

TENTATIVE CONTENT FOR STATEWISE/BASINWISE INFORMATION ON WATER QUALITY

1 Description of Water Resources: Godavari Basin

2 Description of Monitoring/Laboratory Network: Level II Laboratory , Wainganga Division, CWC, Nagpur

3 Description of Parameter and frequency of monitoring :24 parameters, monthly , Trend Station

4 Analysis of Data : As below

River/Site/Parameter	Analysis of Last 10 Year Data(1999-2000 to 2008-09)						Last Year Average (2008-09)		Designated best use classification	Remarks
	Maximum Observed		Average		Minimum Observed		Monsoon	Non-monsoon		
	Monsoon	Non-monsoon	Monsoon	Non-monsoon	Monsoon	Non-monsoon				
River: Pranhita										
Site: Tekra										
Parameter										
EC_GEN (µmho/cm)	467	508	292	427	165	364	335	437		
pH_GEN (pH units)	8.6	8.7	8.3	8.5	7.9	8.3	8.3	8.7	C	
Temp (deg C)	27.3	27.1	24.9	22.7	22.8	19.3	19.2	21.3		
Turbidity(NTU)	323	2	101	1	1	1	60	1		
CHEMICAL					0.0					
Alk-Phen (mgCaCO3/L)	9.1	11.3	3.6	7.1	51.2	3.3	2.5	4.7		
ALK-TOT (mgCaCO3/L)	182.4	204.3	123.8	173.0	20.1	143.1	132.7	188.2		
B (mg/L)	0.8	0.8	0.4	0.4	14.2	0.2	0.7	0.4		
Ca (mg/L)	36.3	38.1	28.0	30.2	8.8	23.9	31.7	32.3		
Cl (mg/L)	42.7	44.3	15.2	29.6	1.3	18.4	15.7	32.4		
CO3 (mg/L)	11.0	13.6	4.4	8.5	0.1	4.0	3.0	5.6		
F (mg/L)	0.7	1.1	0.5	0.5	18.0	0.2	0.3	0.6		
Fe (mg/L)	0.4	0.1	0.1	0.0	44.6	0.0	0.0	0.0		
HCO3 (mg/L)	211.1	231.5	142.1	193.8	24.8	160.1	155.5	217.8		
K (mg/L)	4.4	4.9	2.4	3.1	3.4	1.9	1.8	2.7		
Mg (mg/L)	18.1	23.5	10.0	17.7	4.3	12.2	10.4	20.5		
Na (mg/L)	45.4	50.9	19.2	37.0	1.5	25.3	21.0	42.2		
NH3-N (mg N/L)	0.5	0.5	0.3	0.2	0.2	0.1	0.3	0.4		
NO2+NO3 (mg N/L)	1.6	1.0	0.8	0.4	0.2	0.2	0.5	0.1		
NO2-N (mgN/L)	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.0		
NO3-N (mgN/L)	1.5	1.0	0.8	0.4	4.2	0.2	0.4	0.1		
o-PO4-P (mg P/L)	0.1	0.2	0.0	0.1	12.1	0.0	0.1	0.0		
SiO2 (mg/L)	49.3	54.9	34.1	35.7	12.0	22.4	28.7	61.4		
SO4 (mg/L)	24.4	30.7	12.3	19.5	5.0	10.6	17.6	20.6		
BIOLOGICAL/BACTERIOLOGICAL					1.7					
BOD3-27 (mg/L)	2.1	2.0	1.1	1.1	16.6	0.6	1.3	1.1	A	
COD(mg/L)	84.8	88.8	39.1	54.6	68.2	19.6	34.0	54.9		
DO (mg/L)	7.5	8.4	6.7	7.2	71.9	6.2	6.7	7.1	A	
DO SAT% (%)	89.7	97.0	80.4	83.2	127.1	74.5	72.3	79.2		
FCol-MPN (MPN/100mL)	24596	3675	3162	404	100	100	358	100		
Tcol-MPN (MPN/100mL)	144530	8615	14281	735	73	100	250	100	B	
TRACE & TOXIC					54.0					
CHEMICAL INDICES					53.4					
HAR_Ca (mgCaCO3/L)	91	95	70	76	30	60	80	81		
HAR_Total (mgCaCO3/L)	156	180	112	149	21	120	123	166		
Na% (%)	39	43.4	24.1	34.3	4.5	25.9	24.2	34.3		
RSC (-)	1	1.0	0.3	0.5	0.1	0.1	0.3	0.5		
SAR (-)	2	1.9	0.8	1.3	0.2	0.9	0.8	1.4		
PESTICIDES										

* Designated best use classification based on last year(2008-09)

TENTATIVE CONTENT FOR STATEWISE/BASINWISE INFORMATION ON WATER QUALITY

1 Description of Water Resources: Godavari Basin

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3 Description of Parameter and frequency of monitoring :24 parameters, monthly , Trend Station

4 Analysis of Data : As below

River/Site/Parameter	Analysis of Last 10 Year Data(1999-2000 to 2008-09)						Last Year Average (2008-09)		Designated best use classification	Remarks
	Maximum Obseved		Average		Minimum Obseved		Monsoon	Non-monsoon		
	Monsoon	Non-monsoon	Monsoon	Non-monsoon	Monsoon	Non-monsoon				
River: Wainganga										
Site: Ashti										
Parameter										
EC_GEN (µmho/cm)	467	508	292	427	165	323	335	437		
pH_GEN (pH units)	8.6	8.7	8.3	8.5	7.9	9.4	8.3	8.7	A	
Temp (deg C)	27.3	27.1	24.9	22.7	22.8	19.3	19.2	21.3		
Turbidity(NTU)	323	2	101	1	1	1	60	1		
CHEMICAL										
Alk-Phen (mgCaCO3/L)	9.1	11.3	3.6	7.1	0.0	3.3	2.5	4.7		
ALK-TOT (mgCaCO3/L)	182.4	204.3	123.8	154.8	71.2	143.1	132.7	188.2		
B (mg/L)	0.8	0.8	0.4	19.4	0.2	0.2	0.7	0.4		
Ca (mg/L)	36.3	38.1	28.0	27.3	20.3	23.9	31.7	32.3		
Cl (mg/L)	42.7	44.3	15.2	28.8	3.9	18.4	15.7	32.4		
CO3 (mg/L)	11.0	13.6	4.4	11.3	0.0	4.0	3.0	5.6		
F (mg/L)	0.8	0.9	0.4	1.4	0.2	0.2	0.3	0.6		
Fe (mg/L)	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0		
HCO3 (mg/L)	211.1	231.5	142.1	193.8	86.0	160.1	155.5	217.8		
K (mg/L)	4.4	4.9	2.4	3.1	1.2	1.9	1.8	2.7		
Mg (mg/L)	18.1	23.5	10.0	17.7	3.6	12.2	10.4	20.5		
Na (mg/L)	45.4	50.9	19.2	37.0	5.7	25.3	21.0	42.2		
NH3-N (mg N/L)	0.5	0.5	0.3	0.2	0.1	0.1	0.3	0.4		
NO2+NO3 (mg N/L)	1.6	1.0	0.8	0.4	0.3	0.2	0.5	0.1		
NO2-N (mgN/L)	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0		
NO3-N (mgN/L)	1.5	1.0	0.8	0.4	0.3	0.2	0.4	0.1		
o-PO4-P (mg P/L)	0.1	0.2	0.0	0.1	0.0	0.0	0.1	0.0		
SiO2 (mg/L)	49.3	54.9	34.1	35.7	22.1	22.4	28.7	61.4		
SO4 (mg/L)	24.4	137.8	12.3	37.9	6.9	10.6	17.6	20.6		
BIOLOGICAL/BACTERIOLOGICAL										
BOD3-27 (mg/L)	2.1	2.0	1.1	1.0	0.5	0.6	1.3	1.1	A	
COD(mg/L)	72.2	88.8	35.2	54.6	27.5	32.4	34.0	54.9		
DO (mg/L)	7.5	8.4	6.7	7.2	6.1	6.2	6.7	7.1	A	
DO_SAT% (%)	89.7	110.5	80.4	83.2	72.8	74.5	72.3	79.2		
FCol-MPN (MPN/100mL)	24596	3677	3162	404	100	100	358	100		
Tcol-MPN (MPN/100mL)	144530	8600	14281	735	130	100	250	100	B	
TRACE & TOXIC										
CHEMICAL INDICES										
HAR_Ca (mgCaCO3/L)	91	95	70	76	51	65.3	80	81		
HAR_Total (mgCaCO3/L)	156	180	112	149	70	111.1	123	166		
Na% (%)	39	43.4	24.1	34.3	12.4	23.3	24.2	34.3		
RSC (-)	1	1.0	0.3	0.5	0.0	0.2	0.3	0.5		
SAR (-)	2	1.9	0.8	1.3	0.3	0.8	0.8	1.4		
PESTICIDES										

* Designated best use classification based on last year(2008-09)

CONTENTS FOR STATEWISE/BASINWISE INFORMATION ON WATER QUALITY										
1.0	Description of Water Resources: Godavari Basin									
2.0	Laboratory Network: Level II Laboratory , Wainganga Division, CWC, Nagpur									
3.0	Number and frequency of monitoring :24 parameters, monthly , Flux Station									
4.0	Analysis of Data : As below									
River/Site/Parameter	Year Data(1999-2000 to 2008-09)				Last Year Average (2008-09)				Designated best use class	Remarks
	Maximum Observed		Average	Minimum Observed						
	Monsoon	Non-monsoon	Monsoon	Non-monsoon	Monsoon	Non-monsoon	Monsoon	Non-monsoon		
River: Peddavagu										
Site: Bhatpally										
Parameter										
EC_GEN (µmho/cm)	553.0	602.5	422.4	537.1	251.0	459.3	486.5	537.1		
pH_GEN (pH units)	8.6	8.7	8.4	8.5	8.1	8.1	8.3	8.5	A	
Temp (deg C)	28.7	29.1	26.6	23.5	22.7	19.0	26.2	23.5		
Turbidity(NTU)	273.8	8.1	75.5	2.9	1.3	0.6	56.6	2.9		
CHEMICAL										
Alk-Phen (mgCaCO3/L)	11.5	13.3	5.3	7.0	0.4	1.6	2.4	7.0		
ALK-TOT (mgCaCO3/L)	263.7	290.4	199.2	255.0	114.4	197.0	230.7	255.0		
B (mg/L)	0.9	0.8	0.5	0.4	0.2	0.2	0.8	0.4		
Ca (mg/L)	41.5	40.4	32.3	29.1	21.2	19.4	35.5	29.1		
Cl (mg/L)	22.8	28.6	10.7	15.8	4.8	10.4	12.4	15.8		
CO3 (mg/L)	13.8	16.1	6.3	8.4	0.5	2.0	3.0	8.4		
F (mg/L)	1.1	1.1	0.7	0.7	0.3	0.3	0.6	0.7		
Fe (mg/L)	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0		
HCO3 (mg/L)	307.8	343.7	230.1	293.9	136.0	219.2	275.3	293.9		
K (mg/L)	3.2	5.0	2.1	2.4	1.3	1.4	1.9	2.4		
Mg (mg/L)	29.1	32.7	18.7	25.1	7.9	15.4	20.5	25.1		
Na (mg/L)	55.4	62.7	30.8	49.3	11.3	32.0	40.8	49.3		
NH3-N (mg N/L)	0.7	0.5	0.3	0.2	0.1	0.1	0.3	0.2		
NO2+NO3 (mg N/L)	3.2	2.6	1.6	1.0	0.6	0.5	0.8	1.0		
NO2-N (mgN/L)	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.0		
NO3-N (mgN/L)	3.1	2.5	1.6	1.0	0.5	0.5	0.7	1.0		
o-PO4-P (mg P/L)	0.1	0.2	0.0	0.1	0.0	0.0	0.1	0.1		
SiO2 (mg/L)	73.5	82.5	50.9	61.4	29.9	40.2	43.4	61.4		
SO4 (mg/L)	26.4	148.8	12.1	35.5	4.7	8.8	14.2	35.5		
BIOLOGICAL/BACTERIOLOGICAL										
BOD3-27 (mg/L)	3.6	2.8	1.3	1.3	0.5	0.6	1.8	1.3	A	
COD(mg/L)	79.6	106.7	51.7	78.7	24.3	63.2	53.9	78.7		
DO (mg/L)	8.6	9.2	7.2	7.9	5.5	6.7	7.2	7.9	A	
DO_SAT% (%)	102.0	104.7	89.3	93.1	70.3	81.5	89.2	93.1		
FCol-MPN (MPN/100mL)	62152.5	23385.0	7614.3	2477.8	165.0	99.0	566.7	2477.8		
Tcol-MPN (MPN/100mL)	177110.0	41835.0	19178.8	6406.1	235.0	91.0	2258.3	6406.1	Below E	
TRACE & TOXIC										
CHEMICAL INDICES										
HAR_Ca (mgCaCO3/L)	104.1	101.1	80.9	73.1	53.3	48.8	89.0	73.1		
HAR_Total (mgCaCO3/L)	196.5	213.4	158.9	177.4	98.4	133.7	176.0	177.4		
Na% (%)	42.4	46.7	28.3	37.5	16.1	27.5	31.7	37.5		
RSC (-)	1.8	2.4	0.8	1.6	0.2	0.7	1.1	1.6		
SAR (-)	1.9	2.2	1.1	1.6	0.4	1.1	1.3	1.6		
PESTICIDES										
* Designated best use classification based on last year(2008-09)										

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3 Description of Parameter and frequency of monitoring :24 parameters, monthly , Trend Station

4 Analysis of Data : As below

River/Site/Parameter	Analysis of Last 10 Year Data(1999-2000 to 2008-09)						Last Year Average (2008-09)		Designated best use classification	Remarks
	Maximum Obseved		Average		Minimum Obseved		Monsoon	Non-monsoon		
	Monsoon	Non-monsoon	Monsoon	Non-monsoon	Monsoon	Non-monsoon				
River: Wardha										
Site: Hivra										
Parameter										
EC_GEN (µmho/cm)	522	540	389	471	226	406	398	487		
pH_GEN (pH units)	8.7	8.8	8.4	8.6	7.9	8.4	8.5	8.9	C	
Temp (deg C)	29.0	25.8	27.1	22.7	25.2	19.5	27.3	23.0		
Turbidity(NTU)	125	4	37	2	2	1	35	1		
CHEMICAL										
Alk-Phen (mgCaCO3/L)	12.5	15.9	5.3	9.5	0.4	4.7	3.6	5.0		
ALK-TOT (mgCaCO3/L)	246.3	255.3	173.1	218.6	99.9	188.7	165.6	222.0		
B (mg/L)	0.8	0.8	0.4	0.5	0.2	0.2	0.6	0.8		
Ca (mg/L)	38.1	29.1	28.8	23.0	19.3	17.8	26.6	18.0		
Cl (mg/L)	25.9	25.6	16.8	19.2	6.8	13.7	16.5	20.6		
CO3 (mg/L)	15.1	19.1	6.4	11.5	0.5	5.6	4.3	6.0		
F (mg/L)	0.8	0.7	0.5	0.4	0.2	0.2	0.3	0.7		
Fe (mg/L)	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0		
HCO3 (mg/L)	274.3	289.5	198.2	243.4	120.0	209.4	193.0	259.0		
K (mg/L)	4.3	4.1	3.0	2.7	2.0	1.6	2.6	2.0		
Mg (mg/L)	25.6	27.3	16.5	21.8	7.3	16.4	16.1	20.2		
Na (mg/L)	60.7	63.1	30.8	48.1	11.8	35.2	31.9	52.0		
NH3-N (mg N/L)	0.5	0.5	0.3	0.4	0.1	0.2	0.2	1.8		
NO2+NO3 (mg N/L)	2.4	1.5	1.3	0.7	0.5	0.3	0.1	0.3		
NO2-N (mgN/L)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
NO3-N (mgN/L)	2.3	1.5	1.3	0.6	0.5	0.3	0.1	0.3		
o-PO4-P (mg P/L)	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1		
SiO2 (mg/L)	60.3	49.2	42.7	37.6	26.0	27.9	32.8	19.2		
SO4 (mg/L)	138.1	19.3	35.5	12.6	7.1	7.7	17.9	11.5		
BIOLOGICAL/BACTERIOLOGICAL										
BOD3-27 (mg/L)	3.2	31.7	1.5	4.5	0.5	0.6	2.0	2.1	C	
COD(mg/L)	124.1	94.2	65.5	62.3	27.5	53.3	95.1	52.5		
DO (mg/L)	7.7	8.4	6.5	7.0	5.3	5.4	6.6	7.5	A	
DO SAT% (%)	94.7	97.2	81.8	80.8	66.3	64.3	83.0	87.0		
FCol-MPN (MPN/100mL)	69555	825	12256	302	170	91	130	100		
Tcol-MPN (MPN/100mL)	159875	2225	19745	599	230	166	280	100	B	
TRACE & TOXIC										
CHEMICAL INDICES										
HAR_Ca (mgCaCO3/L)	96	73	72	58	48	45	67	46		
HAR_Total (mgCaCO3/L)	188	173	141	148	88	124	133	130		
Na% (%)	45	48.7	30.1	40.4	19.7	33.5	33.6	46.0		
RSC (-)	2	2.0	0.7	1.4	0.1	1.0	0.7	1.9		
SAR (-)	2	2.4	1.1	1.7	0.5	1.3	1.2	2.0		
PESTICIDES										

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River/Site/Parameter	Analysis of Last 10 Year Data(1999-2000 to 2008-09)						Last Year Average (2008-09)		Designated best use classification	Remarks
	Maximum Observed		Average		Minimum Observed		Monsoon	Non-monsoon		
	Monsoon	Non-monsoon	Monsoon	Non-monsoon	Monsoon	Non-monsoon				
River: Wunna										
Site: Nandgaon										
Parameter										
EC_GEN (µmho/cm)	558	471	415	410	244	353	507	511		
pH_GEN (pH units)	8.7	8.6	8.3	8.4	8.0	8.1	8.2	8.3	A	
Temp (deg C)	28.7	25.5	25.4	21.0	21.7	16.6	26.7	23.8		
Turbidity(NTU)	40.8	1.7	12.2	1.0	0.9	0.3	20.9	0.7		
CHEMICAL										
Alk-Phen (mgCaCO3/L)	13.7	8.2	5.1	4.9	0.2	0.9	2.9	2.2		
ALK-TOT (mgCaCO3/L)	213.3	209.6	161.9	164.9	90.6	126.4	195.3	168.3		
B (mg/L)	0.7	0.9	0.4	0.5	0.2	0.2	0.5	0.5		
Ca (mg/L)	44.5	34.6	31.4	29.8	20.3	22.5	39.8	32.5		
Cl (mg/L)	54.1	44.5	25.7	26.0	9.6	14.2	35.2	55.2		
CO3 (mg/L)	16.5	9.9	6.2	5.9	0.2	1.1	4.0	2.6		
F (mg/L)	2.3	0.7	0.8	0.5	0.2	0.2	0.4	0.6		
Fe (mg/L)	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0		
HCO3 (mg/L)	246.1	226.6	185.0	186.1	100.4	143.8	232.0	199.8		
K (mg/L)	4.9	4.5	2.8	2.4	1.6	1.2	2.8	3.0		
Mg (mg/L)	26.6	22.3	17.7	18.0	7.9	12.4	20.3	19.3		
Na (mg/L)	53.5	48.6	29.2	31.3	10.0	19.2	36.7	43.8		
NH3-N (mg N/L)	0.6	0.5	0.3	0.3	0.1	0.1	0.3	0.6		
NO2+NO3 (mg N/L)	3.0	1.8	1.5	0.6	0.3	0.2	0.3	0.2		
NO2-N (mgN/L)	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0		
NO3-N (mgN/L)	2.6	1.7	1.3	0.6	0.3	0.2	0.2	0.2		
o-PO4-P (mg P/L)	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0		
SiO2 (mg/L)	59.0	53.8	40.5	41.7	22.3	30.1	39.8	69.2		
SO4 (mg/L)	25.8	19.2	15.1	13.7	6.7	7.7	24.5	15.9		
BIOLOGICAL/BACTERIOLOGICAL										
BOD3-27 (mg/L)	27.2	9.0	4.4	2.6	0.7	0.6	3.0	5.2	Below E	
COD(mg/L)	227.2	54.3	53.1	36.1	9.3	14.3	24.3	40.2		
DO (mg/L)	7.8	7.7	6.0	6.2	3.8	4.1	6.1	5.2	B	
DO_SAT% (%)	95.9	84.4	73.1	68.7	47.4	45.2	76.6	61.2		
FCoI-MPN (MPN/100mL)	62315	9460	11712	1260	220	114	1280	150		
TcoI-MPN (MPN/100mL)	112655	18740	18847	2842	355	170	10010	358	Below E	
TRACE & TOXIC										
CHEMICAL INDICES										
HAR_Ca (mgCaCO3/L)	111	87	79	75	51	56	99	81		
HAR_Total (mgCaCO3/L)	198	165	152	149	96	123	184	161		
Na% (%)	41	40.8	27.5	30.1	15.7	20.8	28.0	35.0		
RSC (-)	1	1.0	0.4	0.4	0.0	0.1	0.3	0.2		
SAR (-)	2	1.8	1.0	1.1	0.4	0.7	1.1	1.5		
PESTICIDES										

* Designated best use classification based on last year(2008-09)

TENTATIVE CONTENT FOR STATEWISE/BASINWISE INFORMATION ON WATER QUALITY

1 Description of Water Resources: Godavari Basin

2 Description of Monitoring/Laboratory Network: Level II Laboratory , Wainganga Division, CWC, Nagpur

3 Description of Parameter and frequency of monitoring :24 parameters, monthly , Trend Station

4 Analysis of Data : As below

River/Site/Parameter	Analysis of Last 10 Year Data(1999-2000 to 2008-09)						Last Year Average (2008-09)		Designated best use classification	Remarks
	Maximum Obseved		Average		Minimum Obseved		Monsoon	Non-monsoon		
	Monsoon	Non-monsoon	Monsoon	Non-monsoon	Monsoon	Non-monsoon				
River: Penganga										
Site: P.G.bridge										
Parameter										
EC_GEN (µmho/cm)	449	476	350	426	208	370	405	453		
pH_GEN (pH units)	8.7	8.8	8.3	8.6	7.6	8.4	8.4	8.5	A	
Temp (deg C)	30.9	28.9	28.7	25.8	26.2	23.2	26.7	23.0		
Turbidity(NTU)	184	7	48	2	1	1	44	1		
CHEMICAL										
Alk-Phen (mgCaCO3/L)	11.4	13.4	5.0	7.9	0.0	3.3	4.6	6.5		
ALK-TOT (mgCaCO3/L)	201.3	219.3	156.7	196.4	98.5	163.1	162.8	189.0		
B (mg/L)	0.7	0.7	0.4	0.5	0.2	0.3	0.6	1.2		
Ca (mg/L)	39.3	32.7	30.8	27.3	21.9	21.6	35.2	30.0		
Cl (mg/L)	19.7	19.7	12.1	16.3	4.4	13.1	16.3	16.3		
CO3 (mg/L)	13.7	16.1	6.1	9.5	0.0	4.0	5.6	7.8		
F (mg/L)	0.9	0.8	0.5	0.5	0.3	0.3	0.3	0.7		
Fe (mg/L)	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0		
HCO3 (mg/L)	229.8	249.6	178.8	220.2	117.9	185.2	187.2	215.0		
K (mg/L)	3.5	3.8	2.3	2.4	1.6	1.7	2.1	1.6		
Mg (mg/L)	25.2	26.6	15.5	21.8	6.7	16.7	15.8	20.2		
Na (mg/L)	34.6	38.9	19.8	31.3	7.8	24.8	21.9	24.4		
NH3-N (mg N/L)	0.5	0.5	0.3	0.3	0.1	0.2	0.3	0.9		
NO2+NO3 (mg N/L)	3.1	2.6	1.5	1.1	0.4	0.4	0.3	0.2		
NO2-N (mgN/L)	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.0		
NO3-N (mgN/L)	3.1	2.5	1.5	1.0	0.4	0.3	0.2	0.2		
o-PO4-P (mg P/L)	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0		
SiO2 (mg/L)	64.1	58.8	45.4	49.4	29.4	42.6	39.5	35.7		
SO4 (mg/L)	23.9	16.1	10.8	10.7	4.6	6.5	14.8	12.5		
BIOLOGICAL/BACTERIOLOGICAL										
BOD3-27 (mg/L)	3.4	3.2	1.7	1.5	0.8	0.8	1.9	2.0	A	
COD(mg/L)	72.0	60.5	42.8	52.7	22.4	43.5	44.3	45.8		
DO (mg/L)	7.9	8.8	7.0	7.4	6.0	5.8	6.8	7.2	A	
DO SAT% (%)	100.3	105.9	89.8	91.1	76.4	72.9	84.8	84.0		
FCol-MPN (MPN/100mL)	37390	1260	4605	488	180	100	100	100		
Tcol-MPN (MPN/100mL)	92405	4880	11496	1975	195	155	190	100	B	
TRACE & TOXIC										
CHEMICAL INDICES										
HAR_Ca (mgCaCO3/L)	98	82	77	68	55	54	88	74		
HAR_Total (mgCaCO3/L)	184	184	141	159	92	133	154	158		
Na% (%)	35	35.6	22.1	29.5	12.8	24.2	22.4	25.0		
RSC (-)	1	1.2	0.4	0.8	0.0	0.4	0.2	0.6		
SAR (-)	1	1.4	0.7	1.1	0.3	0.8	0.8	0.8		
PESTICIDES										

* Designated best use classification based on last year(2008-09)

TENTATIVE CONTENT FOR STATEWISE/BASINWISE INFORMATION ON WATER QUALITY

1 Description of Water Resources: Godavari Basin

2 Description of Monitoring/Laboratory Network: Level II Laboratory , Wainganga Division, CWC, Nagpur

3 Description of Parameter and frequency of monitoring :24 parameters, monthly , Flux Station

4 Analysis of Data : As below

River/Site/Parameter	Analysis of Last 10 Year Data(1999-2000 to 2008-09)						Last Year Average (2008-09)		Designated best use classification	Remarks
	Maximum Observed		Average		Minimum Observed		Monsoon	Non-monsoon		
	Monsoon	Non-monsoon	Monsoon	Non-monsoon	Monsoon	Non-monsoon				
River: Kanhan										
Site: Satrapur										
Parameter										
EC_GEN (µmho/cm)	547	637	365	544	207	439	403	657		
pH_GEN (pH units)	8.5	8.6	8.2	8.2	7.9	7.9	8.1	8.2	A	
Temp (deg C)	30.1	28.8	26.7	23.5	22.6	19.0	23.8	22.9		
Turbidity(NTU)	107	2	32	1	1	0	22	0		
CHEMICAL										
Alk-Phen (mgCaCO3/L)	9.9	9.2	2.4	2.6	0.0	0.0	1.0	1.1		
ALK-TOT (mgCaCO3/L)	202.3	224.2	146.0	189.4	89.6	144.6	150.0	195.2		
B (mg/L)	0.9	0.9	0.4	0.4	0.1	0.2	0.6	0.4		
Ca (mg/L)	50.1	50.6	36.2	40.8	24.1	29.9	36.0	47.3		
Cl (mg/L)	50.4	72.3	20.3	46.9	4.5	28.1	22.4	77.6		
CO3 (mg/L)	12.0	11.1	2.9	3.2	0.0	0.0	1.0	1.3		
F (mg/L)	0.9	1.1	0.5	0.6	0.2	0.3	0.4	0.8		
Fe (mg/L)	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0		
HCO3 (mg/L)	237.6	268.9	172.3	224.6	108.6	165.4	181.8	235.5		
K (mg/L)	3.3	3.8	2.3	2.4	1.4	1.6	1.9	2.7		
Mg (mg/L)	22.1	29.0	13.0	20.5	4.9	12.5	14.7	26.9		
Na (mg/L)	52.7	60.2	22.8	44.3	6.6	25.1	28.9	49.4		
NH3-N (mg N/L)	1.9	0.9	0.4	0.3	0.1	0.1	0.3	0.4		
NO2+NO3 (mg N/L)	1.6	1.4	0.9	0.7	0.3	0.3	0.4	0.2		
NO2-N (mgN/L)	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0		
NO3-N (mgN/L)	1.5	1.3	0.8	0.6	0.3	0.3	0.3	0.2		
o-PO4-P (mg P/L)	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0		
SiO2 (mg/L)	58.4	62.4	39.7	45.2	20.2	31.0	31.7	72.6		
SO4 (mg/L)	120.8	49.7	36.2	30.9	7.7	15.1	27.5	35.8		
BIOLOGICAL/BACTERIOLOGICAL										
BOD3-27 (mg/L)	4.3	14.0	1.8	2.6	0.6	0.7	1.7	1.8	A	
COD(mg/L)	62.3	87.2	30.6	49.3	3.5	18.5	33.3	43.8		
DO (mg/L)	9.0	10.4	7.3	8.0	5.8	6.1	7.3	7.5	A	
DO_SAT% (%)	112.0	118.1	91.6	94.3	72.9	73.8	86.2	87.2		
FCol-MPN (MPN/100mL)	112035	13755	8679	1712	330	125	617	225		
Tcol-MPN (MPN/100mL)	204120	44120	18126	4784	555	305	2275	725	C	
TRACE & TOXIC										
CHEMICAL INDICES										
HAR_Ca (mgCaCO3/L)	125	127	91	102	61	75	90	119		
HAR_Total (mgCaCO3/L)	199	224	145	253	89	153	151	230		
Na% (%)	39	43.0	23.0	32.5	12.5	20.4	27.8	31.2		
RSC (-)	1	0.7	0.2	0.2	0.0	0.0	0.2	0.0		
SAR (-)	2	2.0	0.8	1.4	0.3	0.8	1.1	1.4		
PESTICIDES										

* Designated best use classification based on last year(2008-09)

TENTATIVE CONTENT FOR STATEWISE/BASINWISE INFORMATION ON WATER QUALITY

1 Description of Water Resources: Godavari Basin

2 Description of Monitoring/Laboratory Network: Level II Laboratory , Wainganga Division, CWC, Nagpur

3 Description of Parameter and frequency of monitoring :24 parameters, monthly , Flux Station

4 Analysis of Data : As below

River/Site/Parameter	Analysis of Last 10 Year Data(1999-2000 to 2008-09)						Last Year Average (2008-09)		Designated best use classification	Remarks
	Maximum Obseved		Average		Minimum Obseved		Monsoon	Non-monsoon		
	Monsoon	Non-monsoon	Monsoon	Non-monsoon	Monsoon	Non-monsoon				
River: Wardha										
Site: Bamni										
Parameter										
EC_GEN (µmho/cm)	1276	1340	514	737	214	498	667	1192		
pH_GEN (pH units)	8.6	8.7	8.2	8.3	7.8	7.8	8.1	8.1	A	
Temp (deg C)	32.0	31.9	29.2	26.0	25.5	21.4	30.7	26.8		
Turbidity(NTU)	165	6	61	2	2	1	88	1		
CHEMICAL										
Alk-Phen (mgCaCO3/L)	9.8	11.2	3.6	3.6	0.0	0.0	2.2	0.0		
ALK-TOT (mgCaCO3/L)	245.0	296.9	161.3	198.7	84.9	144.3	202.5	224.5		
B (mg/L)	0.9	0.9	0.5	0.4	0.1	0.2	1.0	0.4		
Ca (mg/L)	90.9	101.1	42.1	51.9	22.4	32.2	56.2	81.2		
Cl (mg/L)	219.3	294.3	50.0	101.4	6.7	28.6	52.7	250.2		
CO3 (mg/L)	11.9	13.5	4.3	4.3	0.0	0.0	2.7	0.0		
F (mg/L)	1.4	1.3	0.6	0.7	0.3	0.3	0.5	0.9		
Fe (mg/L)	0.2	47.9	0.0	0.0	0.0	12.2	0.0	0.0		
HCO3 (mg/L)	288.7	307.2	188.2	233.7	98.6	155.8	241.7	273.5		
K (mg/L)	13.2	21.4	4.2	7.2	1.7	4.0	3.8	8.2		
Mg (mg/L)	36.1	54.9	17.6	25.9	6.1	15.7	18.5	42.9		
Na (mg/L)	121.6	131.1	35.7	68.6	8.5	30.8	49.1	112.7		
NH3-N (mg N/L)	0.7	1.2	0.3	0.3	0.1	0.1	0.5	0.4		
NO2+NO3 (mg N/L)	6.3	4.9	2.4	2.1	0.7	0.8	1.2	0.7		
NO2-N (mgN/L)	0.6	0.9	0.1	0.1	0.0	0.0	0.2	0.1		
NO3-N (mgN/L)	6.1	4.7	2.2	2.0	0.7	0.6	0.9	0.6		
o-PO4-P (mg P/L)	0.6	6.4	0.1	0.3	0.0	2.4	0.3	0.3		
SiO2 (mg/L)	66.4	75.8	42.1	52.2	22.3	34.4	33.4	88.6		
SO4 (mg/L)	113.9	126.2	30.0	47.9	8.4	21.3	40.7	46.6		
BIOLOGICAL/BACTERIOLOGICAL										
BOD3-27 (mg/L)	35.6	68.3	6.7	10.1	0.6	0.8	26.5	27.2	Below E	
COD(mg/L)	73.7	170.5	39.5	93.3	16.2	37.8	51.3	121.8		
DO (mg/L)	7.4	7.9	6.2	5.8	3.7	2.4	4.1	4.1	C	
DO_SAT% (%)	95.2	94.7	80.4	70.1	50.0	31.4	54.3	49.5		
FCoI-MPN (MPN/100mL)	34259	10700	4875	1433	125	99	825	100		
TcoI-MPN (MPN/100mL)	87530	27945	11396	4776	175	114	4625	300	C	
TRACE & TOXIC										
CHEMICAL INDICES		248.0								
HAR_Ca (mgCaCO3/L)	228	272	106	130	56	81	140	203		
HAR_Total (mgCaCO3/L)	363	378	179	238	86	160	217	382		
Na% (%)	42	44.2	26.0	36.1	15.0	26.5	25.7	36.8		
RSC (-)	1	1.2	0.2	0.2	0.0	0.0	0.4	0.0		
SAR (-)	3	3.4	1.1	1.9	0.4	1.1	1.3	2.4		
PESTICIDES										

* Designated best use classification based on last year(2008-09)

TENTATIVE CONTENT FOR STATEWISE/BASINWISE INFORMATION ON WATER QUALITY

1 Description of Water Resources: Godavari Basin

2 Description of Monitoring/Laboratory Network: Level II Laboratory , Wainganga Division, CWC, Nagpur

3 Description of Parameter and frequency of monitoring :24 parameters, monthly , Trend Station

4 Analysis of Data : As below

River/Site/Parameter	Analysis of Last 10 Year Data(1999-2000 to 2008-09)						Last Year Average (2005-06)		Designated best use classification	Remarks
	Maximum Obseved		Average		Minimum Obseved		Monsoon	Non-monsoon		
	Monsoon	Non-monsoon	Monsoon	Non-monsoon	Monsoon	Non-monsoon				
River: Wardha								site closed on 31.10.2005		
Site: Bhishnur										
Parameter										
EC_GEN (µmho/cm)	571	672	443	547	295	351	534			
pH_GEN (pH units)	8.4	8.3	8.1	8.1	7.9	7.9	8.0		A	
Temp (deg C)	28.4	27.7	26.6	22.6	24.3	17.8	26.5			
Turbidity(NTU)										
CHEMICAL										
Alk-Phen (mgCaCO3/L)	9.4	7.7	4.4	4.3	4.0	3.3	0.0			
ALK-TOT (mgCaCO3/L)	295.1	359.0	229.3	296.0	144.5	175.7	254.1			
B (mg/L)	0.7	0.8	0.4	0.4	0.1	0.2	0.2			
Ca (mg/L)	36.9	37.7	29.7	29.9	24.0	22.5	36.0			
Cl (mg/L)	20.5	19.4	13.1	13.7	6.3	7.9	15.7			
CO3 (mg/L)	9.0	8.3	2.3	2.3	0.0	0.4	0.0			
F (mg/L)	1.0	0.9	0.6	0.5	0.3	0.2	1.1			
Fe (mg/L)	0.1	0.1	0.0	0.0	0.0	0.0	0.0			
HCO3 (mg/L)	347.0	417.0	263.4	340.6	168.0	200.5	310.0			
K (mg/L)	3.9	3.4	2.6	2.0	1.7	1.1	1.8			
Mg (mg/L)	45.0	32.4	19.5	25.0	10.0	12.5	16.7			
Na (mg/L)	68.6	84.2	42.9	57.2	18.1	25.2	62.5			
NH3-N (mg N/L)	1.9	0.3	0.6	0.2	0.1	0.1	0.1			
NO2+NO3 (mg N/L)	1.2	1.0	0.6	0.6	0.2	0.2	0.2			
NO2-N (mgN/L)	0.1	0.0	0.0	0.0	0.0	0.0	0.0			
NO3-N (mgN/L)	1.2	1.0	0.6	0.5	0.2	0.2	0.2			
o-PO4-P (mg P/L)	0.2	0.0	0.1	0.0	0.0	0.0	0.0			
SiO2 (mg/L)	53.3	61.4	39.5	44.8	24.5	30.4	27.5			
SO4 (mg/L)	12.7	13.9	8.7	9.4	4.5	4.1	14.9			
BIOLOGICAL/BACTERIOLOGICAL					0.0					
BOD3-27 (mg/L)	13.8	48.4	5.7	8.6	1.7	0.5	9.0		below E	
COD(mg/L)										
DO (mg/L)	6.4	6.8	4.8	4.9	3.0	2.8	2.5		below E	
DO_SAT% (%)	79.1	77.0	59.2	56.3	38.1	35.2	30.5			
FCol-MPN (MPN/100mL)	63321	8697	6794	1464	356	150	448			
Tcol-MPN (MPN/100mL)	240879	46943	21508	13305	694	233	1255		C	
TRACE & TOXIC										
CHEMICAL INDICES										
HAR_Ca (mgCaCO3/L)	92	94	75	75	60	56	90			
HAR_Total (mgCaCO3/L)	263	207	156	179	110	125	160			
Na% (%)	48	51.3	34.9	39.9	19.3	26.5	43.5			
RSC (-)	3	3.2	1.4	2.1	0.5	0.8	2.0			
SAR (-)	2	2.8	1.5	1.9	0.7	0.9	2.2			

* Designated best use classification based on last year(2005-06)

TENTATIVE CONTENT FOR STATEWISE/BASINWISE INFORMATION ON WATER QUALITY

1 Description of Water Resources: Godavari Basin

2 Description of Monitoring/Laboratory Network: Level II Laboratory , Wainganga Division, CWC, Nagpur

3 Description of Parameter and frequency of monitoring :24 parameters, monthly , Baseline Station

4 Analysis of Data : As below

River/Site/Parameter	Analysis of Last 10 Year Data(1999-2000 to 2008-09)						Last Year Average (2005-06)		Designated best use classification	Remarks
	Maximum Obseved		Average		Minimum Obseved		Monsoon	Non-monsoon		
	Monsoon	Non-monsoon	Monsoon	Non-monsoon	Monsoon	Non-monsoon				
River: Wainganga								site closed on 31.10.2005		
Site: Kumhari										
Parameter										
EC_GEN (µmho/cm)	347	389	217	329	112	271	210			
pH_GEN (pH units)	8.5	8.4	8.1	8.1	7.5	7.8	8.0	A		
Temp (deg C)	29.9	28.5	26.8	21.8	23.3	16.6	28.4			
Turbidity(NTU)										
CHEMICAL										
Alk-Phen (mgCaCO3/L)	5.3	5.2	1.1	1.5	0.0	0.0	0.0			
ALK-TOT (mgCaCO3/L)	180.7	223.0	105.2	170.5	51.9	129.1	99.8			
B (mg/L)	0.7	0.7	0.4	0.3	0.1	0.1	0.2			
Ca (mg/L)	46.7	48.5	27.8	38.2	14.4	28.0	29.0			
Cl (mg/L)	18.3	13.4	7.0	8.3	2.6	5.8	6.1			
CO3 (mg/L)	6.3	6.2	1.4	1.8	0.0	0.0	0.0			
F (mg/L)	0.6	0.5	0.4	0.3	0.1	0.2	0.2			
Fe (mg/L)	29.2	78.7	16.4	64.4	7.0	47.7	0.4			
HCO3 (mg/L)	192.2	163.8	109.6	134.9	56.4	108.0	121.8			
K (mg/L)	4.4	6.9	2.4	4.9	1.2	2.4	1.4			
Mg (mg/L)	15.2	21.8	8.0	13.9	2.2	8.2	8.3			
Na (mg/L)	16.3	13.4	8.7	10.1	3.8	6.4	9.5			
NH3-N (mg N/L)	0.7	0.5	0.3	0.2	0.1	0.1	0.1			
NO2+NO3 (mg N/L)	1.0	1.2	0.5	0.6	0.2	0.2	0.5			
NO2-N (mgN/L)	0.2	0.3	0.1	0.1	0.0	0.0	0.1			
NO3-N (mgN/L)	1.0	1.2	0.5	0.6	0.2	0.2	0.4			
o-PO4-P (mg P/L)	5.8	19.6	4.1	14.8	2.7	8.8	0.0			
SiO2 (mg/L)	47.9	41.7	32.0	28.1	19.4	19.7	65.4			
SO4 (mg/L)	15.2	12.1	8.8	6.3	3.4	3.2	17.3			
BIOLOGICAL/BACTERIOLOGICAL										
BOD3-27 (mg/L)	4.4	3.4	1.5	1.5	0.4	0.5	2.0	A		
COD(mg/L)										
DO (mg/L)	9.4	10.6	7.0	7.9	5.3	6.1	6.4	A		
DO_SAT% (%)	114.1	116.3	86.7	89.5	68.0	71.0	82.0			
FCol-MPN (MPN/100mL)	35679	5485	5800	936	121	100	210			
Tcol-MPN (MPN/100mL)	77737	39007	13804	5204	200	89	652	C		
TRACE & TOXIC										
CHEMICAL INDICES										
HAR_Ca (mgCaCO3/L)	117	122	70	96	36	70	72			
HAR_Total (mgCaCO3/L)	163	177	101	148	48	123	107			
Na% (%)	25	23.0	16.7	18.0	10.9	12.5	14.2			
RSC (-)	1	0.8	0.1	0.4	0.0	0.1	0.1			
SAR (-)	1	0.7	0.4	0.5	0.2	0.4	0.4			
PESTICIDES										

* Designated best use classification based on last year(2005-06)

TENTATIVE CONTENT FOR STATEWISE/BASINWISE INFORMATION ON WATER QUALITY

1 Description of Water Resources: Godavari Basin

2 Description of Monitoring/Laboratory Network: Level II Laboratory , Wainganga Division, CWC, Nagpur

3 Description of Parameter and frequency of monitoring :24 parameters, monthly , Trend Station

4 Analysis of Data : As below

River/Site/Parameter	Analysis of Last 10 Year Data(1999-2000 to 2008-09)						Last Year Average (2008-09)		Designated best use classification	Remarks
	Maximum Observed		Average		Minimum Observed		Monsoon	Non-monsoon		
	Monsoon	Non-monsoon	Monsoon	Non-monsoon	Monsoon	Non-monsoon				
River: Wainganga										
Site: Pauni										
Parameter										
EC_GEN (µmho/cm)	476	478	292	385	175	321	325	367		
pH_GEN (pH units)	8.7	8.7	8.2	8.3	7.9	8.0	8.2	8.4	A	
Temp (deg C)	31.0	29.7	27.5	23.9	24.4	18.5	28.5	25.0		
Turbidity(NTU)	190	2	50	1	1	0	50	1		
CHEMICAL										
Alk-Phen (mgCaCO3/L)	7.7	9.5	2.2	3.9	0.0	0.0	1.9	3.0		
ALK-TOT (mgCaCO3/L)	181.9	213.1	122.3	166.7	76.8	132.6	125.8	153.8		
B (mg/L)	0.7	1.0	0.4	0.5	0.2	0.2	0.7	0.6		
Ca (mg/L)	41.1	40.9	30.6	33.8	20.4	26.2	31.5	31.2		
Cl (mg/L)	46.4	46.0	16.8	23.5	5.5	12.8	15.9	26.2		
CO3 (mg/L)	9.3	11.4	2.6	4.7	0.0	0.0	2.3	3.6		
F (mg/L)	0.9	0.9	0.5	0.5	0.2	0.2	0.3	0.5		
Fe (mg/L)	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0		
HCO3 (mg/L)	213.1	230.1	143.8	190.2	91.7	149.4	148.8	180.0		
K (mg/L)	5.9	5.3	2.8	3.2	1.4	1.8	2.0	2.8		
Mg (mg/L)	90.3	19.5	21.4	14.6	3.8	8.9	8.9	13.7		
Na (mg/L)	48.7	47.1	18.2	27.9	6.0	16.7	22.1	25.9		
NH3-N (mg N/L)	0.6	0.7	0.3	0.3	0.1	0.1	0.4	0.7		
NO2+NO3 (mg N/L)	2.8	34.3	1.2	6.3	0.5	0.4	0.6	0.1		
NO2-N (mgN/L)	0.5	0.5	0.1	0.1	0.0	0.0	0.1	0.0		
NO3-N (mgN/L)	2.4	33.9	1.1	6.2	0.5	0.3	0.5	0.1		
o-PO4-P (mg P/L)	0.3	0.3	0.1	0.1	0.0	0.0	0.1	0.1		
SiO2 (mg/L)	53.2	52.1	34.0	35.1	21.5	18.3	28.9	59.2		
SO4 (mg/L)	19.8	20.9	11.5	13.2	5.6	7.3	15.6	8.7		
BIOLOGICAL/BACTERIOLOGICAL										
BOD3-27 (mg/L)	6.0	6.9	2.3	2.9	0.9	0.9	2.7	2.9	B	
COD(mg/L)	95.9	128.5	55.0	78.9	27.1	35.4	54.1	81.8		
DO (mg/L)	7.6	8.1	6.4	6.6	5.2	5.2	6.8	6.8	A	
DO SAT% (%)	95.8	93.1	81.3	77.5	64.1	62.5	87.3	81.7		
FCol-MPN (MPN/100mL)	189550	10690	15529	1918	420	90	458	467		
Tcol-MPN (MPN/100mL)	124455	37650	24391	8972	765	130	2500	5392	Below E	
TRACE & TOXIC										
CHEMICAL INDICES										
HAR_Ca (mgCaCO3/L)	103	103	77	85	51	66	79	79		
HAR_Total (mgCaCO3/L)	456	170	166	145	81	119	116	135		
Na% (%)	40	39.8	22.1	28.3	12.1	19.8	24.0	28.8		
RSC (-)	1	0.8	0.2	0.4	0.0	0.0	0.4	0.4		
SAR (-)	2	1.7	0.7	1.0	0.3	0.6	0.9	1.0		
PESTICIDES										

* Designated best use classification based on last year(2008-09)

TENTATIVE CONTENT FOR STATEWISE/BASINWISE INFORMATION ON WATER QUALITY

1 Description of Water Resources: Godavari Basin

2 Description of Monitoring/Laboratory Network: Level II Laboratory , Wainganga Division, CWC, Nagpur

3 Description of Parameter and frequency of monitoring :24 parameters, monthly , baseline Station

4 Analysis of Data : As below

River/Site/Parameter	Analysis of Last 10 Year Data(1999-2000 to 2008-09)						Last Year Average (2005-06)		Designated best use classification	Remarks
	Maximum Obseved		Average		Minimum Obseved		Monsoon	Non-monsoon		
	Monsoon	Non-monsoon	Monsoon	Non-monsoon	Monsoon	Non-monsoon				
River: Bagh								site closed on 31.10.2005		
Site: Rajegaon										
Parameter										
EC_GEN (µmho/cm)	203	290	142	238	79	169	122			
pH_GEN (pH units)	8.2	8.2	7.9	8.0	7.5	7.7	7.8		A	
Temp (deg C)	30.5	28.3	27.1	22.8	22.9	18.3	27.7			
Turbidity(NTU)										
CHEMICAL										
Alk-Phen (mgCaCO3/L)	1	3.8	0.1	1.0	0.0	0.0	0.0			
ALK-TOT (mgCaCO3/L)	95.0	168.5	65.2	121.4	31.9	77.2	42.3			
B (mg/L)	0.6	0.7	0.3	0.3	0.1	0.1	0.2			
Ca (mg/L)	24.6	29.3	16.7	24.3	8.9	17.3	10.7			
Cl (mg/L)	8.8	11.4	4.7	7.2	1.7	5.0	7.1			
CO3 (mg/L)	0.9	4.6	0.1	1.2	0.0	0.0	0.0			
F (mg/L)	0.7	0.6	0.5	0.3	0.3	0.1	0.9			
Fe (mg/L)	0.8	0.1	0.4	0.0	0.0	0.0	0.9			
HCO3 (mg/L)	115.9	175.5	79.3	141.0	38.9	94.2	51.3			
K (mg/L)	3.3	3.4	1.9	2.0	1.1	1.3	1.8			
Mg (mg/L)	8.8	15.0	5.4	10.5	2.3	5.6	7.1			
Na (mg/L)	10.4	19.8	5.7	12.1	2.3	6.7	3.5			
NH3-N (mg N/L)	0.7	0.4	0.3	0.2	0.1	0.1	0.1			
NO2+NO3 (mg N/L)	2.4	1.7	0.9	0.6	0.3	0.2	0.9			
NO2-N (mgN/L)	0.1	0.1	0.1	0.0	0.0	0.0	0.1			
NO3-N (mgN/L)	2.3	1.6	0.8	0.6	0.2	0.2	0.8			
o-PO4-P (mg P/L)	0.1	0.3	0.0	0.1	0.0	0.0	0.0			
SiO2 (mg/L)	45.7	37.2	33.0	31.0	22.1	22.7	68.5			
SO4 (mg/L)	11.4	11.5	6.4	5.6	2.5	2.7	8.2			
BIOLOGICAL/BACTERIOLOGICAL										
BOD3-27 (mg/L)	2.1	3.4	1.0	1.6	0.4	0.7	1.4		A	
COD(mg/L)										
DO (mg/L)	7.4	8.9	6.4	7.1	5.3	4.7	5.9		B	
DO SAT% (%)	90.1	97.3	79.8	81.7	67.3	58.0	74.7			
FCol-MPN (MPN/100mL)	141086	6283	12380	974	314	100	283			
Tcol-MPN (MPN/100mL)	239484	28783	24000	4540	429	150	797		C	
TRACE & TOXIC										
CHEMICAL INDICES										
HAR_Ca (mgCaCO3/L)	61.9	74	42	61	22	43	27			
HAR_Total (mgCaCO3/L)	88.0	124	64	105	34	73	57			
Na% (%)	22	27.3	15.0	19.5	8.4	13.8	11.7			
RSC (-)	0	0.7	0.1	0.3	0.0	0.1	0.0			
SAR (-)	1	0.8	0.3	0.5	0.1	0.3	0.2			
PESTICIDES										

* Designated best use classification based on last year(2005-06)