

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
Jan	2011	23	8.1	8.4	1.8	10	155	0.055	0.56
Feb		25	7.7	8.7	0.6	11.3	181	0.136	0.28
Mar		33	7.6	7.5	1.0	8.5	161	0.654	0.336
Apr		31	8.3	7.4	2.1	9.8	183	0.031	0.616
May		35	8.3	6.5	2.2	9.3	155	0.109	0.672
June		31	7.8	7.3	1.3	13.7	136	2.083	0.672
July		29	7.4	5.3	1.4	18.3	82	0.703	0.560
Aug		33	8.1	7.9	2.6	17.3	99	0.026	0.112
Sept		27	8.1	6.9	1.6	7.6	127	0.173	0.112
Oct		31	7.5	6.5	0.5	8.7	129.2	0.283	0.112
Nov		26	7.8	8.1	1.8	16.3	152	0.016	0.168
Dec		23	8.2	8.2	1.5	5.8	171	0.383	0.168
Minimum			7.4	5.3	0.5	5.8	82	0.016	0.112
Maximum			8.3	8.7	2.6	18.3	183	2.083	0.672
Average			7.9	7.4	1.6	12	143	0.388	0

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
Jan	2011	22	8.3	8.7	1.4	8	145	0.122	0.224
Feb		23	7.9	8.8	1.2	11.3	189	0.335	0.784
Mar		27	7.2	6.0	1.2	8.5	171	0.053	0.728
Apr		31	7.8	7	2.5	10.7	206	0.127	0.896
May		32	8.1	5.7	1.9	13	149	0.201	1.120
June		28	8.2	8.8	1.5	10.3	131	0.289	0.336
July		27	6.8	5.4	1.6	15.2	96	0.508	0.560
Aug		30	8.4	6.6	1.8	7.7	103	1.473	0.224
Sept		29	8.1	6.7	1.8	7.6	124	0.265	0.112
Oct		30	7.2	6.3	0.8	10.5	130.8	0.174	0.224
Nov		27	7.7	8.9	1.6	10.2	160	0.002	0.112
Dec		22	7.8	9.0	1.1	7.7	141	0.529	0.224
Minimum			6.8	5.4	0.8	7.6	96	0.002	0.112
Maximum			8.4	9.0	2.5	15.2	206	1.473	1.12

Average		7.8	7.4	1.6	10	143	0.340	0
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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
Jan		20	8.0	7.7	1.6	10	171	0.142	0.728
Feb		24	7.6	8.3	1.2	12.1	202	0.312	0.616
Mar		28	7.7	6.0	1.0	6.8	163	0.137	0.84
Apr		31	8.2	8.1	1.9	10.8	205	0.052	0.560
May		33	8.3	7.3	1.7	9.2	228	0.004	0.728
June		30	8.0	8.1	1.1	8.5	157	0.101	0.336
July		28	7.5	5.7	1.1	12.3	95	1.102	0.336
Aug		31	8.2	8.0	2.2	7.7	97	0.077	0.280
Sept		29	7.9	6.8	1.8	7.4	124	0.331	0.112
Oct		30	7.4	6.8	1.2	12.7	135	0.386	0.112
Nov		26	7.3	8.0	1.2	8.2	160	0.006	0.056
Dec		20	8.1	9.1	1.0	7.7	141	0.173	0.168
Minimum			7.3	5.7	1	7.4	95	0.004	0.056
Maximum			8.3	9.1	2.2	12.7	228	1.102	0.84
Average			7.9	7.6	1.5	10	156	0.235	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
Jan		21	8.2	8.4	2.2	14.1	154	0.145	0.728
Feb		24	8.1	8.6	1.6	15.1	201	0.095	0.672
Mar		28	7.6	6.0	1.6	8.5	168	0.023	1.12
Apr		31	8.3	7.6	2.2	12.8	208	0.096	0.392
May		32	8.1	5.9	1.8	9.3	288	0.123	0.616
June		29	8.0	8.8	1.2	10.3	166	0.638	0.224
July		27	7.4	6.2	1.6	18	90	1.351	0.560
Aug		32	8.1	8.0	2.4	5.8	99	1.559	0.392
Sept		29	8.0	6.6	2.2	10.6	116	0.019	0.112
Oct		31	7.7	6.8	1.9	18.7	119	0.766	0.224
Nov		26	7.9	8.0	1.4	8.2	164	0.082	0.112
Dec		20	8.1	9.6	1.8	9.6	173	0.012	0.056
Minimum			7.4	5.9	1.2	5.8	90	0.012	0.056
Maximum			8.3	9.6	2.4	18.7	288	1.559	1.12
Average			8.0	7.7	1.8	12	162	0.409	0

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
Jan		19	7.2	8.6	2.4	10	322	0.138	0.56
Feb		23	8.1	8.8	2.2	15.1	385	0.296	1.008
Mar		26	8.2	7.2	1.6	16.9	393	0.013	0.672
Apr		30	7.6	6.7	1.7	10.5	376	0.070	0.784
May		31	8.0	5.0	1.0	11.2	308	0.736	0.896
June		27	8.0	7.3	0.9	17.1	255	0.609	0.448
July		27	7.3	6.3	2.2	18.9	125	1.203	0.560
Aug		29	8.0	7.3	1.6	1.9	136	0.889	0.168
Sept		26	8.2	6.4	2.2	11.4	115	0.150	0.112
Oct		30	7.6	7	0.7	8.7	189	0.388	0.168
Nov		25	7.6	8.0	1.0	8.2	192	0.274	0.168
Dec		18	8.1	9.7	1.4	9.6	194	0.306	0.280
Minimum			7.2	5	0.7	1.9	115	0.013	0.112
Maximum			8.2	9.7	2.4	18.9	385	1.203	1.008
Average			7.8	7.4	1.6	11	236	0.423	0

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
Jan		25	8.3	8.2	1.4	8	186	0.11	0.504
Feb		28	8.1	9.4	1	5.7	217	5.707	0.728
Mar		32	7.4	7.3	1.1	10.2	208	1.576	0.672
Apr		28	8.2	8	1.5	15.7	230	0.208	0.448
May		31	8.1	6.7	1.8	11.2	261	0.028	0.448
June		26	7.9	8.5	0.9	8.7	213	0.205	0.448
July		26	7.5	5.8	1.5	18.9	221	1.008	0.448
Aug		27	8.1	7.6	2.0	5.8	162	0.484	0.280
Sep		27	8.1	6.5	1.6	7.6	120	0.604	0.112
Oct		28	7.6	7.2	1	10.5	134.8	0.528	0.112
Nov		24	7.7	7.7	1.0	8.2	165	0.025	0.112
Dec		24	8.1	8.4	1.6	7.7	152	0.460	0.112
Minimum			7.4	5.8	0.9	5.7	120.0	0.025	0.1
Maximum			8.3	9.4	2.0	18.9	261.0	5.707	0.7

Average		7.9	7.6	1.4	9.8	187.5	0.912	0.4
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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
Jan		24	8.1	8.1	1.4	6	185	0.282	0.616
Feb		27	7.6	8.5	1.2	12.2	220	0.142	0.896
Mar		34	8.2	8.8	1.0	6.8	202	0.0234	0.56
Apr		27	7.5	6.7	2.1	19.6	305	0.162	0.504
May		29	7.6	6.1	1.5	11.2	256	0.053	0.672
June		26	8.3	6.8	1.2	15.4	256	0.050	0.224
July		25	7.6	5.9	1.6	11	224	0.123	0.672
Aug		27	8.1	7.2	2.1	15.4	162	0.050	0.392
Sept			7.8	6.8	2.0	11.4	140	0.459	0.224
Oct		29	7.2	6.7	1.2	10.5	129.5	0.234	0.112
Nov		25	7.9	8.7	0.8	10.2	155	0.014	0.056
Dec		24	7.8	9.4	1.9	11.5	156	0.266	0.168
Minimum			7.2	5.9	0.8	6	129.50	0.014	0
Maximum			8.3	9.4	2.1	20	305.00	0.459	1
Average			7.8	7.4	1.5	12	199.00	0.155	0

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
Jan		26	7.4	7.6	3.8	18	285	0.621	0.448
Feb		28	7.8	7.8	3.2	28.2	289	1.248	1.12
Mar		31	7.7	7.7	3.1	20.3	323	0.511	0.784
Apr		28	7.9	6.2	2.8	21.6	333	0.287	0.616
May		29	7.3	5.9	2.2	17.5	251	0.504	0.560
June		26	8.2	5.3	2.5	23.7	307	0.104	0.672
July		25	7.2	5.7	2.1	18.9	245	1.303	0.560
Aug		26	8.1	6.4	3.3	22.4	205	0.096	0.280
Sept		26	8.2	6.6	2.6	17.5	121	0.187	0.56
Oct		27	7.8	5.8	1.8	18.7	158.6	0.635	0.336
Nov		25	7.4	7.3	2.4	22.3	166	0.016	0.112
Dec		22	8.2	9.6	3.1	21.5	178	0.477	0.168
Minimum			7.2	5.3	1.8	18	121.00	0.016	0.11
Maximum			8.2	9.6	3.8	28	333.00	1.303	1.12
Average			7.8	6.7	2.7	21	230.66	0.499	0.52

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
Jan		20	8.4	7.8	2.9	12.1	191	0.079	0.672
Feb		25	7.7	8.3	2.2	15.1	272	0.150	0.56
Mar		29	8.2	8.6	1.9	12.8	196	0.132	0.896
Apr		26	8.3	6.9	2	12.8	250	0.488	0.280
May		30	8.3	6.8	2.2	11.2	183	0.014	0.392
June		26	7.5	7.5	2.1	21.9	215	0.170	0.560
July		27	7.6	6.7	1.4	14.2	151	0.156	0.336
Aug		27	8.1	7.8	1.8	15.4	167	0.366	0.112
Sept		24	7.7	6.3	1.8	11.4	147	0.664	0.336
Oct		27	7.8	6.4	1.4	9	138.8	0.050	0.112
Nov		26	7.7	7.9	1.0	12.2	169	0.008	0.224
Dec		24	8.4	9.1	1.6	11.5	154	0.279	0.280
Minimum			7.5	6.3	1.0	9.0	138.8	0.008	0.1
Maximum			8.4	9.1	2.9	21.9	272.0	0.664	0.9
Average			7.9	7.4	1.9	13.3	185.3	0.213	0.4

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
Jan		18	7.4	7.1	2.9	12.1	211	0.07	0.28
Feb		23	7.7	7.5	2.8	18.1	306	4.326	0.84
Mar		31	7.8	7.2	2.6	16.8	250	0.322	0.784
Apr		30	7.9	6.8	2.3	18.6	303	0.368	0.560
May		30	8.4	6.3	2.4	14.9	234	0.263	0.672
June		25	7.9	6.3	2.2	21.9	193	0.258	0.448
July		25	7.5	6.5	2.1	14.2	122	0.265	0.392
Aug		27	8.4	4.7	2.3	17.7	191	1.080	0.112
Sep		27	8.2	6.1	2.4	17.1	141	0.540	0.56
Oct		27	7.6	5.35	1.1	10.5	178.5	0.609	0.224
Nov		25	7.9	7.4	2.0	20.4	228	0.028	0.224
Dec		20	7.9	6.7	1.6	9.6	242	0.345	0.224
Minimum			7.4	4.7	1.1	9.6	121.8	0.028	0.1
Maximum			8.4	7.5	2.9	21.9	306.0	4.326	0.8

Average		7.9	6.5	2.2	15.9	213.6	0.706	0.4
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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
Jan		24	7.8	7.2	1.8	8	183	0.262	0.84
Feb		28	8.1	7.4	1.4	7.6	224	2.736	0.392
Mar		32	7.8	5.6	0.8	5.1	198	0.181	0.952
Apr		28	7.3	7.6	1.7	17.6	246	0.114	0.448
May		31	7.7	6.6	1.6	11.2	207	0.025	0.448
June		26	8.4	7.1	1.0	8.5	202	0.256	0.224
July		25	7.1	6.1	1.1	9.4	212	0.529	0.560
Aug		27	8.1	6.1	1.1	7.7	161	0.094	0.112
Sep		28	8.2	6.0	1.6	11.4	120	0.127	0.112
Oct		28	7.6	5.1	0.8	5.2	122.2	0.518	0.168
Nov		24	8.0	7.3	0.6	6.1	125	0.283	0.112
		24	8.2	8.4	1.3	7.7	144	0.371	0.224
Minimum		7.1	5.1	0.6	5.2	120.0	0.025	0.1	
Maximum		8.4	8.4	1.8	17.6	246.0	2.736	1.0	
Average		7.9	6.8	1.3	9.1	176.9	0.458	0.4	

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
Jan		24	8.0	7.0	2.2	10	186	0.167	0.616
Feb		27	7.9	7.2	1.6	11.3	188	4.374	0.392
Mar		34	7.7	5.4	1.8	9.8	228	0.261	0.728
Apr		28	7.8	7.5	1.9	18.7	244	0.160	0.336
May		30	7.9	6.1	1.2	7.5	206	0.532	0.784
June		26	8.4	7.5	1.4	10.8	209	0.110	0.448
July		25	7.7	6.6	1.6	12.6	221	0.130	0.672
Aug		27	8.4	6.3	2.3	17.3	162	0.054	0.112
Sep		28	8.1	5.9	2.0	11.4	142	1.369	0.224
Oct		29	7.7	5.1	1.5	10.7	126	0.554	0.168
Nov		25	7.6	7.0	1.0	8.2	140	0.020	0.168
Dec		24	7.9	8.2	1.4	7.7	153	0.455	0.280
Minimum		7.6	5.1	1.0	7.5	126.0	0.020	0.1	

Maximum		8.4	8.2	2.3	18.7	244.0	4.374	0.8
Average		7.9	6.8	1.6	11.5	179.6	0.682	0.4

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
Jan		20	7.8	9.4	0.7	8	201	0.062	0.616
Feb		28	7.9	8.1	1.2	11.3	285	1.224	0.224
Mar		30	7.6	7.4	1.2	6.1	228	0.091	0.56
Apr		24	8.2	6.3	2	9.8	248	0.096	0.280
May		31	8.1	6.7	1.0	7.5	208	0.299	0.336
June		26	8.1	7.6	1.0	6.8	217	1.575	0.336
July		28	7.7	5.3	1.4	17.3	204	0.110	0.224
Aug		28	8.4	7.6	2.1	11.5	186	0.267	0.112
Sep		23	7.7	6.6	1.8	9.5	185	0.016	0.112
Oct		28	7.8	6.9	1.2	12.2	159	0.389	0.112
Nov		27	8.3	8.0	0.8	8.2	148	0.219	0.224
Dec		24	7.7	8.7	1.1	7.7	165	0.332	0.224
Minimum		7.7	5.3	0.7	6.8	148.0	0.016	0.1	
Maximum		8.4	9.4	2.1	17.3	285.0	1.575	0.6	
Average		8.0	7.4	1.3	10.0	200.6	0.390	0.3	

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
Jan		20	7.5	9.1	2	14.1	237	0.021	0.616
Feb		28	7.7	9.8	1.8	15.1	344.3	0.059	0.56
Mar		31	8.0	6.3	1.5	10.2	247	0.678	1.008
Apr		24	8.3	6.2	2.8	11.8	300	0.128	0.336
May		32	8.2	7.2	1.8	9.5	211	0.862	0.560
June		27	8.3	8.8	1.1	8.5	264	0.022	0.448
July		29	8.1	5.4	1.6	18.9	260	1.029	0.336
Aug		29	8.4	7.4	2.2	15.4	221	0.304	0.112
Sep		24	7.7	5.8	2.2	12.9	195	0.332	0.112
Oct		28	7.5	4.9	2.2	18.7	210.5	0.093	0.224
Nov		27	8.4	8.0	0.8	10.2	173	0.225	0.168

Dec		25	8.3	8.0	1.9	7.7	181	0.275	0.336
Minimum			7.5	4.9	0.8	7.7	173.0	0.021	0.1
Maximum			8.4	9.8	2.8	18.9	344.3	1.029	1.0
Average			8.0	7.3	1.9	13.0	236.0	0.336	0.4

Tikarapada

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
Jan		22	8.1	8.0	0.8	4.1	194	0.092	0.504
Feb		26	8.2	9.3	1	11.3	261	0.232	0.28
Mar		23	7.4	6.3	0.9	8.5	214	0.268	1.904
Apr		31	8.3	7.7	1.6	15.7	256	0.124	0.448
May			8.3	7.2	1.6	11.2	173	0.463	0.784
June		31	8.2	7.3	1.2	10.3	202	0.059	0.224
July		28	7.7	5.6	1.5	15.7	171	0.444	0.672
Aug		26	8.4	6.8	1.7	10.3	169	0.245	0.112
Sep			8.0	6.7	2.4	11.4	145	0.066	0.448
Oct		31	7.1	6.1	1.8	12.2	122	0.065	0.112
Nov		27	7.6	8.4	1.0	8.2	186	0.088	0.168
Dec		25	8.3	8.6	2.2	9.8	163	0.079	0.112
Minimum			7.1	5.6	0.8	4.1	122.0	0.059	0.1
Maximum			8.4	9.3	2.4	15.7	261.0	0.463	1.9
Average			8.0	7.4	1.5	10.9	185.6	0.185	0.5

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
Jan		18	8.3	7.8	1.2	6.1	192	0.461	0.616
Feb		25	7.9	9.3	0.6	7.9	215	0.321	0.504
Mar		31	8.2	7.8	1.4	10.8	256	0.575	1.23
Apr		28	8.1	7.4	1.8	16	245	0.151	1.680
May		33	8.4	8.7	1.1	11.2	171	0.136	0.392
June		26	8.0	8.6	1.2	8.5	201	1.173	0.504
July		22	8.0	6.4	1.3	12.2	203	0.584	0.336
Aug		26	8.0	6.3	0.8	8.1	209	0.129	0.448
Sep		23	7.9	6.3	1.5	11	153	0.320	0.112
Oct		26	8.0	7.8	1.6	10.6	189.4	3.564	0.056
Nov		27	7.7	8.4	1.3	8.2	193	0.198	0.112
Dec			7.8	8.9	1.6	7.7	192	0.208	0.056

Minimum		7.7	6.3	0.6	6.1	153.0	0.129	0.1
Maximum		8.4	9.3	1.8	16.0	245.0	3.564	1.7
Average		8.0	7.8	1.3	9.8	196.6	0.652	0.5

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
Jan		24	8.0	8.4	1.4	8.1	193	0.1	0.504
Feb		29	8.2	9.5	1.3	11.8	215	0.496	0.784
Mar		30	8.1	8.3	1.0	14.4	255	0.127	1.23
Apr		28	7.4	6	1	8.1	245	0.521	1.568
May		30	8.2	8.3	1.4	12.1	234	0.139	0.728
June		26	7.5	8.4	1.4	10.2	196	0.428	0.280
July		30	7.8	6.4	1.6	12.24	225	0.706	0.224
Aug		30	8.2	5.9	2.9	20.2	196	0.693	0.448
Sept		29	8.2	6.4	1.2	8.8	185	0.347	0.112
Oct		32	8.2	7.5	1.5	7.6	142.4	0.222	0.056
Nov		24	8.4	8.5	1.0	12.2	179	0.149	0.168
Dec		20	7.8	8.0	1.2	11.5	161	0.137	0.224
Minimum			7.4	5.9	1.0	8	142.40	0.100	0
Maximum			8.4	9.5	2.9	20	245.00	0.706	2
Average			8.0	7.6	1.4	11	197.30	0.339	1

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
Jan		27	8.5	8.6	1.4	8.1	177	0.328	1.568
Feb		29	8.1	9.1	1.1	11.4	251	0.279	0.672
Mar		32	8.2	8.5	1.3	10.4	232	0.147	1.008
Apr		30	8.3	6.9	1.3	12.1	304	1.355	1.008
May		32	8.2	8.7	1.8	12	212	0.712	0.896
June		26	8.0	10.5	1.2	6.8	161	0.141	0.224
July		30	8.1	6.8	1.2	14.28	222	0.738	0.448
Aug		29	7.9	5.2	2.4	16.2	191	0.612	0.672
Sept		30	7.1	6.6	1.0	9.6	159	0.496	0.112
Oct		32	7.8	9	1.4	7.6	142	0.006	0.056
Nov		25	8.4	8.5	1.6	10.2	170	0.189	0.112

Dec		20	8.0	8.2	0.7	7.7	155	0.115	0.280
Minimum			7.1	5.2	0.7	7	142.00	0.006	0
Maximum			8.5	10.5	2.4	16	304.00	1.355	2
Average			8.0	8.0	1.4	11	194.89	0.426	1

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
Jan		25	7.8	8.0	2.1	12.1	184	0.285	0.728
Feb		31	8.1	8.3	2.6	25.8	211	0.344	0.672
Mar		33	8.3	8.1	2.1	18.2	261	0.149	0.84
Apr		34	8.4	6.3	2.2	18.1	295	0.166	0.224
May		32	8.0	8.4	2.8	18.2	222	0.432	0.728
June		28	8.2	7.1	3.0	21.8	162	0.304	0.504
July		34	7.8	6.0	2.7	24.3	222	0.726	0.336
Aug		29	8.2	6.4	3.6	22.1	192	3.277	0.448
Sept		29	7.5	6.2	1.8	15.4	141	0.883	0.224
Oct		33	8.1	7.9	2.1	17.1	142	0.193	0.224
Nov		28	8.1	7.1	2.0	22.4	170	0.053	0.112
Dec		21	8.1	8.4	2.2	20.7	163	0.169	0.056
Minimum			7.5	6.0	1.8	12	141.00	0.053	0
Maximum			8.4	8.4	3.6	26	295.00	3.277	1
Average			8.0	7.3	2.5	20	191.23	0.582	0

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
Jan		24	8.1	8.5	1.7	10.1	196	0.274	0.672
Feb		30	8.2	8.3	1.9	15.8	263	0.257	0.504
Mar		32	8.2	7.1	1.6	11.2	248	0.806	1.12
Apr		34	8.4	6.8	1.8	16.1	261	0.249	0.112
May		33	7.8	8.3	2.1	12.4	240	0.191	0.616
June		29	8.0	2.8	2.5	18.5	157	0.172	0.504
July		32	7.8	7.0	1.8	8.2	222	0.831	0.224
Aug		29	8.4	6.7	2.8	16.2	195	0.588	0.672
Sep		28	8.0	5.3	2.4	19.2	135	0.391	0.224
Oct		33	8.0	8	1.8	10.6	141	0.071	0.112

Nov		28	8.4	7.0	1.5	10.2	171	0.052	0.112
Dec		21	8.4	8.4	1.0	11.5	154	0.123	0.056
Minimum			7.8	2.8	1.0	8.2	135.0	0.052	0.1
Maximum			8.4	8.5	2.8	19.2	263.0	0.831	1.1
Average			8.1	7.0	1.9	13.5	194.1	0.334	0.4

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
Jan		22	7.9	6.8	3.7	18.1	178	0.306	0.728
Feb		28	8.2	8.8	3.6	33.9	241.1	0.051	0.728
Mar		29	8.2	7.8	3.1	20.8	286	0.136	0.952
Apr		29	8.2	6.1	2.8	22.1	225	0.119	0.448
May		30	8.3	7.3	3.9	23.2	227	0.056	0.560
June		27	8.2	9.0	3.5	22.5	165	0.313	0.672
July		26	8.2	6.0	2.8	24.3	220	0.623	0.336
Aug		30	7.8	6.8	3.7	22.1	201	1.072	0.336
Sept		27	7.6	6.0	2.4	17.7	131	3.196	0.78
Oct		33	8.0	7.9	2.4	11.4	193.9	0.247	0.448
Nov		29	7.8	7.4	2.8	26.2	186	0.251	0.112
Dec			8.2	8.8	2.9	27.7	162	0.082	0.336
Minimum			7.6	6.0	2.4	11	131.00	0.051	0.112
Maximum			8.3	9.0	3.9	34	241.10	3.196	0.952
Average			8.0	7.4	3.1	23	193.65	0.538	0.536

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
Jan		23	7.8	7.8	2.8	10.1	184	0.849	0.392
Feb		25	8.0	8	2	20.8	226	0.056	0.67
Mar		32	7.7	7.6	1.9	10.8	229	0.73	1.68
Apr		32	7.8	7.7	2.6	23.7	256	7.048	0.168
May		35	7.3	5.3	2.6	16.3	234	0.428	0.560
June		34	7.8	5.5	2.0	7.4	194	0.436	0.616
July		31	8.1	6.7	2.1	18.4	207	0.879	0.560
Aug		29	7.1	5.8	2.6	14.0	167	0.222	0.448
Sept		30	7.4	7.0	1.6	8.4	184.5	1.661	0.112

Oct		27	7.4	6.3	1.8	14	177.1	0.827	0.112
Nov		28	8.2	8.8	1.8	18.4	176	0.604	0.336
Dec		23	7.9	7.8	1.6	11.7	194	1.757	0.056
Minimum			7.1	5.3	1.6	7	166.70	0.056	0
Maximum			8.2	8.8	2.8	24	256.00	7.048	2
Average			7.7	7.0	2.1	15	199.85	1.291	0

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
Jan		26	7.3	6.4	5	20.1	307	6.371	0.784
Feb		26	7.3	7.9	3.2	29.7	348	7.465	0.336
Mar		32	7.8	5.2	3.9	24.6	311	6.671	0.728
Apr		34	7.4	6.8	4.2	25.7	287	4.215	0.560
May		35	7.7	6.5	5.4	25.1	273	2.128	0.728
June		34	7.1	5.7	6.5	34.9	265	3.045	0.616
July		30	7.5	5.3	5.9	26.8	192	0.400	0.560
Aug		30	7.5	6.6	3.2	16.0	189	0.064	0.336
Sept		29	8.0	6.6	2.2	15.4	156.4	0.524	0.224
Oct		26	7.8	5.7	2.8	19	188.8	0.062	0.448
Nov		29	7.5	6.4	2.4	18.4	221	1.904	0.504
Dec		27	7.7	7.8	3.5	17.5	292	2.856	0.056
Minimum			7.1	5.3	2.2	15	156.40	0.062	0
Maximum			8.0	7.9	6.5	35	348.00	7.465	1
Average			7.5	6.5	4.0	23	247.21	2.975	0

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
Jan		26	7.7	7.2	4.3	18.1	314	5.88	0.336
Feb		26	7.4	8	2.2	18.8	341	6.507	0.28
Mar		32	7.6	5.4	3.0	21	365	5.181	0.448
Apr		34	7.3	6.3	4	21.8	281	1.850	0.168
May		36	7.8	5.1	4.8	21.3	272	0.283	0.728
June		34	8.2	6.5	4.2	31.2	233	1.356	0.952
July		29	7.2	6.6	4.8	21.8	204	0.228	0.560
Aug		30	7.3	5.2	1.2	12.0	191	0.605	0.336

Oct		25	7.8	5.5	1.6	10.5	175.3	0.058	0.224
Nov		29	7.8	7.2	3.8	34.3	206	1.441	0.672
Dec		26	7.4	11.0	3.0	17.5	274	5.444	0.336
Minimum			7.2	5.1	1.2	10.5	175.3	0.058	0.2
Maximum			8.2	11.0	4.8	34.3	341.0	6.507	1.0
Average			7.6	6.9	3.4	20.7	249.1	2.621	0.5

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
Jan		23	7.6	6.0	1.3	6.8	183	1.672	1.12
Feb		27	8.2	9.5	2.4	8.6	233	0.232	1.064
Mar		32	8.1	7.5	2.0	18	229	0.105	1.064
Apr		35	8.1	8.4	1	8	395	1.019	0.560
May		35	8.1	7.1	1.5	9.3	206	0.403	0.336
June		30	8.3	6.1	1.2	8.5	214	0.193	0.224
July		25	7.6	6.3	2.3	8.2	226	0.940	0.448
Aug		26	8.0	6.0	1.5	14.2	169	0.291	0.336
Sep		29	8.1	6.8	1.9	7.6	163	1.567	0.112
Oct		24	7.8	7.9	2.2	10.5	208	0.526	0.112
Nov		28	8.1	8.9	1.8	6.1	182	0.186	0.224
Dec			7.6	7.3	1.0	21.4	182	0.382	0.056
Minimum			7.6	6.0	1.0	6.1	163.0	0.105	0.1
Maximum			8.3	9.5	2.4	21.4	395.0	1.672	1.1
Average			7.9	7.3	1.6	9.9	214.7	0.626	0.5

Paradeep U/S at Bhutmundai

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	2011	25	7.6	9.4	2.1	10	3670	0.343	0.448
February		28	8.2	8.7	1.8	7.6	5409	0.473	1.064
Apr		32	8.3	7	1	8	1384	0.821	0.784
May		36	7.9	7.2	0.8	11.2	4212	0.638	0.784
June		28	8.0	7.4	1.1	10.3	388	0.302	0.336
July		27	7.8	6.8	1.2	8.2	204	0.901	0.560
Aug		26	8.4	6.4	0.8	12.1	204	3.171	0.112

Sep		29	8.3	6.5	1.1	11.4	166	0.605	0.112
Oct			7.9	7.6	1.4	10.5	171	0.669	0.112
Nov		25	8.4	7.4	0.6	6.1	209	0.198	0.112
Dec			7.9	8.8	1.8	15.4	227	0.341	0.056
Minimum			7.6	6.4	0.6	6.1	166.0	0.198	0.1
Maximum			8.4	9.4	2.1	15.4	5409.0	3.171	1.1
Average			8.0	7.6	1.2	10.1	1476.7	0.769	0.4

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	2011	24	8.1	7.3	2.3	28.1	39670	0.55	0.392
February		29	8.1	6.4	2	45.4	31240	3.872	0.616
March		29	7.9	7.0	2.7	28.6	34640	1.288	0.504
April		34	7.9	6.8	1.7	20	24210	3.737	1.792
May		35	8.2	6.1	1.5	13.2	38050	0.566	0.448
June		31	8.0	7.1	1.3	25.7	22320	0.557	0.784
July		26	7.8	6.2	2.3	10.2	12750	2.430	0.336
Aug		26	8.1	6.0	1.7	25.2	19320	1.218	0.224
Sep		28	8.3	6.2	0.7	8.8	17850	0.277	0.448
Oct			7.7	7.3	2.8	21.9	10050	1.020	0.392
Nov		25	8.0	7.9	2.8	20.4	12140	0.238	0.28
Dec			7.8	7.3	3.0	25.6	28140	1.055	0.056
Minimum			7.7	6.0	0.7	9	10050	0.238	0
Maximum			8.3	7.9	3.0	45	39670	3.872	2
Average			8.0	6.8	2.0	22	23249	1.401	1

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
Jan		20	8.1	9.6	1.2	6	257	0.04	0.56
Feb		29	8.0	8.6	2	11.3	220	0.808	0.672
Mar		32	7.8	7.6	1.1	6.8	300	0.353	1.12
Apr		23	7.6	6.4	1.6	9.8	269	0.118	0.560
May		32	7.6	6.1	1.9	18.5	161	0.230	0.840
June		27	8.2	7.1	1.6	11.9	154	0.265	1.120
July		29	7.4	6.8	2	15.7	146	0.377	0.672

Aug		29	8.3	7.5	2.3	19.2	172	2.597	0.112
Sep		24	8.2	6.5	2.0	12.9	152	0.569	0.112
Oct		28	8.0	7.1	1.6	8.7	182	0.268	0.056
Nov		27	8.1	8.8	1.6	8.2	202	0.215	0.28
Dec			8.1	9.9	1.5	7.7	191	0.129	0.224
Minimum			7.4	6.1	1.2	6.0	145.7	0.040	0.1
Maximum			8.3	9.9	2.3	19.2	269.0	2.597	1.1
Average			8.0	7.7	1.8	11.8	191.4	0.497	0.5

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
Jan		27	8.1	8.6	1.1	8	188	0.229	0.896
Feb		29	8.1	9.6	1.9	15.8	181	0.257	0.56
Mar		32	8.0	8.9	1.5	10.8	248	1.45	0.67
Apr		30	8.3	6.7	1.9	13.1	293	0.112	1.008
May		32	8.4	8.8	1.6	13.2	182	0.468	0.616
June		26	7.6	9.3	4.1	26.2	143	0.031	0.224
July		30	8.1	6.7	1.9	8.2	214	0.710	0.224
Aug		29	8.1	6.5	1.8	12.2	188	0.294	0.672
Sep		30	7.9	6.5	1.2	8	182	0.560	0.112
Oct		32	8.1	7.7	1.2	8.3	133.6	0.143	0.056
Nov		24	8.4	7.9	1.5	8.2	172	0.092	0.224
Dec		20	7.9	9.1	1.7	7.7	152	0.072	0.112
Minimum			7.6	6.5	1.1	8	133.60	0.031	0
Maximum			8.4	9.6	4.1	26	293.00	1.450	1
Average			8.1	7.9	1.8	12	184.45	0.368	0

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
Jan		26	7.5	5.9	4.7	30.3	712	12.05	0.504
Feb		29	7.7	2.9	15	59.3	697.1	9.829	0.504
Mar		29	7.4	2.1	8.0	30	693	9.633	0.84
Apr		32	7.4	5	5	32.2	353	0.251	0.448

May	32	7.1	8.1	6.0	32.7	615	8.996	0.560
June	28	7.2	5.3	6.5	84.8	382	3.122	1.792
July	29	7.8	5.3	2.7	20.2	342	0.858	0.560
Aug	31	7.6	9.0	2.7	20.2	293	1.584	0.560
Sep	27	7.7	6.1	2.6	18.5	130	1.966	0.672
Oct	33	7.5	11.2	3.8	25.2	262	0.830	0.448
Nov	29	7.9	2.9	8.4	52.6	351	6.786	0.112
Dec		8.0	4.8	5.7	58.4	650	11.248	0.392
Minimum		7.1	2.9	2.6	18.5	130.0	0.251	0.1
Maximum		8.0	11.2	15.0	84.8	712.0	12.050	1.8
Average		7.6	6.0	5.7	39.5	435.2	5.596	0.6

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
Jan		22	7.62	7.6	3.3	16.2	201	0.055	0.392
Feb		28	8.18	7.9	2.6	27.9	223	0.360	1.232
Mar		28	8.2	6.5	2.0	16.8	264	0.672	0.952
Apr		29	7.8	6.7	2	18.1	220	0.215	0.784
May		30	8.2	7.3	2.4	18.1	238	0.196	1.232
June		27	8.1	8.7	3.3	20.2	178	0.328	0.764
July		29	7.4	6.8	1.4	8.16	265	0.600	0.784
Aug		29	8.2	6.8	2.6	8.1	194	0.442	0.448
Sep		26	7.5	5.7	1.6	8	143	2.098	0.168
Oct		32	8.2	8.1	1.6	11.4	144.5	0.094	0.112
Nov		28	8.2	7.5	2.0	18.2	181	0.213	0.112
Dec		19	8.4	9.9	1.3	7.7	170	0.203	0.224
Minimum			7.4	5.7	1.3	7.7	143.0	0.055	0.1
Maximum			8.4	9.9	3.3	27.9	265.0	2.098	1.2
Average			8.0	7.5	2.2	14.7	196.1	0.456	0.6

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
Jan		24	7.7	8.3	1.2	6.1	172	0.466	0.224
Feb		25	8.1	9.6	1.7	8.9	220	0.077	0.504

		32	8.1	8.2	2.2	12.2	219	0.187	1.34
Apr		32	7.8	9.2	2	15.7	248	0.148	0.336
May		34	8.2	9.8	2.4	16.3	239	0.202	0.504
June		34	7.4	9.1	2.0	7.4	194	1.085	0.336
July		31	7.8	8.5	1.9	10.7	174	0.173	0.560
Aug		29	7.8	10.0	2.0	6.0	190	0.362	0.336
Sep		30	7.7	7.1	1.8	8	128.5	0.524	0.112
Oct		27	8.0	7	1	7	159.1	0.012	0.112
Nov		28	8.1	9.0	2.0	12.0	174	0.114	0.224
Dec		23	8.0	10.3	1.6	7.8	174	0.040	0.056
Minimum			7.4	7.0	1.0	6	128.50	0.012	0
Maximum			8.2	10.3	2.4	16	248.00	1.085	1
Average			7.9	8.9	1.8	10	188.33	0.282	0

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
Jan		26	7.7	7.2	4.3	18.1	314	5.88	0.336
Feb		26	7.4	8	2.2	18.8	341	6.507	0.28
Mar		32	7.6	5.4	3.0	21	365	5.181	0.448
Apr		34	7.3	6.3	4	21.8	281	1.850	0.168
May		36	7.8	5.1	4.8	21.3	272	0.283	0.728
June		34	8.2	6.5	4.2	31.2	233	1.356	0.952
July		29	7.2	6.6	4.8	21.8	204	0.228	0.560
Aug		30	7.3	5.2	1.2	12.0	191	0.605	0.336
Oct		25	7.8	5.5	1.6	10.5	175.3	0.058	0.224
Nov		29	7.8	7.2	3.8	34.3	206	1.441	0.672
Dec		26	7.4	11.0	3.0	17.5	274	5.444	0.336
Minimum			7.2	5.1	1.2	10.5	175.3	0.1	0.2
Maximum			8.2	11.0	4.8	34.3	341.0	6.5	1.0
Average			7.6	6.9	3.4	20.7	249.1	2.6	0.5

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	
Jan	2011	25	7.1	2.7	8.6	36.2	360	7.476	0.448	
Feb		26	7.7	4.9	12.4	43.7	408	9.641	0.84	
Mar		32	7.6	4.3	4.7	38.8	443	9.342	0.616	
Apr		32	7.3	4.2	8.6	49.6	338	2.021	0.896	
May		34	7.4	5.7	18.1	57	334	2.940	0.560	
June		33	7.4	4.5	9.6	44.2	306	5.866	0.728	
July		29	7.1	3.1	8.8	38.5	231	3.333	0.784	
Aug		29	7.3	3.9	5.5	26.0	209	0.470	0.448	
Sep										
Oct				8	4.5	2.6		258.3	0.600	0.56
Nov				6.6	3.7	6.7	32.4	305	6.195	0.25
Dec			27	8.3	3.5	15.4	61.4	310	9.206	0.112
Minimum			6.6	2.7	2.6	26	209.00	0.47	0	
Maximum			8.0	5.7	18.1	57	408.00	9.64	1	
Average			7.3	4.1	9.0	41	305.53	4.79	1	

Mahanadi 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
Minimum			0.0	0.0	0.0	0	0.00	0.00	0
Maximum			0.0	0.0	0.0	0	0.00	0.00	0
Average			#####	#####	#####	#####	#DIV/0!	#DIV/0!	#DIV/0!

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
Minimum			0.0	0.0	0.0	0	0.00	0.00	0
Maximum			0.0	0.0	0.0	0	0.00	0.00	0
Average			#####	#####	#####	#####	#DIV/0!	#DIV/0!	#DIV/0!

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	Hardnes s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
940	460	--	--	--	ND	76	ND	60	36	24
1100	700				0.003	72	ND	48	40	8
840	330				0.003	80	ND	72	36	36
1200	320	--	--	--	ND	72	4	56	24	32
700	220				0.002	72	ND	54	36	18
1300	790				0.038	26	ND	36	10	26
940	310				0.010	26	0	22	16	6
17000	790				0.019	32	0	38	28	10
2100	1700				0.006	46	ND	58	36	22
1700	700				ND	48	ND	30	16	14
140	68				ND	60	0	40	24	16
2200	1100				ND	64	ND	54	34	20
140	68	0.0	0	0	0.00	26.00	0	22	--	6.0
17000	1700	0	0	0	0.04	76.00	4	60	--	36
2513	624	#####	#####	#####	0.01	54.00	1	45	--	19.3

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
2100	1100	--	--	--	ND	72	4	56	40	16
1500	940				0.004	76	ND	58	48	10
1700	790				0.005	84	ND	66	32	34
1700	940	--	--	--	0.002	78	ND	60	32	28
1100	700				0.011	80	ND	56	38	18
2800	1700				0.005	48	ND	30	24	6
7900	3300				0.059	36	0	24	16	8
4700	2100				0.009	34	2	44	28	16
17000	13000				0.007	42	ND	56	36	20
3500	1500	6	0.31	C	0.003	48	ND	38	14	24
220	130				ND	64	0	42	26	16
5400	2200				0.001	68	ND	52	38	14
220	130	6	0.31							
17000	13000	6	0.31							

4135	2367	6	0							
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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
940	330	--	--	--	ND	80	ND	72	32	40
1200	700				0.005	84	ND	64	44	20
1400	630				0.008	76	ND	56	44	12
790	130	--	--	--	0.003	80	2	60	32	28
840	260				0.010	72	ND	60	42	18
1500	840				0.003	54	ND	36	28	8
1700	790				0.089	32	0	26	16	10
2800	1400				0.011	36	0	34	18	16
2400	1300				0.005	50	ND	58	38	20
2100	1100	6.8	0.78	B	0.002	50	ND	42	20	22
700	110				ND	64	2	46	28	18
1400	940				0.002	68	ND	62	40	22
700	110.0	6.80		0.0						
2800	1400	6.80		0.0						
1481	710.8	6.8								

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				ND	80	ND	52	40	12
1500	940				0.004	86	ND	74	48	26
1700	700				0.002	92	ND	64	40	24
1400	700	5.3	0.7	C	0.003	80	2	60	32	28
2400	1300				0.015	88	ND	88	64	24
4700	1700				0.002	46	ND	34	24	10
6300	3100				0.139	26	0	24	16	8
3900	1700				0.010	40	0	36	20	16
2800	1400				0.005	48	ND	56	40	16
3500	1400	6	0.59	C	ND	34	ND	30	16	14
790	110				ND	64	8	48	28	20
2800	1700				0.004	72	ND	54	30	24
790	110.0	5.3	0.6							
6300	3100.0	6.0	0.7							
2774	1287.5	5.7	0.6							

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
630	170	--	--	--	ND	100	ND	92	52	40
700	230				0.004	92	ND	102	76	26
630	170				0.001	104	8	102	64	38
470	170	--	--	--	ND	84	ND	80	40	40
700	490				0.020	76	ND	88	48	40
1100	330				0.024	80	ND	70	54	16
470	170				0.034	36	0	58	34	24
470	130				0.005	56	0	66	42	24
1400	790				0.006	38	ND	42	24	18
840	430	--	--	--	ND	96	ND	94	62	32
790	270				ND	78	0	82	48	34
470	210				0.001	76	ND	66	40	26
470	130.0	0		0.0						
1400	790.0	0		0.0						
723	296.7	#####		#####						

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
1400	940	--	--	--	ND	84	ND	72	48	24
1200	700				ND	68	ND	76	50	26
1500	940				0.002	84	ND	84	68	16
940	330	--	--	--	ND	92	8	76	54	32
2200	1100				0.002	96	ND	88	48	40
1700	940				0.001	82	ND	78	52	26
1500	840				0.050	74	0	68	46	22
4300	1400				0.007	58	0	66	44	22
2200	1400				0.006	42	ND	52	36	16
1100	790	--	--	--	0.004	64	ND	68	42	26
2200	1300				0.006	64	4	54	36	18
3500	1500				0.003	66	ND	44	30	14
940.0	330.0	--	--	0						
4300.0	1500.0	--	--	0						

1978.3	1015.0	--	--	#####						
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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
1700	940	--	--	--	ND	84	ND	72	48	24
1200	700				0.004	88	ND	84	56	28
840	310				0.003	92	8	88	40	48
1700	940	--	--	--	0.003	106	ND	108	60	48
1100	490				0.004	92	ND	96	60	36
1500	630				0.002	82	6	80	64	16
2100	790				0.000	76	0	72	44	28
3300	1700				0.031	58	0	48	30	18
9200	5400				0.027	46	ND	52	30	22
4300	2800	5.1	0.37	C	0.003	52	ND	50	30	20
840	310				ND	62	2	62	36	26
1700	940				0.002	66	ND	44	28	16
840	310	--	--	0						
9200	5400	--	--	0						
2457	1329	--	--	#####						

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			--	ND	108	ND	96	72	24
54000	24000				0.003	80	ND	96	60	36
35000	22000				0.004	140	ND	116	60	56
35000	13000	5.8	0.5	C	0.002	84	ND	88	54	34
43000	28000				0.003	104	ND	90	60	30
54000	24000				0.002	98	2	92	68	24
35000	24000				0.000	78	0	74	48	26
22000	11000				0.029	70	0	58	38	20
160000	92000				0.025	38	ND	42	24	18
54000	35000	5.42	0.7	C	0.004	64	ND	60	38	22
22000	13000				ND	66	2	44	32	12
54000	35000				0.003	72	ND	62	40	22
4300	2100.0	5.4	0.5							
160000	92000.0	5.8	0.7							
47692	26925	5.6	0.6							

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
2100	1200	--	--	--	ND	92	8	88	56	32
1300	790				0.004	100	ND	104	64	40
940	310				0.003	88	ND	88	72	16
840	140	--	--	--	ND	98	6	104	62	42
700	330				0.006	76	ND	68	58	10
26000	13000				0.003	84	ND	76	54	22
14000	11000				0.010	54	0	58	30	28
4900	2300				0.029	52	0	58	38	20
2200	1400				0.017	48	ND	46	32	14
1400	940	--	--	--	0.003	58	ND	60	34	26
4000	3300				ND	62	4	50	34	16
4300	3500				0.002	72	4	52	36	16
700.0	140.0	0.0		0.0						
26000.0	13000.0	0.0		0.0						
5223.3	3184.2	#####		#####						

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	--	--	--	ND	80	12	72	48	24
17000	9400				0.001	96	ND	104	68	36
15000	9400				0.005	116	ND	100	92	8
22000	11000	--	--	--	0.002	112	ND	96	62	34
7900	3300				0.004	112	ND	90	58	32
28000	17000				0.004	54	ND	52	38	14
21000	13000				0.000	64	0	66	42	24
12000	7000				0.039	72	4	74	42	32
92000	35000				0.037	50	ND	56	38	18
43000	28000	--	--	--	0.002	68	ND	62	38	24
4700	3300				ND	72	2	62	40	22
43000	22000				0.004	74	ND	62	42	20
1500.0	940.0	0.0	0.0	0.0						
92000.0	35000.0	0.0		0.0						

25592	13278.3	#####		#####						
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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
80	20	--	--	--	ND	88	ND	72	52	20
110	45				ND	80	ND	84	58	26
45	20				0.003	96	ND	88	60	28
630	130	--	--	--	ND	88	ND	92	56	36
<2	<2				0.002	96	ND	76	32	46
400	140				0.002	88	8	78	64	14
310	110				0.000	78	0	68	52	16
210	110				0.009	66	0	72	46	26
580	230				0.008	42	ND	50	36	14
110	78	--	--	--	0.007	64	ND	62	42	20
210	80				0.004	56	2	48	30	18
430	130				0.002	62	ND	60	42	18
45.0	20.0	0.0		0.0						
630.0	230.0	0.0		0.0						
283.2	99.4	#####		#####						

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
230	130	--	--	--	ND	92	ND	88	48	40
310	80				0.003	80	ND	76	56	20
490	140				0.003	68	ND	82	54	28
1100	700	--	--	--	0.002	90	ND	80	50	30
1700	940				0.008	88	ND	80	14	66
1100	630				0.001	84	12	78	70	8
1700	780				0.000	72	0	72	52	20
470	130				0.030	80	2	82	48	34
940	320				0.027	54	ND	62	40	22
250	110	--	--	--	0.005	42	ND	36	20	16
790	490				0.002	58	4	56	38	18
1100	490				0.003	62	ND	64	44	20
230.0	80.0	0.0		0.0						

1700.0	940.0	0.0		0.0						
848.3	411.7	#####		#####						

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
1400	790	--	--	--	ND	80	ND	80	52	28
1700	790				0.007	92	ND	96	60	36
1300	790				0.003	84	ND	96	56	40
840	230	--	--	--	ND	90	6	84	48	36
1700	1100				0.001	92	ND	74	54	20
630	230				0.002	88	8	82	58	24
790	270				0.005	98	0	74	64	10
1700	790				0.007	62	2	68	38	30
3500	1700				0.004	76	ND	80	58	22
1500	580	--	--	--	0.003	56	ND	58	38	20
940	460				0.004	66	2	60	34	26
4300	2100				0.002	68	ND	64	44	20
630.0	230.0	--	--	0						
4300.0	2100.0	--	--	0						
1691.7	819.2	--	--	#####						

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	--	--	--	ND	92	ND	100	64	36
2200	1100				0.001	136	ND	112	84	28
2400	1300				0.003	108	ND	84	60	24
1500	940	--	--	--	ND	100	8	100	58	42
2100	1700				ND	84	ND	80	52	28
2400	1300				0.002	94	10	82	56	26
2200	1300				0.000	100	0	74	60	14
3500	1400				0.005	76	4	78	56	22
9200	2800				0.005	74	ND	82	64	18
2800	1400	--	--	--	0.001	80	ND	78	54	24
1100	700				0.006	70	2	66	48	18

1500	940				0.001	76	8	76	60	16
1100.0	700.0	--	--	0						
9200.0	2800.0	--	--	0						
2716.7	1331.7	--	--	#####						

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	--	--	--	ND	84	4	84	56	28
1200	580				ND	84	ND	92	64	28
1700	790				0.006	84	ND	88	56	32
940	460	--	--	--	0.002	90	6	88	50	38
2100	1100				0.002	76	ND	78	52	26
3500	1300				0.002	76	ND	64	48	16
4600	2300				0.007	62	0	56	24	32
7900	2300				0.014	70	2	60	44	16
8400	4300				0.011	52	ND	58	42	16
2200	1300	--	--	--	0.005	56	ND	52	36	16
1700	1100				0.004	76	0	76	56	20
3500	2100				0.002	76	ND	52	38	14
940.0	460.0	--	--							
8400.0	4300.0	--	--							
3345.0	1577.5	--	--							

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
940	260	--	--	--	ND	84	16	80	28	52
790	260				N	88	ND	84	52	32
1100	220				0.002	104	ND	88	56	32
2100	1500	--	--	--	ND	104	4	100	60	40
1100	700				0.001	80	ND	76	56	20
1100	790				ND	70	ND	70	60	10
2100	1100				0.009	72	0	64	44	20
1700	700				0.012	64	0	62	42	20
2800	1100				0.006	58	ND	60	48	12
1500	940	--	--	--	0.014	64	ND	58	36	22
1700	790				ND	78	0	84	58	26
1700	790				0.002	74	ND	64	44	20

790.0	220.0	--	--							
2800.0	1500.0	--	--							
1553	762.5	--	--							

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
3500	1700	--	--	--	ND	88	ND	80	52	28
630	170				0.000	96	ND	76	50	26
1400	790				0.001	88	ND	80	44	36
1700	940	--	--	--	0.001	116	ND	98	72	26
1500	840				0.001	96	ND	88	60	28
1400	700				0.006	72	ND	54	36	18
3100	1700				0.024	76	0	70	46	24
2300	1300				0.039	62	0	50	32	18
2800	2200				0.010	62	ND	66	44	22
450	78	--	--	--	0.005	68	ND	64	46	18
1100	700				0	68	2	68	46	22
1200	580				ND	74	6	68	46	22
450	78.0	0.0		0.0						
3500	2200.0	0.0		0.0						
1757	975	#####		#####						

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
940	260				ND	80	16	76	44	32
330	140				0.000	80	ND	72	42	30
1400	940				0.002	88	4	80	44	36
630	210	6.2	0.52	B	0.707	120	8	90	66	24
940	230				ND	72	ND	72	44	28
1500	580				0.005	70	4	64	48	16
1300	230				0.025	74	0	66	44	22
1100	790				0.007	68	0	58	42	26
1700	1400				0.013	52	ND	40	28	12
940	230	5.2	0.54	C	0.004	74	ND	66	44	22
840	260				0.002	62	4	66	32	34

840	430				0.002	78	6	76	52	24
330	140.0	5.2	0.5							
1700	1400.0	6.2	0.5							
1038	475	5.7	0.5							

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
21000	9400	5.6	0.41	C	ND	84	ND	84	48	36
2200	1100				0.000	88	ND	84	54	30
7900	2200				ND	92	12	92	64	28
17000	3300	5.1	0.3	C	0.003	128	8	114	70	44
21000	11000				ND	94	ND	92	60	32
92000	54000				ND	68	4	64	46	18
160000	160000				0.028	74	0	74	48	26
17000	7900				0.024	68	2	64	38	26
15000	9400				0.018	48	ND	40	30	10
28000	17000	5	0.17	D	0.006	60	ND	58	38	20
12000	8400				0.004	68	0	52	32	20
35000	22000				0.003	74	6	56	34	22
2200	1100.0	5.0	0.2							
160000	160000.0	5.6	0.4							
35675	25475	5.2	0.3							

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
3500	1300	--	--	--	ND	88	4	84	52	32
1100	460				0.000	92	ND	80	50	30
1400	460				0.003	92	12	80	48	32
3500	1700	--	--	--	0.005	104	12	98	56	42
2400	1400				0.001	92	ND	92	56	36
35000	22000				0.019	80	4	68	52	16
92000	92000				0.032	76	0	68	46	22
8400	4300				0.030	66	6	58	30	28
9400	4600				0.012	50	ND	48	36	12
15000	9400	--	--	--	0.006	56	ND	62	38	24

3500	2200				0.003	72	2	54	36	18
3900	2600				0.002	76	12	64	40	24
1100.0	460.0	0.0		0.0						
92000.0	92000.0	0.0		0.0						
14925.0	11868.3	#####		#####						

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
43000	35000	4.6	0.31	C	ND	84	ND	76	60	16
92000	35000				0.000	84	ND	92	52	40
43000	28000				0.003	100	ND	96	64	32
92000	35000	4.6	0.5	C	0.007	94	ND	94	52	42
54000	24000				ND	96	ND	92	56	36
43000	35000				ND	70	4	64	46	18
160000	160000				0.024	72	4	66	48	18
63000	33000				0.004	68	0	60	34	26
22000	14000				0.003	58	ND	60	36	24
35000	24000	5	0.3	C	0.006	58	ND	62	36	26
92000	54000				0.001	68	0	54	32	22
54000	35000				0.003	70	ND	54	36	18
22000	14000.0	4.6	0.3							
160000	160000.0	5.0	0.5							
66083	42667	4.7	0.4							

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
3500	2200	6.2	0.62	B	ND	80	ND	64	40	24
1700	790				0.000	80	ND	80	40	40
16000	3500				0.004	88	ND	100	60	40
3500	200	6.6	0.5	B	0.001	90	ND	80	48	32
2200	1400				ND	88	ND	88	56	32
2800	1700				ND	92	ND	72	50	22
7000	3100				0.002	84	6	80	48	32
17000	11000				0.001	50	0	46	28	18
7900	3300				0.014	52	ND	64	36	28

2900	1300	5.1	0.45	C	0.001	52	ND	50	38	12
4300	2100				0.008	60	0	56	32	24
7900	4900				0.005	64	ND	68	46	22
1700	200	5.1	0.5							
17000	11000	6.6	0.6							
6392	2958	6.0	0.5							

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
9400	4600	5	0.31	C	ND	84	ND	76	64	12
54000	35000				0.000	68	ND	84	54	30
22000	13000				0.004	96	ND	96	64	32
14000	11000	5.6	0.6	C	0.008	96	ND	88	60	28
17000	7900				0.001	102	ND	100	68	32
7900	4900				ND	96	ND	76	54	22
92000	54000				0.001	72	2	52	28	24
54000	35000				ND	56	0	48	18	30
12000	9400				0.005	52	ND	64	36	28
15000	9400	4.75	0.64	C	ND	80	ND	74	48	26
13000	4900				0.025	62	0	74	52	22
13000	7900				0.004	80	ND	78	50	28
7900	4600	4.8	0.3							
92000	54000	5.6	0.6							
26942	16417	5.1	0.5							

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
7000	2300	--	--	--	ND	76	ND	84	62	12
35000	24000				0.002	80	ND	84	56	28
11000	2600				0.011	84	ND	104	64	40
9400	7000	--	--	--	0.023	98	ND	84	60	24
6300	3100				0.001	104	ND	100	52	48
3300	2300				ND	98	ND	80	50	38
54000	35000				0.003	66	0	48	20	28
4600	3100				0.004	52	0	46	22	24

7000	3300	--	--	--	0.001	44	ND	60	22	38
7000	3300				0.025	64	0	54	38	16
9400	7000				0.003	72	ND	68	44	24
3300.0	2300.0	--	--	0.0						
54000.0	35000.0	--	--	0.0						
14000.0	8455	--	--	#####						

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
1400	700	5.5	0.66	C	ND	88	ND	72	20	52
940	330				0.005	92	ND	80	56	24
1700	940				0.002	92	ND	92	68	34
2400	1300	6	0.44	C	ND	92	ND	84	60	24
16000	3500				0.003	92	ND	72	64	8
1700	1100				0.006	70	6	66	44	22
2100	1100				0.044	76	0	72	56	16
2800	1100				0.003	66	0	70	42	28
12000	6300				0.003	60	ND	64	46	18
4700	2700				0.001	60	ND	62	48	14
2600	1300				0.01	66	4	80	48	32
17000	13000				0.001	68	ND	56	38	18
940.0	330.0	5.5	0.4							
17000.0	13000.0	6.0	0.7							
5445.0	2780.8	5.8	0.6							

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	--	--	--	0.010	88	ND	700	584	116
1500	700				0.003	92	ND	750	150	600
2200	1100	--	--	--	ND	104	8	500	300	200
3500	1700				0.001	56	ND	1000	200	800
3300	1700				0.011	70	ND	84	52	32
2100	1300				0.001	74	0	66	48	18
4300	2100				0.019	70	2	66	36	30

7000	3100				0.004	50	ND	54	34	20
3500	1300	--	--	--	ND	58	ND	60	28	32
2200	1100				0.008	72	6	72	40	32
3300	2300				ND	48	ND	66	44	22
1500.0	700.0	--	--	0.0						
7000.0	3100.0	--	--	0.0						
3209.1	1562.7	--	--	#####						

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
250	80	--	--	--	ND	112	4	5100	3700	1400
220	80				0.000	116	ND	3400	640	2760
1400	450				0.005	112	ND	5200	1100	4100
940	230	--	--	--	ND	72	ND	3400	800	2600
3900	1300				0.003	116	ND	6600	800	5800
1400	780				0.002	80	16	2500	1200	1300
1700	1100				0.009	80	0	2800	1200	1600
54000	13000				0.005	82	0	2600	1100	1500
2700	1300				0.002	116	ND	2520	640	1880
3300	2300	--	--	--	0.007	106	ND	2400	800	1600
2700	1400				0.007	74	6	2400	800	1600
1400	700				0.003	102	ND	4200	1700	2500
220	80	--	--							
54000	13000	--	--							
6159	1893	--	--							

TC, MPN/100 ml	FC, MPN/100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	Hardness CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l
840	230	--	--	--	ND	92	4	82	56	26
1100	700				0.001	96	ND	80	56	24
1500	840				0.005	120	ND	104	92	12
1200	700	--	--	--	ND	120	ND	96	64	32
1400	790				0.001	66	ND	54	38	16
1700	840				0.007	50	ND	40	24	16
1100	700				0.125	62	0	60	44	16

2200	1300				0.024	70	4	76	46	30
1300	790				0.008	82	2	76	48	28
1400	940	--	--	--	0.003	78	ND	70	50	20
1700	790				0.007	66	2	60	32	28
2400	790				0.013	92	8	88	52	36
840.0	230.0	--	--	0.0						
2400.0	1300.0	--	--	0.0						
1486.7	784.2	--	--	#####						

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
630	210				ND	80	4	64	44	20
390	110				0.000	64	ND	68	40	28
1700	700				0.004	88	2	92	44	48
1100	490	6.2	0.72	B	0.022	96	8	86	50	36
1300	490				0.001	68	ND	68	36	32
1700	790				ND	66	2	70	44	26
1700	940				0.024	70	0	66	46	20
1400	940				0.022	60	0	62	44	18
1700	1200				0.026	62	ND	66	44	22
700	220	5	0.39	C	0.005	60	ND	68	46	22
940	310				0	70	0	62	38	24
1400	460				0.004	74	6	82	58	24
390	110	--	--	0.0						
1700	1200	--	--	0.0						
1222	572	--	--	#####						

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
12000	7000	--	--	--	ND	144	ND	176	124	52
28000	11000				0.000	188	ND	164	100	64
35000	13000				0.004	144	ND	186-	128	58
28000	17000	--	--	--	0.004	104	ND	88	52	36

35000	22000				0.002	160	ND	148	96	32
160000	92000				0.001	102	8	106	76	30
22000	1700				0.175	104	0	70	44	26
8400	3100				0.001	82	0	72	42	30
13000	7900				0.007	50	ND	52	30	22
54000	35000	--	--	--	0.018	86	ND	94	64	30
43000	35000				0	102	0	112	68	44
43000	22000				0.004	98	8	64	38	26
8400.0	1700.0	--	--	0.0						
160000.0	92000.0	--	--	0.0						
40116.7	22225.0	--	--	#####						

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	--	--	--	ND	72	ND	80	44	36
940	310				0.000	80	ND	88	52	36
3400	1700				0.002	96	2	100	72	28
2400	1300	--	--	--	0.004	100	ND	90	56	34
2100	1400				0.002	92	ND	92	48	44
3100	1700				0.098	92	4	64	58	6
13000	7900				0.024	72	0	64	52	12
4300	1700				0.055	88	2	86	38	48
4600	2100				0.011	52	ND	58	30	28
12000	7000	--	--	--	0.012	58	ND	68	38	30
8400	5800				0.025	68	4	66	42	24
4900	2300				0.002	74	6	74	42	32
940.0	310.0	--	--	0.0						
13000.0	7900.0	--	--	0.0						
5070.0	2845.8	--	--	#####						

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
630	210	--	--	--	ND	92	ND	64	44	20
140	70				0.000	88	ND	80	32	48

1100	490				0.003	92	ND	100	80	20
840	700	--	--	--	0.009	86	ND	76	40	36
940	330				0.001	100	ND	80	48	32
470	170				ND	98	ND	72	46	26
840	260				0.004	82	0	60	36	24
790	330				ND	68	0	52	26	26
2100	1400				0.034	52	ND	58	30	28
1100	700	--	--	--	ND	64	ND	66	42	24
1200	580				0.006	64	0	64	38	26
1100	490				0.003	80	ND	64	44	20
140	70	--	--	0.0						
2100	1400	--	--	0.0						
938	478	--	--	#####						

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
7000	2300	--	--	--	ND	76	ND	84	62	12
35000	24000				0.002	80	ND	84	56	28
11000	2600				0.011	84	ND	104	64	40
9400	7000	--	--	--	0.023	98	ND	84	60	24
6300	3100				0.001	104	ND	100	52	48
3300	2300				ND	98	ND	80	50	38
54000	35000				0.003	66	0	48	20	28
4600	3100				0.004	52	0	46	22	24
7000	3300	--	--	--	0.001	44	ND	60	22	38
7000	3300				0.025	64	0	54	38	16
9400	7000				0.003	72	ND	68	44	24
3300.0	2300.0	0.0	0.0	0.0	0.0	44.0	0.0	46.0	20.0	12.0
54000.0	35000.0	0.0	0.0	0.0	0.0	104.0	0.0	100.0	62.0	48.0
14000.0	8454.5	#####	####	#####	0.0	75.4	0.0	70.8	42.6	28.0

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
14000	7000	--	--	--	ND	88	ND	92	60	32
92000	54000				0.000	60	ND	90	56	34
92000	35000				0.005	80	ND	108	76	32
24000	11000	--	--	--	0.001	98	ND	88	56	32
22000	13000				ND	84	ND	88	56	32
9400	4900				ND	72	ND	68	56	12
92000	54000				0.002	66	0	60	32	28
160000	54000				0.005	50	0	34	22	12
17000	7900				0.006	76	4	84	60	24
15000	9400				0.05	70	0	64	48	16
28000	13000				0.005	78	6	86	64	22
9400	4900	0.0		0.0						
160000	54000	0.0		0.0						
53740	25020	#####		#####						

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
0	0.0	0.0		0.0						
0	0.0	0.0		0.0						
#DIV/0!	#DIV/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
0	0.0	0.0		0.0						
0	0.0	0.0		0.0						
#DIV/0!	#DIV/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
18.7	6.02	0.016	0.274	1.4	3	100	90	0.8	12.6	1.4
16	6.6	0.071	0.040	2.2	17	116	106	4.2	11.5	1.9
13	3.9	0.005	0.366	15.7	68	104	136	4.2	9	1.7
17	4.52	0.017	0.329	2.24	35	103	114	7	10.38	1.48
19	6.6	0.011	0.331	1.40	18	109	104	2.3	12	2.03
11.5	9.36	0.128	0.29	1.12	790	76	768	125.8	7.56	1.7
4.8	18.92	0.273	0.235	4.5	816	57	828	109.4	3.3	1.91
7.74	12.3	0.046	0.209	1.40	696	67	670	90.5	4.4	1.6
8.65	8.17	0.029	0.22	2.8	49	76	90	18.5	5.43	1.54
10.0	1.6	0.023	0.248	3.64	28	72	88	7.8	6.92	1.68
15	2.90	0.030	0.261	2.24	43	86	90	1.9	9.3	1.1
13.7	2.43	0.011	0.313	0.84	34	99	104	1.5	8.5	0.9
4.8	1.612	0.01057	0.04	0.84	3	57	88.00	0.8	3.34	0.9
19	18.92	0.273	0.33	15.70	816	116	#####	125.8	12.6	2.03
12.9	7.2	0	0.25	3.29	216	89	#####	31.2	8.4	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
14.7	11.18	0.032	0.248	2.52	9	90	82	5.2	10.5	0.9
16	5.6	0.005	0.067	4.8	28	117	126	1.9	11.3	2.0
17	4.3	0.011	0.406	10.9	44	111	116	1.9	11	1.84
15	8.82	0.012	0.593	1.96	37	113	120	2.1	10.62	1.5
20	5.7	0.011	0.425	2.80	23	115	118	4.4	13.54	2.35
8.5	4.52	0.057	0.27	1.12	168	77	198	38.2	5.95	1.03
7.7	14.30	0.196	0.259	4.2	608	66	614	58.2	5.2	1.52
8.70	8.6	0.052	0.195	1.96	296	66	280	41.8	5.1	1.4
11.54	8.92	0.017	0.202	1.12	61	85	116	15.7	7.07	1.61
7.0	3.2	0.017	0.285	7.84	67	68	100	2.4	5.73	1.93
14	1.40	0.085	0.269	1.12	41	91	116	2.1	8.8	1.2
13.8	3.86	0.011	0.317	0.84	31	91	94	0.8	8.7	1.1
							82.0			
							614.0			

							173.3			
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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
18.7	12.69	0.185	0.224	2.24	32	108	120	22	12.2	1.5
16	7.6	0.005	0.054	6.2	32	128.2	128	6.9	11.0	2.6
18	5.8	ND	0.361	9.8	73	104	148	6.9	11.9	1.66
15	6.45	0.181	0.306	2.24	33	106	118	2.6	10.37	1.21
16	3.3	0.053	0.32	1.40	25	119	120	8.5	11.89	2.08
13.4	4.19	0.040	0.21	0.84	190	84	228	38.3	8.04	1.83
6.8	16.99	0.199	0.239	5.0	772	64	780	100.6	4.4	2.06
11.76	6.7	0.059	0.337	1.96	304	62	296	59.8	7.2	1.5
10.57	5.81	0.413	0.314	2.24	43	80	106	11.8	6.84	1.86
12.0	1.7	0.017	0.246	3.92	73	86	122	4.7	8.07	3.05
15	1.29	0.019	0.267	1.12	45	92	116	1.8	9.6	1.3
15.6	4.31	0.009	0.303	1.12	17	98	82	1	10.1	1.5
							82.0			
							780.0			
							197.0			

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
18.7	9.03	0.008	0.226	1.68	8	100	84	5.5	12	1.5
18	6.7	0.005	0.043	2.0	28	110	110	5.8	11.9	2.5
15	4.2	0.003	0.328	8.4	59	107	128	5.8	12.1	1.61
16	2.90	0.005	0.312	2.8	35	110	130	2.9	10.94	1.21
23	14.6	0.012	0.38	1.12	28	153	160	4.9	14.13	4.1
16.4	4.52	0.090	0.24	0.84	172	88	226	40.2	8.10	1.18
10.8	12.90	0.100	0.251	2.2	732	57	724	116.8	6.6	1.69
8.80	6.0	0.059	0.258	1.96	314	64	292	51.9	5.9	1.4
9.61	6.56	0.015	0.217	4.48	28	76	88	37.3	5.79	1.65
12.0	1.9	0.037	0.258	5.04	37	65	68	3.9	8.65	3.1
14	0.43	0.023	0.291	1.12	32	94	102	3.2	8.9	1.4
15.8	1.51	0.010	0.285	1.12	25	111	110	2.5	10.5	1.1
							68.0			
							724.0			
							185.2			

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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
12.7	10.32	0.226	0.261	5.04	2	115	94	0.9	8.5	2.3
17	5.7	0.008	0.046	2.8	29	127	136	3.1	9.7	2.9
13'	8.5	0.003	0.425	3.9	41	129	148	3.1	8.8	2.73
22	11.18	0.432	0.541	5.56	41	160	188	2	13.47	2.38
22	10.3	0.003	0.665	7.28	33	168	86	3.2	14.12	3.05
26.0	5.27	0.074	0.39	7.84	72	140	184	8.7	12.87	2.34
15.4	3.87	0.015	0.412	2.8	42	146	140	7.6	11.2	3.09
15.68	11.9	0.071	0.227	1.68	96	104	160	22.8	9.1	3.3
11.54	13.98	0.025	0.21	4.48	46	89	104	30	8.2	2.46
7.0	2.8	0.016	0.242	2.24	70	82	126	8.9	4.35	0.98
10	1.83	0.046	0.269	ND	50	87	110	2.8	6.0	1.9
8.6	0.54	0.034	0.266	1.40	34	91	96	2.9	5.3	1.8
							86.0			
							188.0			
							131.0			

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
28.5	26.56	0.139	0.318	5.6	2	205	196	1.3	19.2	4.8
23	17.3	0.045	0.601	2.2	29	153	160	2.9	16.7	5.2
29	9.4-	0.015	0.49	12.3	40	210	128	2.9	20.3	5.76
18	13.44	0.564	0.595	6.72	41	182	196	1.7	10.17	1.59
20	5.6	0.069	0.396	3.92	13	160	156	5.9	13.41	3.58
21.1	4.95	0.127	0.61	3.36	28	169	160	3.2	14.37	4.42
22.2	5.38	0.117	0.528	5.0	72	153	162	17.7	13.3	5.05
16.66	13.1	0.163	0.236	1.68	152	131	196	21.0	9.1	3.4
12.65	8.71	0.071	0.288	0.84	51	78	90	17	8.97	3.11
11.0	3.7	0.034	0.233	1.96	49	101	122	6.1	7.49	3.05
13	1.94	0.038	0.283	1.12	33	91	104	1.9	9.0	2.5
11.5	1.18	0.047	0.286	1.96	15	95	94	0.5	7.6	2.1
							90.0			
							196.0			
							147.0			

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
15.7	8.28	0.082	0.564	2.52	12	121	118	5.7	9.3	2.5
16	11.4	0.003	0.082	5.9	30	156	166	1.3	10.3	3.3
13	7.1	0.052	0.406	8.4	44	123	144	1.3	8.5	2.52
15	7.10	0.278	0.383	3.92	19	135	140	1	8.86	1.52
11	6.2	0.046	0.342	1.12	17	106	102	2	7.84	2.7
16.3	4.30	0.019	0.37	4.48	54	125	132	4.5	9.38	2.2
7.6	6.99	0.011	0.305	5.0	136	97	196	55.1	4.5	2.14
11.76	6.9	0.105	0.230	2.24	81	107	144	53.7	8.3	2.7
12.50	7.20	0.046	0.277	2.24	114	86	176	21.9	8.51	2.89
8.0	1.3	0.048	0.363	1.68	60	88	120	10.1	5	1.23
8	2.26	0.051	0.113	1.68	53	87	116	3.4	5.7	1.9
7.7	1.18	0.046	0.306	1.40	22	89	86	0.9	5.3	1.7
							86.0			
							196.0			
							136.7			

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
19.6	21.70	0.028	0.219	12.6	10	134	124	7.6	14	3.2
18	9.9	ND	0.753	3.9	46	161	190	7.2	11.8	4.0
18	5.2	0.024	0.48	5	61	159	196	7.2	12.6	2.15
15	14.30	0.007	0.496	3.08	43	158	184	3.4	9.35	1.73
19	6.2	0.022	0.439	1.12	16	151	142	2.3	12.26	2.06
19.2	9.79	0.090	0.44	8.96	62	109	140	5.9	12.22	2.59
7.6	6.67	0.015	0.287	5.6	134	80	160	37.2	4.1	2.03
15.68	9.4	0.096	0.191	1.96	89	123	186	18.5	10.1	2.7
12.50	8.17	0.046	0.273	0.56	80	86	120	41.8	8.22	3.45
12.0	2.3	0.084	0.258	3.92	69	113	158	8.3	8.18	2.63
33	1.18	0.154	0.448	0.56	40	128	138	3.7	20.3	3.7
33.1	1.29	0.055	0.497	1.68	47	145	164	5	22.8	1.2
							124.0			
							196.0			

							162.7		
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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
12.7	4.95	0.019	0.278	3.36	5	115	100	2.8	7.7	2.2
11	8.5	ND	0.041	1.7	17	132	120	1.1	7.5	2.7
11	8.6	ND	0.355	3.9	37	128	130	1.1	7.5	2.39
14	11.72	0.045	0.502	2.24	33	134	138	2.9	9.19	1.84
11	5.4	0.026	0.352	6.72	21	126	124	2.7	7.61	2.88
11.4	2.26	0.013	0.33	3.92	84	125	176	7.9	7.71	2.02
16.5	3.33	0.034	0.366	8.4	27	137	114	0.9	10.1	2.82
10.74	8.3	0.088	0.202	2.24	110	103	170	54.7	6.0	2.8
12.50	7.31	0.015	0.21	1.4	59	76	104	31.4	7.05	2.51
7.0	2.0	0.034	0.211	6.72	62	77	114	11.6	4.19	1.27
7	3.23	0.025	0.207	1.68	50	75	80	7.6	4.8	1.8
7.6	0.84	0.089	0.273	0.84	19	83	82	1.2	4.7	1.5
							100.0			
							138.0			
							122.0			

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
12.6	8.60	0.029	0.267	2.8	8	116	106	3.9	8.1	2.1
12	8.6	0.005	0.042	3.1	35	145	160	3.6	7.4	2.6
12	27.6	0.008	0.382	4.2	60	131	156	3.6	8.2	2.52
16	10.65	0.008	0.455	8.96	42	130	140	2.5	9.13	1.88
11	5.5	0.254	0.375	16.24	10	131	118	2.4	7.36	2.81
11.4	3.01	0.056	0.37	1.68	60	124	164	10.9	7.77	1.94
15.4	2.90	0.046	0.322	6.2	28	110	90	3	9.2	2.73
8.74	10.0	0.104	0.241	1.68	90	104	136	48.4	6.0	2.7
9.61	7.53	0.068	0.222	0.56	144	82	186	17.3	6.83	1.35
7.0	3.4	0.019	0.217	4.48	35	72	84	10.5	4.28	1.05
9	3.55	0.015	0.263	2.80	82	84	124	1.5	5.5	1.9
8.6	0.97	0.022	0.275	0.84	28	90	94	1.3	5.1	1.7
							106.0			

							160.0		
							140.5		

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
15.7	8.06	0.111	0.258	1.96	3	130	114	1.3	10.2	2.7
17	10.1	0.127	0.079	5.9	40	151	172	4	11.3	3.3
15	7.2	0.024	0.421	4.5	42	127	148	4	9.8	2.44
13	6.77	0.041	0.357	2.8	23	130	124	1.6	8.85	1.7
13	5.3	0.003	0.328	4.48	19	134	130	2.1	8.12	2.86
15.4	3.33	0.226	0.39	1.68	54	126	148	2.8	9.18	2.48
15.4	6.13	0.034	0.406	6.2	103	128	192	29.5	10.2	3.65
12.74	6.6	0.071	0.242	1.68	125	119	198	21.7	8.7	2.8
13.46	9.03	0.019	0.262	1.12	66	111	134	19	8.75	2.5
10.0	0.6	0.03	0.281	1.4	28	101	88	5.6	6.24	1.93
9	1.72	0.025	0.316	ND	18	83	86	1.3	6.7	1.9
9.6	2.90	0.022	0.309	1.12	43	97	118	0.5	6.3	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
19.6	13.76	0.020	0.283	1.4	6	148	134	1.4	14	3
19	11.7	0.015	0.094	5.6	42	182	202	5.8	12.9	3.4
19	8.1	0.020	0.813	5	32	158	156	5.8	13.1	2.43
13	10.54	0.053	0.359	9.52	32	161	162	1.7	8.77	1.67
11	4.7	0.059	0.302	8.40	26	123	134	3.9	7.24	2.11
15.1	4.30	0.013	0.36	7.00	66	136	152	3.5	9.84	3.08
15.4	4.19	0.055	0.442	5.6	44	169	196	9.4	11.2	3.51
15.68	7.8	0.044	0.273	1.68	86	122	164	14.2	10.3	2.7
13.46	12.90	0.037	0.277	1.68	160	113	220	33.9	8.5	2.48
10.0	4.2	0.042	0.39	2.52	32	124	120	8.6	6.33	2.49
11	1.08	0.025	0.298	1.68	21	92	86	2.3	6.6	2.0

9.6	1.61	0.032	0.321	1.40	21	108	108	0.6	6.5	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
15.7	6.02	0.029	0.292	2.52	14	121	110	7.8	10.4	2.3
19	9.7	ND	0.601	3.1	51	139	164	8.7	11.2	3.2
13	9.4	0.021	0.379	7.3	34	138	144	8.7	8.5	2.25
19	10.65	0.013	0.483	2.52	34	137	142	3.8	13.6	1.83
10	7.1	0.022	0.31	1.40	5	110	94	4.5	6.35	2.29
13.3	2.80	0.021	0.35	1.40	170	117	216	28.9	8.39	2.02
11.6	5.70	0.068	0.337	2.2	88	110	156	30.5	6.6	2.05
5.76	6.6	0.038	0.198	1.12	340	108	386	59.4	3.8	1.7
9.61	9.03	0.031	0.212	2.24	120	80	172	81.8	6.93	2.01
10.0	0.9	0.014	0.25	2.8	49	76	90	4.6	6.13	1.21
10	3.66	0.113	0.300	0.56	54	108	136	3.8	6.6	1.9
9.6	1.33	0.026	0.264	1.40	28	96	94	3	5.9	1.5
			0.198							
			0.601							
			0.327							

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
13.7	6.02	0.067	0.319	3.92	9	120	114	5.3	9.9	2.2
14	10.3	0.008	0.547	2.5	41	134	154	12	10.8	3.2
16	8.0	0.030	0.349	6.2	15	165	164	12	10.9	2.75
15	10.32	0.007	0.0642	2.8	31	130	136	2.9	9.07	1.74
10	3.7	0.003	0.41	12.04	26	110	114	5.1	6.98	2.45
11.3	1.83	0.090	0.67	6.72	78	113	124	20.1	7.12	2.61
15.7	2.47	0.088	0.263	6.7	158	130.6	268	29.5	9.3	2.68
12.74	3.3	0.007	0.444	2.80	96	114	176	65.8	8.9	3.0
12.50	6.99	0.003	0.268	5.32	252	86	280	71	8.6	2.6
12.0	8.8	0.091	0.245	0.56	22	120	124	2.5	7.69	2.8
11	3.98	0.024	0.283	1.12	37	120	122	11.8	6.9	1.8
10.6	4.41	0.033	0.345	1.68	20	106	88	2.2	6.7	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
12.7	8.10	0.024	0.367	10.64	3	120	112	17.9	8.8	2
17	5.1	0.217	0.537	6.7	12	134	118	2.4	9.7	2.9
16	5.9	0.015	0.365	10.9	92	132	196	2.4	10.1	0.77
15	5.81	0.016	0.095	1.4	59	132	162	3.9	9.14	1.89
14	6.9	0.029	0.366	10.64	52	149	182	5	9.35	2.5
10.4	3.23	0.003	0.34	1.40	110	107	182	3.5	6.22	2.76
11.8	3.76	0.024	0.348	1.7	47	122	132	27.8	6.3	2.68
11.76	3.4	0.014	0.439	1.12	332	106	370	101.5	9.1	3.0
14.42	11.94	0.019	0.271	1.12	196	103	250	56.2	9.11	2.81
9.0	0.9	0.056	0.109	3.92	30	92	96	5	6.42	1.81
11	4.73	0.040	0.274	1.68	24	96	86	1.0	6.4	2.0
9.6	2.15	0.035	0.297	2.52	28	92	88	2.9	5.7	1.0
							86.0			
							370.0			
							164.5			

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
12.7	2.60	0.204	0.416	3.92	10	112	100	4.8	9.4	2
17	5.9	0.038	0.549	2.5	19	127	120	6.6	10.2	2.7
19	8.9	0.079	0.358	15.1	20	148	132	6.6	11.6	2.8
20	5.50	0.469	0.106	2.22	26	171	166	4.3	13.2	22.45
15	4.3	0.015	0.372	11.28	23	113	106	2.7	9.41	2.31
10.5	3.12	0.081	0.33	1.68	42	102	108	4.3	6.15	2.31
13.7	4.62	0.023	0.365	3.4	40	124	140	35.9	8.0	2.64
13.72	8.6	0.106	0.470	2.24	384	122	418	106.8	9.6	2.8
11.54	6.24	0.076	0.263	1.12	113	87	176	52.9	7.59	2.32
9.0	1.0	0.047	0.111	5.04	38	92	92	7.2	6.11	1.72
12	4.95	0.022	0.305	3.64	35	101	100	4.7	7.2	1.8

10.6	1.94	0.009	0.293	1.40	10	98	82	1.1	7.6	1.1

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
12.7	12.15	0.127	0.496	4.76	12	118	106	6.4	9.6	2.1
17	7.3	0.008	0.502	5.6	13	132	124	0.9	10.8	3.1
20	6.2	0.003	0.393	16.8	7	147	122	12.9	12.1	2.93
13	7.85	0.523	0.124	34.44	25	154	142	3.3	9.59	2.33
16	6.9	0.030	0.369	17.92	30	141	136	8.3	9.39	2.39
10.5	5.81	0.107	0.34	1.12	66	104	132	6.5	6.59	2.66
11.8	4.73	0.080	0.385	2.5	42	134	136	37.5	8.0	2.62
16.76	13.5	0.199	0.355	3.08	500	123	520	74.0	10.3	3.7
10.57	9.25	0.056	0.242	2.24	160	87	197	58.6	6.45	2.77
10.0	0.3	0.068	0.114	5.04	31	91	82	1.8	6.31	1.69
11	4.30	0.071	0.324	4.76	50	98	122	6.7	7.5	1.8
9.6	1.50	0.018	0.297	3.08	18	94	82	1.9	6.3	1.1

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
14.7	4.73	0.008	1.3	4.2	16	126	116	13.3	9.6	2.1
16	7.4	0.262	0.518	2.2	13	134	122	1.7	10.7	3.1
15	4.5	0.004	0.335	14.6	34	134	136	1.7	9.5	2.84
20	6.56	0.368	0.114	30.3	33	138	148	5.1	12.81	2.47
16	4.7	0.007	0.37	5.60	56	141	160	8	9.3	2.34
10.5	4.52	0.103	0.36	5.04	120	101	108	6.5	6.71	2.64
12.7	4.62	0.050	0.404	1.4	64	124	150	44.3	7.6	2.62
13.72	9.4	0.029	0.348	2.80	236	125	308	63.1	9.8	2.9
11.54	8.82	0.151	0.25	2.8	88	84	148	59.6	7.51	2.65
10.0	1.0	0.027	0.111	4.48	24	91	96	4.6	6.17	1.95

12	2.58	0.055	0.414	2.80	32	99	108	6.2	7.6	1.8
8.6	1.08	0.013	0.296	1.12	16	97	88	1.2	5.6	1.2

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
13.7	2.90	0.008	0.421	2.52	25	111	116	14.5	9.1	1.9
16	16.3	0.114	0.486	3.4	17	150.3	140	9.1	10.3	3.0
17	5.3	0.523	0.364	8.4	23	148	136	9.1	11.6	2.8
14	8.50	0.106	0.119	39.76	35	123	128	5.4	9.56	2.36
14	3.0	0.017	0.372	12.88	55	147	128	18.4	9.37	2.44
10.4	3.76	0.156	0.35	2.80	70	105	128	4.7	6.85	2.63
11.6	3.98	0.019	0.381	1.7	39	142	168	34.7	9.0	2.65
16.70	11.8	0.044	0.385	3.08	256	129	328	85.2	11.9	3.0
10.57	6.29	0.013	0.273	0.84	168	84	208	58.5	6.46	2.57
10.0	1.4	0.045	0.109	3.36	21	126	122	2	6.28	1.91
14	5.48	0.007	0.285	0.84	143	98	196	0.7	8.8	1.9
10.69	1.72	0.048	0.283	5.04	22	103	82	1.5	7.7	1.1

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
21.6	1.72	0.016	0.263	17.92	18	119	104	13.4	13.8	2.7
18	3.4	0.005	0.055	7.8	32	117	124	4.2	11.3	3.0
20	7.2	0.283	0.339	6.7	25	149	150	4.2	15.2	7.32
16	8.10	0.306	0.466	12.32	34	139	140	9.9	10.03	1.82
16	6.3	0.025	0.31	2.24	43	148	154	4.9	9.97	2.6
13.5	1.51	0.049	0.27	19.04	8	125	108	6.2	9.60	2.4
17.4	3.98	0.380	0.239	11.8	34	131	140	0.2	10.6	3.13
16.66	2.4	0.064	0.224	1.68	79	104	146	12.7	11.6	2.5
11.54	24.41	0.076	0.292	4.48	280	108	312	70.7	7.97	2.5

16.0	7.6	0.01	0.098	4.2	37	112	120	4.2	11.52	2.11
14	2.58	0.062	0.195	3.36	41	112	120	13.3	9.2	2.4
19.4	3.01	0.026	0.249	2.24	49	116	136	7.8	12.3	3.1

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
36.1	3.66	0.609	0.537	15.12	19	161	128	9	23.8	7.6
37	16.9	0.402	0.096	23.2	21	183	196	5.6	23.1	8.0
38	4.1	0.596	0.315	3.9	57	194	222	5.6	26	7.5
28	15.90	0.315	0.613	4.48	54	152	186	21.6	16.46	4.13
24	6.0	0.301	0.312	18.59	62	176	186	7.9	14.14	4.26
24.0	1.94	0.231	0.29	7.00	20	172	168	11.4	15.90	4.6
20.3	2.26	0.467	0.224	5.0	64	125	166	0.8	12.2	3.57
16.66	2.8	0.001	0.245	6.72	83	103	132	14.5	11.9	2.9
12.50	17.96	0.081	0.254	1.12	224	100	268	10.1	8.37	2.71
18.0	3.0	0.04	0.103	2.8	20	123	120	2.7	12.63	2.6
24	12.47	0.165	0.205	2.52	54	111	116	9.6	15.3	4.1
38.6	3.87	0.038	0.239	2.24	61	165	194	3.1	24.1	6.7

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
39.2	3.23	0.510	0.296	17.36	25	166	128	19	22.3	7.1
34	10.6	0.324	0.374	11.8	35	173	190	5.4	21.9	7.1
48	6.2	0.699	0.288	10.1	36	208	222	5.4	32.1	10.67
27	10.30	0.009	0.535	7	60	161	198	18.9	16.02	3.93
24	5.2	0.147	0.328	17.36	32	170	184	7.7	14.45	4
18.3	1.83	0.086	0.24	21.00	7	151	126	8.3	13.20	3.8
22.2	2.26	0.234	0.216	18.5	83	130	182	46.8	13.4	3.73
19.60	2.1	0.051	0.221	2.80	69	103	134	25.6	14.7	3.2

18.0	3.5	0.038	0.099	2.8	38	114	128	4.2	11.36	2.26
20	2.69	0.104	0.222	3.36	42	124	116	8.5	13.5	3.4
34.7	3.55	0.033	0.236	7.28	55	158	186	10.8	23.4	6.0

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
12.7	5.70	0.118	0.314	3.92	4	115	96	6.2	7.9	1.1
18	9.8	0.008	0.069	1.4	17	142	134	1.5	10.8	3.0
.19	8.1	0.009	0.486	7.8	6	146	134	1.5	13.3	2.93
54	21.40	0.034	0.0697	1.68	18	173	194	1.2	39.23	3.64
11	3.3	0.044	0.407	11.20	16	131	128	1.7	7.89	2.75
13.5	4.62	0.029	0.58	4.48	248	128	324	78.8	9.26	2.94
14.7	4.84	0.039	0.300	11.8	42	129	144	9.7	9.3	3.02
11.76	6.2	0.035	0.231	4.48	268	106	308	65.3	6.8	2.9
13.46	4.73	0.042	0.303	1.96	53	103	132	20.8	8.05	3.31
11.0	1.1	0.03	0.28	1.12	57	122	136	5.5	7.94	1.85
10	2.15	0.038	0.265	3.92	71	116	164	2.7	7.1	1.8
10.6	5.16	0.037	0.405	0.84	18	105	96	1.2	6.7	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
1078	117.96	0.061	1.1	8.96	22	2080	1820	21.7	480	24.1
1399	200.8	0.016	0.095	7.0	57	3089	2976	9.1	849.0	49.0
111	363.00	0.064	0.574	3.36	52	797	784	7.6	59.97	4.17
1100	736.6	0.239	0.468	13.44	28	2930	2756	3.3	640	52
64.4	14.52	0.005	0.20	13.44	92	220	286	26.9	38.44	3.43
12.7	2.80	0.016	0.340	2.8	112	132	208	29.4	10.3	2.01
11.68	7.1	0.026	0.282	2.24	272	130	352	71.2	7.9	2.8

11.54	10.32	0.039	0.347	1.4	106	96	168	57.8	7.82	3.19
15.0	1.9	0.021	0.27	1.12	36	110	118	3.7	9.94	1.68
22	6.47	0.027	0.338	1.12	26	121	98	5.7	14.9	2.1
79.6	8.92	0.003	0.348	0.56	14	195	178	4.9	40.3	8.3

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
16072	3193.64	0.008	0.783	3.36	179	30829	28500	7.8	8450	200
10994	1505.4	0.238	0.134	7.8	145	22962	18532	8.9	#####	264.0
15000	2053.8	0.251	0.806	9.5	187	27650	23288	8.9	7955	304
8500	1860.00	0.167	0.911	3.64	41	17373	16924	5.9	5531	219
15500	2188.2	0.008	0.843	1.12	30	29482	22164	1.4	9150	375
5692.0	670.98	0.230	0.65	5.88	170	14173	9172	8.6	#####	97
5225	164.63	0.244	0.561	2.8	92	9587	8816	14.1	2837.0	107
7056.00	172.3	0.266	0.379	3.36	220	13385	12744	16.6	#####	162.0
6820.00	161.23	0.183	0.713	1.12	152	14034	11016	47.5	3929	312
4298.0	156.0	0.114	0.461	2.24	64	7533	7096	5.2	1800	102
4600	658.64	0.229	0.512	1.12	25	8743	8044	2.6	#####	48.0
6858.5	1122.61	0.052	0.699	1.40	163	15135	13312	5.9	#####	82.0

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
13.7	12.90	0.019	0.336	6.72	27	130	140	11.6	8.7	1.7
16	3.4	0.013	0.068	4.2	120	143	240	15.2	11.1	2.8
21	1.5	0.005	0.465	9	100	166	242	15.2	15.8	2.7
13	1.83	0.007	0.329	5.04	64	141	180	11.1	7.3	1.97
15	3.2	0.017	0.393	1.68	48	104	134	7.2	9.47	2.56
5.6	4.73	0.042	0.39	5.32	224	80	224	67.4	3.22	2.29
9.7	13.98	0.042	0.265	6.2	586	94	600	101.4	5.2	2.7

12.74	5.9	0.150	0.244	0.84	356	110	406	76.5	9.8	2.6
14.42	5.70	0.034	0.286	0.56	242	98	294	48.3	9.56	2.4
11.0	3.2	0.037	0.31	1.68	64	115	148	5.8	7.38	2.65
15	6.02	0.040	0.336	1.12	142	119	228	4.1	9.5	1.5
14.6	4.62	0.186	1.820	0.84	29	121	128	2.1	9.8	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
18.8	3.76	0.004	0.374	10.64	12	115	116	10.7	12.5	1.9
17	6.8	0.133	0.618	2.8	13	113	108	2.8	11.1	2.8
18	4.8	0.821	0.383	14	53	135	144	2.8	11.1	2.78
18	4.95	0.007	0.104	16.8	63	158	196	7.8	11.11	3.81
14	3.9	0.024	0.360	10.64	39	118	130	10.6	9.22	2.33
7.4	9.25	0.078	0.28	1.68	176	93	216	19.6	5.93	1.89
10.8	3.73	0.089	0.369	3.4	36	138	134	36.9	7.7	2.59
14.70	3.3	0.082	0.447	2.24	316	111	382	95.1	8.3	2.9
9.61	5.27	0.003	0.264	0.56	164	96	216	45.5	6.51	2.17
10.0	1.5	0.022	0.11	2.8	43	87	98	3.1	6.07	1.71
11	4.09	0.023	0.279	1.96	21	98	86	3.8	7.5	1.8
9.6	2.69	0.009	0.292	2.24	24	96	80	1.9	6.7	1.1

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
99.6	29.50	2.293	0.481	5.04	25	395	378	7.9	64	23.9
65	32.9	1.184	0.512	2.8	277	364	590	55.3	43.9	23.6
100	31.8	1.496	0.419	3.9	421	389	712	55.3	60.5	23.15
40	7.74	0.429	0.12	35.28	60	188	216	11.8	25.69	2.55

61	12.8	0.592	0.33	23.92	55	322	292	12.3	40.03	11.26
46.1	31.18	0.706	0.31	5.60	624	242	800	2.8	34.23	14.05
37.3	4.95	0.062	0.356	3.4	93	198	236	21.5	24.2	5.67
26.46	8.7	0.114	0.270	7.00	74	158	200	2.1	17.4	5.3
10.57	12.90	0.095	0.262	1.4	86	81	214	69.7	6.84	2.36
27.0	2.473	0.031	0.081	5.6	34	170	180	0.4	16.79	4.98
22.8	34.62	0.946	0.268	1.40	38	195	188	8.6	13.3	6.8
60.5	6.24	0.214	0.354	5.60	29	233	232	2.5	48.1	20.9

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
14.8	11.72	0.460	0.796	3.92	30	116	128	6.4	9.2	2.1
16	9.9	0.013	0.504	3.9	37	131	148	7.6	10.4	3.1
18	10.0	0.328	0.458	6.7	40	142	166	7.5	12.6	2.85
14	5.05	0.015	0.435	10.08	92	128	200	24.4	9.45	2.436
17	2.9	0.012	0.355	3.36	35	149	144	5.1	9.34	2.32
10.3	2.80	0.135	0.34	1.68	204	111	242	6.6	6.78	2.76
12.5	4.73	0.076	0.206	3.9	46	136	164	16	7.7	3.86
13.72	9.5	0.015	0.402	2.24	220	124	304	62.9	9.7	2.8
10.57	8.81	0.121	0.278	1.12	204	91	312	44.5	6.83	2.94
11.0	2.0	0.04	0.09	6.72	21	93	80	2.6	6.08	1.6
12	3.66	0.018	0.308	2.80	34	105	104	1.8	8.9	2.0
7.9	0.86	0.104	0.277	4.76	23	98	98	2.4	5.2	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
14.7	3.76	0.130	0.458	29.68	11	118	108	6.4	9.7	1.9
15	3.9	0.003	0.092	16.5	32	117	126	8	9.9	2.8

17	5.3	0.005	0.347	6.2	9	136	126	8	12.8	2.87
16	6.34	0.005	0.541	3.64	18	135	124	2.2	10.93	1.94
15	6.5	0.037	0.345	5.12	34	154	140	2.8	8.86	2.23
12.5	0.97	0.095	0.26	6.16	16	126	102	3.5	8.20	1.35
11.5	2.47	0.008	0.250	2.8	25	110	112	0.4	7.4	2.43
15.70	2.5	0.007	0.309	5.04	11	112	104	2.5	10.2	2.3
12.50	10.97	0.063	0.27	5.88	174	82	214	84.8	8.27	2.83
10.0	2.2	0.008	0.104	5.6	27	108	102	1.9	6.92	1.55
12	2.04	0.022	0.189	4.48	22	114	104	5.8	8.0	1.9
12.6	1.72	2.094	0.246	6.16	35	113	112	1.1	8.7	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
39.2	3.23	0.510	0.296	17.36	25	166	128	19	22.3	7.1
34	10.6	0.324	0.374	11.8	35	173	190	5.4	21.9	7.1
48	6.2	0.699	0.288	10.1	36	208	222	5.4	32.1	10.67
27	10.30	0.009	0.535	7	60	161	198	18.9	16.02	3.93
24	5.2	0.147	0.328	17.36	32	170	184	7.7	14.45	4
18.3	1.83	0.086	0.24	21.00	7	151	126	8.3	13.20	3.8
22.2	2.26	0.234	0.216	18.5	83	130	182	46.8	13.4	3.73
19.60	2.1	0.051	0.221	2.80	69	103	134	25.6	14.7	3.2
18.0	3.5	0.038	0.099	2.8	38	114	128	4.2	11.36	2.26
20	2.69	0.104	0.222	3.36	42	124	116	8.5	13.5	3.4
34.7	3.55	0.033	0.236	7.28	55	158	186	10.8	23.4	6.0
18.0	1.8	0.0	0.1	2.8	7.0	103.0	116.0	4.2	11.4	2.3
39.2	10.6	0.5	0.5	21.0	83.0	208.0	222.0	46.8	32.1	7.1
25.7	4.5	0.2	0.3	10.8	43.8	150.7	163.1	14.6	17.8	4.5

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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	Total, micro gm/l	Mercury, micro gm/l
0.023	0.4	7.8	3.3	28.0	2.3	5.4	3100	
0.102	0.5	4.0	4.8	60	9.9	2.1	1400	
0.011	0.9	6.7	1.9	53.0	3.9	2.5	1360	BDL
0.053	0.6	1.3	5.1	40	3.4	BDL	14	BDL
0.011	1.0	2.6	5.5	18	2.5	2.9	14918	BDL
0.034	1.8	3.9	6.1	13	5.9	7.4	7018	BDL
0.026	1.0	1.1	3.3	107	1.2	0.7	15629	BDL
0.201	1.8	3.4	4.9	38	3.2	2.4	2486	BDL
0.068	0.2	4.8	2.9	63	0.3	7.6	5150	BDL
0.079	2.6	2.3	2.6	16	0.0	3.8	2890	BDL
0.038	3.2	3.2	3.0	8	1.3	3.4	379	BDL
0.019	2.8	3.8	6.0	43	1.3	3.9	254	BDL

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	Total, micro gm/l	Mercury, micro gm/l
0.068	0.6	8.4	4.3	43.0	0.2	4.2	810	
0.068	0.5	4.6	1.9	70	7.0	6.4	920	
0.019	0.9	5.9	7.6	23.0	4.4	1.1	1500	BDL
0.026	0.6	1.4	7.4	47	2.4	5.1	1240	BDL
0.026	1.3	4.8	7.1	17	4.1	4.6	4397	BDL
0.026	1.6	3.4	8.5	26	5.6	0.4	1670	BDL
0.026	0.5	1.3	3.3	117	1.4	0.4	1176	BDL
0.163	1.8	3.3	5.4	40.0	1.6	1.4	1846	BDL
0.072	0.1	11.5	2.6	53	0.7	4.9	3706	BDL
0.064	3.0	3.2	4.6	33	1.9	3.6	1440	BDL
0.023	3.1	3.1	2.8	21	1.6	3.3	504	BDL
0.008	1.6	2.9	4.9	37	2.3	2.9	523	BDL

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	Total, micro gm/l	Mercury, micro gm/l
0.030	0.3	7.9	2.6	32.0	2.7	7.3	500	
0.132	0.7	4.6	6.2	28	9.3	1.9	1750	
0.049	2.1	1.9	5.1	40.0	5.6	3.8	1209	BDL
0.019	0.6	0.9	5.6	67	1.1	2.7	220	BDL
0.011	0.8	5.7	6.8	23	6.0	3.8	936	BDL
0.042	1.6	2.6	7.0	12	6.4	1.3	23789	BDL
0.026	1.4	3.3	1.6	67	1.2	1.2	15667	BDL
0.110	1.8	4.3	6.9	5.0	3.3	2.4	4013	BDL
0.061	0.1	4.3	5.3	20	1.8	4.9	8544	BDL
0.015	0.3	2.4	2.9	20	2.0	BDL	490	BDL
0.030	3.5	4.8	4.9	28	2.4	4.4	485	BDL
0.023	2.7	4.8	8.5	50	2.0	4.1	1531	BDL

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	Total, micro gm/l	Mercury, micro gm/l
0.079	0.063	3.500	8.000	43.0	1.500	6.625	320	
0.114	0.3	5.9	4.6	62	6.4	3.6	650	
0.045	3.1	5.9	7.4	20.0	8.5	8.6	310	BDL
0.030	0.7	1.4	5.6	40	0.4	BDL	BDL	BDL
0.019	0.8	3.9	6.3	18	2.3	4.3	149	BDL
0.011	2.0	5.3	6.1	46	5.1	2.9	739	BDL
0.034	0.8	0.6	1.9	7	1.3	1.3	2006	BDL
0.098	1.8	3.6	4.8	35.0	3.9	2.7	6739	BDL
0.045	0.1	5.3	3.8	45	0.5	5.1	6509	BDL
0.026	3.3	4.3	2.1	105	0.9	4.9	660	BDL
0.008	3.3	1.0	2.8	41	1.2	2.5	1589	BDL
0.056	3.2	4.1	5.0	53	1.9	4.1	389	BDL

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	Total, micro gm/l	Mercury, micro gm/l
0.023	0.3	5.3	9.8	15.0	2.7	2.4	350	
0.132	0.6	5.3	2.9	48	7.3	3.4	220	
0.060	1.1	5.6	8.8	BDL	5.7	2.2	740	BDL
0.045	0.8	1.5	6.3	25	1.9	BDL	130	BDL
0.034	0.6	3.1	3.6	15	2.6	2.9	609	BDL
0.000	1.4	1.7	5.9	12	5.4	0.6	811	BDL
0.034	0.9	2.9	7.7	8	3.1	3.1	2174	BDL
0.004	2.1	4.8	7.4	36.0	3.2	6.8	2045	BDL
0.026	0.1	4.7	2.8	10	1.4	4.6	5563	BDL
0.019	3.0	3.9	4.4	63	1.9	3.1	2990	BDL
0.023	3.4	1.9	3.9	26	1.0	3.6	614	BDL
0.026	3.4	3.9	7.6	30	2.2	3.1	1718	BDL

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	Total, micro gm/l	Mercury, micro gm/l
0.034	0.1	6.1	1.9	78.0	2.1	7.8	210	
0.117	0.7	7.0	4.3	90	6.9	9.9	400	
0.011	1.4	5.9	6.1	20.0	7.2	6.4	790	BDL
0.019	0.8	2.4	8.5	79	2.8	BDL	BDL	BDL
ND	0.6	3.1	4.1	52	1.6	1.8	216	BDL
0.000	1.6	1.4	2.6	47	4.6	1.9	149	BDL
0.038	1.1	0.3	6.6	56	2.6	7.6	4162	BDL
ND	1.9	4.3	7.8	23.0	2.6	6.4	3667	BDL
0.057	0.1	5.0	2.3	53	2.1	6.2	4862	BDL
0.015	3.5	4.4	4.1	38	0.4	5.4	1690	BDL
0.079	3.3	0.8	4.1	36	3.4	3.2	480	BDL
0.071	2.9	6.6	5.1	7	1.7	6.8	245	BDL

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	Total, micro gm/l	Mercury, micro gm/l
0.023	0.6	4.3	1.6	8.0	1.3	2.3	580	
0.095	0.2	4.6	4.3	48	4.1	6.9	780	
0.034	2.0	1.9	2.4	65.0	4.1	1.5	750	BDL
0.042	0.8	1.3	5.6	54	4.1	1.9	206	BDL
ND	0.5	3.5	5.5	23	2.6	2.8	86	BDL
0.000	1.5	1.1	12.1	20	3.4	4.8	187	BDL
0.011	0.4	1.1	6.3	12	3.1	2.4	10618	BDL
0.008	2.0	9.8	7.6	23.0	4.5	5.3	2525	BDL
0.049	0.1	5.1	4.4	11	2.3	6.0	7776	BDL
0.057	3.4	3.8	3.1	35	1.3	5.3	1850	BDL
0.064	3.2	2.3	3.9	15	2.2	7.7	446	BDL
0.068	2.4	2.2	6.8	35	2.2	2.4	202	BDL

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	Total, micro gm/l	Mercury, micro gm/l
0.008	0.8	4.9	1.9	56.0	1.2	2.9	1390	
0.064	0.5	6.8	2.6	74	6.2	8.1	950	
0.019	1.4	1.2	8.6	30.0	7.1	3.8	1390	BDL
0.023	0.7	1.7	3.3	69	2.3	BDL	230	BDL
0.034	0.7	3.4	5.9	13	1.9	4.2	173	BDL
0.098	3.2	3.8	6.6	43	4.1	2.3	552	BDL
0.011	0.6	7.1	6.5	40	2.7	3.4	10042	BDL
0.114	1.9	4.0	5.5	11.0	2.4	3.1	792	BDL
0.072	0.4	3.7	2.6	55	1.0	3.7	6854	BDL
0.148	3.4	4.4	5.1	40	0.5	5.9	3530	BDL
0.011	3.2	1.8	2.9	15	2.4	3.8	374	BDL
0.120	2.9	3.9	4.8	58	2.4	3.8	1426	BDL

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	Total, micro gm/l	Mercury, micro gm/l
0.038	0.375	4.500	3.438	67.0	2.125	0.500	420	
0.102	0.8	3.4	6.5	64	5.9	5.3	940	
0.068	1.6	2.4	4.3	BDL	6.8	4.9	840	BDL
0.038	0.5	0.8	6.4	27	1.3	BDL	264	BDL
0.023	0.4	5.7	2.6	17	3.1	1.8	58	BDL
0.000	1.6	2.3	6.1	42	5.1	2.7	715	BDL
0.072	0.5	1.3	1.3	7	1.5	1.4	734	BDL
0.079	1.9	4.0	6.3	40.0	4.8	6.3	1104	BDL
0.026	0.2	5.5	3.5	5	1.4	5.1	7776	BDL
0.049	3.0	3.8	2.1	35	1.3	9.1	3320	BDL
0.015	3.3	2.2	2.6	46	1.5	3.9	629	BDL
0.060	3.4	5.6	8.9	32	1.4	3.9	504	BDL

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	Total, micro gm/l	Mercury, micro gm/l
0.057	0.563	3.450	6.125	15.0	2.750	0.750	1370	
0.174	0.5	5.3	5.4	33	7.0	5.1	280	
0.038	1.4	3.8	3.6	8	5.8	2.5	890	BDL
0.034	0.5	0.9	9.8	35	0.6	BDL	274	BDL
0.038	0.4	2.7	2.6	67	1.8	2.4	7061	BDL
0.000	1.5	2.9	7.4	58	4.9	12.3	1613	BDL
0.049	0.4	1.0	7.1	8	2.2	1.8	883	BDL
ND	1.9	3.3	4.9	40.0	2.7	5.7	1133	BDL
0.030	0.2	4.5	7.7	15	0.8	5.5	20837	BDL
0.045	3.0	2.9	4.0	60	0.0	7.7	1860	BDL
0.008	3.6	6.0	6.5	36	2.4	10.3	384	BDL
0.045	3.2	6.2	6.0	27	1.6	5.7	610	BDL

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	Total, micro gm/l	Mercury, micro gm/l
0.030	0.3	5.7	1.0	5.0	1.6	8.4	500	
0.098	0.4	5.1	5.3	52	9.3	0.3	580	
0.087	2.1	1.1	4.7	63.0	3.3	2.6	470	BDL
0.057	0.6	0.5	4.8	23	2.9	1.8	160	BDL
0.007	0.6	3.4	6.6	18	5.3	2.7	57	BDL
0.000	2.3	3.5	7.3	39	2.2	5.3	293	BDL
0.06	0.4	1.2	4.7	10	4.5	7.4	5947	BDL
0.019	2.1	4.3	8.9	16.0	4.3	7.1	5174	BDL
0.019	0.3	5.3	5.0	26	2.0	6.5	10042	BDL
0.019	BDL	BDL	BDL	30	0.0	0.0	1090	BDL
0.030	3.6	2.9	4.7	21	1.7	9.1	480	BDL
0.011	2.4	4.0	7.9	27	2.3	3.9	672	BDL

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	Total, micro gm/l	Mercury, micro gm/l
0.008	0.6	2.2	1.2	15.0	6.4	4.7	340	
0.125	0.6	4.9	7.7	67	9.4	7.4	540	
0.106	2.5	1.8	3.7	11.0	3.4	2.6	450	BDL
0.038	0.9	2.8	5.1	32	4.6	1.3	260	BDL
0.052	0.4	2.1	6.1	30	4.1	0.6	489	BDL
0.079	2.6	2.4	5.8	42	4.4	6.8	350	BDL
0.053	0.3	0.6	3.4	15	2.0	2.3	3269	BDL
0.011	1.9	4.9	7.7	16.0	3.4	7.0	3994	BDL
0.015	0.4	4.2	7.7	20	2.3	4.4	13286	BDL
0.004	0.4	4.9	0.7	36	1.6	0.0	1190	BDL
0.049	3.2	3.2	3.9	30	3.3	3.3	3701	BDL

0.041	2.6	2.3	8.4	17	1.6	2.4	192	BDL
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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	Total, micro gm/l	Mercury, micro gm/l
0.019	0.3	3.9	6.7	63.0	2.6	4.3	1310	
0.087	0.8	6.4	4.6	13	6.3	4.6	1540	
0.068	1.8	5.1	1.7	23.0	9.4	0.9	730	BDL
0.026	0.6	1.5	5.3	65	2.9	2.4	440	BDL
0.049	1.0	2.4	7.6	77	1.2	1.6	4358	BDL
0.049	2.3	3.6	4.5	27	6.3	2.2	7920	BDL
0.057	0.4	3.8	5.2	11	3.2	10.9	5472	BDL
0.023	1.8	2.9	5.8	36.0	2.2	1.2	14976	BDL
0.034	1.4	5.1	4.0	35	1.8	6.2	9830	BDL
0.008	3.9	3.3	4.1	38	1.0	8.9	1800	BDL
0.049	2.9	0.9	2.1	60	0.8	1.7	576	BDL
0.034	3.4	4.8	6.6	63	23.1	3.8	787	BDL

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	Total, micro gm/l	Mercury, micro gm/l
ND	0.9	0.4	5.1	12.0	7.4	13.1	1650	
0.068	0.5	8.0	0.7	110	5.6	3.6	750	
0.030	0.5	1.6	1.3	48.0	5.1	2.4	540	BDL
0.068	1.1	4.5	3.7	75	2.9	7.9	1150	BDL
0.007	2.1	6.3	3.6	13	4.6	1.8	3662	BDL
0.087	1.1	0.5	2.6	42	1.0	1.7	2860	BDL
0.079	1.8	8.6	2.7	28	0.8	8.4	3394	BDL
0.004	2.2	1.9	9.4	35.0	2.9	2.4	5678	BDL
0.102	1.8	6.8	3.9	33	3.2	14.6	14688	BDL
BDL	3.6	3.7	0.6	20	2.9	9.6	460	BDL
0.068	2.4	5.5	4.4	38	2.4	9.1	974	BDL
0.019	1.1	3.8	2.1	17	1.6	3.2	312	BDL

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium, m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Total, micro gm/l	Mercury, micro gm/l
0.011	0.9	1.0	4.8	13.0	6.7	9.1	90	
0.026	0.6	4.3	8.0	142	5.5	4.3	110	
0.037	0.9	3.5	3.4	38.0	4.2	7.0	1840	BDL
0.023	0.4	2.7	4.1	95	2.5	BDL	1120	BDL
0.034	0.6	6.4	6.4	30	3.2	7.5	2760	BDL
0.026	2.9	4.9	5.3	28	2.6	1.1	768	BDL
BDL	1.1	6.8	9.6	28	7.4	3.9	3442	BDL
0.038	1.8	2.4	9.5	20.0	0.5	4.9	15360	BDL
0.030	0.6	5.8	1.1	20	2.8	10.9	13939	BDL
0.011	0.9	3.0	2.3	33	1.8	10.9	509	BDL
0.015	1.6	0.7	3.6	11	6.4	4.5	331	BDL
0.034	2.4	3.9	4.9	22	3.6	5.4	600	BDL

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium, m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Total, micro gm/l	Mercury, micro gm/l
0.068	0.7	0.2	4.8	13.0	1.1	7.1	1060	
0.034	0.4	4.1	7.6	85	6.4	3.7	430	
0.023	0.6	2.6	1.5	20.0	2.9	5.5	830	BDL
0.019	0.9	4.4	2.8	64	2.0	1.6	2280	BDL
ND	0.5	5.4	6.4	23.24	2.3	2.6	355	BDL
0.079	2.8	3.3	6.8	29	2.2	4.2	768	BDL
0.125	0.8	4.3	5.1	35	5.1	6.3	5894	BDL
ND	2.1	5.9	8.8	21.0	2.3	4.8	13651	BDL
0.023	1.9	7.3	3.4	53	0.3	6.8	15552	BDL
0.034	1.1	4.0	5.7	21	8.0	6.2	2190	BDL
0.004	1.6	1.5	4.1	12	6.0	1.9	331	BDL

0.045	1.6	4.1	4.1	18	1.7	4.6	562	BDL
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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	Total, micro gm/l	Mercury, micro gm/l
0.026	0.8	6.9	8.9	43.0	3.9	5.1	1000	
0.015	0.8	6.9	8.3	104	5.6	8.9	149	
0.064	1.8	4.2	1.3	10.0	4.4	4.3	160	BDL
0.023	0.4	3.3	3.6	75	0.8	5.6	2020	BDL
0.026	0.4	4.2	8.6	43.16	2.6	2.2	3550	BDL
0.053	2.6	4.3	4.1	48	4.9	1.6	1325	BDL
0.087	0.8	3.9	7.3	38	7.3	2.3	475	BDL
ND	0.9	2.8	5.3	28.0	1.4	3.8	21177	BDL
0.061	1.9	3.6	5.9	20	1.5	11.6	15282	BDL
0.015	0.9	2.4	BDL	31	0.9	6.9	660	BDL
0.008	2.3	1.3	9.3	20	4.1	4.3	3398	BDL
0.049	0.9	4.2	1.6	43	1.7	3.5	101	BDL

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	Total, micro gm/l	Mercury, micro gm/l
0.276	0.9	4.2	7.6	12.0	5.3	7.6	1710	
0.011	0.6	5.9	9.3	94	4.0	3.1	38	
0.003	1.6	5.5	BDL	82.0	4.6	5.8	1060	BDL
0.026	0.5	3.8	0.6	57	4.4	3.0	1720	BDL
0.03	0.6	3.8	6.6	29.88	2.6	1.9	1579	BDL
0.113	2.9	3.9	8.4	26	3.8	1.5	1546	BDL
BDL	0.8	4.6	3.4	33	3.9	1.6	3226	BDL
0.011	2.1	3.9	6.3	23.0	2.8	6.7	15091	BDL
0.095	2.0	8.9	5.3	40	2.1	10.8	13306	BDL
BDL	1.1	2.6	BDL	40	2.1	5.2	710	BDL

0.015	1.8	0.8	7.4	17	3.6	3.1	461	BDL
0.019	2.1	3.3	2.5	37	1.1	2.3	379	BDL

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium, m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Iron, Total, micro gm/l	Mercury, micro gm/l
0.030	3.8	3.8	2.3	68.0	5.8	12.6	1390	
0.023	0.9	5.1	7.1	147	3.1	1.4	662	
0.083	1.6	7.1	1.4	64.0	6.3	7.4	570	BDL
0.064	0.3	3.6	0.8	94	7.6	4.6	9780	BDL
0.015	0.6	4.9	8.3	63.08	2.9	3.1	178	BDL
0.140	3.1	3.6	7.1	20	3.3	1.1	725	BDL
0.064	0.8	3.6	6.6	27	5.3	0.9	730	BDL
0.435	2.0	4.0	4.5	15.0	2.3	4.8	13786	BDL
0.314	1.6	3.6	0.3	43	2.0	5.9	13133	BDL
0.011	0.8	2.6	6.4	43	2.2	5.3	670	BDL
0.105	1.8	2.6	4.9	8	4.6	4.4	3974	BDL
0.060	6.6	5.1	4.1	28	1.6	8.8	418	BDL

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium, m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Iron, Total, micro gm/l	Mercury, micro gm/l
0.087	1.6	3.2	1.4	12.0	1.9	8.4	730	
ND	0.8	3.3	1.5	23	7.1	3.8	398	
0.011	0.6	1.4	0.0	25.0	4.5	1.8	640	BDL
BDL	0.5	3.4	6.9	42	3.3	5.6	970	BDL
0.038	0.5	4.1	5.4	23	2.1	5.8	1766	BDL
0.034	1.3	5.7	1.9	69	1.6	8.9	369	BDL
0.038	1.6	3.8	8.2	57	3.1	3.4	499	BDL
0.223	2.2	2.3	6.0	7.0	5.4	9.8	3533	BDL
0.057	1.8	4.3	1.8	26	3.0	10.7	29683	BDL

0.008	1.2	4.9	0.9	36	0.3	29.9	1220	BDL
0.041	3.9	1.0	4.9	11	4.7	3.4	12820	BDL
0.079	1.4	1.6	2.9	36	2.6	4.6	725	BDL

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	Total, micro gm/l	Mercury, micro gm/l
ND	2.0	5.0	2.1	15.0	3.9	14.8	390	
0.182	0.8	8.9	1.8	23	9.8	8.4	580	
0.034	0.6	1.2	3.8	43.0	5.5	2.5	620	BDL
0.038	0.6	3.8	5.6	48	0.4	2.4	3550	BDL
0.042	0.8	2.8	7.4	76	1.8	6.7	2813	BDL
0.008	2.6	8.4	7.3	72	6.9	15.0	1061	BDL
0.019	1.9	4.1	7.8	28	6.6	17.1	3269	BDL
0.106	1.9	0.9	8.1	3.0	2.8	9.3	4594	BDL
0.083	1.8	5.4	2.3	61	0.7	6.4	15072	BDL
0.015	0.4	3.7	3.1	31	0.5	1.6	590	BDL
0.056	4.1	2.3	3.1	21	5.3	5.1	13613	BDL
0.071	1.4	2.9	5.4	48	2.7	4.9	907	

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	Total, micro gm/l	Mercury, micro gm/l
ND	2.4	5.4	1.1	12.0	1.1	8.3	570	
0.011	0.5	3.4	0.3	ND	6.4	3.6	510	
0.049	0.6	1.7	2.6	20.0	5.9	2.6	880	BDL
BDL	0.6	3.6	7.5	40	1.3	3.2	2200	BDL
0.019	0.5	3.6	5.1	60	1.4	7.0	782	BDL
0.174	2.4	3.9	2.8	92	2.3	10.3	739	BDL
0.011	1.6	2.9	9.3	38	4.9	3.3	4498	BDL
ND	2.1	1.6	7.6	16.0	3.0	4.8	4416	BDL

0.034	0.5	4.7	5.8	48	1.4	7.4	940	
0.060	3.9	1.8	4.4	16	3.4	3.8	1420	
0.026	1.2	2.4	3.3	51	3.7	4.9	1344	BDL

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Total, micro gm/l	Mercury, micro gm/l
0.015	0.3	3.1	6.7	ND	3.2	3.6	920	
0.015	0.9	5.1	1.9	30	6.9	5.4	ND	
0.150	0.8	1.3	3.2	14.0	6.5	3.2	120	BDL
0.829	3.6	0.9	3.2	70	2.6	6.8	600	BDL
0.079	1.2	8.5	8.9	53	3.9	7.8	595	BDL
0.049	2.3	2.3	5.1	42	5.3	6.0	15130	BDL
0.125	2.3	8.4	7.2	25	2.3	5.6	2035	BDL
0.076	1.8	4.4	6.6	20.0	2.9	3.2	16128	BDL
0.030	0.3	7.6	5.7	18	0.3	12.7	9292	BDL
BDL	0.9	7.7	2.4	63	3.1	10.1	700	BDL
0.086	2.6	1.9	3.4	45	2.5	5.4	542	BDL
0.068	2.9	3.0	5.6	20	6.1	1.9	120	BDL

B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l	Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Total, micro gm/l	Mercury, micro gm/l
0.114	1.4	2.1	7.4	ND	3.1	2.0	4200	
0.466	1.7	8.6	7.3	54	7.1	7.1	710	
0.117	0.3	3.0	0.8	40	1.5	1.6	888	BDL
0.284	2.5	5.4	7.0	76.36	6.1	3.0	72	BDL
0.019	1.0	12.3	7.3	22	8.2	9.8	41146	BDL
0.212	2.1	9.6	4.4	22	6.3	12.0	2659	BDL
0.125	1.9	3.6	6.6	15.0	2.3	4.1	13133	BDL

0.057	0.4	6.4	3.6	35	1.2	9.7	8467	BDL
0.053	1.8	8.8	7.4	85	6.4	10.4	540	BDL
0.214	1.7	1.6	1.5	63	2.1	4.2	379	BDL
0.075	2.6	3.3	2.9	22	5.5	1.6	182	BDL

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	Iron Total, micro gm/l	Mercury, micro gm/l
2.396	2.7	4.5	9.8	70.0	4.3	7.0	1270	
0.825	0.4	6.0	7.3	54	4.7	1.1	780	
1.702	1.8	6.8	6.3	18.0	6.6	10.1	1520	BDL
0.352	0.3	7.7	6.3	55	4.6	2.9	5480	BDL
0.874	2.1	4.9	7.2	69.72	0.7	9.6	1258	BDL
0.734	2.6	2.8	7.8	38	3.8	11.4	1234	BDL
0.901	2.4	6.0	7.3	34	4.4	7.8	2645	BDL
1.340	4.6	7.4	8.7	ND	6.0	8.3	8640	BDL
0.076	0.6	3.4	2.9	31	1.6	14.6	8823	BDL
0.114	BDL	6.7	6.8	35	1.6	25.6	790	BDL
1.552	2.8	4.2	5.7	51	3.1	5.9	336	BDL
0.628	2.9	7.3	7.7	35	4.1	6.8	456	BDL

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	Iron Total, micro gm/l	Mercury, micro gm/l
0.023	1.1	0.5	9.0	13.0	4.1	3.3	1870	
0.132	0.6	8.1	2.1	62	3.9	4.6	2920	
0.113	2.0	1.6	1.2	24.0	1.9	4.1	2170	BDL
0.023	0.7	BDL	5.4	48	4.5	6.2	1610	BDL
0.026	0.7	3.5	6.3	7	1.6	7.6	2669	BDL
0.053	1.8	2.3	8.3	46	4.4	1.1	9067	BDL
0.019	0.8	0.7	6.0	52	4.9	2.7	14246	BDL

ND	1.9	4.3	7.2	46.0	1.5	4.4	3226	BDL
0.038	0.2	4.0	4.9	13	1.9	4.1	13939	BDL
0.008	0.3	4.8	2.3	36	1.1	4.9	3270	BDL
0.008	2.8	2.4	3.4	36	8.4	3.3	489	BDL
0.026	2.9	4.7	12.1	32	1.4	5.1	269	BDL

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	Total, micro gm/l	Mercury, micro gm/l
0.087	0.3	2.2	1.3	48.0	2.0	6.4	1940	
0.042	0.5	6.3	8.4	154	5.3	7.6	160	
0.042	0.9	3.0	3.3	30.0	4.7	5.3	1110	BDL
0.026	0.4	3.3	4.6	50	0.7	BDL	3910	BDL
0.007	0.4	4.9	6.8	19.9	3.8	4.8	1502	BDL
0.061	2.1	4.8	8.9	10	3.5	2.1	3816	BDL
0.163	0.9	5.0	9.5	17	4.6	1.0	3874	BDL
0.008	2.2	4.3	7.1	20.0	2.4	5.9	15053	BDL
0.011	1.8	7.3	3.2	55	2.7	8.3	15533	BDL
0.019	1.1	3.1	BDL	26	1.1	12.3	1380	BDL
0.026	1.8	1.3	4.1	15	6.4	1.5	283	BDL
0.060	1.5	4.4	3.1	15	0.9	3.8	125	BDL

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	Total, micro gm/l	Mercury, micro gm/l
0.136	0.9	3.2	3.3	77.0	4.9	18.2	980	
0.034	0.6	7.8	8.8	125	11.3	5.9	10300	
0.189	2.3	7.0	4.0	72.0	7.0	3.9	12160	BDL
0.061	0.4	10.1	1.4	115	7.1	2.7	2950	BDL

0.019	0.6	2.4	8.7	53	3.2	0.4	2909	BDL
0.178	1.5	6.4	9.6	36	7.1	2.2	6557	BDL
0.121	2.1	4.9	5.4	18	5.6	12.9	6806	BDL
0.038	1.0	6.1	1.1	3.0	10.4	8.6	4954	BDL
0.049	1.8	6.9	3.6	60	1.0	9.4	14803	BDL
0.049	0.9	2.6	4.9	68	1.0	7.6	980	BDL
0.225	5.6	2.3	10.1	24	6.7	4.6	245	BDL
0.120	0.9	4.9	0.8	42	1.5	5.5	158	BDL

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	Total, micro gm/l	Mercury, micro gm/l
0.061	1.1	5.3	11.2	25.0	3.5	1.9	710	
0.030	0.4	8.9	9.1	119	7.1	9.7	470	
0.076	1.1	5.9	0.3	58.0	3.7	7.3	3310	BDL
0.030	0.6	3.5	3.5	70	3.3	3.8	3540	BDL
0.182	0.4	2.9	5.3	15	1.9	0.8	888	BDL
0.113	2.5	3.8	7.4	15	3.1	4.6	226	BDL
0.087	2.6	6.1	5.4	23	3.0	10.1	1786	BDL
0.030	2.1	5.9	6.8	13.0	1.6	8.4	13325	BDL
0.019	1.8	4.3	2.4	68	0.6	6.9	15245	BDL
0.019	0.7	1.8	1.9	50	1.4	6.8	640	BDL
0.068	1.2	3.9	5.4	17	9.1	3.4	331	BDL
0.041	0.6	3.3	4.8	12	2.1	5.1	691	BDL

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	Total, micro gm/l	Mercury, micro gm/l
0.008	2.3	2.0	2.4	20.0	0.7	6.3	190	
0.341	0.3	7.1	1.3	ND	9.8	5.6	120	

0.019	0.6	1.9	0.0	80.0	3.9	2.9	96	BDL
BDL	0.4	3.0	8.4	38	1.1	3.0	180	BDL
0.011	0.4	1.8	5.6	23	1.3	1.0	1627	BDL
0.015	1.7	0.6	1.1	57	0.6	6.6	53	BDL
0.026	1.8	4.3	8.4	60	4.5	6.1	154	BDL
0.030	1.9	0.9	7.6	3.0	4.2	3.9	941	BDL
0.061	1.9	6.8	6.6	36	3.8	18.6	16474	BDL
0.023	0.5	9.6	1.3	41	7.3	6.4	390	BDL
0.008	4.1	1.2	6.6	9	5.2	4.1	592	BDL
0.045	1.1	1.8	4.6	33	2.6	1.6	317	BDL

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	Total, micro gm/l	Mercury, micro gm/l
ND	2.4	5.4	1.1	12.0	1.1	8.3	570	BDL
0.011	0.5	3.4	0.3	ND	6.4	3.6	510	BDL
0.049	0.6	1.7	2.6	20.0	5.9	2.6	880	BDL
BDL	0.6	3.6	7.5	40	1.3	3.2	2200	BDL
0.019	0.5	3.6	5.1	60	1.4	7.0	782	BDL
0.174	2.4	3.9	2.8	92	2.3	10.3	739	BDL
0.011	1.6	2.9	9.3	38	4.9	3.3	4498	BDL
ND	2.1	1.6	7.6	16.0	3.0	4.8	4416	BDL
0.034	0.5	4.7	5.8	48	1.4	7.4	940	BDL
0.060	3.9	1.8	4.4	16	3.4	3.8	1420	BDL
0.026	1.2	2.4	3.3	51	3.7	4.9	1344	BDL
0.0	0.5	1.6	0.3	12.0	1.1	3.2	510.0	0.0
0.2	3.9	5.4	9.3	92.0	6.4	10.3	4498.0	0.0
0.0	1.6	3.3	4.7	41.4	2.9	5.6	1663.5	#DIV/0!

