

River: Balu Station: Tonggi

Sample location/ point	Date	Time of collection	* Tempo (°C)	* PH	* E.C.	Chloride	T-Alka	T.S	S.S.	D.O	BOD	COD	Remarks
(A) Side point of the Balu river at Tonggi bridge	20-1-83	9:30	25	7.0	287	16.5	136	276	73.5	6.6	2.1		
(B) Middle point of the Balu river at Tonggi bridge	"	10:00	25	6.9	287.5	17.5	139	246	75.5	6.3	1.1		
(A) Side point	8-2-83	10:00	21	6.5	310	19.5	167	282	77	0.8	4.1		
(B) Middle point	"	10:10	21	7.9	309	20	161	303.5	83.5	0.8	4.5		
(A) Side point	10-3-83	9:30	20.3	6.6	320	22	149	307.5	111	0	5.5		
(B) Middle point	"	9:45	26.3	6.6	316	47	136.5	284	104	0	6.0		
(A) Side point	5-4-83	9:00	29	6.0	399	61	136	293.5	98.5	0	7.0		
(B) Middle point	"	9:15	29	6.2	446.5	75	155	340	36.5	0	8.5		
(A) Side point	10-5-83	11:00	31.5	6.6	83	17	29	104	25.5	4.5	3.0		
(B) Middle point	"	11:15	31	6.7	106	20	36	110.5	29.5	4.3	2.9		
(A) Side point	2-6-83	12:00	32.5	6.1	116.5	15	63	165.5	49	3.7	3.4		
(B) Middle point	2-6-83	12:10	32.5	6.6	190	17.5	61	181.5	60.5	3.8	3.4		

Note: All units in mg/l except *
E.C. in microhm/cm

Existing Water Quality Condition of Balu River

River: Station:

Sample location/ point	Date	Time of collection	* Temp (°C)	* PH	* E.C.	Chloride	T-Alka	T.S	S.S.	D.O	BOD	COD	Remarks
(A) Side point	18-7-83	9:00	29.5	7.4	109	3.5	52	80.5	20.5	5.3	2.4		
(B) Middle point	"	9:15	29.5	7.7	108	4.0	55	87	24.5	5.3	1.5		
(A) Side point	4-8-83	10:15	29.5	6.25	90.5	3.0	47	92.5	33	6.7	1.6		
(B) Middle point	"	10:45	29.5	6.0	89.5	5.0	47	91	33	6.8	1.2		
(A) Side point	8-9-83	9:30	29.3	7.35	76	4.0	54	72	30.5	9.0	4.1		
(B) Middle point	"	10:00	29.4	7.35	79	3.5	45	76.5	33.5	9.4	4.0		
(A) Side point	6-10-83	9:30	29	6.7	87.5	5.5	50	83	21.5	1.7	1.9		
(B) Middle point	"	9:50	29	6.7	112.5	4.5	53	101	32.5	1.8	2.7		
(A) Side point	8-11-83	10:30	27.5	6.7	55.5	17.5	36	104.5	33	7.7	2.2		
(B) Middle point	"	10:45	27	6.8	59	16	32	102.5	29	7.5	2.3		
(A) Side point	8-12-83	10:00	22	7.15	176	19.5	79	106.5	47	10	3.9		
(B) Middle point	"	10:15	22	7.1	182.5	24	82	144.5	43.5	8.9	2.7		

Note: All units in mg/l except *
E.C in microhm/cm

Existing Water Quality Condition of Balu River

River: Balu Station: Tongpi

Sample location/ point	Date	Time of collection	* Temp (°C)	* PH	* E.C.	Chloride	T-Alka	T.S	S.S.	D.O	BOD	COD	Remarks
(A) Side of river Balu at Tongpi Pulp & Paper Mill	5-1-84	10:00	21	7.5	247.5	24.5	126	195	44.5	6.9	3.9		
			21	7.5	250	30.5	118	194.5	43	6.9	4.2		
(B) Middle of river Balu near Tongpi Pulp & Paper Mill	8-2-84	11:00	21.5	7.75	246.5	39.5	137	177.5	43.5	4.7	0.7		
			23	7.35	251	46	147	177.5	45	5.4	1.4		
(A) Side point	8-3-84	9:00	28	7.15	247.5	117.5	141	213.5	43	5.2	1.4		
(B) Middle point	"	14:00	28	7.55	250	127.5	145	212	40	5.2	1.4		
(A) Side point	10-4-84	7:45	29	6.95	286	35	138	260	69.5	4.2	2.3		
(B) Middle point	"	8:15	30	6.85	282.5	35.5	136	258.5	69	4.5	3.5		
(A) Side point	10-5-84	7:40	31	6.65	291	33	141	246	57.5	4.4	1.1		
(B) Middle point	"	8:20	32	6.85	286	35	137	245	47.5	4.6	1.1		
(A) Side point	11-6-84	10:00	29	6.95	280.5	41	147	245.5	73	6.3	2.1		
(B) Middle point	"	10:45	30	7.15	284	43	152	246	72.5	6.8	2.6		

Note: All units in mg/l except *
E.C in microhm/cm

Existing Water Quality Condition of Balu River

River: _____ Station: _____

Sample location/ point	Date	Time of collection	* Temp (°C)	* PH	* E.C.	Chloride	T-Alka	T.S	S.S.	D.O	BOD	COD	Remarks
(A) Side point			/	/		17							
(B) Middle point			/	/									
(A) Side point	11-8-84	10:30	29	7.2	63	10	57	105	28	5.6	3.8		
(B) Middle point	"	10:50	29	7.1	67	13	70	108	29	5.5	3.7		
(A) Side point			/	/									
(B) Middle point			/	/									
(A) Side point			/	/									
(B) Middle point			/	/									
(A) Side point			/	/									
(B) Middle point			/	/									
(A) Side point			/	/									
(B) Middle point			/	/									

NOTE: All units in mg/l except *
E.C. in micromhos/cm.

Existing Water Quality Condition of Buriganga River

River: Buriganga Station: Farashganj

Sample location/ point	Date	Time of collection	* Temp (°C)	* PH	* E.C.	Chloride	T-Alka	T.S	S.S.	D.O	BOD	COD	Remarks
Side point of the Buriganga (A) river at Farashganj main discharge drain	20-1-86	10:00	24	7.0	788.6	69	80	401	96	2.1	24		
Middle point of the Buriganga (B) river at Farashganj main discharge drain	"	10:20	24	7.1	422.6	61.6	162	378	83	1.6	19		
(A) Side point	7-2-86	8:30	27.5	7.2	495	56	150	473	66	0	150		
(B) Middle point	"	9:00	27.5	7.2	392.6	52	164	324	52	0	96		
Main discharge drain (C) at Farashganj ghat	5-3-86	9:30	29	6.2	900	146	266	713	150	0	153		
Junction point of main (D) discharge drain and Buriganga river at Farashganj	"	9:40	30	6.4	480	62	120	413	82	2.1	17.4		
Up stream of the Buriganga (E) river from main discharge drain at Farashganj	"	10:00	31	6.7	420	40	126	497	112	5.2	4.6		
Down stream of the Buriganga (F) river from main discharge drain at Farashganj	"	10:30	31	6.5	380	44	132	369	88	1.3	33		
(C) Main discharge drain	13-4-86	8:30	30	8.4	560	144	124	519	132	0	36		
(D) Junction point	"	8:50	30	8.1	340	62	128	313	116	0.4	71		
(E) Up stream	"	9:15	30	6.4	360	54	120	319	121	2.3	37		
(F) Down stream	"	9:40	30	6.3	365	56	132	316	120	2.6	37		

Note: All units in mg/l except *
E.C. in microhm/cm

Existing Water Quality Condition of Buriganga River

River: Station:

Sample location/ point	Date	Time of collection	* Temp (°C)	* PH	* E.C.	Chloride	T-Alka	T.S	S.S.	D.O	BOD	COD	Remarks
(A) Side point	7-6-86	9:00	30 31	6.9 7.0	570	190	190	490	91	3.1	20.9		
(B) Middle point	"	9:30	30 31	6.5 6.5	290	192	192	267	85	4.2	1.8		
(A) Side point	7-6-86	9:00	31 31	7.2 7.2	457.5	79.5	191	331	92.5	2.3	16.3		
(B) Middle point	"	9:30	31 31	7.3 7.4	262.5	71.5	195	218.5	56.5	2.7	16.7		
(C) main discharge drain	10-7-86	9:30	30 29	6.9 7.0	115	11	58	632	114	1.5	40		
(D) Junction point	"	10:00	30 29	6.3 6.5	100	7	50	277	87	4.5	30		
(E) Up stream	"	10:30	30 29	6.9 7.1	105	8	78	288	91	3.2	20		
(F) Down stream	"	11:00	30 29	6.0 6.0	120	9	12	282	84	3.8	30		
(C) Main discharge drain	15-8-86	9:00	30 31	7.2 6.8	100	5	62	723	161	0	110		
(D) Junction point	"	9:30	30 31	6.9 7.2	80	3	16	287	108	0	90		
(E) Up stream	"	10:00	30 31	6.8 6.9	84	3	48	249	91	4.9	33		
(F) Down stream	"	10:30	30 31	6.7 6.6	80	3	50	236	72	4.2	35		

Note: All units in mg/l except *
E.C. in microhm/cm

Existing Water Quality Condition of Buriganga River

Station: _____
River: _____

Sample location / point	Date	Time of collection	Temp (°C)	PH	E.C.	Chloride	T-Alka	T.S	S.S.	D.O	BOD	COD	Remarks
(C) Main discharge drain	5-9-86	9:45	30	5.5	150	9	56	746	142	2.1	40		
(D) Junction point	"	10:00	31	6.1	110	3.5	52	302	114	4.9	2.6		
(E) Up stream	"	11:00	30	6.2	107	4.0	50	284	117	4.9	2.6		
(F) Down stream	"	11:30	30	6.0	112	4.5	44	303	116	5.6	2.9		
(C) Main discharge drain	10-10-86	9:30	32	6.8	115	4.0	52	443	121	1.3	16		
(D) Junction point	"	10:00	32	6.9	118	4.5	56	381	179	5.3	1.1		
(E) Up stream	"	10:30	32	7.1	105	3.0	58	278	155	5.3	3.4		
(F) Down stream	"	11:00	33	6.9	108	2.5	56	209	107	5.8	1.0		
(C) Main discharge drain													
(D) Junction point													
(E) Up stream													
(F) Down stream													

Note: All units in mg/l except *
E.C in microhm/cm

Existing Water Quality Condition of Buriganga River

River: Buriganga

Sample location / point	Date	Time of collection	Temp* (°C)	pH*	E.C.	Chloride	T-Alka	T.S	S.S.	D.O	BOD	COD	Remarks
(C) Main discharge drain	12-8-86	9:00	22 / 36	6.0 / 5.9	210	11	54	827	183	1.5	150		
(D) Junction point	"	9:30	22 / 26	7.2 / 6.4	200	15	58	887	186	5.5	2.3		
(E) Up stream	"	10:00	22 / 36	7.3 / 6.8	190	5	42	281	189	5.5	2.3		
(F) Down stream	"	10:30	22 / 26	7.0 / 6.3	206	9	56	278	180	5.3	1.9		

Note: All units in mg/l except *
E.C in micromhos/cm

Existing Water Quality Condition of Buriganga River

River: Buriganga Station: Hazaribagh

Sample location/ point	Date	Time of collection	* Temp (°C)	pH ^T	* E.C.	Chloride	T-Alka	T.S	S.S.	D.O	BOD	COD	Remarks
Side, point of the Buriganga (A) river at Hazaribagh	5-1-81	12:00	27	7.5	344.5	10.5	183	260	28	6.9	1.1		
Middle point of the Buriganga (B) river at Hazaribagh	"	12:20	27	6.9	322.5	10.5	182	254.5	23	6.8	1.6		
Main drain of (C) Hazaribagh Tannery	"	13:00	27	7.8	12600	250	1580	9373	502.5	0	5.5		
(A) Side point	3-2-81	10:00	27.5	7.1	372.5	27.5	172	277	81	5.1	2.9		
(B) Middle point	"	10:15	27.5	7.1	365	26.5	173	273.5	81	6.0	5.7		
(C) Main drain	"	12:00	27	7.8.5	10700	9600	1300	8910	2357	0	6.5		
(A) Side point	9-3-81	10:30	27.5	6.9	560	87	174	720	103	3.7	3.5		
(B) Middle point	"	11:00	27.7	7.0.5	550	86	176	368	102	3.5	4.0		
(C) Main drain	"	12:00	27.9	7.7	10500	1160	149	7518	1800	0	7.0		
(A) Side point	12-9-81	9:30	27	6.6.5	524	135	177	418.5	102	6.1	5.6		
(B) Middle point	"	9:45	27	6.7.5	505	125	183	419.5	106.5	5.9	5.5		
(C) Main drain	"	11:00	27	7.3	10450	440	1760	803	105	0	6.5		

Note: All units in mg/l except *
E.C in micro-mhos/cm

Existing Water Quality Condition of Buriganga River

River: Buriganga Station: Hazaribagh

Sample location/ point	Date	Time of collection	* Temp (°C)	* PH	* E.C.	Chloride	T-Alka	T.S	S.S.	D.O	BOD	COD	Remarks
(A) Side point	12-5-83	12:00	20 29	7.5 6.9	962.5	220	154	629	163	2.9	3.5		
(B) Middle point	"	10:30	29	7.1 6.9	962.5	190	156	692.5	171.5	4.2	3.5		
(C) Main drain	"	10:15	28 29	7.5 7.2	1575	500	142	986	257	0	50		
(A) Side point	22-6-83	9:10	29	6.3	509	450	83	412	96	2.6	3.5		
(B) Middle point	"	9:30	29	6.55	570	495	185	447.5	107.5	2.2	4.0		
(C) Main drain	"	10:00	29	7.3	9500	2150	506	4531	800	0	50		
(A) Side point	21-7-83	12:10	29.5 28	6.2 6.35	155	35	54	105.5	30	6.4	2.2		
(B) Middle point	"	12:30	28 28	6.2 6.25	116.5	35	62	106	30.5	6.7	1.0		
(C) Main drain	"	11:00	28	6.0	185	19	62	147	34	1.9	30		
(A) Side point	17-8-83	10:00	28.5 28	6.55 6.72	155	15.5	57	135.5	44	6.8	1.0		
(B) Middle point	"	10:15	28.5 28	6.55 6.67	150	15	63	107.5	33	7.1	1.6		
(C) Main drain	"	11:00	28	6.5	122	42	56	109	35	1.3	35		

Note: All units in mg/l except *
E.C in micromhos/cm

Existing Water Quality Condition of Buriganga River

River: Buriganga Station: Hajiribagh

Sample location / Point	Date	Time of collection	* Temp (°C)	* PH	* E.C.	Chloride	T-Alka	T.S	S.S.	D.O	BOD	COD	Remarks
(A) Side point	11-9-88	10:00	29.5 29	7.05 6.85	96.5	5.0	56	91.5	34.5	8.4	1.5		
(B) Middle point	"	10:10	29.5 29	7.05 6.5	85	2.0	61	80	34	8.7	1.4		
(C) Main drain	"	9:45	28	7.2	234	1.8	114	197	68	0	3.8		
(A) Side point	5-10-88	10:15	30	6.9	97.5	7.5	57	94	27	1.5	2.5		
(B) Middle point	"	10:30	28	6.9	94.5	7.0	57	91.5	26.5	1.4	2.5		
(C) Main drain	"	10:00	28	7.1	195	1.2	52	167	58	0.7	2.5		
(A) Side point	10-11-88	10:00	28	7.1	95	1.4	62	102.5	30.5	7.3	1.3		
(B) Middle point	"	10:15	28	7.1	90.5	1.7	56	104.5	34	7.4	1.2		
(C) Main drain	"	11:00	28	6.9	390	7.7	98	361	104	0	4.0		
(A) Side point	7-12-88	10:10	21	7.45	221.5	2.75	116	162	49.5	6.9	2.0		
(B) Middle point	"	10:45	21	7.45	225	3.05	108	166	51.5	6.8	1.9		
(C) Main drain	"	11:30	21	8.1	8300	1.60	236	6367	1828	1.5	3.7		

Note: All units in mg/l except *
E.C in micro-mhos/cm

Existing Water Quality Condition of Buriganga River

River: Buriganga Station: Hageribagh

Sample location / point	Date	Time of collection	* Temp (°C)	* PH	* E.C.	Chloride	T-Alben	T.S.	S.S.	D.O	BOD	COD	Remarks
Side point of the Buriganga river at Hageribagh	7-1-84	10:00	21	7.5	330	71.5	147	291	79	4.6	2.4		
Middle point of the Buriganga river at Hageribagh	"	14:15	21	7.5	324	70.5	133	287.5	70	5.5	2.7		
Main drain of Hageribagh Tannery	"	9:30	21	8.1	850	1060	1740	1319	1106	1.0	3.6		
(A) Side point	7-2-84	10:00	22	7.1	313.5	55.5	156	265	74	7.5	6.0		
(B) Middle point	"	15:00	22	7.5	317.5	53	163	267	75	7.5	6.2		
(C) Main drain	"	16:00	22	8.0	350	9750	3000	2123	232	1.3	0.6		
(A) Side point	7-3-84	10:00	28.5	7.05	304	176.5	156	317.5	99	7.2	1.6		
(B) Middle point	"	10:30	28.5	7.05	377.5	100.5	151	315	97.5	7.8	1.4		
(C) Main drain	"	9:30	29.5	7.7	143.5	440	174	2319	1198	1.6	1.8		
(A) Side point	7-4-84	8:00	29.5	7.5	303.5	41.5	151	246.5	64	7.3	1.4		
(B) Middle point	"	8:30	29.5	7.4	305	40.5	147	248.5	62.5	6.6	1.6		
(C) Main drain	"	13:50	30	8.4	1900	4950	1700	9319	2788	0	3.1		

Note: All units in mg/l except *
F.C in microhos/cm

Existing Water Quality Condition of Buriganga River

River: Buriganga Station: Hazaribagh

Sample location/ point	Date	Time of collection	* Tempo (°C)	* PH	* E.C.	Chloride	T-Alka	T.S	S.S.	D.O	BOD	COD	Remarks
(A) Side point	17-5-84	9:00	31	7.5	132	17	45	113.5	39	2.7	4.3		
(B) Middle point	"	9:35	31	7.5	132	16.5	50	112	36.5	2.9	4.9		
(C) Main drain	"	14:30	31	5.2	1208	27	2100	978	202	0	34		
(A) Side point	5-6-84	10:00	29	7.05	265	16	47	220	49.5	4.5	3.8		
(B) Middle point	"	13:00	29	7.15	258	15.5	43	219	47.5	4.6	4.0		
(C) Main drain	"	14:00	30	6.2	730	5.9	82	631	138	0.9	0.3		
(A) Side point	7-7-84	8:30	30	7.15	66	18.5	38	215	45.5	6.5	1.7		
(B) Middle point	"	9:00	27	7.35	64	14.5	43	220	49	7.0	2.1		
(C) Main drain	"	15:15	27	6.7	515	500	260	230	51	2.5	2.5		
(A) Side point	5-8-84	8:00	29	7.15	102.5	9	39	110.5	31	4.0	1.5		
(B) Middle point	"	8:30	29	7.15	95	6.5	44	109	31	3.8	1.9		
(C) Main drain	"	13:45	29	6.8	350	31	138	329	62	1.6	4		

Note: All units in mg/l except *
E.C in microhm/cm

Existing Water Quality Condition of Buriganga River

River: Buriganga Station: Hajaribagh

Sample location/ point	Date	Time of collection	Temp (°C)	PH [*]	E.C. [*]	Chloride	T-Alka	T.S	S.S.	D.O	BOD	COD	Remarks
(A) Side point	12-9-84	9:30	30.7	7.1	168	17	98	107.5	32	4.3	1.7	112	
(B) Middle point	"	12:30	30.8	7.5	103	15	74	107.5	31	4.5	1.7	115	
(C) Main drain	"	9:15	30.5	6.7	365	38	82	337	68	1.8	94	1901	
(A) Side point	7-10-84	9:30	30	7.2	98.5	6.7	128	106.5	28	7.2	4.2	9.5	
(B) Middle point	"	11:30	30	7.5	99.5	7.2	90	88	20	7.4	4.3	6.5	
(C) Main drain	"	9:15	30	7.2	218	26	194	191	46	2.5	2.4	137	
(A) Side point	8-11-84	9:30	27	7.1	107.5	7.2	65	116	71	8.4	2.2	8.3	
(B) Middle point	"	12:50	28	7.2	122.5	7.2	67	115.5	40.5	7.3	0.7	8.5	
(C) Main drain	"	14:30	29	8.5	176	27.5	50	102.3	204	0	26	28	
(A) Side point	9-12-84	12:50	21.5	7.3	274	28	134	246	73	6.4	5.9	29	
(B) Middle point	"	13:30	21.5	7.2	260	20	124	246	73	6.4	5.4	23.5	
(C) Main drain	"	9:15	22	8.3	890	500	1080	669	1206	0	40	15	

Note: All units in mg/l except *
E.C in micro-mhos/cm

Existing Water Quality Condition of Buriganga River

River: Buriganga Station: Hayeribagh

Sample location / point	Date	Time of collection	Temp (°C)	PH	E.C.	Chloride	T-Alkal	T.S	S.S.	D.O	BOD	COD	Remarks
Side point of the Buriganga			27.5	8.5									
(A) river at Hayeribagh	3-1-85	9:30	26	8.4	2050	3050	730	4998	1009	6.5	2.8	11.5	
Middle point of the Buriganga			24	7.5									
(B) river at Hayeribagh	"	9:50	26	7.6	190	190	184	288	95	7.0	1.8	8	
Main drain of Hayeribagh Tannery			25	8.3									
(C)	"	9:00	26	8.5	1000	7150	1090	6779	116	0	39	2307	NH4-N
(A) Side point	6-2-85	8:30	27	7.2	300	37.5	152	265	87	5.1	2.2	19	0.116
(B) Middle point	"	9:00	27	7.3	306	32.5	152	268.5	83.5	5.3	2.2	23.5	0.055
(C) Main drain	"	11:50	27	8.2	1000	5200	1380	7673	792	0	160	1210	1.16
(A) Side point	4-3-85	8:00	31	6.6	386	47	141	347	120	3.6	3.0	7	
(B) Middle point	"	8:30	31	6.7	392.5	48.5	137	347.5	117	3.7	2.5	11	
(C) Main drain	"	9:00	31	7.6	10200	6350	1390	7813	1894	0	135	800	
(A) Side point	3-4-85	8:00	30	6.6	382.5	54	137	341.5	77.5	7.3	3.2	14	
(B) Middle point	"	8:30	30	6.6	386	50.5	147	344	82.5	7.6	3.3	14	
(C) Main drain	"	9:00	30	6.8	1890	64	280	1129	316	0	42	762	

Note: All units in mg/l except *
E.C in micro-mhos/cm

Existing Water Quality Condition of Buriganga River

River: Buriganga Station: Hazaribagh

Sample location / point	DATE	Time of collection	* Temp (°C)	* PH	* E.C.	Chloride	T-Alka	T.S	S.S.	D.O	BOD	COD	Remarks
(A) Side point	8-5-86	9:30	31	6.85	275	53.5	133	295	69.5	2.6	1.5	14	
(B) Middle point	"	9:50	31	6.65	277.5	56.5	189	295	68	5.5	2.6	11	
(C) Main drain	"	8:30	31	6.7	1890	710	128	1913	292	0	200	619	
(A) Side point	2-6-86	9:10	31	7.05	268	48.5	197	215.5	67	6.5	1.8	14	
(B) Middle point	"	9:15	31	7.1	265	48.5	202	216.5	68	6.5	1.7	14.5	
(C) Main drain	"	8:30	31	6.8	1720	580	148	1381	318	0	100	668	
(A) Side point						TK							
(B) Middle point													
(C) Main drain													
(A) Side point	14-8-86	9:30	31	7.05	128.5	14.5	7	137	122.5	5.4	2.6		
(B) Middle point	"	9:45	31	6.9	127.5	13.5	4.1	135	128.5	6.0	3.0		
(C) Main drain	"	9:15	30	6.1	640	126	142	1434	528	0	40		

Note: All units in mg/l except *
E.C in micro-mhos/cm

Existing Water Condition of Buriganga River

River: Buriganga Station: Hajiribagh

Sample location/ point	Date	Time of collection	* Temp (°C)	* PH	* E.C.	Chloride	T-Alka	T.S.	S.S.	D.O.	BOD	COD	Remarks
(A) Side point	11-9-85	9:00	32	6.65	162.5	23.5	95	363	195	7.2	2.8		
(B) Middle point	"	9:30	31	6.65	163.5	27	96	378	19	7.1	2.9		
(C) Main drain	"	10:00	32	6.8	122.5	38.2	162	1299	191	1.3	60		
(A) Side point						又測							
(B) Middle point													
(C) Main drain													
(A) Side point	17-11-85	11:00	27.5	7.6	990	100	90	370.5	168.5	1.7	52.5		
(B) Middle point	"	11:30	27	7.7	995	108	28	374	155.5	1.5	95		
(C) Main drain	"	12:00	26	8.1	1200	95	202	889	286	0	102		
(A) Side point	18-12-85	10:00	28.5	7.3	802.5	63.5	51	375.5	181	6.5	1.5		
(B) Middle point	"	10:30	24	7.25	181	107.5	47	427.5	120	6.8	1.4		
(C) Main drain	"	11:00	24	8.3	10200	540	178	1187	300	0	140		

Note: All units in mg/l except *
E.C in micro-mhos/cm

Existing Water Quality Condition of Buriganga River

River: Buriganga Station: Chandrinighat

Sample location / point	Date	Time of collection	* Temp (°C)	* PH	* E.C.	Chloride	T-Alka	T.S	S.S.	D.O	BOD	COD	Remarks
(A) Side point of the Buriganga river at Chandrinighat	4-1-83	10:30	22.8	7.0	380	21	157	304	54	3.9	1.8		
(B) Middle point of the Buriganga river at Chandrinighat	"	10:45	22.9	7.25	379	21.5	158	319.5	42.5	4.0	1.6		
(A) Side point	2-2-83	10:00	20	6.4	400	33.5	192	306.5	101.5	2.5	0.6		
(B) Middle point	"	10:45	24	7.2	388	31.5	191	283	92.5	3.1	0.6		
(A) Side point	3-3-83	10:00	24	6.8	502	44	186	314.5	77.5	2.1	1.7		
(B) Middle point	"	10:45	27	6.5	501	46.5	187	319.5	112.5	2.0	1.6		
(A) Side point	6-4-83	10:00	29	6.6	566	99	153	366.5	96.5	3.0	2.1		
(B) Middle point	"	10:15	29	6.75	556.5	110	127	372	103.5	2.8	2.5		
(A) Side point	5-5-83	9:30	29.5	7.45	326	35	98	273.5	76.5	3.1	2.0		
(B) Middle point	"	10:00	29.2	6.6	325	39.5	99	248.5	66	3.3	2.0		
(A) Side point	20-6-83	8:30	30	6.15	176	15	63	146	42.5	4.8	4.4		
(B) Middle point	"	9:00	30	6.2	177	15	69	147	46	4.8	4.4		

note: All units in mg/l except *
E.C. in micro-mhos/cm

Existing Water Quality Condition of Buriganga River

River :

Station :

Sample location/ point	Date	Time of collection	* Tempo (°C)	* PH	* E.C.	Chloride	T-Alka	T.S	S.S.	D.O	BOD	COD	Remarks
(A) Side point	5-7-83	9:30	31.5	7.5	177.5	2/	62	157.5	99	1.7	3/		
(B) Middle point	"	9:55	31.5	7.2	200	2/5	58	126.5	36	1.9	30		
(A) Side point	3-8-83	10:00	29.5	5.7	104.5	3/5	54	150.5	57.5	6.1	0.9		
(B) Middle point	"	10:15	29.5	5.95	106.5	1/5	53	170.5	65.5	6.3	0.8		
(A) Side point	4-9-83	10:15	30	7.25	111	3/5	67	102.5	36.5	6.7	5.3		
(B) Middle point	"	10:30	30	7.5	86.5	3/5	53	78.5	21.5	6.4	4.9		
(A) Side point	5-10-83	9:30	29.5	6.75	106.5	5	57	122.5	87.5	1.9	2.4		
(B) Middle point	"	9:50	29.5	6.95	110	6.5	62	100.5	34	1.5	3.5		
(A) Side point	3-11-83	10:00	27.5	7.1	111	18	98	102	27.5	3.9	2.8		
(B) Middle point	"	10:15	28	7.5	113	17	56	102	27	3.4	2.7		
(A) Side point	6-12-83	10:00	22	7.1	207.5	32.5	93	164	42	9.5	4.5		
(B) Middle point	"	10:30	21.5	7.5	210	30.5	89	168	46	9.0	4.0		

Note : All units in mg/l except *
E.C in microhm/cm

Existing Water Quality Condition of Buriganga River

River: Buriganga Station: Chandnighat

Sample location / point	Date	Time of collection	* Temp (°C)	* PH	* E.C.	Chloride	T-Alka	T.S	S.S.	D.O	BOD	COD	Remarks
Side point of the Buriganga river at Chandnighat	3-1-84	10:30	21	7.5	300	45	152	262	77	4.7	1.9		
Middle point of the Buriganga river at Chandnighat	"	10:45	21	7.2	222.5	43	156	258	71.5	4.6	1.7		
(A) Side point	7-2-84	9:00	21.5	7.1	391	69.5	163	270	65	3.3	0.9		
(B) Middle point	"	9:45	22	6.8	396.5	64	169	270	68.5	3.2	0.9		
(A) Side point	6-3-84	9:30	27	7.7	405	85	170	320	114	5.9	1.9		
(B) Middle point	"	9:50	26	7.8	391	84	160	317	108.5	6.5	1.8		
(A) Side point	3-4-84	9:00	27.5	7.2	319	24	170	248	59	5.9	4.0		
(B) Middle point	"	9:30	26	7.3	322	33	171	247	56	5.8	4.2		
(A) Side point	7-5-84	10:30	29.5	7.1	346.5	26	128	272	64	3.3	1.6		
(B) Middle point	"	10:50	29.5	7.5	350	25.5	124	276.5	62.5	3.1	1.1		
(A) Side point	3-6-84	8:30	30	6.8	188	24	96	162	48	2.8	1.0		
(B) Middle point	"	9:00	29	6.9	186.5	24	98	162.5	50	3.4	1.5		

Note: All units in mg/l except *
E.C in micromhos/cm

Existing Water Quality Condition of Buriganga River

River: Station:

Sample location/ point	Date	Time of collection	* Temp (°C)	* PH	* E.C.	Chloride	T-Alka	T.S	S.S.	D.O	BOD	COD	Remarks
(A) Side point	5-7-84	8:15	32	7.25	116	13	55	159	46.5	4.6	4.2		
(B) Middle point	"	8:45	32	7.15	106.5	17	54	162.5	49	4.8	4.2		
(A) Side point	2-8-84	8:15	32	6.95	62.5	16	132	105.5	29	5.0	1.2		
(B) Middle point	"	8:30	32	6.95	66.5	14.5	82	109	30.5	4.8	1.2		
(A) Side point	1-9-84	9:15	32	6.1	109	9.5	101	190	50	4.6	3.4		
(B) Middle point	"	9:30	32	6.1	109	10	96	136	46	5.4	4.1		
(A) Side point	11-10-84	9:30	30	7.25	275	8.0	55	238	66.5	4.3	2.0	20.3	
(B) Middle point	"	10:00	30	7.45	280	20.5	56	249	74	4.9	2.3	18.8	
(A) Side point	3-11-84	8:30	28	7.15	150	17.3	63	190	39	5.7	4.6	5	
(B) Middle point	"	9:00	28	7.25	145	11.9	71.3	190	38.5	5.5	4.8	5	
(A) Side point	10-12-84	8:00	22	7.2	245	33	110	247.5	52	5.9	5.2		
(B) Middle point	"	8:30	23	7.4	260	28	124	218	54	6.5	5.8		

Note: All units in mg/l except *
E.C in micro-mhos/cm

Existing Water Quality Condition of Buriganga River

River: Buriganga Station: Chandnighat

Sample location/ point	Date	Time of collection	* Tempo (°C)	* PH	* E.C.	Chloride	T-Alka	T.S	S.S.	D.O	BOD	COD	Remarks
(A) Side point of the Buriganga river at Chandnighat	1-1-86	8:00 AM	27.5	7.6	295	31	144	257.5	76.5	5.2	2.3	9.5	
(B) Middle point of the Buriganga river at Chandnighat	"	8:30	27.5	7.5	295.5	23.5	140	248	79	5.4	2.4	10	
(A) Side point	3-2-86	8:00	28.5	7.2	350	36.5	154	240	98	2.5	2.8	16	
(B) Middle point	"	8:20	28.5	7.5	292.5	36.5	158	207	85.5	3.1	2.5	20	
(A) Side point	2-3-86	9:00	29.5	6.1	512.5	63.5	150	423	113	2.9	3.7	26.5	
(B) Middle point	"	9:15	29.5	6.1	515	57.5	142	426	114	3.0	3.3	23.5	
(A) Side point	2-4-86	8:00	30	6.5	310	52.5	153	262	79	3.1	—	24	
(B) Middle point	"	8:20	30	6.05	308.5	37	144	266	81	3.5	—	28	
(A) Side point	7-5-86	8:30	30	6.45	230	25	148	244	77	4.9	3.1	23.5	
(B) Middle point	"	8:50	30	6.25	227.5	21.5	141	244	73.5	5.2	3.2	29	
(A) Side point	2-6-86	8:30	30	6.8	224.5	22.5	152	194.5	79.5	5.5	3.6	22	
(B) Middle point	"	8:50	30	7.1	222.5	19	146	194.5	78	5.8	2.5	27	

Note: All units in mg/l. except *
E.C in micro-mhos/cm

Existing Water Quality Condition of Buriganga River

River: Station:

Sample location/ point	Date	Time of collection (o.c.)	* Tempo (o.c.)	* PH	* E.C.	Chloride	T-Alka	T.S.	S.S.	D.O	BOD	COD	Remarks
(A) Side point													
(B) Middle point													
(A) Side point	5-8-86	9:00	30	6.85	103.5	6.0	47	233	19.5	4.5	1.6		
(B) Middle point	"	9:30	30	6.85	101.5	6.05	46	228.5	20.5	4.7	1.8		
(A) Side point	4-9-86	8:00	31	6.2	94.5	5.5	37	256	26.5	4.9	3.0		
(B) Middle point	"	8:30	31	6.1	101	5.5	33	245.5	20.5	5.0	2.8		
(A) Side point													
(B) Middle point													
(A) Side point	3-11-86	10:00	29.5	7.3	133.5	8.5	50	351	103.6	6.5	3.0		
(B) Middle point	"	10:30	29.5	7.4	109	3.5	50	362	104.5	6.4	3.1		
(A) Side point	3-12-86	9:00	29.5	7.8	200	11.5	50	367	147	6.3	3.7		
(B) Middle point	"	9:30	28.5	7.8	207.5	11.5	47	355	144	6.7	3.2		

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