

WATER QUALITY OF RIVER MAHANADI - 20

Sundargarh

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., μS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	18	7.9	8.5	0.2	4.75	130.6	0.143	0.65
February		27	8.06	8.7	1.8	5.37	146.8	0.032	1.276
March		27	8.0	8.5	0.5	3	154.1	0.098	0.406
April		32	7.72	5.3	0.6	4.8	163	0.008	1.792
May		37	8.2	8.0	0.6	3.8	190	0.296	1.344
June		34	8.4	7.4	0.4	3.24	336	0.032	0.224
July		35	7.8	6.7	1	8.2	157	0.66	0.448
August		30	7.5	6.6	0.8	8	75.9	0.705	1.4
September		31	8.23	6.9	1.2	10.5	93	0.048	0.84
October		33	8.3	6	1.5	9.7	171	0.265	1.4
November		31	8.1	7	0.8	8.1	148	0.124	1.456
December		21	7.6	15.9	0.9	8.4	152	0.185	1.456
Minimum		18.0	7.5	5.3	0.2	3	76	0.01	0.224
Maximum		37	8.37	15.9	1.8	10.5	336	0.71	1.792
Average		29.7	8.0	8.0	0.9	6	160	0.22	1

Jharsuguda

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., μS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	18	8.0	8.5	1.6	8.1	138.4	0.14	0.44
February		26	8.14	8.1	1.4	5.37	151.3	0.067	1.392
March		25	7.2	7.5	1.3	8	159.5	0.075	0.464
April		30	8.04	6.1	0.8	5.2	169	0.046	1.008
May		37	8.3	8.1	0.8	5.2	209	0.291	1.456
June		32	8.1	7.4	0.6	5.9	516	0.114	2.632
July		32	7.6	6.5	1	10.2	114	0.902	0.28
August		30	7.7	6.4	1	8	110.2	0.707	1.4
September		29	8.09	6.6	1	9.3	97	0.65	1.68
October		31	8.3	6.2	1.6	10	177	0.189	1.568
November		31	7.5	7.5	1.1	10.4	144	0.011	0.224
December		24	7.8	8.5	1.3	10.4	149	0.256	1.568
Minimum		18.0	7.2	6.1	0.6	5.2	97.0	0.0	0.2
Maximum		37.0	8.3	8.5	1.6	10.4	516.0	0.9	2.6
Average		28.8	7.9	7.3	1.1	8.0	177.9	0.3	1.2

Brajrajnagar U/S

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	18	7.2	8.1	1.2	7.9	140.3	0.063	0.88
February		26	8.1	8.7	1.4	5.37	157.7	0.428	0.928
March		25	8.2	6.4	0.7	6	160.8	0.388	0.406
April		30	7.43	5.8	0.8	5.8	168.3	0.135	0.896
May		38	8.0	8.1	0.8	7.4	204	0.131	1.064
June		32	8.1	7.5	0.6	5.48	186	0.021	1.96
July		32	7.7	6.8	1	10.2	108	0.38	0.336
August		31	8.1	7	1	10	123.1	0.731	1.4
September		28	8.1	6.6	0.6	8.4	107	0.561	1.12
October		32	8.3	6.6	1.6	9.7	184	0.148	1.344
November		33	7.7	7.3	1.3	12.7	168	0.137	0.448
December		22	8.1	9.3	1	8.3	183	0.008	1.344
Minimum		18.0	7.2	5.8	0.6	5.4	107.0	0.0	0.3
Maximum		38.0	8.3	9.3	1.6	12.7	204.0	0.7	2.0
Average		28.9	7.9	7.3	1.0	8.1	157.5	0.3	1.0

Brajrajnagar D/S

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	18	7.6	7.9	1.6	8.2	141.3	0.086	0.77
February		27	7.24	9.4	2.4	8.1	163.6	0.552	0.964
March		26	8.2	6.3	0.7	6	160.5	0.179	0.174
April		30	7.41	5.8	1	7	171.8	0.063	1.232
May		38	8.4	7.7	1.6	18.4	207	0.301	0.952
June		33	8.2	7.0	1.0	8.12	186	0.002	1.288
July		33	7.2	7.1	1.4	16.3	158	0.432	0.392
August		28	8.0	6.3	1.3	18	136	0.789	1.68
September		28	8.19	6.4	0.9	9.3	120	0.704	2.2
October		32	8.3	5.8	2	13	194	0.339	2.016
November		33	7.4	7.5	1.8	16.2	167	0.055	0.9
December		23	8.2	8.9	1.7	11.2	172	0.254	1.5
Minimum		18.0	7.2	5.8	0.7	6.0	120.0	0.0	0.2
Maximum		38.0	8.4	9.4	2.4	18.4	207.0	0.8	2.2
Average		29.1	7.9	7.2	1.5	11.7	164.8	0.3	1.1

Bheden

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	17	8.0	8.4	1.4	8.1	263.8	0.862	0.44
February		29	8.38	9.2	2.2	8.1	350.8	0.197	0.928
March		25	8.0	7.1	1.3	10	294.9	0.285	0.406
April		30	7.56	6.7	1.2	12	339	0.092	0.896
May		39	8.3	6.7	0.4	12.8	348	0.067	1.344
June		32	7.8	6.7	1.8	16.2	403	0.84	1.68
July		32	7.6	5.6	1.4	12.2	196	0.519	0.392
August		28	8.1	6.5	0.9	16	157	0.846	1.96
September		28	8.14	6.1	1.47	8.6	134	0.041	1.96
October		31	8.3	4.7	0.8	14.6	251	0.108	1.344
November		32	7.6	8.3	1.4	9.8	213	0.761	0.896
December		24	8.1	9.2	2	12.4	231	0.265	1.456
Minimum		17.0	7.6	4.7	0.4	8.1	134.0	0.0	0.4
Maximum		39.0	8.4	9.2	2.2	16.2	403.0	0.9	2.0
Average		28.9	8.0	7.1	1.4	11.7	265.1	0.4	1.1

Hirakud

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	18	7.7	8.6	1.2	6	139.7	0.013	0.33
April		34	8.27	8.4	1	8	166	0.257	0.90
July		36	8.0	7.1	0.8	10	204	0.047	0.34
October		34	8.1	6.2	0.8	9.4	200	2.209	1.23
Minimum		18.0	7.7	6.2	0.8	6.0	139.7	0.0	0.3
Maximum		36.0	8.3	8.6	1.2	10.0	204.0	2.2	1.2
Average		30.5	8.0	7.6	1.0	8.4	177.4	0.6	0.7

Sambalpur U/S

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	18	8.0	8.5	1.8	10.6	167.2	0.148	0.44
February		26	7.81	8	2.2	8.4	177.3	0.04	1.39
March		23	8.2	7.3	2.1	14	165.7	0.723	0.348
April		34	7.74	8.1	1.8	12	186	0.254	1.23
May		39	8.2	6.8	1.2	14	172	0.264	1.008
June		33	8.0	7.8	0.8	8.12	174	0.066	2.352

July	36	8.1	6.6	1	12.2	169	1.131	0.34
August	29	8.1	6.7	1.2	18	221	1.091	1.12
September	29	8.3	7.5	1.6	10.4	195	0.36	2.8
October	33	8.4	7.9	1.4	16.2	253	0.333	1.51
November	31	8.2	8.6	1.5	13.1	212	0.87	1.568
December	25	7.9	10.2	1.2	12.4	190	0.099	1.904
Minimum	18.0	7.7	6.6	0.8	8.1	165.7	0.0	0.3
Maximum	39.0	8.4	10.2	2.2	18.0	253.0	1.1	2.8
Average	29.7	8.1	7.8	1.5	12.5	190.2	0.4	1.3

Sambalpur D/S

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	18	7.6	7.8	2.8	19.6	203.8	0.302	0.66
February		24	8.26	7.1	3.8	15.4	213.4	0.582	1.58
March		23	8.2	6.5	3.4	20	194.4	0.229	0.406
April		34	7.89	6.4	2.8	20	191	0.063	1.23
May		38	8.3	6.0	1.8	18.4	237	0.33	0.784
June		32	8.3	7.0	1.6	12	213	0.149	2.016
July		34	7.7	4.4	2.8	20	244	0.548	0.39
August		28	8.2	5.8	2.9	26	212	1.567	3.92
September		30	8.27	6.7	2	15.4	195	0.346	3.08
October		34	8.4	7.4	2.6	20.2	291	0.79	1.12
November		31	7.9	9.4	2.9	16.6	200	0.457	1.232
December		25	8.6	11.4	2.4	18.6	244	0.192	1.96
Minimum		18.0	7.6	4.4	1.6	12.0	191.0	0.1	0.4
Maximum		38.0	8.6	11.4	3.8	26.0	291.0	1.6	3.9
Average		29.3	8.1	7.2	2.7	18.5	219.9	0.5	1.5

Sambalpur FD/S at Huma

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	26	7.9	8.4	1.4	9.75	163.7	0.302	0.33
February		22	7.87	7.8	2.8	10.4	174.9	0.246	0.70
March		26	8.2	9.9	0.6	10	163.2	0.255	0.928
April		35	7.43	7.5	1.4	16	216	0.077	1.06
May		37	8.2	6.6	1.6	17.4	175	0.285	1.568
June		32	8.1	7.4	1.0	9.7	182	0.05	2.128
July		34	8.1	5	1.8	16	200	0.13	0.39
August		30	8.4	6	1.3	13	266	0.247	1.57
September		31	8.31	6.7	1	9.1	192	0.225	1.96

October		30	8.4	6	1.3	13	266	0.247	1.57
November		31	7.6	6.3	2.5	16.6	173	0.175	1.232
December		23	8.1	9.8	1.9	14	182	0.331	1.512
Minimum		22.0	7.4	5.0	0.6	9.1	163.2	0.1	0.3
Maximum		37.0	8.4	9.9	2.8	17.4	266.0	0.3	2.1
Average		29.8	8.0	7.3	1.6	12.9	196.2	0.2	1.2

Sambalpur FFD/S at shankarmath

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	17	7.8	6.3	1.6	14.8	177.6	0.205	0.44
April		36	8.23	7.7	1.4	12	168	0.016	1.01
July		35	7.7	6.4	1.2	18	162	0.125	0.28
August		30	8.3	5	2.7	24	182	0.808	1.12
October		30	8.3	6.4	1.5	13	239	0.263	1.23
Minimum		17.0	7.7	5.0	1.2	12.0	162.0	0.0	0.3
Maximum		36.0	8.3	7.7	2.7	24.0	239.0	0.8	1.2
Average		29.6	8.1	6.4	1.7	16.4	185.7	0.3	0.8

Power Channel U/S

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	18	7.9	8.0	1.2	6.1	140.1	0.226	0.77
April		34	8.08	7.8	0.2	2.8	159	0.129	1.40
July		36	7.7	5.1	1.2	16	149	0.114	0.22
October		34	8.2	6.8	1.2	9.7	209	0.513	1.68
Minimum		18.0	7.7	5.1	0.2	2.8	140.1	0.1	0.2
Maximum		36.0	8.2	8.0	1.2	16.0	209.0	0.5	1.7
Average		30.5	8.0	6.9	1.0	8.7	164.3	0.2	1.0

Power Channel D/S

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	18	7.9	8.8	1.8	9.75	169.4	0.549	0.66
April		34	7.21	6.4	0.6	8	160	0.019	2.18
July		36	7.7	5.2	1.8	18	190	0.467	0.39
October		33	8.2	6.5	1.2	9.7	208	0.839	1.51
Minimum		18.0	7.2	5.2	0.6	8.0	160.0	0.0	0.4

Maximum	36.0	8.2	8.8	1.8	18.0	208.0	0.8	2.2
Average	30.3	7.8	6.7	1.4	11.4	181.9	0.5	1.2

Sonepur U/S

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	27	7.3	8.9	0.2	4.75	203.9	0.138	0.44
April		38	7.65	8.3	0.8	8	183	0.074	1.40
July		35	8.0	6.3	1.2	16	192	0.532	0.34
October		30	8.4	5.9	1.4	11.4	277	0.519	0.62
Minimum		27.0	7.3	5.9	0.2	4.8	183.0	0.1	0.3
Maximum		38.0	8.4	8.9	1.4	16.0	277.0	0.5	1.4
Average		32.5	7.8	7.4	0.9	10.0	214.0	0.3	0.7

Sonepur D/S

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	27	7.5	8.3	1.6	11.4	202.7	0.102	0.99
April		38	8.21	7.7	1.2	12	211	0.111	0.67
July		35	8.2	5.6	1.8	18	216	0.301	0.34
October		31	8.5	5.8	1.9	14.6	280	0.797	1.57
Minimum		27.0	7.5	5.6	1.2	11.4	202.7	0.1	0.3
Maximum		38.0	8.5	8.3	1.9	18.0	280.0	0.8	1.6
Average		32.8	8.1	6.9	1.6	14.0	227.4	0.3	0.9

Tikrapada

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	17	7.7	8.7	1.2	10.4	192.4	0.09	0.33
April		31	8.27	8.6	0.8	8.1	187	0.057	1.96
July		34	8.0	6.6	0.9	10	186	1.086	0.34
October		34	8.4	6.2	1.2	10.2	358	0.612	1.57
Minimum		17.0	7.7	6.2	0.8	8.1	186.0	0.1	0.3
Maximum		34.0	8.4	8.7	1.2	10.4	358.0	1.1	2.0
Average		29.0	8.1	7.5	1.0	9.7	230.9	0.5	1.0

Narasinghpur

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	20	8.3	7.4	1.4	8.1	159.3	0.105	0.77
April		35	7.13	8.7	0.6	18	197	0.052	0.56
July		25	8.0	6.4	1	18	172	0.366	0.62
October		23	7.71	7.9	1.1	16.2	245	0.389	1.06
Minimum		20.0	7.1	6.4	0.6	8.1	159.3	0.1	0.6
Maximum		35.0	8.3	8.7	1.4	18.0	245.0	0.4	1.1
Average		25.8	7.8	7.6	1.0	15.1	193.3	0.2	0.8

Mundali

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	22	7.9	8.7	1.3	6.1	190.2	0.109	0.33
February		25	7.75	8.7	1.8	5.37	197.9	0.3	0.46
March		35	8.3	8.6	0.8	10.9	179.8	0.221	0.174
April		34	8.21	8.1	1.2	12	178	0.037	2.80
May		33	8.5	8.3	0.6	7.3	163	0.266	1.288
June		34	8.3	8.2	0.4	7.6	162	0.197	0.728
July		35	7.6	6.3	1.8	20	163	0.452	4.48
August		22	8.1	6.5	1	10	202	0.238	1.4
September		30	7.95	7.2	1.4	10.5	231	0.2	3.36
October		28	8.3	6.4	1.1	15.7	287	0.769	1.18
November		27	7.7	8.5	1.4	12.6	302	0.144	0.672
December		22	7.9	8.7	0.7	9.4	151	0.252	1.4
Minimum		22.0	7.6	6.3	0.4	5.4	151.0	0.0	0.2
Maximum		35.0	8.5	8.7	1.8	20.0	302.0	0.8	4.5
Average		28.9	8.0	7.9	1.1	10.6	200.6	0.3	1.5

Cuttack U/S

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January		22	7.5	9.0	1.8	11.4	167.8	0.106	0.88
February		27	8.36	8.5	1.2	5.37	159.9	0.501	1.04
March		36	8.0	8.8	0.6	8.8	181.2	1.062	0.174
April		35	7.13	7.3	1.4	16	204	1.219	4.20
May		36	8.3	8.0	0.8	12.3	150	0.261	1.4

June	2010	35	8.3	8.3	1.0	7	336	0.439	4.2
July		34	7.3	6	1.2	12	167	0.234	5.04
August		23	8.3	6.7	0.8	10	202	0.187	0.84
September		29	7.66	7.8	1.1	8.8	226	0.283	4.5
October		29	7.49	7.3	1.7	12.7	268	0.356	1.06
November		28	8.1	8.9	1.4	17.3	223	0.002	1.5
December		24	7.7	9	0.95	8.6	144	0.022	1.6
Minimum		22.0	7.1	6.0	0.6	5.4	144.0	0.0	0.2
Maximum		36.0	8.4	9.0	1.8	17.3	336.0	1.2	5.0
Average		29.8	7.8	8.0	1.2	10.9	202.4	0.4	2.2

Cuttack D/S

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	24	7.9	6.0	2.2	14.6	174.4	0.206	0.22
February		26	8.33	8	2.6	13.4	186.3	0.614	1.04
March		36	7.4	8.6	2.3	11.2	187.2	0.105	0.232
April		36	8.39	6.9	2.4	20	185	0.066	1.96
May		34	8.2	7.2	2	22	92	0.252	1.456
June		37	7.6	7.6	2.2	18.1	177	0.261	1.96
July		34	8.3	6	1.8	20	221	0.775	1.68
August		27	8.3	6.2	2.2	22	195	1.771	1.4
September		24	7.42	7.2	1.5	10.5	234	0.328	3.36
October		27	7.6	6.6	2.2	18.5	269	0.461	2.13
November		29	8	8.9	2.6	16	223	0.044	1.176
December		25	8.2	9.3	1.8	14.7	152	0.054	1.176
Minimum		24.0	7.4	6.0	1.5	10.5	92.0	0.0	0.2
Maximum		37.0	8.4	9.3	2.6	22.0	269.0	1.8	3.4
Average		29.9	8.0	7.4	2.2	16.8	191.3	0.4	1.5

Cuttack FD/S

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	23	7.7	6.8	1	7.6	194.9	0.036	0.33
April		37	8.08	7.1	2.2	18	192	0.062	1.40
July		33	7.6	5.1	1.4	16	164	0.65	2.52
August		27	8.2	6.7	1.8	4.8	182	0.187	0.84
October		27	7.7	7	1.8	16.5	201	0.096	1.57
Minimum		23.0	7.6	5.1	1.0	4.8	164.0	0.0	0.3
Maximum		37.0	8.2	7.1	2.2	18.0	201.0	0.7	2.5

Average	29.4	7.9	6.5	1.6	12.6	186.8	0.2	1.3
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Kathajodi D/S

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	25	7.5	7.7	2.7	12.2	192.8	0.062	0.22
February		24	8.17	7.8	3.2	14.4	213.7	0.726	1.51
March		36	7.3	5.9	5.5	22.7	628.4	6.312	0.58
April		35	8.17	6.2	3.4	24	171	0.538	0.84
May		32	8.0	7.1	3.4	25	101	1.866	1.792
June		36	7.5	6.9	4.4	22.6	255	2.274	2.072
July		29	8.1	5.6	2	22	235	0.085	1.12
August		24	8.2	6	3.4	26	327	1.313	1.4
September		26	6.82	6.6	3.4	24	287	0.748	3.36
October		28	7.3	5.9	3	26.2	333	0.768	1.46
November		27	7.5	7.7	3.4	20.9	344	0.192	1.568
December		25	7.9	8.5	3.8	28.3	160	0.314	1.12
Minimum		24.0	6.8	5.6	2.0	12.2	101.0	0.1	0.2
Maximum		36.0	8.2	8.5	5.5	28.3	628.4	6.3	3.4
Average		28.9	7.7	6.8	3.5	22.4	270.7	1.3	1.4

Kuakhai U/S

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	27	7.6	8.0	1.7	9.1	191.8	0.387	2.42
February		26	7.64	7.8	2	11	155.9	1.165	0.58
March		34	7.9	7.4	2.6	10.3	191.8	0.183	0.464
April		30	8.26	6.2	2.4	20	178	0.113	0.50
May		36	7.8	7.2	2.4	20	268	0.979	1.904
June		35	7.1	7.2	1.4	12.8	167	0.218	1.792
July		31	6.8	8.9	2	20	196	0.226	1.40
August		35	7.9	7.5	1.8	22	153	0.122	0.84
September		28	7.38	6.3	1.7	12.9	211	0.216	1.96
October		28	8.3	6.6	1.8	12.5	215	0.603	1.68
November		30	7.4	6.2	2.7	8.2	186	0.034	1.456
December		23	7.7	7.7	2.8	16.3	198	1.345	1.792
Minimum		23.0	6.8	6.2	1.4	8.2	153.0	0.0	0.5
Maximum		36.0	8.3	8.9	2.8	22.0	268.0	1.3	2.4
Average		30.3	7.6	7.3	2.1	14.6	192.6	0.5	1.4

Kuakhai D/S

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., μS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	28	7.7	6.9	4.2	23.7	276.5	3.473	0.44
February		27	7.33	6.3	3.8	16.5	285.7	2.811	0.35
March		32	7.6	6.3	3.7	14.3	249.1	2.467	0.87
April		36	8.43	6	5	32	227	2.029	0.11
May		34	7.8	7.0	3.6	26	257	1.953	2.576
June		35	7.4	6.0	3.8	22.4	268	2.167	1.008
July		32	7.9	9.3	2.8	22	228	1.029	1.96
August		33	7.2	5.7	4	28	156	0.291	1.68
September		28	7.09	5.2	2.4	24.8	170	0.653	2.8
October		29	8.2	4.6	2.8	18.7	276	1.356	1.66
November		31	7.5	5.1	3.2	18	194	0.903	1.232
December		22	7.7	5.7	3.6	20.6	322	4.281	1.904
Minimum		22.0	7.1	4.6	2.4	14.3	156.0	0.3	0.1
Maximum		36.0	8.4	9.3	5.0	32.0	322.0	4.3	2.8
Average		30.6	7.6	6.2	3.6	22.3	242.4	2.0	1.4

Choudwar at Birupa D/S

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., μS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	26	7.9	8.0	1.2	6.1	189.5	0.573	0.55
April		36	8.43	8.5	1.4	12.8	176	0.036	1.12
July		29	8.1	7	2.3	14	192	0.529	0.39
October		26	8.2	6.4	1.4	13	380	1.766	1.46
Minimum		26.0	7.9	6.4	1.2	6.1	176.0	0.0	0.4
Maximum		36.0	8.4	8.5	2.3	14.0	380.0	1.8	1.5
Average		29.3	8.1	7.5	1.6	11.5	234.4	0.7	0.9

Paradeep U/S

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., μS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January		25	8.0	7.0	1.6	12.2	18080	0.148	0.44
April		33	7.32	7.3	1.8	12.8	6040	0.204	0.90

July	2010	27	8.1	6.9	1.6	20	3134	0.678	0.28
August		27	8.2	6.1	1.2	10	290	0.761	1.4
October		26	8.1	6.9	2	13	287	0.503	1.62
November		27	7.9	8.4	2.7	11	342	0.319	1.568
Minimum		25.0	7.3	6.1	1.2	10.0	287.0	0.1	0.3
Maximum		33.0	8.2	8.4	2.0	20.0	18080.0	0.8	1.6
Average		27.5	7.9	7.1	1.6	13.2	4695.5	0.4	1.0

Paradeep D/S

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	25	8.1	7.3	2.2	24.3	41380	0.504	0.66
April		34	8.2	7	2.2	20	42350	0.536	2.13
May		34	8.0	6.0	1.2	36.8	28180	0.168	1.456
July		28	7.9	6.8	2.8	22	11390	0.292	0.34
August		26	8.2	2	1.4	14	1213	0.04	1.96
November		27	7.9	7.15	2.1	25.2	16860	0.359	1.848
October		27	7.6	7.1	1.4	9.7	1184	0.419	0.84
Minimum		25.0	7.6	2.0	1.2	9.7	1184.0	0.0	0.3
Maximum		34.0	8.2	7.3	2.8	36.8	42350.0	0.5	2.1
Average		28.7	8.0	6.2	1.9	21.7	20365.3	0.3	1.3

Tel

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	27	8.1	8.3	0.8	8.1	196	0.07	0.33
April		38	7.8	8.3	0.4	4	169	0.091	1.01
July		35	7.9	7.2	1	10	181	0.142	0.39
October		31	8.5	5.2	1.8	11.1	185	1.387	1.23
Minimum		27.0	7.8	5.2	0.4	4.0	169.0	0.1	0.3
Maximum		38.0	8.5	8.3	1.8	11.1	196.0	1.4	1.2
Average		32.8	8.1	7.3	1.0	8.3	182.8	0.4	0.7

Kathajodi U/S

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January		23	8.1	8.2	1.9	7.6	146.6	0.12	0.44

February	2010	27	8.05	8.1	1.6	16.1	159.5	0.629	0.58
March									
April		34	8.09	7.3	1.6	16	168	0.072	1.12
May		33	8.1	8.0	0.8	8	173	0.225	2.016
June		35	7.6	8.2	1.4	12.6	174	0.008	0.84
July		35	7.6	6.1	1.8	16	146	0.124	4.20
August		23	8.2	6.8	1	12	211	ND	0.84
September		29	7.92	8.4	2	8.8	232	0.357	3.36
October		29	7.5	7.3	1.1	11.5	262	0.325	0.95
November		28	8.4	8.5	2	14.2	218	0.344	0.728
December		22	8	9.7	1.6	12.6	153	0.059	1.456
Minimum			22.0	7.5	6.1	0.8	7.6	146.0	0.0
Maximum		35.0	8.4	9.7	2.0	16.1	262.0	0.6	4.2
Average		28.9	8.0	7.9	1.5	12.3	185.7	0.2	1.5

Kathajodi FD/S (Mattagajpur)

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	26	7.3	6.9	12.9	48.8	202.6	0.688	7.81
April		36	7.93	6.3	6.3	40	630	0.049	1.12
July		33	7.7	10.2	14	40	280	0.109	1.12
October		26	8	9.4	4.9	29.2	617	3.319	1.51
Minimum		26.0	7.3	6.3	4.9	29.2	202.6	0.0	1.1
Maximum		36.0	8.0	10.2	14.0	48.8	630.0	3.3	7.8
Average		30.3	7.7	8.2	9.5	39.5	432.4	1.0	2.9

Sankhatarasa

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	25	7.7	8.3	1.4	7.6	193.4	0.059	0.55
April		35	8.19	7.3	2.6	18	177	0.133	1.12
July		28	8.1	5.4	1.7	8	159	0.012	1.68
October		25	7.6	6.6	2.4	9.7	243	0.301	1.01
Minimum		25.0	7.6	5.4	1.4	7.6	159.0	0.0	0.6
Maximum		35.0	8.2	8.3	2.6	18.0	243.0	0.3	1.7
Average		28.3	7.9	6.9	2.0	10.8	193.1	0.1	1.1

Kuakhai FU/S

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., μS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	27	8.0	8.5	0.6	6.1	174.8	0.434	0.44
February		26	7.22	8.1	1.1	5.5	192.7	0.136	0.81
March		34	8.6	8.3	1.4	6.6	185.3	0.054	0.696
April		30	7.93	7	1.2	12	179	0.365	0.39
May		35	8.5	7.9	1.2	12	191	0.49	2.184
June		35	8.1	8.2	1.0	9.6	176	0.067	0.728
July		31	8.1	7.7	1	8	178	0.266	0.84
August		34	7.8	8.2	1.2	17	151	0.211	2.52
September		28	8.09	7.7	0.7	8.9	196	0.293	3.92
October		28	8.3	7.3	1	8.5	220	0.141	1.68
November		30	8.3	8.8	2.2	11.5	170	0.074	2.128
December		23	8.1	11.1	1.4	9.45	192	1.063	1.344
Minimum		23.0	7.2	7.0	0.6	5.5	151.0	0.1	0.4
Maximum		35.0	8.6	11.1	2.2	17.0	220.0	1.1	3.9
Average		30.1	8.1	8.2	1.2	9.6	183.8	0.3	1.5

Kuakhai FD/S

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., μS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	28	7.4	7.2	3.1	18.7	259.1	1.282	1.10
February		27	7.26	7.5	3.7	16.5	257.8	1.495	0.58
March		32	8.1	7.6	1.9	12.9	273.4	4.772	0.696
April		37	7.28	6.8	3.4	24	215	0.818	0.22
May		35	7.7	7.1	2.4	22	178	1.636	2.688
June		36	7.2	6.2	2.0	19.2	260	3.887	1.68
July		32	8.0	5.5	1.4	12	214	1.036	1.40
August		34	7.4	6.2	2.7	22	148	0.012	1.4
September		28	6.95	5.4	1.8	16.7	165	0.039	1.68
October		29	7.5	5.5	2.69	18.7	302	1.17	1.12
November		31	7.1	5.1	3	18	191	0.323	1.4
December		23	7	5.6	2.3	18.2	325	3.464	1.792
Minimum		23.0	7.0	5.1	1.4	12.0	148.0	0.0	0.2
Maximum		37.0	8.1	7.6	3.7	24.0	325.0	4.8	2.7
Average		31.0	7.4	6.3	2.5	18.2	232.4	1.7	1.3

Gangua

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010	28	7.6	3.2	12.5	52.9	315.7	2.531	0.66
February		26	7.47	2.9	14.7	60.3	357.6	7.032	0.35
March		33	7.5	4.4	8.1	31.6	384.5	8.589	0.754
April		37	8.38	3.9	19.7	120.4	270	4.376	0.168
May		34	7.5	2.1	20	90	347	2.86	2.128
June		35	7.5	4.3	17.0	84.9	302	2.793	2.8
July		31	7.6	6.3	8	36	240	0.602	1.4
August		33	7.1	4.6	6.7	51	204	0.19	1.96
September		28	7.61	5.7	5.1	29.6	176	0.534	1.12
October		29	6.84	4.2	5.8	28.5	308	1.766	1.68
November		29	7.7	5.3	7.3	38	200	0.828	1.232
December		22	7.3	3.9	7.1	28.2	344	4.675	1.792
Minimum		22.0	6.8	2.1	5.1	28.2	176.0	0.2	0.2
Maximum		37.0	8.4	6.3	20.0	120.4	384.5	8.6	2.8
Average		30.4	7.5	4.2	11.0	54.3	287.4	3.1	1.3

Mahanadi U/s near IFFCO

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l	NH ₄ -N, mg/l
January	2010								
February									
March									
April		36	8.1	6.6	0.4	11	27640	0.079	1.176
May									
June									
July									
August		27	8.1	6.7	1.8	18	282	0.839	1.68
September									
October									
November									
December									
Minimum		27.0	8.1	6.6	0.4	11.0	282.0	0.1	1.2
Maximum		36.0	8.1	6.7	1.8	18.0	27640.0	0.8	1.7

Average	31.5	8.1	6.7	1.1	14.5	13961.0	0.5	1.4
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TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
1500	700	--	--	--	0.024	66	0	54	30	24
940	460									
1400	940									
840	310	--	--	--	0.02	96	ND	54	40	14
700	330									
1100	700									
1200	580				0.006	52	0	44	28	16
3500	1700									
2800	1700									
2200	1100				0.003	66	0	68	42	26
940	700									
1100	700									
700	310	0.0	0	0	0.00	52.00	0	44	--	16.0
3500	1700	0	0	0	0.02	96.00	0	68	--	16
1518	827	#####	####	#####	0.01	70.00	0	55	--	16.0

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
2400	1300	--	--	--	0.021	68	0	54	38	16
2200	1400									
1700	1100									
2800	1700	--	--	--	0.004	88	ND	68	44	24
2100	1400									
2400	1300									
2200	1400				0.005	52	0	42	36	6
3500	2200									
5400	2400									
2800	1700	5.8	0.52	C	0.002	48	0	52	36	16
2200	1300									
2400	1300									
1700.0	1100.0	5.8	0.5	0.0	0.0	48.0	0.0	52.0	36.0	6.0
5400.0	2400.0	5.8	0.5	0.0	0.0	88.0	0.0	68.0	44.0	6.0
2675.0	1541.7	5.8	0.5	#####	0.0	64.0	0.0	58.0	38.5	6.0

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
1300	790	--	--	--	0.006	72	0	54	36	18
1100	700									
1500	940									
1200	700	--	--	--	0.002	84	ND	64	40	24
1700	1100									
1700	1100									
1700	1100				0.006	52	0	44	24	20
2200	1300									
3500	1400									
1200	700				0.002	64	0	64	40	24
1500	940									
1300	790									
1100.0	700.0	0.0	0.0	0.0	0.0	52.0	0.0	54.0	24.0	20.0
3500.0	1400.0	0.0	0.0	0.0	0.0	84.0	0.0	64.0	40.0	20.0
1658.3	963.3	#####	#####	#####	0.0	68.0	0.0	60.7	35.0	20.0

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
1700	940	--	--	--	0.020	74	0	54	40	14
1700	1100									
1700	1100									
2200	1100	5.2	0.7	C	0.005	100	ND	64	44	20
2400	1300									
3500	1300									
3500	1700				0.008	56	0	44	18	16
9200	2800									
7900	4900									
1500	1200	5	0.3	C	0.006	48	0	52	48	4
1700	1100									
1700	1100									
1500.0	940.0	5.0	0.3	0.0	0.0	48.0	0.0	52.0	18.0	16.0
9200.0	4900.0	5.2	0.7	0.0	0.0	100.0	0.0	64.0	48.0	16.0
3225.0	1636.7	5.1	0.5	#####	0.0	69.5	0.0	56.7	37.5	16.0

4300	2200	6	0.42	C	0.004	80	0	94	58	36
5400	3500									
2300	1300									
1300.0	430.0	6.0	0.4	0.0	0.0	68.0	0.0	66.0	40.0	26.0
28000.0	17000.0	6.0	0.4	0.0	0.0	116.0	0.0	96.0	68.0	36.0
5183.3	2770.8	6.0	0.4	#####	0.0	92.0	0.0	84.4	54.0	30.4

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
35000	13000	--	--	--	0.013	66	0	58	40	18
1100	490	5.6	0.43	C	0.002	90	6	80	48	32
1500	2100				0	74	0	98	58	40
3500	1700									
2800	1300	6	0.53	C	0.010	84	4	84	50	34
1100.0	490.0	5.6	0.4	0.0	0.0	66.0	0.0	58.0	40.0	18.0
35000.0	13000.0	6.0	0.5	0.0	0.0	90.0	6.0	84.0	58.0	40.0
8780.0	3718.0	5.8	0.5	#####	0.0	78.5	2.5	74.0	49.0	31.0

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
330	230	--	--	--	0.028	64	0	58	48	10
140	70	--	--	--	0.003	88	12	72	48	24
250	110				0.008	78	0	68	54	14
470	110				0.004	60	0	108	52	56
140.0	70.0	0.0	0.0	0.0	0.0	60.0	0.0	58.0	48.0	10.0
470.0	230.0	0.0	0.0	0.0	0.0	88.0	12.0	108.0	54.0	56.0
297.5	130.0	#####	#####	#####	0.0	72.5	3.0	76.5	50.5	26.0

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
790	220	--	--	--	0.016	68	0	58	49	14
460	110	--	--	--	0.004	76	ND	64	60	4
460	210				0	70	0	66	50	16
840	230				0.003	52	0	64	54	10
460.0	110.0	0.0	0.0	0.0	0.0	52.0	0.0	58.0	49.0	4.0

840.0	230.0	0.0	0.0	0.0	0.0	76.0	0.0	66.0	60.0	16.0
637.5	192.5	#####	####	#####	0.0	66.5	0.0	63.0	53.3	11.0

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
1300	790	--	--	--	0.018	60	0	74	54	20
1200	700	--	--	--	0.004	84	ND	74	48	26
1700	1100				0	84	0	84	52	32
1100	700				0.004	106	6	92	52	40
1100.0	700.0	0.0	0.0	0.0	0.0	60.0	0.0	74.0	48.0	20.0
1700.0	1100.0	0.0	0.0	0.0	0.0	106.0	6.0	92.0	54.0	40.0
1325.0	822.5	#####	####	#####	0.0	83.5	2.0	81.0	51.5	29.5

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
2400	790	--	--	--	0.013	64	0	76	56	20
2800	1400	--	--	--	0.007	104	12	88	60	28
3500	1700				0	104	0	94	60	34
1500	940				0.004	104	6	100	42	58
1500.0	790.0	0.0	0.0	0.0	0.0	64.0	0.0	76.0	42.0	20.0
3500.0	1700.0	0.0	0.0	0.0	0.0	104.0	12.0	100.0	60.0	58.0
2550.0	1207.5	#####	####	#####	0.0	94.0	4.5	89.5	54.5	35.0

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
2400	1300	--	--	--	0.018	66	0	80	56	24
1500	940	--	--	--	0.001	92	12	76	62	14
2200	1100				0	72	0	66	46	20
3500	1700				0.01	76	0	94	56	38
1500.0	940.0	0.0	0.0	0.0	0.0	66.0	0.0	66.0	46.0	14.0
3500.0	1700.0	0.0	0.0	0.0	0.0	92.0	12.0	94.0	62.0	38.0
2400.0	1260.0	#####	####	#####	0.0	76.5	3.0	79.0	55.0	24.0

790	490									
1700	1100				0.012	72	0	72	46	26
1700	940									
1400	700									
580	130	6.8	0.57	B	0.007	76	4	82	68	14
1300	790									
940	460									
470.0	130.0	6.4	0.5	0.0	0.0	42.0	0.0	72.0	46.0	14.0
1700.0	1100.0	6.8	0.8	0.0	0.0	82.0	4.0	82.0	68.0	26.0
1083.3	559.2	6.6	0.6	#####	0.0	68.0	1.3	75.5	54.5	21.0

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
8400	3100	4	0.42	C	0.014	82	0	80	54	26
7000	3100									
12000	7000									
5800	3100	5.8	0.53	C	0.002	86	10	78	58	20
11000	7900									
16000	5400									
9200	5400				0.012	80	0	76	56	20
2200	940									
28000	22000									
54000	24000	5.8	0.7	C	0.012	72	0	76	64	12
17000	7900									
35000	17000									
2200.0	940.0	4.0	0.4	0.0	0.0	72.0	0.0	76.0	54.0	12.0
54000.0	24000.0	5.8	0.7	0.0	0.0	86.0	10.0	80.0	64.0	26.0
17133.3	8903.3	5.2	0.6	#####	0.0	80.0	2.5	77.5	58.0	19.5

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
2800	1700	--	--	--	0.043	74	0	72	48	24
1200	700	--	--	--	0.002	96	6	76	60	16
3500	2400				0.018	72	0	56	32	24
5400	3500									
16000	3500	5.6	0.57	C	0.014	104	4	84	50	34
1200.0	700.0	5.6	0.6	0.0	0.0	72.0	0.0	56.0	32.0	16.0
16000.0	3500.0	5.6	0.6	0.0	0.0	104.0	6.0	84.0	60.0	34.0

5780.0	2360.0	5.6	0.6	#####	0.0	86.5	2.5	72.0	47.5	24.5
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TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
160000	92000	5.7	0.31	C	0.008	90	0	80	54	26
54000	24000									
54000	22000									
92000	35000	5.6	0.5	C	0.09	74	8	70	42	28
160000	92000									
54000	35000									
160000	54000				0.011	84	0	92	66	26
92000	54000									
160000	160000									
92000	54000	5.2	0.52	C	0.007	34	0	88	76	12
160000	92000									
92000	54000									
54000.0	22000.0	5.2	0.3	0.0	0.0	34.0	0.0	70.0	42.0	12.0
160000.0	160000.0	5.7	0.5	0.0	0.1	90.0	8.0	92.0	76.0	28.0
110833.3	64000.0	5.5	0.4	#####	0.0	70.5	2.0	82.5	59.5	23.0

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
2400	1300	--	--	--	0.017	84	0	70	48	22
3500	1300									
2800	2200									
2800	1100	5.66	0.42	C	0.001	78	10	34	58	16
2200	1300									
1700	790									
2800	1700				0.084	68	0	64	54	10
2200	1700									
4300	2800									
5400	2200	5.8	0.4	C	0.006	62	0	62	42	20
2800	2200									
320	170									
320.0	170.0	5.7	0.4	0.0	0.0	62.0	0.0	34.0	42.0	10.0
5400.0	2800.0	5.8	0.4	0.0	0.1	84.0	10.0	70.0	58.0	22.0
2768.3	1563.3	5.7	0.4	#####	0.0	73.0	2.5	57.5	50.5	17.0

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
1200	6300	6.5	0.65	B	0.002	72	0	76	60	16
6300	3300									
4300	2200									
9400	4600	5.66	0.44	C	0.002	90	10	74	54	30
15000	9400									
8400	4300									
3500	2200				0.036	70	0	84	44	40
7000	4600									
11000	7000									
17000	7900	4.8	0.37	C	0.007	58	0	72	48	24
35000	24000									
17000	11000									
1200.0	2200.0	4.8	0.4	0.0	0.0	58.0	0.0	72.0	44.0	16.0
35000.0	24000.0	6.5	0.7	0.0	0.0	90.0	10.0	84.0	60.0	40.0
11258.3	7233.3	5.7	0.5	#####	0.0	72.5	2.5	76.5	51.5	27.5

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
1500	940	5.3	0.31	C	0.007	82	0	76	64	12
1100	700	5.5	0.43	C	0.001	104	4	74	52	22
3500	1700				0.013	88	0	78	52	26
2400	1300	5.3	0.35	C	0.023	68	0	80	48	32
1100.0	700.0	5.3	0.3	0.0	0.0	68.0	0.0	74.0	48.0	12.0
3500.0	1700.0	5.5	0.4	0.0	0.0	104.0	4.0	80.0	64.0	32.0
2125.0	1160.0	5.4	0.4	#####	0.0	85.5	1.0	77.0	54.0	23.0

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
1700	1100	--	--	--	0.094	94	0	2500	550	1950
2100	2200	--	--	--	0.02	86	ND	1300	500	800

1400	790				0	76	0	500	200	300
2200	1700									
2200	1300				0.003	76	0	100	68	32
2100	1200									
1400.0	790.0	0.0	0.0	0.0	0.0	76.0	0.0	100.0	68.0	32.0
2200.0	2200.0	0.0	0.0	0.0	0.1	94.0	0.0	2500.0	550.0	1950.0
1950.0	1381.7	#####	####	#####	0.0	83.0	0.0	1100.0	329.5	770.5

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
3900	2200	--	--	--	0.237	108	0	4800	800	4000
1700	1100	--	--	--	0.101	128	22	5200	1100	4100
120	70									
940	210				0	90	0	1400	300	1100
700	330									
130	45									
470	110				0.004	82	4	500	74	426
120.0	45.0	0.0	0.0	0.0	0.0	82.0	0.0	500.0	74.0	426.0
3900.0	2200.0	0.0	0.0	0.0	0.2	128.0	22.0	5200.0	1100.0	4100.0
1137.1	580.7	#####	####	#####	0.1	102.0	6.5	2975.0	568.5	2406.5

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
1500	940	--	--	--	0.014	80	0	78	62	16
630	230	--	--	--	0.015	84	ND	86	44	42
1500	940				0.004	74	0	64	48	16
1700	790				0.006	62	0	88	38	50
630.0	230.0	0.0	0.0	0.0	0.0	62.0	0.0	64.0	38.0	16.0
1700.0	940.0	0.0	0.0	0.0	0.0	84.0	0.0	88.0	62.0	50.0
1332.5	725.0	#####	####	#####	0.0	75.0	0.0	79.0	48.0	31.0

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
1500	940	6.2	0.51	B	0.009	80	0	76	56	20

630	230									
1400	460	--	--	--	0.002	82	8	68	58	10
1200	580									
790	330									
1700	1400				0.014	60	0	76	50	26
2400	1300									
1500	940									
160000	160000				0.007	76	0	80	36	44
1500	940									
1400	790									
630.0	230.0	6.2	0.5	0.0	0.0	60.0	0.0	68.0	36.0	10.0
160000.0	160000.0	6.2	0.5	0.0	0.0	82.0	8.0	80.0	58.0	44.0
15820.0	15264.5	6.2	0.5	#####	0.0	74.5	2.0	75.0	50.0	25.0

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
54000	35000	--	--	--	1.378	218	0	156	110	46
35000	22000	--	--	--	0.03	182	ND	160	100	60
92000	54000				0.023	92	0	96	70	26
92000	35000				0.004	100	0	80	58	22
35000.0	22000.0	0.0	0.0	0.0	0.0	92.0	0.0	80.0	58.0	22.0
92000.0	54000.0	0.0	0.0	0.0	1.4	218.0	0.0	160.0	110.0	60.0
68250.0	36500.0	#####	#####	#####	0.4	148.0	0.0	123.0	84.5	38.5

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
4300	2100	--	--	--	0.011	94	0	80	56	24
3500	1700	--	--	--	0.002	76	6	68	44	28
2800	1400				0.004	80	0	62	46	16
5400	1700	6	0.37	C	0.007	84	0	92	74	18
2800.0	1400.0	6.0	0.4	0.0	0.0	76.0	0.0	62.0	44.0	16.0
5400.0	2100.0	6.0	0.4	0.0	0.0	94.0	6.0	92.0	74.0	28.0
4000.0	1725.0	6.0	0.4	#####	0.0	83.5	1.5	75.5	55.0	21.5

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
580	170	--	--	--	0.03	86	0	74	52	22
630	230									
310	130									
840	230	--	--	--	0.001	70	ND	64	56	8
410	210									
630	230									
700	460				0.007	94	0	80	56	24
1400	700									
1100	790									
840	230	6.8	0.52	B	0.004	64	4	76	48	28
940	230									
130	78									
130.0	78.0	6.8	0.5	0.0	0.0	64.0	0.0	64.0	48.0	8.0
1400.0	790.0	6.8	0.5	0.0	0.0	94.0	4.0	80.0	56.0	28.0
709.2	307.3	6.8	0.5	#####	0.0	78.5	1.3	73.5	53.0	20.5

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
5800	3100	--	--	--	0.016	72	0	76	52	24
2200	1100									
1700	1200									
5400	2200	--	--	--	0.001	80	ND	120	58	12
5400	1700									
2800	1700									
3500	2400				0.014	84	0	76	58	18
4900	3300									
9200	3500									
2400	1300				0.003	54	0	76	46	30
9200	2200									
16000	3500									
1700.0	1100.0	0.0	0.0	0.0	0.0	54.0	0.0	76.0	46.0	12.0
16000.0	3500.0	0.0	0.0	0.0	0.0	84.0	0.0	120.0	58.0	30.0
5708.3	2266.7	#####	#####	#####	0.0	72.5	0.0	87.0	53.5	21.0

6350.0	3900.0	#####	####	#####	#DIV/0!	#####	#####	#DIV/0!	#DIV/0!	#DIV/0!
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Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
8.9	1.343	0.008	0.171	6.72	3	72.2	58	3	6	0.84
			0.258							
			0.267							
18	2.984	0.062	0.312	5.60	2	96	84	4	12.6	2.1
			--							
12	15.06	0.073	0.136	19.88	42	82	104	34.8	7.9	2.1
				--						
				--						
11.6	2.98	0.049	0.155	3.92	22	107	110	25.5	7.7	1.3
8.9	1.343	0.008	0.14	3.92	2	72.2	58.00	34.8	6	0.84
18	15.06	0.062	0.31	19.88	42	107	#####	34.8	12.6	2.1
12.6	5.6	0	0.22	9.03	17	89	#####	34.8	8.6	1

Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
8.9	2.984	0.046	0.25	15.12	2	79.45	56	14	6.6	0.52
			0.236							
			0.397							
22	5.073	0.119	0.317	2.24	3	109	72	5	14.2	2.6
			--							
10	12.83	0.150	0.142	5.32	72	77	120	41.8	7	2.2
				--						
11.6	3.13	0.061	0.209	17.92	9	111	100	7.4	7.8	1.6
8.9	3.0	0.0	0.1	2.2	2.0	77.0	56.0	41.8	6.6	0.5
22.0	12.8	0.1	0.4	17.9	72.0	111.0	120.0	41.8	14.2	2.6
13.1	6.0	0.1	0.3	10.2	21.5	94.1	87.0	41.8	8.9	1.6

Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
8.9	2.835	0.005	0.183	2.24	11	81.6	62	6	6.55	0.49
			0.268							
			0.268							
18	3.88	0.081	0.307	4.48	6	99	72	10	14.3	2.2
			--							
11	16.56	0.077	0.132	4.76	65	75	124	23.7	7.2	2.2
			--							
			--							
10.6	3.73	0.024	0.257	4.48	18	119	114	5.4	7.1	1.7
8.9	2.8	0.0	0.1	2.2	6.0	75.0	62.0	23.7	6.6	0.5
18.0	16.6	0.1	0.3	4.8	65.0	119.0	124.0	23.7	14.3	2.2
12.1	6.8	0.0	0.2	4.0	25.0	93.7	93.0	23.7	8.8	1.5

Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
9.9	2.238	0.008	0.162	5.6	18	81.9	64	8	6.95	0.48
			0.254							
			0.229							
18	3.88	0.145	0.315	4.48	10	121	98	15	14.1	2
			--							
12	10.44	0.075	0.156	8.12	79	86	44	41.4	7.5	2.4
			--							
			--							
11.6	3.88	0.069	0.209	7.84	24	124	120	35.5	7.4	1.6
9.9	2.2	0.0	0.2	4.5	10.0	81.9	44.0	41.4	7.0	0.5
18.0	10.4	0.1	0.3	8.1	79.0	124.0	120.0	41.4	14.1	2.0
12.9	5.1	0.1	0.2	6.5	32.8	103.2	81.5	41.4	9.0	1.4

Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
23.9	24.32	0.128	0.654	16.8	10	159.5	134	4	12.9	1.94
			1.07							
			0.229							
20	32.52	0.170	1	7.28	12	179	136	22	14.7	5.1
			6.06							
19	8.5	0.052	0.248	13.16	51	109	126	39.5	12.1	2.9
				0.208						
				0.182						
19.2	5.82	0.057	0.316	7.28	10	162	144	32.4	12.2	1.6
19.0	5.8	0.1	0.2	0.2	10.0	109.0	126.0	39.5	12.1	1.6
23.9	32.5	0.2	6.1	16.8	51.0	179.0	144.0	39.5	14.7	5.1
20.5	17.8	0.1	1.4	7.5	20.8	152.4	135.0	39.5	13.0	2.9

Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
6.9	8.057	0.005	0.213	1.7	10	74.18	58	2	4.76	1.06
14.0	6.42	0.124	0.305	5.32	3	98	72	7	8.1	2.4
12	11.33	0.084	0.1	16.24	25	106	112	12.1	8.4	2.9
8.6	7.61	0.141	0.185	9.52	35	125	130	24.6	5.4	2.7
6.9	6.4	0.0	0.1	1.7	3.0	74.2	58.0	2.0	4.8	1.1
14.0	11.3	0.1	0.3	16.2	35.0	125.0	130.0	24.6	8.4	2.9
10.4	8.4	0.1	0.2	8.2	18.3	100.8	93.0	11.4	6.7	2.3

Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
7.9	13.726	0.016	0.323	5.0	6	88.42	58	6	6.05	1.82
			0.296							
			0.263							
10.0	6.27	0.069	0.336	25.76	4	98	82	9	7.4	2.6
			--							

13.5	4.92	0.044	0.257	10.92	18	163	164	20.6	9.6	1.8
8.9	3.9	0.0	0.2	5.6	13.0	86.9	72.0	5.0	6.7	1.4
14.0	9.7	0.1	0.5	10.9	89.0	163.0	164.0	20.6	9.6	3.0
12.4	6.4	0.1	0.3	8.8	33.2	124.6	122.4	15.8	8.6	1.9

Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
8.9	15.069	0.009	0.235	4.5	9	93.4	60	9	5.94	2.86
16.0	6.42	0.074	0.361	12.64	14	98	86	18	12.8	2
15	1.49	0.044	0.3	26.6	116	128	124	1.7	9.4	2.4

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11.5	4.77	0.025	0.319	7.28	13	151	146	9.6	6.6	2.1
8.9	1.5	0.0	0.2	4.5	9.0	93.4	60.0	1.7	5.9	2.0
16.0	15.1	0.1	0.4	26.6	116.0	151.0	146.0	18.0	12.8	2.9
12.9	6.9	0.0	0.3	12.8	38.0	117.6	104.0	9.6	8.7	2.3

Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
6.9	4.028	0.012	0.18	2.2	15	74.14	50	10	4.25	1.11
13.0	5.37	0.089	0.3	4.76	4	104	96	9	8	2.3
13	10.89	0.447	0.2	5.6	73	92	150	59.2	7.9	7.1
11.5	6.27	0.082	0.19	5.32	17	136	136	4.5	6	2.2
6.9	4.0	0.0	0.2	2.2	4.0	74.1	50.0	4.5	4.3	1.1
13.0	10.9	0.4	0.3	5.6	73.0	136.0	150.0	59.2	8.0	7.1
11.1	6.6	0.2	0.2	4.5	27.3	101.5	108.0	20.7	6.5	3.2

Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
12.9	6.565	0.032	0.183	3.4	25	93.97	52	13	7.39	0.94
17.0	5.22	0.033	0.309	10.36	6	95	78	10	12.6	2.2
14.8	17.3	0.071	0.2	7.28	168	118	252	80.5	9.9	3.1
13.5	6.24	0.122	0.2	7.84	46	130	144	16	9.8	2.3
12.9	5.2	0.0	0.2	3.4	6.0	94.0	52.0	10.0	7.4	0.9

17.0	17.3	0.1	0.3	10.4	168.0	130.0	252.0	80.5	12.6	3.1
14.6	8.8	0.1	0.2	7.2	61.3	109.2	131.5	29.9	9.9	2.1

Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
11.9	20.888	0.042	0.308	9.0	2	107.7	80	ND	8.8	2.78
64.0	7.01	0.157	0.376	11.76	2	107	84	9	9.1	2.6
16	8.65	0.096	0.2	7.28	48	108	128	14.5	11.6	3.2
13.5	5.52	0.018	0.286	40.66	15	173	172	22.6	9.1	2.4
11.9	5.5	0.0	0.2	7.3	2.0	107.0	80.0	9.0	8.8	2.4
64.0	20.9	0.2	0.4	40.7	48.0	173.0	172.0	22.6	11.6	3.2
26.4	10.5	0.1	0.3	17.2	16.8	123.9	116.0	15.4	9.7	2.7

Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
12.9	19.396	0.109	0.286	4.5	17	114.2	82	1	9.01	2.38
12.0	12.83	0.050	0.459	21.56	3	144	122	6	8.6	2.5
19	4.923	0.103	0.3	6.44	69	128	160	13.2	13.3	2.9
15.4	7.32	0.030	0.301	5.60	24	178	180	21.7	11.7	2.4
12.0	4.9	0.0	0.3	4.5	3.0	114.2	82.0	1.0	8.6	2.4
19.0	19.4	0.1	0.5	21.6	69.0	178.0	180.0	21.7	13.3	2.9
14.8	11.1	0.1	0.3	9.5	28.3	141.1	136.0	10.5	10.7	2.5

Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
7.9	6.863	0.011	0.234	2.8	7	102	86	1	5.43	1.52
14.0	5.073	0.030	0.418	21.52	3	99	90	4	9.4	1.4
13	13.27	0.142	0.1	7.84	54	100	136	5.5	8.9	3.3
9.6	7.16	0.291	0.256	6.72	265	233	434	114.2	6.9	2
7.9	5.1	0.0	0.1	2.8	3.0	99.0	86.0	1.0	5.4	1.4
14.0	13.3	0.3	0.4	21.5	265.0	233.0	434.0	114.2	9.4	3.3
11.1	8.1	0.1	0.3	9.7	82.3	133.5	186.5	31.2	7.7	2.1

Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
7.9	6.266	0.036	0.224	13.4	10	94.22	74	14	5	1.38
9.0	4.327	ND	0.219	21.84	3	113	96	8	6	0.9
9	21.77	0.658	0.3	1.68	752	92	824	129	5.8	2.6
10.5	5.82	0.210	0.255	35.28	10	156	152	65.1	7.1	1.9
7.9	4.3	0.0	0.2	1.7	3.0	92.0	74.0	8.0	5.0	0.9
10.5	21.8	0.7	0.3	35.3	752.0	156.0	824.0	129.0	7.1	2.6
9.1	9.5	0.3	0.3	18.1	193.8	113.8	286.5	54.0	6.0	1.7

Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
8.9	7.609	0.090	0.246	2.8	15	105.7	82	1	6.93	1.64
			0.317							
			0.397							
14.0	5.37	0.065	0.332	12.60	16	94	80	38	8.6	2.3
			--							
13	23.86	0.062	0.1	1.68	222	99	292	115	8.3	2.9
				--						
16.5	9.85	0.065	0.277	6.16	58	182	164	58.6	10.7	2.2
8.9	5.4	0.1	0.1	1.7	15.0	94.0	80.0	1.0	6.9	1.6
16.5	23.9	0.1	0.4	12.6	222.0	182.0	292.0	115.0	10.7	2.9
13.1	11.7	0.1	0.3	5.8	77.8	120.2	154.5	53.2	8.6	2.3

Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
7.9	8.206	0.033	0.277	20.2	16	96.24	76	11	5.58	1.21
			0.338							
14.0	30.44	0.190	0.335	10.80	5	127	110	7	9.6	2

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13	21.27	0.083	0.1	14.84	222	94	280	112	8.3	2.4
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13.5	6.27	0.040	0.353	5.04	63	169	204	61.2	9.4	2.3
7.9	6.3	0.0	0.1	5.0	5.0	94.0	76.0	7.0	5.6	1.2
14.0	30.4	0.2	0.4	20.2	222.0	169.0	280.0	112.0	9.6	2.4
12.1	16.5	0.1	0.3	12.7	76.5	121.6	167.5	47.8	8.2	2.0

Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
7.9	10.742	0.016	0.193	9.5	29	98.08	80	36	5.77	2.36
			0.308							
16.0	5.97	0.081	0.425	11.48	18	98	72	30	10.3	2.5
				--						
16	35.95	0.08	0.1	13.72	224	140	316	107	12.7	2.4
				--						
14.5	7.6	0.070	0.458	5.04	72	168	208	60.1	10.5	2.3
7.9	6.0	0.0	0.1	5.0	18.0	98.0	72.0	30.0	5.8	2.3
16.0	36.0	0.1	0.5	13.7	224.0	168.0	316.0	107.0	12.7	2.5
13.6	15.1	0.1	0.3	9.9	85.8	126.0	169.0	58.3	9.8	2.4

Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
7.0	7.908	0.020	0.195	26.9	24	101.3	86	5	5.07	1.33
15.0	4.62	0.064	0.41	10.44	14	101	86	24	10.4	2.2
16	23.41	0.158	0.1	7.28	240	93	320	44	10.1	2.7
				--						
14.2	7.16	0.098	0.348	6.72	63	163	206	57	9.3	2.2
7.0	4.6	0.0	0.1	6.7	14.0	93.0	86.0	5.0	5.1	1.3
16.0	23.4	0.2	0.4	26.9	240.0	163.0	320.0	57.0	10.4	2.7

13.1	10.8	0.1	0.3	12.8	85.3	114.6	174.5	32.5	8.7	2.1
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Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
13.0	5.968	0.008	0.2	5.6	46	109.5	82	17	9.52	1.99
			0.197							
18.0	5.67	0.059	0.351	13.48	22	90	72	38	11.8	2.6
			--							
19	36.71	0.103	0.1	7	198	146	296	72	12.4	2.7
				--						
21.3	7.76	0.199	0.286	5.60	109	208	280	58.3	14.5	4.9
13.0	5.7	0.0	0.1	5.6	22.0	90.0	72.0	17.0	9.5	2.0
21.3	36.7	0.2	0.4	13.5	198.0	208.0	296.0	72.0	14.5	4.9
17.8	14.0	0.1	0.2	7.9	93.8	138.4	182.5	46.3	12.1	3.0

Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
21.0	5.67	0.006	0.262	2.8	32	116	102	4	14.45	1.4
			0.314							
14.0	3.88	0.007	0.298	10.92	10	94	82	19	8.9	2.8
			--							
22	27.31	0.403	0.1	8.4	68	118	148	0.8	14.1	1.4
				--						
14.4	6.42	0.607	0.385	13.44	18	142	148	52.3	9.3	2.1
14.0	3.9	0.0	0.1	2.8	10.0	94.0	82.0	0.8	8.9	1.4
22.0	27.3	0.6	0.4	13.4	68.0	142.0	148.0	52.3	14.5	2.8
17.9	10.8	0.3	0.3	8.9	32.0	117.5	120.0	19.0	11.7	1.9

Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
36.0	7.162	0.080	0.168	8.4	23	146	112	6	23.15	6.05
			0.268							
25.0	14.77	0.723	0.323	35.00	28	141	116	40	17.4	4.4
			--							
24	37.46	0.113	0.1	8.96	123	148	186	5.8	17.6	2.8
				--						
25.0	9.1	0.382	0.178	7.28	86	191	236	37.2	19.1	3.9
24.0	7.2	0.1	0.1	7.3	23.0	141.0	112.0	5.8	17.4	2.8
36.0	37.5	0.7	0.3	35.0	123.0	191.0	236.0	40.0	23.2	6.1
27.5	17.1	0.3	0.2	14.9	65.0	156.5	162.5	22.3	19.3	4.3

Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
15.0	11.488	0.028	0.215	2.2	19	120.4	108	1	9.36	1.42
12.0	5.669	0.035	0.352	10.92	16	103	84	18	9.1	2
14	14.77	0.148	0.1	4.76	39	116	120	18	9.1	2.6
13.6	5.7	0.073	0.385	5.88	199	238	380	61.2	9.2	1.8
12.0	5.7	0.0	0.1	2.2	16.0	103.0	84.0	1.0	9.1	1.4
15.0	14.8	0.1	0.4	10.9	199.0	238.0	380.0	61.2	9.4	2.6
13.7	9.4	0.1	0.3	6.0	68.3	144.4	173.0	24.6	9.2	2.0

Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
6198.0	1238.36	0.032	0.429	3.4	115	11900	10460	7	3600	83
1300.0	731.1	0.019	0.667	7.28	26	4340	3260	28	820	220

1100	163.55	0.044	0.1	5.6	79	2187	2056	39.5	709	2.6
17.3	5.5	0.414	0.536	14.00	64	187	226	51.5	12.6	2.2
17.3	5.5	0.0	0.1	3.4	26.0	187.0	226.0	7.0	12.6	2.2
6198.0	1238.4	0.4	0.7	14.0	115.0	#####	#####	51.5	#####	220.0
2153.8	534.6	0.1	0.4	7.6	71.0	#####	#####	31.5	#####	77.0

Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
14495.5	2596.08	0.096	0.681	2.8	49	28720	23148	13	9750	259
17000.0	1902.3	0.076	0.835	3.36	45	34900	32460	74	10500	330
4800	390.97	0.162	0.1	17.36	82	90212	8864	9.6	3280	56
197.1	35.96	0.320	0.429	14.00	53	740	720	54.6	130	6.7
197.1	36.0	0.1	0.1	2.8	45.0	740.0	720.0	9.6	130.0	6.7
17000.0	2596.1	0.3	0.8	17.4	82.0	#####	#####	74.0	#####	330.0
9123.2	1231.3	0.2	0.5	9.4	57.3	#####	#####	37.8	#####	162.9

Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
13.9	24.916	0.067	0.236	6.7	6	127.4	108	14	8.31	2.13
17.0	1.343	0.029	0.329	12.04	12	100	86	20	11.5	2.1
16	17.3	0.109	0.2	3.92	142	108	228	62.8	10.4	2.8
28.8	31.78	0.082	0.195	35.84	496	114	594	119.5	16.6	2.4
13.9	1.3	0.0	0.2	3.9	6.0	100.0	86.0	14.0	8.3	2.1
28.8	31.8	0.1	0.3	35.8	496.0	127.4	594.0	119.5	16.6	2.8
18.9	18.8	0.1	0.2	14.6	164.0	112.4	254.0	54.1	11.7	2.4

Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
9.0	6.863	0.014	0.256	3.4	24	97.7	76	18	5.58	1.33

			0.279							
15.0	5.52	0.209	0.347	11.48	8	90	96	15	9.5	2.2
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15	23.42	0.059	0.1	7.84	176	99	232	111	9.5	2.6
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15.4	6.86	ND	0.323	5.88	59	171	200	50.1	9.3	2.1
9.0	5.5	0.0	0.1	3.4	8.0	90.0	76.0	15.0	5.6	1.3
15.4	23.4	0.2	0.3	11.5	176.0	171.0	232.0	111.0	9.5	2.6
13.6	10.7	0.1	0.3	7.1	66.8	114.4	151.0	48.5	8.5	2.1

Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
62.9	15.964	0.222	0.269	12.9	117	122.4	106	12	43.85	17
78.0	26.2	0.942	0.412	3.08	42	334	300	62	53	26.2
35	43.13	0.24	0.1	14.84	113	182	264	0.4	22.2	8
36.5	32.23	0.148	0.226	3.36	59	398	406	28.5	25	5.9
35.0	16.0	0.1	0.1	3.1	42.0	122.4	106.0	0.4	22.2	5.9
78.0	43.1	0.9	0.4	14.8	117.0	398.0	406.0	62.0	53.0	26.2
53.1	29.4	0.4	0.3	8.5	82.8	259.1	269.0	25.7	36.0	14.3

Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
12.9	7.758	0.006	0.198	5.0	18	118.5	84	1	8.6	2.44
18.0	3.73	0.030	0.336	20.72	11	100	88	15	10.9	1.4
18	15.81	0.112	0.1	7	119	100	184	4.3	12.5	1.1
12.6	7.16	0.037	0.376	3.92	56	151	180	76.4	9.2	2.1
12.6	3.7	0.0	0.1	3.9	11.0	100.0	84.0	1.0	8.6	1.1
18.0	15.8	0.1	0.4	20.7	119.0	151.0	184.0	76.4	12.5	2.4
15.4	8.6	0.0	0.3	9.2	51.0	117.4	134.0	24.2	10.3	1.8

Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
12.0	4.774	0.062	0.224	2.2	11	108	70	3	8.53	0.95
			0.293							
18.0	8.504	0.013	0.314	35.56	8	95	78	12	9.8	2.2
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13	18.5	0.048	0.1	3.36	115	114	140	1.6	8.3	2.5
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10.6	4.77	0.179	0.168	6.61	12	152	148	6.8	7.2	2.1
10.6	4.8	0.0	0.1	2.2	8.0	95.0	70.0	1.6	7.2	1.0
18.0	18.5	0.2	0.3	35.6	115.0	152.0	148.0	12.0	9.8	2.5
13.4	9.1	0.1	0.2	11.9	36.5	117.3	109.0	5.9	8.5	1.9

Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l
23.0	8.504	0.072	0.166	10.1	25	144	112	4	16.6	4.71
			0.271							
24.0	4.33	0.054	0.321	21.84	18	134	108	27	16.9	3.7
			--							
22	52.7	0.126	0.1	7.84	119	138	228	5.7	17.6	3.1
30.0	8.9	0.342	0.174	5.60	152	183	292	65.5	22	4
22.0	4.3	0.1	0.1	5.6	18.0	134.0	108.0	4.0	16.6	3.1
30.0	52.7	0.3	0.3	21.8	152.0	183.0	292.0	65.5	22.0	4.7
24.8	18.6	0.1	0.2	11.3	78.5	149.8	185.0	25.6	18.3	3.9

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B, mg/l	Cadmiu m, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
0.058	ND	4.7	7.6	51.4	2	4.3	0.016	619.2
0.031	4.3	3.5	7.9	18	0.3	5	0.08	643
0.02	4.1	3.2	5.9	56	6.5	11.8	0.24	6520
0.024	0.6	0.3	5.7	64	0.5	3.6	0.04	734
0.02	0.60	0.3	5.7	--	0.3	3.6	0.016	
0.06	4.30	4.7	7.9	--	6.5	11.75	0.24	
0.03	3.01	3	7	--	2.3	6.2	0.1	

B, mg/l	Cadmiu m, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
0.051	ND	2.3	6.4	28.9	0.8	1.5	0.098	1449.6
0.062	3.2	2.9	8.3	9	0.4	7.9	0.04	869
0.031	3.5	5.4	3.8	64	1.4	12.1	BDL	5920
0.038	0.7	1	5.3	73	0.6	5.4	BDL	154
0.0	0.7	1.0	3.8	9.0	0.4	1.5	0.0	154.0
0.1	3.5	5.4	8.3	73.0	1.4	12.1	0.1	5920.0
0.0	2.5	2.9	6.0	43.7	0.8	6.7	0.1	2098.2

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
0.048	ND	2.3	5.3	25.7	1.4	5.1	0.053	628.8

0.013	4.6	1.7	6.6	9	0.5	11.3	ND	418
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0.038	3.1	0.4	0.9	84	3.6	0.9	BDL	6070
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0.02	0.5	0.4	5.2	11	1.6	5.1	BDL	408
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0.0	0.5	0.4	0.9	9.0	0.5	0.9	0.1	408.0
0.0	4.6	2.3	6.6	84.0	3.6	11.3	0.1	6070.0
0.0	2.7	1.2	4.5	32.4	1.8	5.6	0.1	1881.2

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
0.024	ND	2.3	7.1	38.6	1.9	5.6	0.048	187.2

0.017	4.3	3.5	8.4	26	0.7	18	0.16	605
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0.034	3.2	1.1	1.4	32	5.7	0.4	BDL	6960
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0.058	0.9	1.8	6.9	45	1.7	8.3	BDL	686
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0.0	0.9	1.1	1.4	26.0	0.7	0.4	0.0	187.2
0.1	4.3	3.5	8.4	45.0	5.7	18.0	0.2	6960.0
0.0	2.8	2.2	5.9	35.4	2.5	8.1	0.1	2109.6

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
0.03	ND	2.3	6	28.9	1.2	0.8	0.085	566.4

0.034	6.4	7	6.4	64	0.6	10.7	ND	835
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0.048	1.3	4.8	8.8	39	4.2	3.2	0.04	6300
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0.034	0.9	1.1	5.3	71	0.3	2.6	BDL	235
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0.0	0.9	1.1	5.3	28.9	0.3	0.8	0.0	235.0
0.0	6.4	7.0	8.8	71.0	4.2	10.7	0.1	6300.0
0.0	2.9	3.8	6.6	50.7	1.6	4.3	0.1	1984.1

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
0.024	0.1	2.3	7.2	51.4	0.6	7.6	0.049	90
0.024	3.5	1.3	1.2	29	1.3	2.6	0.08	106
0.045	3.6	1.8	0.7	16	2.8	4.4	0.2	2900
0.034	0.7	1.1	7.8	41	1.4	3.9	0.04	264
0.0	0.1	1.1	0.7	16.0	0.6	2.6	0.0	90.0
0.0	3.6	2.3	7.8	51.4	2.8	7.6	0.2	2900.0
0.0	2.0	1.6	4.2	34.4	1.5	4.6	0.1	840.0

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
1.728	ND	4.7	8.3	25.7	1.9	6	0.05	696

0.117	4.3	4.1	6.1	51	0.8	7.5	ND	235
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0.024	3.4	1.9	4.7	24	3.4	3.4	BDL	5730
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0.034	0.8	1.3	7.3	104	1.4	3.3	BDL	206
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0.0	0.8	1.3	4.7	24.0	0.8	3.3	0.1	206.0
1.7	4.3	4.7	8.3	104.0	3.4	7.5	0.1	5730.0
0.5	2.8	3.0	6.6	51.2	1.9	5.0	0.1	1716.8

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
ND	0.6	2.3	4.8	57.8	1.1	3.6	0.106	240

0.113	4.6	4.6	8.9	25	1.2	14.4	0.04	763
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0.031	3.9	6.1	3.3	40	4.5	4.4	BDL	5260
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0.055	0.8	1.9	7.9	30	0.8	5	BDL	960
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0.0	0.6	1.9	3.3	25.0	0.8	3.6	0.0	240.0
0.1	4.6	6.1	8.9	57.8	4.5	14.4	0.1	5260.0
0.1	2.5	3.7	6.2	38.2	1.9	6.8	0.1	1805.8

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
0.065	0.6	2.1	8.6	57.9	1.1	5.7	0.085	662.4

0.113	3.2	3.7	21.1	16	3.5	6.4	0.04	77
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0.041	3.1	2.4	6.4	8	6.5	8.4	BDL	4000
0.024	0.7	0.4	7.3	43	0.9	1.5	BDL	514

0.024	0.7	0.4	7.3	43	0.9	1.5	BDL	514
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0.0	0.6	0.4	6.4	8.0	0.9	1.5	0.0	77.0
0.1	3.2	3.7	21.1	57.9	6.5	8.4	0.1	4000.0
0.1	1.7	1.8	10.1	33.6	2.6	4.7	0.1	1153.5

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
0.006	0.8	2.3	9.8	45	1.1	7.9	0.053	340.8
0.109	3.8	2.8	5.1	35	1.8	3.4	ND	106
0.045	2.7	1.8	7.5	23	5.5	3.5	BDL	3350

0.03	0.8	0.9	9.9	22	0.4	7.1	BDL	446
0.0	0.8	0.9	5.1	22.0	0.4	3.4	0.1	106.0
0.1	3.8	2.8	9.9	45.0	5.5	7.9	0.1	3350.0
0.0	2.0	1.9	8.1	31.3	2.2	5.5	0.1	1060.7

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
0.027	0.1	2.3	6.1	32.2	1.9	1.4	0.053	1075.2
0.031	3.2	1.6	1.7	29	0.3	5	0.12	341
0.055	3.6	1.9	1.1	24	2.5	3.1	0.04	5640
0.017	0.7	1.2	7	52	1	2.8	BDL	523
0.0	0.1	1.2	1.1	24.0	0.3	1.4	0.0	341.0
0.1	3.6	2.3	7.0	52.0	2.5	5.0	0.1	5640.0
0.0	1.9	1.7	4.0	34.3	1.4	3.1	0.1	1894.8

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
0.038	0.5	2.5	6.1	90	2.5	7	0.069	979.2
0.038	4.1	2.7	2.4	32	0.7	6.4	0.24	34
0.048	3.9	2.6	8.9	40	5.4	7.4	0.32	6500
0.01	0.8	2.6	6.3	59	1.8	4.6	0.04	1704
0.0	0.5	2.5	2.4	32.0	0.7	4.6	0.0	34.0

0.0	4.1	2.7	8.9	90.0	5.4	7.4	0.3	6500.0
0.0	2.3	2.6	5.9	55.3	2.6	6.4	0.2	2304.3

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
0.109	0.2	2.3	3.1	51.4	0.8	2.1	0.041	177.6
0.048	3.5	1.8	3.7	58	1.2	9.5	0.08	96
0.034	3.6	4.0	4.2	27	3.6	7.9	BDL	4490
0.044	3.1	1.5	7.5	25	3.6	1.7	BDL	456
0.0	0.2	1.5	3.1	25.0	0.8	1.7	0.0	96.0
0.1	3.6	4.0	7.5	58.0	3.6	9.5	0.1	4490.0
0.1	2.6	2.4	4.6	40.4	2.3	5.3	0.1	1304.9

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
ND	0.4	2.3	4	12.8	1.7	3.7	0.06	3345.6
0.109	4.1	2.7	5.3	64	1.7	11.3	0.08	874
0.051	3.3	1.6	0.8	48	0.4	3.2	BDL	2290
0.041	3.3	1.9	7	52	3.6	2.3	BDL	701
0.0	0.4	1.6	0.8	12.8	0.4	2.3	0.1	701.0
0.1	4.1	2.7	7.0	64.0	3.6	11.3	0.1	3345.6
0.1	2.8	2.1	4.3	44.2	1.8	5.1	0.1	1802.7

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
0.013	3.8	4.7	9.8	19.3	1.7	5.2	0	168
ND	1.83	3.42	6.33	80	1.42	11.17	ND	307
0.055	2.8	3.8	0.8	40	4.7	5.6	BDL	4640
0.065	0.6	1.6	6.7	114	0.5	4.8	BDL	10740
0.0	0.6	1.6	0.8	19.3	0.5	4.8	0.0	168.0
0.1	3.8	4.7	9.8	114.0	4.7	11.2	0.0	10740.0
0.0	2.3	3.4	5.9	63.3	2.1	6.7	0.0	3963.8

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
0.037	ND	6.25	10.6	25.7	0.7	19.8	0.08	206.4
0.024	0.33	5.33	7.25	32	1.17	11.8	ND	206
0.051	2.6	3.9	2.9	31	7.0	9.2	BDL	13340
ND	2.7	2.3	7.5	22	0.9	4.1	BDL	134
0.0	0.3	2.3	2.9	22.0	0.7	4.1	0.1	134.0
0.1	2.7	6.3	10.6	32.0	7.0	19.8	0.1	13340.0
0.0	1.9	4.5	7.1	27.7	2.4	11.2	0.1	3471.6

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
0.024	1.3	2.3	7.6	41.5	1	3.8	0.08	240

0.01	2.42	2.35	7.67	109	0.42	3.57	ND	3629
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0.02	0.8	2.4	5.3	32	4.0	2.9	BDL	13030
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0.03	0.9	1.6	6.8	7	1.4	1.5	BDL	2352
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0.0	0.8	1.6	5.3	7.0	0.4	1.5	0.1	240.0
0.0	2.4	2.4	7.7	109.0	4.0	3.8	0.1	13030.0
0.0	1.3	2.2	6.8	47.4	1.7	2.9	0.1	4812.8

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
ND	ND	6.4	8.5	24.9	ND	19.2	0.16	1464

0.014	2.25	3.67	7.33	60	0.83	13.2	0.08	1325
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0.031	0.3	1.2	5.9	32	2.6	3.2	BDL	12830
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0.281	1.9	2.4	4.9	14	2.9	8.1	BDL	3048
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0.0	0.3	1.2	4.9	14.0	0.8	3.2	0.1	1325.0
0.3	2.3	6.4	8.5	60.0	2.9	19.2	0.2	12830.0
0.1	1.5	3.4	6.7	32.7	2.1	10.9	0.1	4666.8

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
0.006	1.6	2.3	9.6	89.3	0.7	5.7	0.08	1972.8

0.069	1.5	2.92	4.67	35	1.5	5.33	0.08	787
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0.006	0.9	0.2	7.6	88	4.0	5.4	BDL	13220
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0.034	0.4	3.8	5.1	5	0.4	6.1	BDL	3763
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0.0	0.4	0.2	4.7	5.0	0.4	5.3	0.1	787.0
0.1	1.6	3.8	9.6	89.3	4.0	6.1	0.1	13220.0
0.0	1.1	2.3	6.7	54.3	1.7	5.6	0.1	4935.7

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
0.003	2.5	2.3	9.3	78.1	1.4	7.3	0.016	715.2
0.058	2.42	2.67	5.75	99	1.33	4.5	ND	509
0.031	0.8	2.7	3.4	40	3.2	4.2	BDL	12640

0.02	1	4.9	3.2	7	4.4	11.4	BDL	3550
0.0	0.8	2.3	3.2	7.0	1.3	4.2	0.0	509.0
0.1	2.5	4.9	9.3	99.0	4.4	11.4	0.0	12640.0

0.0	1.7	3.1	5.4	56.0	2.6	6.8	0.0	4353.6
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B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
0.013	2.4	2.3	9.5	58.4	0.9	4.7	0.32	355.2

0.007	1.58	3	6.75	54	0.75	3.333	0.08	963
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0.082	1.0	1.3	5.3	22	4.3	7.0	BDL	9700
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0.219	1.1	2.4	4.5	9	0.8	2.9	BDL	3406
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0.0	1.0	1.3	4.5	9.0	0.8	2.9	0.1	355.2
0.2	2.4	3.0	9.5	58.4	4.3	7.0	0.3	9700.0
0.1	1.5	2.3	6.5	35.9	1.7	4.5	0.2	3606.1

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
0.041	2.3	2.3	4.8	52.8	3	6.1	0.04	312

0.243	3.4	8.1	6.3	62	0.3	16.2	ND	653
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0.055	0.9	2.9	9.7	16	4.3	13.9	BDL	6120
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0.034	2.6	0.1	7.1	70	1.5	0.9	BDL	1267
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0.0	0.9	0.1	4.8	16.0	0.3	0.9	0.0	312.0
0.2	3.4	8.1	9.7	70.0	4.3	16.2	0.0	6120.0
0.1	2.3	3.4	7.0	50.2	2.3	9.3	0.0	2088.0

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
ND	2.4	2.3	9.5	68.4	1.3	4.5	0.12	604.8

0.031	3.8	6	5.9	98	1.5	20.6	ND	331
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0.048	1.0	3.6	7.2	27	5.6	14.6	BDL	1760
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0.017	2.9	2.5	3.6	75	1.8	7.8	BDL	4085
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0.0	1.0	2.3	3.6	27.0	1.3	4.5	0.1	331.0
0.0	3.8	6.0	9.5	98.0	5.6	20.6	0.1	4085.0
0.0	2.5	3.6	6.5	67.1	2.5	11.9	0.1	1695.2

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
0.093	1.3	2.3	7.2	52.4	1.1	3.6	0.03	1348.8
0.069	3.5	3.3	5.3	38	1.3	5.9	0.04	662
0.014	1.9	2.8	3.3	22	7.3	3.9	BDL	4390
0.02	2.6	0.5	3.4	67	2.8	0.8	BDL	9110
0.0	1.3	0.5	3.3	22.0	1.1	0.8	0.0	662.0
0.1	3.5	3.3	7.2	67.0	7.3	5.9	0.0	9110.0
0.0	2.3	2.2	4.8	44.9	3.1	3.6	0.0	3877.7

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
0.895	3.9	11.7	9.8	47.4	1.6	12.1	0.016	1416
0.789	3.5	2.3	5	12	0.7	6.1	0.04	3403

0.185	1.9	1.3	7.0	32	7.0	8.3	BDL	4540
0.01	1.3	2.4	0.7	62	2.5	2.6	BDL	2002

0.0	1.3	1.3	0.7	12.0	0.7	2.6	0.0	1416.0
0.9	3.9	11.7	9.8	62.0	7.0	12.1	0.0	4540.0
0.5	2.7	4.4	5.6	38.4	3.0	7.3	0.0	2840.3

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
1.008	5.7	18.7	10.2	98.4	1.5	17.2	0.15	2049.6
1.056	4.3	3.7	6.4	35	2.4	12.8	0.04	590
0.718	2.1	2.4	7.9	48	8.6	14.0	BDL	2820
0.041	1.3	8.7	1.5	41	0.9	3.8	BDL	1618
0.0	1.3	2.4	1.5	35.0	0.9	3.8	0.0	590.0
1.1	5.7	18.7	10.2	98.4	8.6	17.2	0.2	2820.0
0.7	3.3	8.4	6.5	55.6	3.3	12.0	0.1	1769.4

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
0.013	0.6	2.3	5.7	19.3	0.8	4.4	0.081	1545.6
0.058	3.7	1.6	4.3	45	1.5	11	0.12	1339
0.088	2.9	6.7	5.9	64	7.3	8.7	BDL	12960
0.024	2.5	0.3	6.2	79	1.4	1.3	BDL	13757
0.0	0.6	0.3	4.3	19.3	0.8	1.3	0.1	1339.0
0.1	3.7	6.7	6.2	79.0	7.3	11.0	0.1	13757.0
0.0	2.4	2.7	5.5	51.8	2.7	6.3	0.1	7400.4

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
0.013	1.4	2.3	9.2	42.8	0.5	4	0.04	1084.8

0.01	2.42	3.83	8.92	170	1.17	6.25	0.08	1973
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0.048	0.8	0.8	4.6	32	2.9	5.4	BDL	13060
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0.044	1.8	2.3	5	9	2.8	9.4	BDL	3230
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0.0	0.8	0.8	4.6	9.0	0.5	4.0	0.0	1084.8
0.0	2.4	3.8	9.2	170.0	2.9	9.4	0.1	13060.0
0.0	1.6	2.3	6.9	63.5	1.9	6.3	0.1	4837.0

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
0.054	1.3	2.3	9.9	93.1	0.3	5	0.03	393.6
0.099	4.92	6.83	8.75	125	4.92	30.25	0.06	2986
0.12	1.1	1.2	4.6	21	3.6	6.1	0.04	2950
0.223	0.9	1.4	7.8	12	2.1	4.8	BDL	3053
0.1	0.9	1.2	4.6	12.0	0.3	4.8	0.0	393.6
0.2	4.9	6.8	9.9	125.0	4.9	30.3	0.1	3053.0
0.1	2.1	2.9	7.8	62.8	2.7	11.5	0.0	2345.7

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
0.024	1.1	2.3	9.8	92.4	1	5.7	0.01	571.2
ND	1.92	3.58	7	45	1.58	5.58	0.08	470
0.02	1.3	2.6	7.2	26	3.9	4.9	0.08	10680
0.01	0.9	2.3	4.1	9	2.5	5.8	0.04	883
0.0	0.9	2.3	4.1	9.0	1.0	4.9	0.0	470.0
0.0	1.9	3.6	9.8	92.4	3.9	5.8	0.1	10680.0
0.0	1.3	2.7	7.0	43.1	2.3	5.5	0.1	3151.1

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
ND	1.4	2.3	4.5	46.4	2	4.4	BDL	134.4

ND	2.7	5.5	5	51	0.3	15.3	ND	926
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0.024	1.0	1.4	5.2	13	3.6	7.8	BDL	1150
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ND	0.7	0.4	7.3	80	0.9	1.5	BDL	369
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0.0	0.7	0.4	4.5	13.0	0.3	1.5	0.0	134.4
0.0	2.7	5.5	7.3	80.0	3.6	15.3	0.0	1150.0
0.0	1.5	2.4	5.5	47.6	1.7	7.2	#DIV/0!	644.9

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
ND	2.6	2.3	6.4	59.2	1.8	5.3	0.05	331.2

ND	3.4	2	3.3	58	0.6	17.8	ND	322
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0.072	1.2	1.7	4.9	22	4.8	12.3	BDL	1940
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0.031	2.8	0.8	7.1	18	2.3	1.3	BDL	5194
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0.0	1.2	0.8	3.3	18.0	0.6	1.3	0.1	322.0
0.1	3.4	2.3	7.1	59.2	4.8	17.8	0.1	5194.0
0.1	2.5	1.7	5.4	39.3	2.4	9.2	0.1	1946.8

