

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	2013	24	8.0	8.7	0.9	4.7	184	0.465	ND
Feb		29	8.1	8.9	0.8	6.8	187	0.295	0.112
Mar		32	8.4	8.0	1.0	5.0	208	1.081	0.112
Apr		33	8.4	6.8	0.3	4.1	217	0.496	0.392
May		36	7.9	7.1	1.2	7.7	194	0.338	0.112
June		29	7.7	7.05	1.5	10.6	125	0.338	0.385
July		29	7.7	7.05	1.5	10.6	125	0.338	0.385
Aug		29	7.8	6.5	0.5	19.8	80	0.690	0.220
Sept		28	8.0	6.5	0.3	10.3	110	0.079	0.224
Oct			7.9	5.9	0.4	5.6	125	0.192	0.112
Nov									
Dec									
Minimum		24	7.7	5.9	0.3	4.1	80	0.079	0.112
Maximum		36	8.4	8.9	1.5	19.8	217	1.081	0.392
Average		30	8.0	7.3	0.8	8.5	156	0.431	0.228

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	2013	20	8.4	8.6	1.6	8.2	214	0.528	0.112
Feb		30	8.2	9.3	0.9	7.3	173	0.179	0.112
Mar		34	8.0	8.6	1.3	6.0	183	0.259	0.112
Apr		32	8.3	8.0	1.4	8.0	188	0.163	0.336
May		36	8.3	6.0	1.0	7.7	205	0.436	0.112
June		27	8.1	7.3	1.6	10.6	132	0.106	0.495
July		27	8.1	7.3	1.6	10.6	132	0.106	0.495
Aug		28	7.0	6.6	0.4	9.0	75	0.477	0.275
Sept		29	7.8	6.7	0.3	8.6	111	0.364	0.112
Oct			7.9	7.3	0.4	8.4	119	0.208	0.112
Nov									
Dec									
Minimum		20	7.0	6.0	0.3	6.0	74.59	0.106	0.112
Maximum		36	8.4	9.3	1.6	10.6	214	0.528	0.495

Average	29	8.0	7.6	1.0	8.4	153	0.283	0.227
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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	2013	20	8.3	8.6	1.6	10.6	183	0.483	0.168	
Feb		30	8.2	7.9	1.0	9.8	177	0.268	0.112	
Mar		34	8.4	7.5	1.4	6.0	186	0.212	0.168	
Apr		32	8.2	9.1	0.7	6.6	188	0.116	0.280	
May		36	8.5	7.6	1.0	5.8	187	0.489	0.112	
June		28	7.4	7.15	1.4	12.4	133	0.016	0.605	
July		28	7.4	7.15	1.4	12.4	133	0.016	0.605	
Aug		29	7.6	6.9	0.5	16.2	97	0.376	0.220	
Sept		29	7.9	6.4	0.5	6.9	124	0.390	0.336	
Oct			8.2	6.9	0.4	8.4	125	0.184	0.168	
Nov										
Dec										
Minimum		20	7.4	6.4	0.4	5.8	97	0.016	0.112	
Maximum		36	8.5	9.1	1.6	16.2	188	0.489	0.605	
Average		30	8.0	7.5	1.0	9.5	153	0.255	0.277	

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	2013	22	6.6	8.4	2.0	12.7	193	0.620	0.280	
Feb		30	8.2	7.3	1.6	14.6	220	1.577	0.110	
Mar		35	7.0	7.3	1.9	7.0	190	0.610	0.224	
Apr		32	8.3	8.8	1.2	8.8	189	0.208	0.280	
May		36	7.8	6.0	2.2	12.8	195	0.286	0.112	
June		28	7.7	7.5	2.2	17.7	148	0.210	0.605	
July		28	7.7	7.5	2.2	17.7	148	0.210	0.605	
Aug		29	7.1	6.8	0.8	18.0	101	0.029	0.165	
Sept		29	8.0	6.2	0.8	8.6	132	0.375	0.392	
Oct			8.2	6.9	0.7	9.8	134	0.118	0.224	
Nov										
Dec										
Minimum		22	6.6	6.0	0.7	7.0	101	0.029	0.110	
Maximum		36	8.3	8.8	2.2	18.0	220	1.577	0.605	
Average		30	7.7	7.3	1.6	12.8	165	0.424	0.300	

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	2013	22	6.9	8.9	1.5	9.7	215	0.383	0.280
Feb		30	7.2	10.9	1.9	15.4	302	0.210	0.392
Mar		35	8.4	6.7	2.1	13.9	483	0.892	0.280
Apr		32	8.4	10.0	0.4	12.3	466	0.343	0.392
May		34	8.5	7.5	2.2	11.5	453	0.387	0.112
June		26	7.5	7.6	1.8	15.9	165	0.616	0.660
July		26	7.5	7.6	1.8	15.9	165	0.616	0.660
Aug		29	8.0	6.6	1.3	10.8	110	0.751	0.275
Sept		28	7.7	7.5	0.4	10.3	132	0.497	0.224
Oct			8.0	7.0	0.5	8.4	123	0.263	0.112
Nov									
Dec									
Minimum		22	6.9	6.6	0.4	8.4	110	0.210	0.112
Maximum		35	8.5	10.9	2.2	15.9	483	0.892	0.660
Average		29	7.8	8.0	1.4	12.4	261	0.496	0.339

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	2013	20	7.8	7.7	1.0	5.8	209	0.726	0.280
Feb		30	8.1	8.6	1.8	10.9	197	0.522	0.200
Mar		34	8.4	8.7	2.2	16.9	208	0.524	0.504
Apr		30	7.6	7.4	0.9	10.1	233	0.099	0.280
May		33	8.0	6.0	1.2	5.8	183	0.346	0.330
June		28	8.1	7.6	1.2	12.4	216	0.455	0.275
July		28	8.1	7.6	1.2	12.4	216	0.455	0.275
Aug		28	7.2	5.4	0.4	9.0	168	0.398	0.275
Sep		25	8.2	7.1	0.7	10.4	191	0.673	0.280
Oct			7.9	6.3	0.7	14.0	172	0.524	0.112
Nov									
Dec									
Minimum		20	7.2	5.4	0.4	5.8	168	0.099	0.112
Maximum		34	8.4	8.7	2.2	16.9	233	0.726	0.504

Average	28	7.9	7.2	1.1	10.8	199	0.472	0.281
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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	2013	21	8.1	8.7	1.5	10.6	186	0.534	0.224
Feb		29	8.1	7.9	3.6	30.9	255	0.697	0.450
Mar		35	8.4	8.2	1.3	10.0	209	0.484	0.112
Apr		30	8.3	8.1	0.3	14.1	221	0.315	0.280
May		33	7.6	5.5	1.6	7.7	228	0.436	0.112
June		30	8.3	7.15	1.6	14.2	224	0.292	0.275
July		30	8.3	7.15	1.6	14.2	224	0.292	0.275
Aug		28	8.0	7.6	0.4	9.0	144	0.544	0.165
Sept		25	7.8	7.5	0.7	10.3	183	0.699	0.224
Oct			8.1	7.5	0.4	7.0	168	0.177	0.112
Nov									
Dec									
Minimum		21	7.6	5.5	0.3	7.0	144	0.177	0.112
Maximum		35	8.4	8.7	3.6	30.9	255	0.699	0.450
Average		29	8.1	7.5	1.3	12.8	204	0.447	0.223

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	2013	20	8.4	7.6	3.5	20.7	269	0.426	0.336
Feb		28	8.0	7.3	2.6	28.7	243	0.340	0.336
Mar		34	8.1	7.4	3.7	23.9	264	0.656	0.448
Apr		32	8.4	6.7	2.9	27.6	266	0.616	0.168
May		34	8.0	5.6	4.2	28.5	268	0.431	0.220
June		31	7.9	6.7	2.2	20.9	246	0.454	0.385
July		31	7.9	6.7	2.2	20.9	246	0.454	0.385
Aug		27	7.1	7.0	3.3	28.8	208	5.624	0.055
Sept		27	7.1	7.2	2.4	20.7	191	0.615	0.168
Oct			7.9	6.4	2.2	23.8	194	0.395	0.224
Nov									
Dec									
Minimum		20	7.1	5.6	2.2	20.7	191.3	0.340	0.055
Maximum		34	8.4	7.6	4.2	28.8	269	5.624	0.448
Average		29	7.9	6.9	2.9	24.5	240	1.001	0.273

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	2013	20	6.9	8.0	2.3	12.7	224	0.491	ND
Feb		29	7.8	8.2	1.6	9.1	182	0.410	0.504
Mar		31	8.2	7.7	2.5	19.0	209	0.348	0.168
Apr		30	8.4	7.6	2.2	22.3	226	0.378	0.280
May		36	7.7	6.1	2.6	19.0	213	0.324	0.112
June		28	8.0	7.15	1.9	14.2	217	0.103	0.495
July		28	8.0	7.15	1.9	14.2	217	0.103	0.495
Aug		27	8.3	7.0	0.4	9.0	158	0.643	0.275
Sept		26	7.4	6.9	1.4	15.5	182	0.595	0.224
Oct			7.9	6.9	1.3	16.8	187	0.413	0.112
Nov									
Dec									
Minimum		20	6.9	6.1	0.4	9.0	158	0.103	0.112
Maximum		36	8.4	8.2	2.6	22.3	226	0.643	0.504
Average		28	7.9	7.3	1.8	15.2	201	0.381	0.296

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	2013	20	6.9	8.0	2.7	19.4	192	0.216	0.224
Feb		29	7.4	7.3	2.2	19.1	212	0.646	0.224
Mar		31	8.0	7.2	3.6	21.9	270	1.477	0.112
Apr		30	7.0	6.7	2.8	24.1	262	1.117	0.224
May		35	7.9	5.5	3.6	23.8	265	0.326	0.112
June		31	7.6	6.9	1.9	14.2	205	0.757	0.385
July		31	7.6	6.9	1.9	14.2	205	0.757	0.385
Aug		27	7.5	5.9	2.5	21.6	156	0.133	0.330
Sep		26	7.9	7.4	1.8	17.3	188	0.342	0.224
Oct			7.6	5.8	1.4	19.6	163	0.308	0.168
Nov									
Dec									
Minimum		20	6.9	5.5	1.4	14.2	155.6	0.133	0.112
Maximum		35	8.0	8.0	3.6	24.1	270	1.477	0.385

Average	29	7.5	6.8	2.4	19.5	212	0.608	0.239
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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	2013	20	8.2	8.1	1.0	8.6	193	0.664	0.112
Feb		29	8.1	8.1	1.0	8.8	201	0.626	0.336
Mar		34	7.9	7.6	1.8	8.0	217	0.135	0.112
Apr		30	8.4	8.0	0.8	10.6	226	0.111	0.168
May		33	7.5	6.7	1.0	5.8	207	0.549	0.112
June		28	8.1	6.3	1.3	14.2	228	0.376	0.550
July		28	8.1	6.3	1.3	14.2	228	0.376	0.550
Aug		28	7.6	5.1	0.4	10.8	165	8.915	0.275
Sep		25	7.6	7.7	0.7	10.3	183	0.605	0.280
Oct			8.0	6.1	0.4	11.2	188	0.756	0.224
Nov									
Dec									
Minimum		20	7.5	5.1	0.4	5.8	165	0.111	0.112
Maximum		34	8.4	8.1	1.8	14.2	228	8.915	0.550
Average		28	7.9	7.0	1.0	10.2	204	1.311	0.272

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	2013	23	7.1	7.5	1.8	12.7	188	0.528	0.224
Feb		30	7.6	7.9	1.6	12.8	203	0.391	0.448
Mar		35	8.4	7.0	2.3	14.9	211	0.364	0.224
Apr		30	8.4	7.8	1.2	12.1	215	0.404	0.280
May		33	7.8	6.4	2.1	13.5	227	0.347	0.112
June		28	8.1	6.3	1.2	12.4	217	0.210	0.440
July		28	8.1	6.3	1.2	12.4	217	0.210	0.440
Aug		28	8.2	5.5	0.6	12.6	189	0.765	0.330
Sep		25	8.1	7.5	0.8	12.7	185	0.503	0.336
Oct			7.9	5.8	0.6	12.6	190	0.263	0.224
Nov									
Dec									
Minimum		23	7.1	5.5	0.6	12.1	185	0.210	0.112

Dec									
Minimum	25	7.3	6.4	0.6	5.6	166	0.145	0.168	
Maximum	35	8.4	8.9	1.8	13.9	289	0.950	0.448	
Average	29	8.0	7.4	1.1	9.9	223	0.422	0.299	

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	2013	23	7.2	8.6	1.4	5.8	209	0.208	ND
Feb		26	7.3	8.2	1.3	9.1	225	0.336	0.336
Mar		35	7.1	8.4	0.7	8.0	258	0.085	0.168
Apr		31	8.0	8.2	0.7	10.4	219	0.167	0.224
May		31	8.2	7.2	2.0	13.1	238	0.174	0.504
June		27	8.0	6	0.6	8.2	190	0.644	0.168
July		27	8.0	6	0.6	8.2	190	0.644	0.168
Aug		26	7.3	6.3	0.6	9.8	144	0.459	0.448
Sept		35	7.5	6.8	0.5	9.1	193	0.070	0.504
Oct			8.0	7.1	0.8	9.8	191	0.838	0.112
Nov									
Dec									
Minimum	23	7.1	6.0	0.5	5.8	144	0.070	0.112	
Maximum	35	8.2	8.6	2.0	13.1	258	0.838	0.504	
Average	29	7.7	7.3	0.9	9.1	206	0.363	0.292	

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	2013	24	8.1	8.6	1.3	8.6	206	0.491	0.112
Feb		27	8.2	8.5	1.3	9.8	218	0.389	0.224
Mar		32	8.0	8.0	1.5	9.0	209	0.109	0.168
Apr		32	8.4	8.2	1.1	8.9	204	0.242	0.168
May		31	8.1	7.5	1.8	8.0	264	1.158	0.028
June		36	8.2	8	1	6.9	198	0.212	0.280
July		36	8.2	8	1	6.9	198	0.212	0.280
Aug		26	7.9	6.3	1.0	13.8	142	0.092	0.280
Sept		34	7.9	6.2	0.6	7.2	195	0.143	0.056

Oct			8.3	7.4	0.8	6.8	189	0.206	0.280
Nov									
Dec									
Minimum		24	7.9	6.2	0.6	6.8	142	0.092	0.028
Maximum		36	8.4	8.6	1.8	13.8	264	1.158	0.280
Average		31	8.1	7.7	1.1	8.6	202	0.325	0.188

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	2013	24	8.4	7.6	2.8	22.7	206	0.085	0.336
Feb		26	7.0	8.2	2.7	22.3	226	0.375	0.336
Mar		32	8.4	7.2	2.8	19.0	226	0.249	0.280
Apr		33	8.2	7.8	2.7	22.9	215	0.076	0.224
May		33	8.2	7.2	2.7	22.5	198	0.187	0.112
June		35	7.7	7	2.6	28.9	203	0.206	0.280
July		35	7.7	7	2.6	28.9	203	0.206	0.280
Aug		27	7.7	6.7	2.2	23.6	169	0.588	0.280
Sept		33	7.5	6.0	1.6	12.6	196	0.153	0.280
Oct			8.2	7.2	2.0	13.6	218	0.385	0.392
Nov									
Dec									
Minimum		24	7.0	6.0	1.6	12.6	169	0.076	0.112
Maximum		35	8.4	8.2	2.8	28.9	226	0.588	0.392
Average		31	7.9	7.2	2.5	21.7	206	0.251	0.280

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	2013	22	8.4	8.0	2.2	18.8	204	0.621	0.224
Feb		26	8.0	8.0	2.4	20.8	219	0.496	0.112
Mar		32	7.9	7.8	2.2	17.0	216	0.307	0.112
Apr		33	7.8	7.2	2.0	19.1	215	0.121	0.168
May		33	8.2	8.1	2.0	12.8	196	0.289	0.112
June		34	8.2	7.9	2.3	25.5	192	0.058	0.616
July		34	8.2	7.9	2.3	25.5	192	0.058	0.616
Aug		27	7.5	6.4	1.4	15.8	153	0.649	0.336

Sep		32	7.7	6.6	1.5	10.8	184	1.257	0.280
Oct			8.2	7.7	1.5	11.9	216	0.204	0.168
Nov									
Dec									
Minimum		22	7.5	6.4	1.4	10.8	153	0.058	0.112
Maximum		34	8.4	8.1	2.4	25.5	219	1.257	0.616
Average		30	8.0	7.6	2.0	17.8	199	0.406	0.274

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	2013	22	8.3	7.0	4.6	32.6	223	0.762	0.336	
Feb		25	8.1	6.9	3.8	32.8	215	0.489	0.224	
Mar		30	8.4	6.9	3.8	28.9	215	0.454	0.280	
Apr		32	8.2	6.6	4.3	37.1	243	0.098	0.224	
May		33	8.4	7.2	4.8	30.5	198	0.280	0.112	
June		30	8.3	7.5	3.6	30.6	204	0.296	0.616	
July		30	8.3	7.5	3.6	30.6	204	0.296	0.616	
Aug		25	7.8	6.9	3.4	25.6	165	0.390	0.336	
Sept		30	8.2	6.1	2.5	19.9	216	0.567	0.392	
Oct				7.6	7.6	3.6	27.2	216	0.071	0.224
Nov										
Dec										
Minimum		22	7.6	6.1	2.5	19.9	165	0.071	0.112	
Maximum		33	8.4	7.6	4.8	37.1	243	0.762	0.616	
Average		29	8.2	7.0	3.8	29.6	210	0.370	0.336	

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	2013	23	8.3	7.9	2.8	18.7	226	2.038	0.168
Feb		26	7.2	6.6	3.1	25.5	233	0.915	0.392
Mar		30	8.4	7.1	2.2	18.0	229	0.569	0.168
Apr		33	8.1	7.1	2.2	18.9	220	0.040	0.336
May		35	7.5	5.9	1.8	12.8	214	0.512	0.168
June		32	7.6	8	1.4	13.8	209	1.665	0.550
July		32	7.6	8	1.4	13.8	209	1.665	0.550

Aug		28	7.4	7.2	1.6	19.9	164	0.343	0.280
Sept		29	7.7	6.5	1.9	16.3	188	0.470	0.672
Oct			8.3	7.4	0.6	10.2	195	0.486	0.336
Nov									
Dec									
Minimum		23	7.2	5.9	0.6	10.2	164	0.040	0.168
Maximum		35	8.4	8.0	3.1	25.5	233	2.038	0.672
Average		30	7.8	7.2	1.9	16.8	209	0.870	0.362

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	2013	23	8.4	6.3	4.4	32.4	328	7.117	0.224
Feb		26	7.0	6.6	3.9	37.5	251	1.433	0.504
Mar		31	8.3	6.2	4.4	36.0	313	5.237	0.392
Apr		33	7.5	6.5	3.8	30.5	266	0.140	0.336
May		37	7.7	5.0	4.4	32.1	263	2.086	0.280
June		34	7.9	5.9	5	32.8	304	0.324	0.605
July		34	7.9	5.9	5	32.8	304	0.324	0.605
Aug		26	7.4	6.8	4.3	31.8	160	0.442	0.392
Sept		30	7.5	4.3	3.7	19.9	191	0.535	0.560
Oct			8.0	6.6	3.4	23.8	231	0.656	0.280
Nov									
Dec									
Minimum		23	7.0	4.3	3.4	19.9	160	0.140	0.224
Maximum		37	8.4	6.8	5.0	37.5	328	7.117	0.605
Average		30	7.8	6.0	4.2	31.0	261	1.829	0.418

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	2013	22	6.8	4.7	3.2	28.4	291	4.135	0.368
Feb		28	6.7	6.9	3.0	27.5	282	2.682	0.560
Mar		32	7.8	6.1	4.1	30.0	306	4.799	0.168
Apr		33	8.0	6.7	3.6	27.6	264	2.449	0.224
May		37	8.1	7.5	2.6	17.7	268	3.049	0.280
June		33	7.4	6.5	3.7	22.4	303	2.693	0.728

July	2013	33	7.4	6.5	3.7	22.4	303	2.693	0.728
Aug		25	7.5	5.6	3.8	25.9	167	0.637	0.168
Sep		30	7.3	4.6	2.8	10.9	194	0.391	0.448
Oct			7.9	5.3	2.9	20.4	211	1.022	0.336
Nov									
Dec									
Minimum		22	6.7	4.6	2.6	10.9	167	0.391	0.168
Maximum		37	8.1	7.5	4.1	30.0	306	4.799	0.728
Average		30	7.5	6.0	3.3	23.3	259	2.455	0.401

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	2013	20	7.5	9.0	1.2	9.7	181	0.316	0.112
Feb		26	7.6	9.0	0.8	10.9	223	1.260	0.280
Mar		26	8.1	8.0	1.9	8.0	246	0.897	0.168
Apr		31	8.0	7.6	0.7	7.1	216	0.275	0.336
May		29	7.0	6.6	2.6	16.9	628	0.439	0.385
June		27	7.9	6.5	2.1	22.0	233	1.420	0.280
July		27	7.9	6.5	2.1	22.0	233	1.420	0.280
Aug		27	7.9	5.9	1.1	21.5	163	1.085	0.330
Sep		37	8.0	8.0	1.0	15.7	195	0.567	0.336
Oct			7.7	7.0	1.0	15.4	132	0.308	0.168
Nov									
Dec									
Minimum		20	7.0	5.9	0.7	7.1	132	0.275	0.112
Maximum		37	8.1	9.0	2.6	22.0	628	1.420	0.385
Average		28	7.8	7.4	1.5	14.9	245	0.799	0.268

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		23	7.9	8.5	1.7	11.6	2099	0.572	0.112
February		25	8.1	8.6	1.4	8.6	2092	0.505	0.112
Mar		30	8.4	8.6	1.6	14.0	8702	0.226	0.112
Apr		33	7.9	7.1	1.6	8.8	2084	0.408	0.280

May	2013	28	8.0	7.1	2.1	17.2	198	0.950	0.165
June		27	7.9	6.3	1.6	18.0	218	0.911	0.336
July		27	7.9	6.3	1.6	18.0	218	0.911	0.336
Aug		31	7.9	6.8	0.8	13.6	141	0.206	0.440
Sep		28	8.4	8.4	0.6	8.7	203	0.399	0.280
Oct			7.9	7.2	2.1	37.8	222	1.634	0.168
Nov									
Dec									
Minimum		23	7.9	6.3	0.6	8.6	141	0.206	0.112
Maximum		33	8.4	8.6	2.1	37.8	8702	1.634	0.440
Average		28	8.0	7.5	1.5	15.6	1618	0.672	0.234

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	2013	20	8.1	7.7	2.4	30.1	22730	1.547	0.392
February		24	8.2	8.6	1.6	16.4	20285	0.544	0.504
March		27	7.9	7.3	1.8	20.0	34350	0.701	0.000
April		33	8.3	7.6	1.8	17.6	27030	0.962	0.280
May		25	7.8	8.1	2.7	34.4	8192	0.160	0.385
June		27	8.2	6.5	1.6	22.0	347	0.836	0.448
July		27	8.2	6.5	1.6	22.0	347	0.836	0.448
Aug		29	7.9	6.8	1.3	9.7	147	0.281	0.110
Sep		25	7.8	7.8	1.0	8.7	7515	0.650	0.392
Oct			8.2	7.4	1.0	18.2	219	0.279	0.224
Nov									
Dec									
Minimum		20	7.8	6.5	1.0	8.7	147.2	0.160	0.000
Maximum		33	8.3	8.6	2.7	34.4	34350	1.547	0.504
Average		26	8.1	7.4	1.7	19.9	12116	0.680	0.318

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		26	7.1	8.6	1.8	7.8	209	0.354	0.224
Feb		30	7.9	10.4	1.3	9.1	223	0.362	0.504
Mar		34	7.8	8.8	1.0	6.0	258	0.248	0.112

Apr	2013	31	8.4	8.4	1.5	7.1	177	0.554	0.280	
May		36	7.5	6.8	1.3	6.4	132	0.746	0.220	
June		31	7.9	7.1	0.9	10.6	138	0.720	0.605	
July		31	7.9	7.1	0.9	10.6	138	0.720	0.605	
Aug		26	8.2	6.0	0.7	21.6	187	0.489	0.330	
Sep		29	8.0	6.8	0.8	15.5	194	0.027	0.336	
Oct			8.4	6.9	1.2	11.2	217	0.719	0.224	
Nov										
Dec										
Minimum			26	7.1	6.0	0.7	6.0	132	0.027	0.112
Maximum			36	8.4	10.4	1.8	21.6	258	0.746	0.605
Average			30	7.9	7.7	1.1	10.6	187	0.494	0.344

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	2013	25	7.9	8.5	1.2	11.6	192	0.316	0.112
Feb		27	8.3	8.4	1.6	11.6	189	0.304	0.224
Mar		32	8.3	7.5	1.8	12.8	189	0.539	0.280
Apr		32	8.3	7.8	0.8	5.4	197	0.074	0.336
May		31	8.3	8.0	1.4	12.8	214	1.650	0.336
June		31	8.2	8	1.6	13.8	212	1.205	1.400
July		31	8.2	8	1.6	13.8	212	1.205	1.400
Aug		26	7.9	6.5	1.4	13.8	150	0.128	0.336
Sep		35	8.0	6.9	0.4	5.4	188	0.673	0.224
Oct			8.3	7.4	0.6	10.2	195	0.486	0.336
Nov									
Dec									
Minimum		25	7.9	6.5	0.4	5.4	150	0.074	0.112
Maximum		35	8.3	8.5	1.8	13.8	214	1.650	1.400
Average		30	8.2	7.7	1.2	11.1	194	0.658	0.498

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
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Jan	2013	25	7.4	3.6	16.0	57.7	585	10.184	0.784
Feb		26	8.4	3.1	18.4	78.5	601	11.154	0.280
Mar		30	7.3	2.6	20.8	59.8	694	9.403	0.280
Apr		32	8.3	1.5	12.1	83.6	664	3.906	0.616
May		31	7.1	0.3	27.5	64.2	317	1.382	0.616
June		34	7.9	5.5	6.1	36.2	511	2.067	0.280
July		34	7.9	5.5	6.1	36.2	511	2.067	0.280
Aug		26	7.0	5.3	6.3	45.3	183	0.794	0.448
Sep		32	7.6	5.1	5.5	21.7	345	2.286	0.392
Oct			7.2	3.6	5.3	32.3	286	0.670	0.224
Nov									
Dec									
Minimum		25	7.0	0.3	5.3	21.7	183	0.670	0.224
Maximum		34	8.4	5.5	27.5	83.6	694	11.154	0.784
Average		30	7.6	3.6	12.4	51.6	470	4.391	0.420

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	2013	23	8.1	7.8	3.5	26.6	224	1.464	0.336
Feb		25	8.4	7.5	2.8	21.6	224	0.503	0.336
Mar		30	8.4	7.2	2.6	22.8	226	0.246	0.168
Apr		31	8.1	7.8	3.6	27.1	215	0.095	0.336
May		33	8.4	7.9	3.2	27.3	192	0.285	0.280
June		34	8.0	7.5	2.6	20.7	210	0.768	0.392
July		34	8.0	7.5	2.6	20.7	210	0.768	0.392
Aug		25	7.6	6.9	2.6	23.6	157	0.302	0.168
Sep		30	7.7	7.0	1.8	14.5	197	0.077	0.784
Oct			8.3	7.5	2.7	22.1	194	0.307	0.504
Nov									
Dec									
Minimum		23	7.6	6.9	1.8	14.5	157	0.077	0.168
Maximum		34	8.4	7.9	3.6	27.3	226	1.464	0.784
Average		29	8.1	7.5	2.8	22.7	205	0.481	0.370

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	2013	23	7.7	8.8	1.6	7.8	210	0.463	0.392
Feb		26	7.7	8.4	1.6	12.8	223	0.212	0.336
Mar		30	8.3	7.6	1.6	6.0	212	1.410	0.448
Apr		31	8.1	7.7	1.5	8.6	214	0.209	0.112
May		35	8.4	6.2	0.7	11.2	187	0.156	0.336
June		32	8.3	10.7	0.6	6.9	210	0.189	0.550
July		32	8.3	10.7	0.6	6.9	210	0.189	0.550
Aug		28	7.2	5.5	1.1	9.9	168	0.634	0.224
Sep		29	8.1	6.7	0.9	5.4	195	0.038	0.560
Oct			7.7	7.4	1.4	8.5	192	0.328	0.168
Nov									
Dec									
Minimum		23	7.2	5.5	0.6	5.4	168	0.038	0.112
Maximum		35	8.4	10.7	1.6	12.8	223	1.410	0.560
Average		30	8.0	8.0	1.2	8.4	202	0.383	0.368

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	2013	23	6.7	4.0	8.3	57.2	399	7.442	0.224
Feb		28	6.9	2.1	19.7	69.4	414	10.191	0.500
Mar		32	8.0	3.0	8.6	66.0	353	8.889	0.280
Apr		32	8.1	2.3	8.0	67.6	411	5.067	0.392
May		37	7.5	2.1	13.3	83.5	568	2.402	0.224
June		34	7.6	4.1	8.1	44.8	328	3.423	0.550
July		34	7.6	4.1	8.1	44.8	328	3.423	0.550
Sep		30	7.1	3.6	5.9	34.4	224	1.924	0.392
Oct									
Nov									
Dec									
Minimum		23	6.7	2.1	5.9	34.4	224	1.924	0.224
Maximum		37	8.1	4.1	19.7	83.5	568	10.191	0.550
Average		31	7.4	3.2	10.0	58.5	378	5.345	0.389

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
2200	790	--	--	--	0.015	72	BDL	72	40
1100	330	--	--	--	0.013	60	BDL	60	36
5400	1700	--	--	--	ND	76	2.0	62	36
5400	2200	--	--	--	0.013	80	2.0	76	44
790	330	--	--	--	BDL	80	BDL	64	44
2400	790	--	--	--	0.010	44	BDL	52	24
2400	790	--	--	--	0.010	44	BDL	52	24
4900	2300	--	--	--	0.010	32	BDL	30	22
790	230	--	--	--	0.002	52	BDL	44	30
1400	450	--	--	--	0.008	60	BDL	42	26
790	230	0	0	0	0.002	32	2	30	22
5400	2300	0	0	0	0.015	80	2	76	44
2678	991	#####	#####	#DIV/0!	0	60	2	55	33

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
1300	330	--	--	--	BDL	88	4	84	48
1300	490	--	--	--	0.002	68	BDL	60	44
2200	1100	--	--	--	0.022	72	BDL	56	36
2400	790	--	--	--	0.009	66	2.0	60	36
230	78	--	--	--	0.007	80	2	68	40
2200	1100	--	--	--	0.017	48	BDL	40	28
2200	1100	--	--	--	0.017	48	BDL	40	28
3300	1700	--	--	--	0.001	16	BDL	24	14
3300	1300	--	--	--	0.002	40	BDL	32	24
1300	490	--	--	--	0.006	48	BDL	40	28
230	78	0	0	0	0.001	16	2	24	14
3300	1700	0	0	0	0.022	88	4	84	48

1973	848	#####	####	#DIV/0!	0	57	3	50	33
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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	Hardness CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l
2400	790	--	--	--	0.003	68	4	66	40
5400	2400	--	--	--	0.007	72	BDL	72	51
2200	790	--	--	--	ND	72	2.0	60	44
2400	1300	5.62	0.7	C	0.003	46	0.0	44	24
940	330	--	--	--	0.002	68	4	62	42
3300	1300	--	--	--	0.005	48	BDL	44	28
3300	1300	--	--	--	0.005	48	BDL	44	28
1700	790	--	--	--	0.008	40	BDL	40	26
3300	1100	--	--	--	0.005	46	BDL	44	32
2400	790	--	--	--	0.005	60	BDL	42	26
940	330	5.62	0.7	0	0.002	40	0	40	24
5400	2400	5.62	0.7	0	0.008	72	4	72	51
2734	1089	6	1	#DIV/0!	0	57	3	52	34

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
790	330	5.7	0.45	C	0.008	62	BDL	68	44
1700	790	--	--	--	0.008	90	BDL	84	60
2800	1700	--	--	--	0.009	76	BDL	60	36
3500	2200	5.8	0.59	C	0.004	76	0.0	60	32
1700	780	--	--	--	0.001	76	BDL	64	52
3900	2700	--	--	--	0.007	52	BDL	40	24
3900	2700	--	--	--	0.007	52	BDL	40	24
3300	130	--	--	--	0.005	36	BDL	30	22
3400	1400	--	--	--	0.001	54	BDL	44	32
2600	1100	6.0	0.48	C	0.01	64	BDL	46	28
790	130	5.7	0.45	0	0.001	36	0	30	22
3900	2700	6	0.59	0	0.01	90	0	84	60
2759	1383	6	1	#DIV/0!	0	64	0	54	35

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
1300	490				0.004	84	BDL	96	60
790	230	--	--	--	BDL	88	BDL	102	58
790	230	--	--	--	0.001	112	6.0	144	80
1100	490	--	--	--	0.024	88	4.0	124	76
490	230	--	--	--	0.013	100	6	124	76
4900	3300	--	--	--	0.006	48	BDL	48	32
4900	3300	--	--	--	0.006	48	BDL	48	32
7900	3300	--	--	--	0.006	40	BDL	36	24
1700	780	--	--	--	0.005	48	BDL	52	36
3300	1300	--	--	--	0.004	56	BDL	48	28
490	230	0	0	0	0.001	40	4	36	24
7900	3300	0	0	0	0.024	112	6	144	80
2717	1365	#####	#####	#DIV/0!	0	71	5	82	50

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
1100	490				BDL	80	BDL	72	48
3500	1100	--	--	--	BDL	86	BDL	82	56
1400	700	--	--	--	ND	72	2.0	72	52
1100	490	--	--	--	0.019	68	0.0	68	44
330	230	--	--	--	0.001	88	BDL	76	56
3300	1300	--	--	--	0.005	88	2	88	60
3300	1300	--	--	--	0.005	88	2	88	60
4900	2300	--	--	--	0.005	64	BDL	60	42
230	130	--	--	--	0.007	70	BDL	72	52
3300	1300	--	--	--	0.009	84	BDL	72	54
230	130	0	0	0	0.001	64	0	60	42
4900	2300	0	0	0	0.019	88	2	88	60

2246	934	#####	####	#DIV/0!	0	79	2	75	52
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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	Hardness CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l
3500	1300				BDL	76	BDL	82	52
17000	9400	--	--	--	0.001	92	BDL	92	56
9200	3500	--	--	--	0.008	72	4.0	76	48
9200	2800	--	--	--	0.013	88	2.0	72	40
7900	2200	--	--	--	0.002	88	BDL	86	56
7900	4900	--	--	--	0.003	84	BDL	82	60
7900	4900	--	--	--	0.003	84	BDL	82	60
7900	4900	--	--	--	0.003	62	BDL	52	40
3300	1700	--	--	--	0.001	62	BDL	64	52
3300	1100	--	--	--	0.01	68	BDL	70	44
3300	1100	0	0	0	0.001	62	2	52	40
17000	9400	0	0	0	0.013	92	4	92	60
7710	3670	#####	####	#DIV/0!	0	78	3	76	51

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
35000	24000	5	0.62	C	0.008	68	4	100	52
7000	4600	--	--	--	0.015	104	BDL	88	60
35000	17000	--	--	--	0.021	104	BDL	100	64
92000	54000	5	0.58	C	ND	82	6.0	84	56
14000	11000	--	--	--	0.017	104	BDL	96	60
54000	35000	--	--	--	0.002	96	BDL	88	64
54000	35000	--	--	--	0.002	96	BDL	88	64
35000	24000	--	--	--	0.007	58	BDL	60	42
35000	24000	--	--	--	0.005	64	BDL	60	48
22000	11000	6.0	0.5	C	0.008	74	BDL	66	40
7000	4600	5	0.5	0	0.002	58	4	60	40
92000	54000	6	0.62	0	0.021	104	6	100	64
38300	23960	5	1	#DIV/0!	0	85	5	83	55

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
3300	1700	--	--	--	0.010	82	BDL	88	56
1300	330	--	--	--	BDL	76	BDL	80	56
2200	1300	--	--	--	ND	84	BDL	80	56
2800	1700	--	--	--	ND	84	2.0	88	52
3300	1300	--	--	--	0.002	84	BDL	84	48
4900	3300	--	--	--	0.014	84	BDL	78	54
4900	3300	--	--	--	0.014	84	BDL	78	54
3300	1700	--	--	--	0.007	60	BDL	58	46
2400	790	--	--	--	0.003	64	BDL	66	48
4900	2300	--	--	--	0.007	88	BDL	72	44
1300	330	0	0	0	0.002	60	2	58	44
4900	3300	0	0	0	0.014	88	2	88	56
3330	1772	#####	#####	#DIV/0!	0	79	2	77	51

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
7900	4900	--	--	--	0.009	72	BDL	68	44
4900	1300	--	--	--	0.009	96	BDL	88	62
2200	1100	--	--	--	0.014	108	BDL	104	64
3500	1700	--	--	--	ND	100	0.0	100	68
2400	790	--	--	--	0.007	100	BDL	100	70
3300	1700	--	--	--	0.005	72	BDL	76	52
3300	1700	--	--	--	0.005	72	BDL	76	52
13000	7900	--	--	--	0.001	64	BDL	62	44
1100	680	--	--	--	0.008	82	BDL	72	56
11000	4900	--	--	--	0.008	68	BDL	64	38
1100	680	0	0	0	0.001	64	0	62	38
13000	7900	0	0	0	0.014	108	0	104	70

5260	2667	#####	####	#DIV/0!	0	83	0	81	55
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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	Hardness CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l
790	230	--	--	--	0.001	78	BDL	76	56
1300	230	--	--	--	0.002	76	BDL	72	52
490	130	--	--	--	0.008	88	BDL	76	48
790	230	--	--	--	0.012	80	2.0	68	44
1300	490	--	--	--	0.003	80	BDL	80	60
170	78	--	--	--	0.012	88	BDL	76	54
170	78	--	--	--	0.012	88	BDL	76	54
130	45	--	--	--	0.031	64	BDL	62	36
78	45	--	--	--	ND	70	BDL	64	48
700	130	--	--	--	0.006	80	BDL	72	52
78	45	0	0	0	0.001	64	2	62	36
1300	490	0	0	0	0.031	88	2	80	60
592	169	#####	####	#DIV/0!	0	79	2	72	50

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
1300	330	--	--	--	BDL	84	BDL	76	52
1700	490	--	--	--	0.009	84	BDL	78	52
1300	220	--	--	--	ND	80	2.0	72	60
1400	460	--	--	--	0.003	76	4.0	72	40
3400	1100	--	--	--	0.006	84	BDL	86	56
210	140	--	--	--	0.003	92	BDL	80	54
210	140	--	--	--	0.003	92	BDL	80	54
1300	270	--	--	--	0.005	68	BDL	60	44
1300	220	--	--	--	ND	62	BDL	64	48
3100	1300	--	--	--	0.007	72	BDL	70	46
210	140	0	0	0	0.003	62	2	60	40

230	78	0	0	0	0.002	56	0	44	28
9200	5400	0	0	0	0.034	98	4	94	56
3603	1623	#####	#####	#DIV/0!	0	80	2	75	47

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
3500	700	--	--	--	0.014	84	BDL	82	64
2400	790	--	--	--	0.012	92	BDL	88	52
1700	700	--	--	--	0.015	88	BDL	80	56
1400	790	--	--	--	ND	84	0.0	84	54
330	130	--	--	--	0.005	96	2	88	52
7900	1300	--	--	--	0.009	80	BDL	72	48
7900	1300	--	--	--	0.009	80	BDL	72	48
9200	1300	--	--	--	0.024	54	BDL	48	36
2200	1100	--	--	--	0.003	76	BDL	70	52
1300	790	--	--	--	0.009	88	BDL	76	50
330	130	0	0	0	0.003	54	0	48	36
9200	1300	0	0	0	0.024	96	2	88	64
3783	890	#####	#####	#DIV/0!	0	82	1	76	51

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
2400	790	5.5	0.72	C	0.006	84	BDL	72	52
3500	1300	--	--	--	0.003	80	BDL	78	48
1700	1300	--	--	--	ND	72	BDL	68	44
1700	1100	6.6	0.6	B	0.013	80	2.0	88	56
1700	790	--	--	--	0.22	96	2	96	72
16000	9200	--	--	--	0.014	68	4	68	48
16000	9200	--	--	--	0.014	68	4	68	48
940	330	--	--	--	0.020	56	BDL	58	38
790	490	--	--	--	0.005	76	BDL	68	52

790	230	6.2	0.56	B	BDL	80	8	74	52
790	230	5.5	0.56	0	0.003	56	2	58	38
16000	9200	6.6	0.72	0	0.22	96	8	96	72
4552	2473	6	1	#DIV/0!	0	76	4	74	51

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
54000	24000	5.8	0.43	C	BDL	76	4	80	44
35000	24000	--	--	--	0.009	84	BDL	88	52
>1,60,000	92000	--	--	--	0.019	80	4.0	84	56
35000	24000	4.8	0.47	C	0.022	92	0.0	72	40
92000	35000	--	--	--	0.002	80	8	92	70
>160000	160000	--	--	--	0.031	76	BDL	68	48
>160000	160000	--	--	--	0.031	76	BDL	68	48
54000	24000	--	--	--	0.018	60	BDL	48	42
35000	24000	--	--	--	0.005	72	BDL	70	54
35000	24000	5.6	0.70	C	0.006	88	BDL	76	58
35000	24000	4.8	0.43	0	0.002	60	0	48	40
92000	160000	5.8	0.7	0	0.031	92	8	92	70
48571	59100	5	1	#DIV/0!	0	78	4	75	51

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
54000	24000	--	--	--	0.002	76	8	80	50
22000	13000	--	--	--	0.001	88	BDL	90	56
28000	14000	--	--	--	0.021	92	BDL	80	52
54000	35000	--	--	--	0.007	84	0.0	70	40
24000	7900	--	--	--	0.006	84	10	86	66
54000	35000	--	--	--	0.007	64	8	76	44
54000	35000	--	--	--	0.007	64	8	76	44
22000	17000	--	--	--	0.021	52	BDL	56	38

22000	17000	--	--	--	0.010	72	BDL	70	50
24000	7900	--	--	--	BDL	84	BDL	76	52
22000	7900	0	0	0	0.001	52	0	56	38
54000	35000	0	0	0	0.021	92	10	90	66
35800	20580	#####	#####	#DIV/0!	0	76	7	76	49

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
54000	24000	5.5	0.8	C	0.003	80	4	96	60
54000	24000	--	--	--	0.006	88	BDL	84	60
>1,60,000	92000	--	--	--	ND	80	2.0	76	48
92000	54000	5.2	0.48	C	0.007	88	0.0	98	58
11000	7000	--	--	--	0.014	80	6	80	48
92000	54000	--	--	--	0.075	78	4	80	44
92000	54000	--	--	--	0.075	78	4	80	44
54000	35000	--	--	--	0.060	56	BDL	50	38
43000	35000	--	--	--	0.015	72	BDL	70	48
54000	24000	5.2	0.65	C	0.005	90	BDL	80	52
11000	7000	5.2	0.48	0	0.003	56	0	50	38
92000	92000	5.5	0.8	0	0.075	90	6	98	60
60667	40300	5	1	#DIV/0!	0	79	3	79	50

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
3500	1100	5.3	0.4	C	BDL	84	4	90	50
4300	3500	--	--	--	BDL	88	BDL	86	54
9200	5400	--	--	--	0.015	72	4.0	68	48
5400	3500	4.8	0.55	C	0.003	84	0.0	92	58
16000	9200	--	--	--	BDL	80	BDL	80	48
1100	490	--	--	--	0.007	64	BDL	64	44
1100	490	--	--	--	0.007	64	BDL	64	44

13000	7900	--	--	--	0.014	50	BDL	48	38
160000	92000	--	--	--	0.004	60	BDL	56	40
1400	330	5.8	0.40	C	BDL	82	BDL	80	54
1100	330	4.8	0.4	0	0.003	50	0	48	38
160000	92000	5.8	0.55	0	0.015	88	4	92	58
21500	12391	5	0	#DIV/0!	0	73	3	73	48

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
54000	24000	5.5	0.52	C	0.002	92	8	100	52
35000	13000	--	--	--	0.004	80	BDL	90	54
28000	14000	--	--	--	0.013	68	2.0	84	72
24000	13000	5.62	0.65	C	0.012	84	0.0	92	60
24000	13000	--	--	--	0.076	104	BDL	88	68
92000	54000	--	--	--	0.012	72	BDL	74	50
92000	54000	--	--	--	0.012	72	BDL	74	50
28000	14000	--	--	--	0.010	52	BDL	46	36
92000	54000	--	--	--	0.002	68	BDL	65	45
24000	13000	5.5	0.90	C	BDL	84	BDL	76	52
24000	13000	5.5	0.52	0	0.002	52	0	46	36
92000	54000	5.62	0.9	0	0.076	104	8	100	72
49300	26600	6	1	#DIV/0!	0	78	3	79	54

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
54000	24000	--	--	--	0.003	88	BDL	88	48
17000	7900	--	--	--	0.009	88	BDL	100	62
17000	11000	--	--	--	0.009	72	BDL	76	48
17000	11000	--	--	--	0.021	84	0.0	88	46
>16000	9200	--	--	--	0.478	88	BDL	82	52
35000	28000	--	--	--	0.179	78	BDL	80	52

35000	28000	--	--	--	0.179	78	BDL	80	52
22000	7900	--	--	--	0.015	60	BDL	46	34
92000	54000	--	--	--	0.003	72	BDL	62	42
17000	11000	--	--	--	BDL	76	BDL	68	48
17000	7900	0	0	0	0.003	60	0	46	34
92000	54000	0	0	0	0.478	88	0	100	62
34000	19200	#####	####	#DIV/0!	0	78	0	77	48

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
3500	1700	6.1	0.87	B	BDL	80	BDL	80	48
5400	2400	--	--	--	BDL	64	BDL	82	50
9200	5400	--	--	--	0.007	84	BDL	78	56
5400	2200	6.75	0.55	B	0.009	88	0.0	80	56
11000	7000	--	--	--	0.237	144	BDL	184	108
11000	7900	--	--	--	0.029	80	BDL	76	48
11000	7900	--	--	--	0.029	80	BDL	76	48
35000	24000	--	--	--	0.006	64	BDL	120	36
22000	13000	--	--	--	0.004	68	BDL	68	46
>160000	>160000	6.0	0.42	C	0.007	60	BDL	56	32
3500	1700	6	0.42	0	0.004	60	0	56	32
35000	24000	6.75	0.87	0	0.237	144	0	184	108
12611	7944	6	1	#DIV/0!	0	81	0	90	53

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
5400	2400	--	--	--	0.021	84	BDL	300	140
3500	1700	--	--	--	0.021	84	BDL	278	80
5400	3500	--	--	--	0.015	76	4.0	420	168
2200	1300	--	--	--	0.005	88	0.0	328	144

7900	4900	--	--	--	0.035	88	BDL	76	48
13000	4900	--	--	--	0.017	72	BDL	72	44
13000	4900	--	--	--	0.017	72	BDL	72	44
4900	2300	--	--	--	0.007	56	BDL	48	40
4900	1700	--	--	--	0.003	72	4	68	48
>160000	>160000	--	--	--	0.015	80	BDL	70	12
2200	1300	0	0	0	0.003	56	0	48	12
13000	4900	0	0	0	0.035	88	4	420	168
6689	3067	#####	####	#DIV/0!	0	77	3	173	77

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
5400	2400	--	--	--	0.017	100	BDL	3200	1000
5400	2200	--	--	--	0.019	96	BDL	3200	1100
2800	1100	--	--	--	0.017	100	BDL	4200	600
2400	1300				0.003	96	6.0	4400	1100
78	45	--	--	--	0.018	108	BDL	860	340
490	230	--	--	--	0.022	68	BDL	84	44
490	230	--	--	--	0.022	68	BDL	84	44
17000	7900	--	--	--	BDL	60	BDL	52	38
54000	24000	--	--	--	0.006	76	BDL	650	150
>160000	>160000	5.8	0.60	C	0.009	76	BDL	64	44
78	45	5.8	0.6	0	0.003	60	6	52	38
54000	24000	5.8	0.6	0	0.022	108	6	4400	1100
9784	4378	6	1	#DIV/0!	0	85	6	1679	446

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
230	78	--	--	--	0.007	84	BDL	84	52
330	130	--	--	--	0.009	96	BDL	96	52
330	130	--	--	--	0.013	96	BDL	80	52

400	270	--	--	--	0.015	72	2.0	72	36
790	330	--	--	--	0.017	62	BDL	64	42
7000	4900	--	--	--	0.021	52	BDL	56	32
7000	4900	--	--	--	0.021	52	BDL	56	32
7900	3300	--	--	--	BDL	84	BDL	74	52
1700	780	--	--	--	0.002	96	BDL	82	56
4900	1700	--	--	--	0.008	112	4	84	56
230	78	0	0	0	0.002	52	2	56	32
7900	4900	0	0	0	0.021	112	4	96	56
3058	1652	#####	#####	#DIV/0!	0	81	3	75	46

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
2800	1300	6	0.42	C	0.001	76	BDL	74	48
5400	1700	--	--	--	0.007	68	BDL	68	48
2200	1100	--	--	--	0.003	60	2.0	60	34
1700	1100	6.2	0.52	B	0.010	76	2.0	72	30
1300	790	--	--	--	0.008	88	4	82	60
16000	5400	--	--	--	0.021	72	4	72	44
16000	5400	--	--	--	0.021	72	4	72	44
1300	490	--	--	--	0.023	56	BDL	52	36
3300	1100	--	--	--	0.011	76	BDL	64	52
1400	330	6.1	0.58	B	BDL	82	BDL	80	54
1300	330	6	0.42	0	0.001	56	2	52	30
16000	5400	6.2	0.58	0	0.023	88	4	82	60
5140	1871	6	1	#DIV/0!	0	73	3	70	45

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
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54000	24000	--	--	--	0.001	152	BDL	168	88
24000	13000	--	--	--	0.003	136	4	168	124
92000	54000	--	--	--	0.016	168	BDL	172	132
54000	35000	--	--	--	0.008	104	2.0	114	70
7000	3300	--	--	--	0.034	228	BDL	168	106
54000	24000	--	--	--	0.013	144	BDL	128	84
54000	24000	--	--	--	0.013	144	BDL	128	84
35000	22000	--	--	--	0.017	68	BDL	72	46
28000	22000	--	--	--	0.003	96	BDL	96	68
35000	24000	--	--	--	BDL	88	BDL	82	60
7000	3300	0	0	0	0.001	68	2	72	46
92000	54000	0	0	0	0.034	228	4	172	132
43700	24530	#####	#####	#DIV/0!	0	133	3	130	86

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
35000	13000	--	--	--	0.003	80	BDL	86	48
35000	24000	--	--	--	0.007	80	4	76	48
17000	7900	--	--	--	0.022	80	4.0	92	52
13000	4900	--	--	--	0.014	84	0.0	78	46
16000	9200	--	--	--	BDL	72	4	80	52
13000	7900	--	--	--	0.017	72	BDL	76	44
13000	7900	--	--	--	0.017	72	BDL	76	44
17000	7900	--	--	--	0.035	60	BDL	62	48
14000	11000	--	--	--	0.004	80	BDL	70	48
1400	700	--	--	--	BDL	88	2	76	60
1400	700	0	0	0	0.003	60	0	62	44
35000	24000	0	0	0	0.035	88	4	92	60
17440	9440	#####	#####	#DIV/0!	0	77	3	77	49

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
1300	790	--	--	--	0.005	72	BDL	76	40
3500	2400	--	--	--	0.006	76	BDL	78	52
2800	1700	--	--	--	ND	76	2.0	68	44
2200	1700	--	--	--	0.003	88	0.0	80	48
490	330	--	--	--	BDL	72	8	76	48
>1,60,000	160000	--	--	--	0.003	68	4	66	42
>1,60,000	160000	--	--	--	0.003	68	4	66	42
2400	790	--	--	--	0.021	68	BDL	56	36
3300	1700	--	--	--	0.002	84	BDL	64	50
790	230	--	--	--	0.002	88	BDL	82	54
490	230	0	0	0	0.002	68	0	56	36
3500	160000	0	0	0	0.021	88	8	82	54
2098	32964	#####	#####	#DIV/0!	0	76	4	71	46

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
92000	35000	--	--	--	0.004	80	BDL	92	64
1,60,000	92000	--	--	--	0.007	82	BDL	128	84
92000	54000	--	--	--	0.010	60	BDL	96	64
54000	35000	--	--	--	0.002	80	0.0	108	66
35000	24000	--	--	--	0.296	172	BDL	162	110
>1,60,000	160000	--	--	--	0.053	68	BDL	92	56
>1,60,000	160000	--	--	--	0.053	68	BDL	92	56
>160000	160000				0.003	68	BDL	78	52
35000	24000	0	0	0	0.002	60	0	78	52
92000	160000	0	0	0	0.296	172	0	162	110
68250	90000	#####	#####	#DIV/0!	0	85	0	106	69

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
32	14.8	4.16	0.151	0.280	3.40	44	105	126	3.6
24	12.8	2.8	0.096	0.448	2.0	26	102	108	11.4
26	14.8	3.73	0.003	0.422	1.96	28	122	106	7.0
32	14.4	7.6	0.015	0.403	2.5	32	122	120	14.0
20	10.1	3.2	0.017	0.350	2.8	66	104	146	4.9
28	7.7	10.4	0.084	0.230	3.3	212	74	246	85
28	7.7	10.4	0.084	0.230	3.3	212	74	246	85
8	2.9	9.7	0.123	0.267	2.2	540	48	508	160
14	2.9	3.1	0.164	0.210	2.24	102	66	138	55
16	6.6	3.98	0.049	0.215	1.12	32	72	84	20
8	2.89	2.77228	0.0032	0.21	1.12	26	48	84	3.6
32	14.8	10.447	0.164	0.448	3.4	540	122	508	160
23	9	6	0	0	2	129	89	183	45

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
36	15.7	4.15	ND	0.285	4.20	32	128	126	14.5
16	14.8	3.5	0.088	0.496	2.8	24	99	102	4.6
20	14.7	3.98	0.021	0.450	2.52	12	106	82	1.0
24	11.5	5.3	0.013	0.462	1.4	52	109	130	15.0
28	16.7	1.9	0.003	0.367	2.0	60	113	144	3.4
12	8.7	10.1	0.009	0.232	2.5	136	69	162	65
12	8.7	10.1	0.009	0.232	2.5	136	69	162	65
10	5.8	4.9	0.053	0.175	2.5	178	44	182	85
8	7.7	4.6	0.057	0.182	1.68	26	68	72	33
12	6.6	8.71	0.070	0.196	1.12	12	70	70	29
8	5.78	1.87	0.003	0.175	1.12	12	44	70	1
36	16.7	10.074	0.088	0.496	4.2	178	128	182	85

18	11	6	0	0	2	67	88	123	32
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Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
26	15.7	5.84	0.038	0.318	3.60	32	105	110	3.5
21	14.8	4.0	0.115	0.353	2.5	34	102	118	8.9
16	14.7	5.85	0.003	0.340	2.52	44	108	108	6.0
20	13.5	6.1	0.000	0.323	2.2	40	109	120	10.0
20	10.4	3.9	0.002	0.342	2.2	54	115	144	5.4
16	7.7	7.8	0.126	0.239	4.1	152	78	182	70
16	7.7	7.8	0.126	0.239	4.1	152	78	182	70
14	6.7	6.5	0.067	0.267	2.0	274	58	284	120
12	5.8	4.0	0.059	0.209	2.80	22	72	72	40
16	10.4	5.72	0.060	0.221	1.68	14	76	68	15
12	5.78	3.86	0	0.209	1.68	14	58	68	3.5
26	15.7	7.835	0.126	0.353	4.12	274	115	284	120
18	11	6	0	0	3	82	90	139	35

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
24	10.8	15.25	0.003	0.338	3.92	56	110	140	4.9
24	10.6	13.6	0.176	0.357	3.4	20	123	122	6.7
24	15.7	6.10	0.016	0.407	1.40	24	111	92	3.0
28	12.5	5.5	0.008	0.418	3.1	34	110	122	8.0
12	8.2	2.4	0.003	0.326	1.9	52	118	146	8.8
16	8.7	7.8	0.065	0.233	2.2	148	81	184	65
16	8.7	7.8	0.065	0.233	2.2	148	81	184	65
8	5.8	3.9	0.070	0.279	2.0	270	60	276	100
12	4.8	3.2	0.116	0.210	1.68	24	74	70	40
18	7.5	4.98	0.048	0.213	2.24	6	83	72	8
8	4.82	2.36	0.00264	0.21	1.4	6	60	70	3
28	15.7	15.248	0.176	0.418	3.92	270	123	276	100
18	9	7	0	0	2	78	95	141	31

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
36	16.7	12.87	BDL	0.407	3.64	88	136	186	8.5
44	37.4	27.9	0.118	1.620	3.9	74	199	250	33.4
64	61.9	43.31	0.032	1.540	2.52	14	294	236	9.0
48	48.2	52.0	0.102	1.670	3.1	52	277	248	42.0
48	53.2	43.4	0.002	1.030	2.5	56	264	272	10.6
16	11.6	14.9	0.011	0.354	2.8	138	93	190	60
16	11.6	14.9	0.011	0.354	2.8	138	93	190	60
12	7.7	4.4	0.059	0.215	2.8	82	68	106	55
16	6.7	5.3	0.177	0.230	2.52	32	78	92	45
20	7.5	6.97	0.067	0.377	1.68	30	71	82	32
12	6.7	4.35	0.002	0.215	1.68	14	68	82	8.5
64	61.9	51.9888	0.177	1.67	3.92	138	294	272	60
32	26	23	0	1	3	70	157	185	36

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
24	8.8	12.77	ND	0.324	6.20	24	111	110	5.8
26	12.7	8.5	0.363	0.442	2.5	38	116	120	2.8
20	13.7	10.20	0.162	0.375	2.80	50	122	128	7.0
24	16.4	5.4	0.079	0.380	3.1	34	138	136	14.0
20	2.8	8.5	0.030	0.365	1.9	38	107	116	3.6
28	11.6	6.5	0.018	0.331	3.6	38	121	126	8.7
28	11.6	6.5	0.018	0.331	3.6	38	121	126	8.7
18	8.7	4.4	0.058	0.188	3.9	66	96	110	45
20	6.7	5.8	0.096	0.220	3.92	10	110	96	21
18	7.5	7.59	0.069	0.225	1.68	8	102	86	13
18	2.8	4.35	0.018	0.188	1.68	8	96	86	2.8
28	16.4	12.7723	0.3632	0.442	6.2	66	138	136	45

23	10	8	0	0	3	34	114	115	13
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Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
30	13.8	11.98	0.005	0.439	3.10	26	120	110	4.1
36	20.6	8.8	0.146	0.375	2.8	42	142	158	5.6
28	12.7	9.83	0.005	0.409	2.80	116	123	184	42.0
32	12.5	5.2	0.069	0.396	1.1	24	131	148	5.0
30	8.3	8.6	0.003	0.442	2.2	26	128	128	2.9
22	11.6	7.2	0.112	0.379	2.2	54	124	150	11
22	11.6	7.2	0.112	0.379	2.2	54	124	150	11
12	6.8	8.2	0.114	0.157	3.1	78	88	132	55
12	7.7	6.6	0.012	0.220	1.68	36	106	114	29
26	9.5	6.97	0.072	0.216	1.68	34	95	108	18
12	6.75	5.2	0.003	0.157	1.12	24	88	108	2.9
36	20.6	11.9802	0.1456	0.442	3.1	116	142	184	55
25	12	8	0	0	2	49	118	138	18

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
48	30.8	28.91	0.021	0.357	6.20	74	169	204	45.6
28	17.7	8.1	0.078	0.572	3.6	54	140	164	26.7
36	16.7	12.33	0.099	0.411	4.20	52	159	160	3.0
28	19.2	10.2	0.084	0.415	4.2	30	160	182	6.0
36	23.4	6.2	0.005	0.473	2.7	40	157	156	2.4
24	15.4	9.5	0.022	0.360	2.8	56	145	156	8.2
24	15.4	9.5	0.022	0.360	2.8	56	145	156	8.2
18	18.3	4.9	0.693	0.237	3.4	128	118	184	50
12	8.7	7.0	0.105	0.230	3.64	50	106	126	38
26	11.3	6.84	0.062	0.278	2.24	26	111	106	11
12	8.68	4.85	0.005	0.23	2.24	26	106	106	2.4
48	30.8	28.9109	0.693	0.572	6.2	128	169	204	50
28	18	10	0	0	4	57	141	159	20

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
32	10.8	10.50	ND	0.269	5.04	48	124	148	8.2
24	14.8	7.8	0.070	0.411	1.7	26	112	110	2.5
24	10.8	8.08	0.056	0.382	1.40	48	123	120	2.0
36	12.6	8.7	0.095	0.375	2.2	28	127	138	5.0
36	8.3	6.5	0.005	0.401	3.0	54	129	162	2.3
24	13.5	7.1	0.033	0.387	2.8	30	127	126	9.1
24	13.5	7.1	0.033	0.387	2.8	30	127	126	9.1
12	7.7	7.1	0.083	0.513	2.2	80	90	138	50
18	7.7	6.3	0.150	0.240	2.52	28	106	116	29
28	6.6	6.34	0.094	0.250	1.12	24	105	100	18
12	6.6	6.34	0.005	0.24	1.12	24	90	100	2
36	14.8	10.4951	0.15	0.513	5.04	80	129	162	50
26	11	8	0	0	2	40	117	128	14

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
24	16.5	5.25	ND	0.364	3.60	60	108	134	4.5
26	14.8	8.6	0.075	0.396	2.2	24	123	110	5.1
40	14.7	10.96	0.062	0.493	1.96	26	163	122	4.0
32	14.5	9.3	0.151	0.468	2.0	20	151	168	4.0
30	10.1	9.0	0.003	0.515	2.2	48	158	174	2.7
24	13.5	12.9	0.032	0.354	3.3	16	123	110	13
24	13.5	12.9	0.032	0.354	3.3	16	123	110	13
18	7.7	2.7	0.042	0.167	2.5	72	90	138	33
16	7.7	4.9	0.032	0.320	2.52	44	108	130	35
26	8.5	4.48	0.022	0.279	1.68	20	96	86	25
16	7.7	2.73	0.003	0.167	1.68	16	90	86	2.7
40	16.5	12.935	0.15104	0.515	3.6	72	163	174	35

26	12	8	0	0	3	35	124	128	14
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Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
20	7.8	9.21	ND	0.313	3.40	36	104	114	8.3
20	12.8	6.8	0.198	0.367	3.6	30	118	120	4.0
28	13.7	8.33	0.003	0.348	1.68	46	128	122	2.0
24	12.5	9.7	0.072	0.344	2.2	66	127	162	15.0
20	10.2	6.1	0.003	0.351	3.0	36	116	126	3.3
22	11.6	6.5	0.012	0.342	2.8	36	128	126	9
22	11.6	6.5	0.012	0.342	2.8	36	128	126	9
26	7.0	6.7	1.430	0.165	3.1	76	96	146	50
16	7.7	7.1	0.078	0.005	2.52	36	104	120	33
20	7.5	8.96	0.054	0.229	1.68	16	104	100	18
16	6.98	6.09	0.003	0.005	1.68	16	96	100	2
28	13.7	9.70125	1.43	0.367	3.64	76	128	162	50
22	10	8	0	0	3	41	115	126	15

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
24	10.8	9.11	ND	0.306	2.80	42	107	114	5.6
26	16.7	7.4	0.098	0.350	2.2	18	121	112	3.2
12	11.8	8.58	0.024	0.325	1.96	28	124	104	3.0
32	14.5	8.5	0.067	0.359	2.0	64	126	158	5.0
30	10.2	7.8	0.005	0.341	0.8	38	134	132	3.4
26	13.5	5.6	0.094	0.321	2.8	50	130	150	8.6
26	13.5	5.6	0.094	0.321	2.8	50	130	150	8.6
16	7.7	6.0	0.146	0.257	2.8	50	102	120	50
16	7.7	6.7	0.060	0.226	3.08	38	106	124	42
24	9.4	9.08	0.069	0.230	1.96	22	106	98	26
12	7.7	5.596	0.005	0.226	0.8	18	102	98	3

12	6.7	2.48	0.00256	0.246	1.12	38	90	122	1.3
40	30.5	15.049	0.27	0.401	4.4	290	163	310	130
27	13	8	0	0	3	92	126	185	51

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
18	10.8	9.01	ND	0.299	3.60	38	115	122	7.8
36	14.8	8.8	0.060	0.425	2.5	172	127	272	51.9
24	12.7	12.70	0.070	0.463	2.52	48	138	128	9.0
30	13.4	4.5	0.072	0.444	1.7	20	129	119	3.0
36	20.2	3.2	0.050	0.374	3.6	38	138	140	2.7
24	7.7	4.0	0.216	0.246	2.5	78	110	142	140
24	7.7	4.0	0.216	0.246	2.5	78	110	142	140
12	10.6	9.7	0.021	0.246	2.8	196	88	238	140
18	18.9	2.5	0.010	0.298	1.65	82	116	172	50
26	7.5	8.58	0.091	0.247	1.12	90	115	182	50
12	7.54	2.48	0.0096	0.246	1.12	20	88	119	2.7
36	20.2	12.7	0.216	0.463	3.64	196	138	272	140
25	12	7	0	0	2	84	119	166	59

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
20	10.8	4.95	0.078	0.266	3.92	22	113	114	2.3
30	12.8	9.2	0.078	0.483	2.5	50	123	154	14.1
24	13.7	5.55	0.014	0.427	1.12	76	129	158	14.0
32	12.5	9.0	0.015	0.430	1.7	28	120	109	3.0
24	16.8	9.1	0.040	0.443	1.7	14	149	138	8.2
20	10.6	4.0	0.032	0.305	3.1	80	116	162	50
20	10.6	4.0	0.032	0.305	3.1	80	116	162	50
20	5.8	8.5	0.020	0.356	3.3	316	88	454	130
16	8.7	3.4	0.006	0.288	2.47	62	112	152	50

22	8.5	5.72	0.024	0.250	1.68	68	110	148	23
16	5.8	3.35	0.0064	0.25	1.12	14	88	109	2.3
32	16.8	9.20793	0.0784	0.483	3.92	316	149	454	130
23	11	6	0	0	2	80	118	175	34

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
36	10.8	4.85	0.049	0.290	4.20	34	114	116	3.2
36	14.8	11.2	0.011	0.513	3.1	52	126	152	17.9
28	13.7	6.97	0.019	0.462	3.08	66	134	132	12.0
32	12.5	10.8	0.000	0.470	1.7	44	127	129	5.0
22	12.6	7.2	0.040	0.359	1.4	14	114	96	9.4
20	19.3	4.6	0.004	0.290	3.1	80	122	172	45
20	19.3	4.6	0.004	0.290	3.1	80	122	172	45
6	7.7	8.2	0.016	0.905	1.9	284	90	314	150
16	9.6	5.9	0.024	0.285	4.12	76	110	154	50
18	8.5	6.47	0.046	0.248	3.08	82	121	186	11
6	7.7	4.58	0	0.248	1.4	14	90	96	3.2
36	19.28	11.1881	0.0489	0.905	4.2	284	134	314	150
23	13	7	0	0	3	81	118	162	35

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
30	9.8	4.75	0.118	0.267	4.20	30	112	102	3.7
34	12.8	10.4	0.030	0.463	3.4	54	129	154	18.4
28	12.7	6.84	0.013	0.422	3.08	62	134	144	2.0
30	12.5	9.3	0.051	0.409	2.0	40	127	132	4.0
20	12.6	9.1	0.050	0.374	4.5	24	115	100	10.0
32	12.5	6.0	0.048	0.293	2.5	110	114	194	55
32	12.5	6.0	0.048	0.293	2.5	110	114	194	55
18	8.6	10.0	0.024	0.449	2.2	258	96	296	150

20	7.7	4.5	0.260	0.282	1.96	64	104	130	55
24	9.4	6.34	0.046	0.257	1.68	66	121	158	37
18	7.71	4.47	0.0128	0.257	1.68	24	96	100	2
34	12.8	10.3961	0.26	0.463	4.48	258	134	296	150
27	11	7	0	0	3	82	117	160	39

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
36	14.8	14.06	0.063	0.157	4.48	42	123	128	7.0
24	16.7	9.6	0.022	0.448	3.6	56	125	160	13.1
28	13.7	7.71	0.032	0.452	1.68	72	127	134	14.0
40	11.5	16.6	0.131	0.440	1.4	46	139	122	9.0
32	12.6	8.6	0.122	0.369	2.8	28	115	100	13.0
36	8.7	16.0	0.056	0.272	3.9	92	120	162	45
36	8.7	16.0	0.056	0.272	3.9	92	120	162	45
12	7.7	9.3	0.029	0.268	3.1	330	96	376	140
22	14.7	6.5	0.012	0.288	2.52	62	124	142	55
28	9.4	5.35	0.081	0.256	1.12	46	128	144	18
12	7.7	5.348	0.012	0.157	1.12	28	96	100	7
40	16.7	16.6	0.13056	0.452	4.48	330	139	376	140
29	12	11	0	0	3	87	122	163	36

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
40	22.6	8.46	0.098	0.161	12.30	24	140	124	5.0
32	16.7	10.8	0.032	0.382	3.4	30	132	136	9.4
20	17.6	8.46	0.155	0.365	3.36	62	129	128	8.0
34	10.6	10.7	0.804	0.362	2.0	72	124	156	4.0
32	20.6	10.4	0.008	0.309	6.7	10	127	106	6.9
20	22.2	5.0	0.257	0.140	14.6	56	122	128	8.8
20	22.2	5.0	0.257	0.140	14.6	56	122	128	8.8

10	9.6	10.3	0.085	0.263	2.5	486	90	502	180
16	11.6	1.9	0.054	0.200	3.02	56	102	114	55
26	7.5	10.82	0.073	0.259	1.96	50	119	148	24
10	7.54	1.86	0.008	0.14	1.96	10	90	106	4
40	22.6	10.82	0.80384	0.382	14.6	486	140	502	180
25	16	8	0	0	6	90	121	167	31

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
48	46.2	15.84	0.699	0.184	10.80	40	198	180	14.6
36	28.6	16.0	0.229	0.398	1.7	60	148	170	22.0
12	40.2	8.96	0.592	0.377	2.52	46	173	160	8.0
32	25.1	22.0	0.033	0.391	2.8	94	153	203	7.0
20	22.1	12.8	0.100	0.326	5.0	28	152	152	11.0
24	30.9	16.5	0.124	0.181	1.4	122	178	262	50
24	30.9	16.5	0.124	0.181	1.4	122	178	262	50
10	9.6	9.0	0.102	0.264	3.9	466	94	504	170
20	9.6	6.3	0.013	0.234	3.85	66	110	126	58
24	14.1	7.08	0.083	0.263	1.68	104	132	188	55
10	9.64	6.34	0.0128	0.181	1.4	28	94	126	7
48	46.2	22	0.69907	0.398	10.8	466	198	504	170
25	26	13	0	0	4	115	152	221	45

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
40	36.3	10.75	0.159	0.198	11.80	28	178	276	5.1
38	37.4	14.8	0.278	0.424	3.4	34	172	186	3.6
28	35.3	7.59	0.426	0.418	1.96	64	169	178	7.0
42	25.2	9.3	0.315	0.425	2.0	96	152	208	7.0
30	23.0	10.8	0.280	0.317	3.9	22	156	136	11.0
28	30.9	15.7	0.166	0.185	7.3	82	180	230	28

28	30.9	15.7	0.166	0.185	7.3	82	180	230	28
12	9.6	5.6	0.053	0.251	2.8	298	94	238	150
20	19.3	2.6	0.008	0.190	1.92	84	118	178	56
20	15.1	5.22	0.187	0.217	2.80	56	123	124	36
12	9.64	2.61	0.008	0.185	1.92	22	94	124	3.6
42	37.4	15.721	0.4256	0.425	11.8	298	180	276	150
29	26	10	0	0	5	85	152	198	33

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
32	10.8	3.37	0.082	0.280	7.30	28	115	120	7.4
32	18.7	21.5	0.060	0.428	3.9	42	132	148	9.2
22	12.7	7.49	0.006	0.452	3.08	108	130	188	46.0
24	12.6	9.2	0.003	0.463	2.5	114	121	186	8.0
76	53.5	62.3	0.270	0.787	2.2	28	362	364	7.8
28	12.5	16.5	0.208	0.255	4.4	38	132	122	130
28	12.5	16.5	0.208	0.255	4.4	38	132	122	130
20	14.5	3.8	0.426	0.123	2.5	460	92	486	140
22	7.7	5.7	0.005	0.230	1.68	40	110	126	45
24	8.5	7.21	0.043	0.182	2.24	58	80	116	35
20	7.71	3.36634	0.00256	0.123	1.68	28	80	116	7.4
76	53.5	62.31	0.426	0.787	7.3	460	362	486	140
31	16	15	0	0	3	95	141	198	56

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
160	561.5	153.66	0.073	0.324	5.04	28	1347	1228	7.1
198	526.0	171.9	0.010	0.440	2.8	36	1225	1062	14.5
252	3038.0	210.45	0.019	0.422	2.52	84	5731	5032	3.0
184	595.5	79.8	0.000	0.409	1.4	58	1255	1260	5.0

28	14.2	3.4	0.120	0.359	1.7	62	117	130	8.0
28	10.6	19.3	0.163	0.259	3.9	372	128	426	120
28	10.6	19.3	0.163	0.259	3.9	372	128	426	120
8	5.8	10.1	0.114	0.201	2.8	382	88	402	145
20	10.6	4.6	0.014	0.240	2.24	34	116	126	20
58	17.9	7.71	0.102	0.238	2.24	208	124	296	95
8	5.8	3.36	0	0.201	1.4	28	88	126	3
252	3038	210.448	0.163	0.44	5.04	382	5731	5032	145
96	479	68	0	0	3	164	1026	1039	54

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
2200	8428.0	1377.22	0.500	0.947	4.20	22	16434	14836	14.1
2100	7644.0	1084.2	0.013	1.110	2.8	152	15535	14160	5.3
3600	14780.0	1616.88	0.122	0.963	2.52	248	26828	24876	85.0
3300	10080.0	2145.5	0.430	0.927	2.8	36	20570	18024	7.0
520	3150.0	226.7	0.460	0.519	2.5	416	5830	6058	13.1
40	46.3	21.9	0.337	0.280	3.6	460	206	600	130
40	46.3	21.9	0.337	0.280	3.6	460	206	600	130
14	9.6	6.6	0.056	0.196	3.9	166	92	208	75
500	3292.0	236.8	0.016	0.034	2.80	100	6020	6058	50
20	15.1	13.80	0.160	0.232	3.08	80	126	172	55
14	9.6	6.59	0.0128	0.034	2.5	22	92	172	5.3
3600	14780	2145.47	0.49953	1.11	4.2	460	26828	24876	130
1233	4749	675	0	1	3	214	9185	8559	56

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
32	9.8	3.17	0.028	0.364	4.20	18	116	112	4.1
44	14.8	8.9	0.130	0.310	2.0	38	136	150	25.2
28	19.6	12.94	0.075	0.370	1.40	30	142	122	4.0

36	10.6	6.7	0.097	0.365	2.5	54	102	128	21.0
22	5.6	2.1	0.003	0.254	3.6	110	79	164	26.2
24	7.7	4.6	0.027	0.223	3.9	248	78	282	95
24	7.7	4.6	0.027	0.223	3.9	248	78	282	95
22	9.6	2.4	0.064	0.178	2.0	298	110	362	100
26	6.7	2.9	0.073	0.308	1.96	84	112	160	65
28	9.4	3.98	0.078	0.305	2.24	156	125	248	95
22	5.6	2.1	0.003	0.178	1.4	18	78	112	4
44	19.6	12.935	0.13	0.37	4.2	298	142	362	100
29	10	5	0	0	3	128	108	201	53

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
26	10.8	4.75	0.025	0.272	7.30	20	109	92	4.3
20	14.8	9.4	0.088	0.452	3.4	48	108	138	8.2
26	13.7	8.96	0.016	0.391	3.36	60	110	132	5.0
42	12.5	9.7	ND	0.380	2.5	38	115	120	4.0
22	17.8	10.6	0.030	0.405	2.0	60	129	146	30.0
28	9.6	6.1	0.062	0.299	9.5	136	126	226	70
28	9.6	6.1	0.062	0.299	9.5	136	126	226	70
16	7.7	12.1	0.030	0.201	2.8	260	82	302	150
12	9.6	3.2	0.044	0.278	1.68	50	108	122	50
26	7.5	10.82	0.073	0.259	1.96	50	119	148	24
12	7.54	3.23	0.016	0.201	1.68	20	82	92	4
42	17.8	12.06	0.088	0.452	9.52	260	129	302	150
25	11	8	0	0	4	86	113	165	42

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
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80	62.7	60.40	1.451	0.329	5.04	76	372	360	3.4
44	68.6	48.8	2.003	0.445	12.9	68	339	280	11.5
40	80.7	46.79	1.192	0.415	3.92	50	402	408	37.0
44	98.3	31.8	3.996	0.422	2.5	32	351	320	8.0
62	66.5	14.0	1.980	0.402	5.6	150	187	298	50.0
44	43.4	24.6	0.352	0.259	2.8	102	286	332	27
44	43.4	24.6	0.352	0.259	2.8	102	286	332	27
26	10.6	9.3	0.158	0.273	5.5	328	100	370	150
28	27.7	17.0	0.131	0.230	3.36	34	198	178	31
22	20.7	12.31	0.246	0.165	3.92	38	167	176	14
22	10.6	9.32	0.1312	0.165	2.52	32	100	176	3.4
80	98.3	60.3961	3.99616	0.445	12.9	328	402	408	150
43	52	29	1	0	5	98	269	305	36

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
38	14.7	8.25	0.204	0.259	5.04	36	132	126	6.4
28	16.7	9.1	0.026	0.543	3.9	32	126	122	6.5
40	16.7	6.47	0.022	0.488	1.96	56	134	132	6.0
32	12.7	11.4	0.143	0.475	2.2	48	120	128	2.0
28	12.5	7.4	0.088	0.362	2.8	28	112	96	14.0
32	9.6	14.6	0.049	0.275	4.8	110	120	186	45
32	9.6	14.6	0.049	0.275	4.8	110	120	186	45
14	9.6	5.8	0.064	0.247	3.3	304	92	330	140
22	27.0	3.1	0.006	0.276	2.24	44	130	136	50
16	7.5	7.09	0.038	0.258	1.68	60	119	146	31
14	7.54	3.1	0.0064	0.247	1.68	28	92	96	2
40	26.99	14.601	0.20351	0.543	5.04	304	134	330	140
28	14	9	0	0	3	83	121	159	35

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
36	14.7	5.74	0.012	0.171	11.20	22	117	116	5.2
26	16.8	9.9	0.011	0.407	2.5	22	126	120	18.6
24	14.7	6.72	0.181	0.408	1.96	28	118	94	4.0
32	14.5	7.3	0.192	0.411	2.0	42	120	123	3.0
28	12.6	8.4	0.004	0.357	6.7	18	106	96	4.3
24	10.6	1.5	0.067	0.179	7.3	48	116	124	11
24	10.6	1.5	0.067	0.179	7.3	48	116	124	11
20	9.6	7.7	0.069	0.283	3.4	188	98	238	130
14	7.7	3.0	0.010	0.215	2.47	28	112	112	17
28	8.4	8.08	0.170	0.265	1.96	66	117	160	45
14	7.7	1.492	0.004	0.171	1.96	18	98	94	3
36	16.8	9.901	0.192	0.411	11.2	188	126	238	130
26	12	6	0	0	5	51	115	131	25

Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Fluoride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
28	48.0	27.33	0.566	0.188	5.60	68	235	224	4.2
44	72.9	35.4	0.965	0.378	2.8	48	265	188	7.5
32	59.8	19.33	1.138	0.392	3.92	80	224	204	19.0
42	44.6	49.0	0.786	0.411	3.1	96	242	286	9.0
52	56.1	27.4	0.280	0.250	10.1	68	321	330	24.0
36	42.8	27.2	0.212	0.183	3.4	134	192	268	45
36	42.8	27.2	0.212	0.183	3.4	134	192	268	45
26	22.3	13.0	0.164	0.362	3.02	70	134	156	72
26	22.28	12.98	0.164	0.183	2.8	48	134	156	4.2
52	72.9	49	1.1376	0.411	10.08	134	321	330	72
37	49	28	1	0	4	87	226	241	28

Na, mg/l	K, mg/l	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
8.8	2.1	0.121	--	--	--	32	--	--	130
7.6	2.1	0.030	0.4	5.60	5.9	35	1.8	4.8	1040
8.8	2.7	0.023	--	--	--	5	--	--	25
8.7	2.4	0.011	--	--	--	27	--	--	820
6.1	2.3	0.026	--	--	--	15	--	--	84
4.5	1.6	0.185	--	--	--	25	--	--	6201
4.5	1.6	0.185	--	--	--	25	--	--	6201
1.1	0.7	BDL	--	--	--	48	--	--	5857
1.8	2.1	0.030	--	--	--	58	--	--	5713
4.5	1.2	0.030	--	--	--	35	--	--	280
1.05	0.67	0.011	0.4	5.6	5.9	5.016	1.8	4.8	25
8.81	2.71	0.185	0.4	5.6	5.9	58	1.8	4.8	6201
6	2	0	0	6	6	31	2	5	2635

Na, mg/l	K, mg/l	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
9.7	1.0	0.109	--	--	--	28	--	--	298
8.1	3.1	0.003	0.6	5.90	6.1	22	2.2	6.4	580
8.9	2.8	0.003	--	--	--	22	--	--	112
6.6	1.7	0.068	--	--	--	25	--	--	158
9.9	2.5	0.007	--	--	--	20	--	--	BDL
5.3	2.4	0.052	--	--	--	43	--	--	6657
5.3	2.4	0.052	--	--	--	43	--	--	6657
3.2	1.8	0.026	--	--	--	47	--	--	8167
5.2	2.1	0.011	--	--	--	53	--	--	1463
4.6	1.4	0.036	--	--	--	32	--	--	31
3.2	1.04	0.003	0.6	5.9	6.1	20	2.2	6.4	31
9.9	3.1	0.109	0.6	5.9	6.1	53	2.2	6.4	8167

7	2	0	1	6	6	33	2	6	2680
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Na, mg/l	K, mg/l	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
9.7	1.4	0.102	--	--	--	47	--	--	586
8.4	2.9	0.019	0.6	4.80	6.3	13	2.2	8.2	1100
9.7	3.6	0.076	--	--	--	20	--	--	109
8.8	2.4	0.057	--	--	--	5	--	--	312
6.3	2.2	0.079	--	--	--	20	--	--	789
5.0	2.4	0.139	--	--	--	21	--	--	5570
5.0	2.4	0.139	--	--	--	21	--	--	5570
3.7	1.2	0.041	--	--	--	32	--	--	6369
3.3	2.1	0.003	--	--	--	43	--	--	1447
7.0	2.0	0.007	--	--	--	30	--	--	47
3.31	1.2	0.003	0.6	4.8	6.3	5	2.2	8.2	47
9.68	3.62	0.139	0.6	4.8	6.3	47	2.2	8.2	6369
7	2	0	1	5	6	25	2	8	2190

Na, mg/l	K, mg/l	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
9.5	1.4	0.042	--	--	--	45	--	--	330
6.8	1.9	0.015	0.8	5.20	6.5	22	2.6	8.8	2230
9.6	3.8	0.019	--	--	--	15	--	--	102
8.2	3.0	0.019	--	--	--	23	--	--	264
5.0	2.5	0.068	--	--	--	10	--	--	1727
5.6	2.7	0.015	--	--	--	13	--	--	5470
5.6	2.7	0.015	--	--	--	13	--	--	5470
3.2	0.9	BDL	--	--	--	43	--	--	6524
2.1	1.9	0.007	--	--	--	35	--	--	1738
5.2	1.8	0.018	--	--	--	38	--	--	169
2.12	0.9	0.007	0.8	5.2	6.5	10	2.6	8.8	102
9.55	3.78	0.068	0.8	5.2	6.5	45	2.6	8.8	6524
6	2	0	1	5	7	26	3	9	2402

Na, mg/l	K, mg/l	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
10.3	1.8	0.030	--	--	--	15	--	--	3200
21.6	5.4	0.023	0.6	5.60	6.2	35	2.2	7.8	1190
35.7	8.8	0.003	--	--	--	12	--	--	85
30.6	6.8	0.034	--	--	--	25	--	--	1420
37.5	5.2	0.015	--	--	--	10	--	--	BDL
7.6	3.3	0.041	--	--	--	50	--	--	4818
7.6	3.3	0.041	--	--	--	50	--	--	4818
5.2	2.7	0.034	--	--	--	20	--	--	
3.7	1.9	0.015	--	--	--	30	--	--	3042
4.9	1.4	0.037	--	--	--	30	--	--	3263
3.66	1.4	0.003	0.6	5.6	6.2	10	2.2	7.8	85
37.51	8.75	0.041	0.6	5.6	6.2	50	2.2	7.8	4818
16	4	0	1	6	6	28	2	8	2730

Na, mg/l	K, mg/l	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
5.9	2.7	0.026	--	--	--	75	--	--	163
8.5	4.0	0.049	0.6	4.50	8.2	13	1.8	5.6	4390
8.7	3.2	0.026	--	--	--	25	--	--	8
10.5	3.0	0.023	--	--	--	47	--	--	400
1.7	2.6	0.154	--	--	--	21	--	--	BDL
7.4	2.0	0.007	--	--	--	60	--	--	69
7.4	2.0	0.007	--	--	--	60	--	--	69
6.1	3.1	0.007	--	--	--	53	--	--	80
4.2	2.6	0.037	--	--	--	52	--	--	853
5.1	3.1	0.015	--	--	--	72	--	--	391
1.66	2.01	0.007	0.6	4.5	8.2	13.376	1.8	5.6	8
10.45	4.01	0.154	0.6	4.5	8.2	75	1.8	5.6	4390

Na, mg/l	K, mg/l	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
7.8	2.1	0.015	--	--	--	18	--	--	538
8.5	2.1	BDL	0.6	6.90	8.3	5	2.1	5.2	90
8.4	2.8	0.064	--	--	--	8	--	--	12
8.0	2.3	0.042	--	--	--	35	--	--	86
5.0	2.1	0.079	--	--	--	26	--	--	217
8.0	2.3	0.007	--	--	--	43	--	--	869
8.0	2.3	0.007	--	--	--	43	--	--	869
3.5	1.6	0.037	--	--	--	28	--	--	514
4.6	2.6	0.018	--	--	--	18	--	--	1060
4.3	2.5	0.003	--	--	--	33	--	--	169
3.45	1.6	0.003	0.6	6.9	8.3	5.016	2.1	5.2	12
8.5	2.79	0.079	0.6	6.9	8.3	43	2.1	5.2	1060
7	2	0	1	7	8	26	2	5	442

Na, mg/l	K, mg/l	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
10.1	1.1	0.034	--	--	--	12	--	--	629
8.3	2.6	0.041	0.6	3.20	7.9	13	2.9	4.8	350
8.6	2.6	0.011	--	--	--	2	--	--	284
8.8	3.9	0.026	--	--	--	17	--	--	4640
6.5	1.7	0.192	--	--	--	5	--	--	249
8.8	2.7	0.003	--	--	--	30	--	--	2162
8.8	2.7	0.003	--	--	--	30	--	--	2162
3.9	1.4	0.007	--	--	--	17	--	--	965
5.6	2.3	0.064	--	--	--	50	--	--	806
5.4	5.2	0.143	--	--	--	30	--	--	1428
3.85	1.14	0.003	0.6	3.2	7.9	1.672	2.9	4.8	249
10.1	5.15	0.192	0.6	3.2	7.9	50	2.9	4.8	4640

7	3	0	1	3	8	21	3	5	1368
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Na, mg/l	K, mg/l	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
4.4	2.1	0.053	--	--	--	28	--	--	226
8.0	2.0	BDL	0.6	6.20	8.3	54	1.8	4.3	90
8.4	2.9	0.053	--	--	--	7	--	--	61
8.3	2.0	0.019	--	--	--	27	--	--	2299
6.1	2.2	0.215	--	--	--	13	--	--	BDL
7.4	2.8	0.034	--	--	--	55	--	--	32
7.4	2.8	0.034	--	--	--	55	--	--	32
4.7	1.7	0.071	--	--	--	33	--	--	64
5.3	2.7	0.015	--	--	--	15	--	--	906
5.1	3.0	0.030	--	--	--	26	--	--	1655
4.44	1.65	0.015	0.6	6.2	8.3	6.688	1.8	4.3	32
8.42	2.98	0.215	0.6	6.2	8.3	55	1.8	4.3	2299
7	2	0	1	6	8	31	2	4	596

Na, mg/l	K, mg/l	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
6.8	1.8	0.038	--	--	--	40	--	--	340
10.0	2.9	0.011	0.8	7.80	8.5	22	2.1	5.6	115
8.3	2.7	0.049	--	--	--	10	--	--	83
9.1	2.8	0.007	--	--	--	33	--	--	129
6.7	2.3	0.272	--	--	--	25	--	--	BDL
8.2	3.1	0.003	--	--	--	60	--	--	196
8.2	3.1	0.003	--	--	--	60	--	--	196
5.1	2.6	0.003	--	--	--	30	--	--	122
5.8	2.5	0.037	--	--	--	20	--	--	922
7.0	2.8	0.007	--	--	--	38	--	--	1650
5.1	1.82	0.003	0.8	7.8	8.5	10.032	2.1	5.6	83

4.07	1.69	0.007	0.3	3.8	5.9	10.032	2.8	4.6	111
18.65	6.46	0.151	0.3	3.8	5.9	35	2.8	4.6	6474
9	3	0	0	4	6	26	3	5	2675

Na, mg/l	K, mg/l	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
7.7	1.7	0.003	--	--	--	13	--	--	854
8.4	2.7	0.053	0.4	2.20	3.3	64	2.6	4.5	430
8.1	2.7	0.038	--	--	--	5	--	--	144
8.5	1.9	0.003	--	--	--	18	--	--	330
12.2	2.9	0.041	--	--	--	10	--	--	434
4.2	2.3	0.022	--	--	--	18	--	--	12980
4.2	2.3	0.022	--	--	--	18	--	--	12980
5.4	3.1	0.030	--	--	--	27	--	--	6821
8.2	2.6	0.064	--	--	--	27	--	--	3795
5.1	2.6	0.003	--	--	--	16	--	--	5776
4.2	1.69	0.003	0.4	2.2	3.3	5.016	2.6	4.5	144
12.15	3.1	0.064	0.4	2.2	3.3	63.536	2.6	4.5	12980
7	2	0	0	2	3	22	3	5	4454

Na, mg/l	K, mg/l	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
7.1	1.5	0.007	--	--	--	18	--	--	461
7.6	2.9	0.011	0.6	2.3	3.6	5	3.3	4.3	134
8.8	3.1	0.003	--	--	--	5	--	--	13
7.8	1.4	0.023	--	--	--	BDL	--	--	330
10.6	3.3	0.287	--	--	--	BDL	--	--	206
7.4	2.2	0.045	--	--	--	5	--	--	2072
7.4	2.2	0.045	--	--	--	5	--	--	2072
4.1	1.9	0.086	--	--	--	18	--	--	329
7.0	2.7	0.001	--	--	--	43	--	--	3381

5.8	2.3	0.007	--	--	--	32	--	--	5776
4.05	1.4	0.001	0.625	2.3125	3.625	5	3.25	4.3125	13
10.59	3.25	0.287	0.625	2.3125	3.625	43	3.25	4.3125	5776
7	2	0	1	2	4	16	3	4	1477

Na, mg/l	K, mg/l	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
7.2	1.4	0.026	--	--	--	12	--	--	390
8.6	3.2	0.053	0.7	2.4	6.1	17	2.1	3.8	118
9.1	3.8	0.019	--	--	--	12	--	--	54
8.2	2.0	0.060	--	--	--	BDL	--	--	600
7.6	2.5	0.124	--	--	--	5	--	--	588
10.4	2.3	0.083	--	--	--	41	--	--	1616
10.4	2.3	0.083	--	--	--	41	--	--	1616
4.9	1.7	0.086	--	--	--	25	--	--	652
7.7	2.8	0.151	--	--	--	27	--	--	4675
6.2	2.3	0.041	--	--	--	25	--	--	5438
4.91	1.44	0.019	0.6875	2.375	6.1	5	2.125	3.8125	54
10.42	3.82	0.151	0.6875	2.375	6.1	41	2.125	3.8125	5438
8	2	0	1	2	6	23	2	4	1575

Na, mg/l	K, mg/l	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
7.0	1.6	0.038	--	--	--	8	--	--	245
7.3	2.6	0.026	0.9	1.7	6.1	25	2.1	5.1	39
8.4	3.2	0.038	--	--	--	13	--	--	28
7.5	1.5	0.034	--	--	--	2	--	--	370
7.3	2.4	0.222	--	--	--	20	--	--	1807
8.1	2.4	0.075	--	--	--	18	--	--	5030
8.1	2.4	0.075	--	--	--	18	--	--	5030
5.8	2.0	0.049	--	--	--	17	--	--	461

5.5	2.6	0.104	--	--	--	33	--	--	6911
7.5	2.5	0.007	--	--	--	37	--	--	5628
5.51	1.5	0.007	0.875	1.6875	6.125	2	2.125	5.125	28
8.42	3.24	0.222	0.875	1.6875	6.125	37	2.125	5.125	6911
7	2	0	1	2	6	19	2	5	2555

Na, mg/l	K, mg/l	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
8.7	2.1	0.049	--	--	--	30	--	--	499
9.9	3.6	0.019	0.4	3.2	7.3	35	2.4	7.5	228
8.4	2.9	0.019	--	--	--	3	--	--	54
7.1	1.7	0.015	--	--	--	35	--	--	139
7.5	2.5	0.211	--	--	--	3	--	--	768
5.2	1.8	0.056	--	--	--	20	--	--	5878
5.2	1.8	0.056	--	--	--	20	--	--	5878
5.4	2.2	0.041	--	--	--	10	--	--	9233
8.6	2.7	0.001	--	--	--	32	--	--	3604
6.8	2.6	0.030	--	--	--	43	--	--	2920
5.15	1.7	0.001	0.4375	3.1875	7.25	3	2.375	7.5	54
9.86	3.63	0.211	0.4375	3.1875	7.25	43	2.375	7.5	9233
7	2	0	0	3	7	23	2	8	2920

Na, mg/l	K, mg/l	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
14.0	3.4	0.102	--	--	--	28	--	--	2190
9.2	3.8	0.042	0.6	2.1	8.9	13	3.0	5.0	530
11.9	4.5	0.042	--	--	--	26	--	--	850
6.8	1.8	0.072	--	--	--	2	--	--	890
12.0	3.1	0.196	--	--	--	35	--	--	328
12.2	3.0	0.034	--	--	--	23	--	--	345
12.2	3.0	0.034	--	--	--	23	--	--	345

5.3	2.5	0.003	--	--	--	17	--	--	12752
8.4	2.9	0.007	--	--	--	22	--	--	3386
5.5	2.4	0.041	--	--	--	53	--	--	1930
5.3	1.8	0.003	0.5625	2.125	8.9375	2	3	5	328
14.01	4.5	0.196	0.5625	2.125	8.9375	53	3	5	12752
10	3	0	1	2	9	24	3	5	2355

Na, mg/l	K, mg/l	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
28.1	8.5	0.098	--	--	--	18	--	--	2030
16.5	5.7	0.023	0.1	2.0	4.4	25	4.0	5.1	2070
20.7	7.3	0.026	--	--	--	15	--	--	2050
16.0	3.2	0.026	--	--	--	13	--	--	460
13.3	4.4	0.192	--	--	--	33	--	--	694
21.4	5.2	0.079	--	--	--	13	--	--	2056
21.4	5.2	0.079	--	--	--	13	--	--	2056
5.6	2.6	0.030	--	--	--	8	--	--	12564
6.0	3.0	0.022	--	--	--	47	--	--	5019
11.6	2.5	0.037	--	--	--	45	--	--	10812
5.59	2.45	0.022	0.0625	2	4.375	8	4	5.125	460
28.12	8.47	0.192	0.0625	2	4.375	47	4	5.125	12564
16	5	0	0	2	4	23	4	5	3981

Na, mg/l	K, mg/l	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
20.4	7.9	ND	--	--	--	15	--	--	677
22.5	6.8	0.049	0.1	1.5	5.3	18	3.0	4.3	1480
19.7	6.7	0.007	--	--	--	25	--	--	740
15.8	3.0	0.030	--	--	--	5	--	--	1190
14.3	4.8	0.215	--	--	--	30	--	--	609
21.8	5.2	0.113	--	--	--	21	--	--	1871

21.8	5.2	0.113	--	--	--	21	--	--	1871
5.4	2.2	0.037	--	--	--	10	--	--	12121
13.5	3.9	0.003	--	--	--	32	--	--	3848
8.4	2.9	0.045	--	--	--	43	--	--	4914
5.41	2.15	0.003	0.0625	1.5	5.25	5	3	4.25	609
22.51	7.94	0.215	0.0625	1.5	5.25	43	3	4.25	12121
16	5	0	0	2	5	22	3	4	2932

Na, mg/l	K, mg/l	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
6.6	1.4	0.007	--	--	--	18	--	--	274
10.5	3.8	0.030	0.3	3.8	6.5	5	2.8	6.2	518
8.5	2.1	0.057	--	--	--	15	--	--	154
7.3	2.8	0.034	--	--	--	5	--	--	730
29.1	11.7	0.377	--	--	--	9	--	--	2406
9.1	2.9	0.030	--	--	--	33	--	--	12338
9.1	2.9	0.030	--	--	--	33	--	--	12338
8.4	1.2	0.045	--	--	--	13	--	--	5952
4.7	2.4	BDL	--	--	--	35	--	--	2486
6.7	2.3	0.003	--	--	--	43	--	--	3237
4.73	1.17	0.003	0.3	3.8	6.5	5	2.8	6.2	154
29.1	11.65	0.377	0.3	3.8	6.5	43	2.8	6.2	12338
10	3	0	0	4	7	21	3	6	4043

Na, mg/l	K, mg/l	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
295.5	58.4	0.314	--	--	--	30	--	--	230
317.6	22.6	0.117	0.4	3.90	5.6	10	1.8	9.3	346
2012.0	201.0	0.382	--	--	--	20	--	--	614
297.8	61.2	0.367	--	--	--	BDL	--	--	211

8.1	2.3	0.113	--	--	--	5	--	--	879
7.7	2.8	0.026	--	--	--	27	--	--	8475
7.7	2.8	0.026	--	--	--	27	--	--	8475
3.0	2.8	0.030	--	--	--	38	--	--	6551
7.8	1.5	0.022	--	--	--	43	--	--	1950
12.8	3.0	0.075	--	--	--	53	--	--	7120
3.04	1.49	0.022	0.4	3.9	5.6	5	1.8	9.3	211
2012	201	0.382	0.4	3.9	5.6	53	1.8	9.3	8475
297	36	0	0	4	6	28	2	9	3485

Na, mg/l	K, mg/l	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	Total, micro gm/l
#####	118.0	0.757	--	--	--	60	--	--	4400
#####	472.0	0.492	0.6	3.70	6.2	13	2.1	10.2	283
8242.0	313.0	1.616	--	--	--	18	--	--	1929
#####	427.0	1.745	--	--	--	16	--	--	640
#####	55.3	1.371	--	--	--	3	--	--	1478
31.2	3.8	0.041	--	--	--	22	--	--	7659
31.2	3.8	0.041	--	--	--	22	--	--	7659
4.9	1.8	0.034	--	--	--	23	--	--	10780
#####	87.0	0.294	--	--	--	38	--	--	4187
10.2	2.4	0.018	--	--	--	23	--	--	4930
4.86	1.8	0.018	0.6	3.7	6.2	3	2.1	10.2	283
8242	472	1.745	0.6	3.7	6.2	60	2.1	10.2	10780
2751	148	1	1	4	6	24	2	10	4395

Na, mg/l	K, mg/l	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	Total, micro gm/l
4.7	2.0	0.015	--	--	--	5	--	--	1380
8.0	2.6	0.007	0.3	3.60	4.8	30	1.6	4.6	900
12.6	3.5	0.007	--	--	--	10	--	--	144

45.6	24.2	0.023	--	--	--	37	--	--	274
42.3	18.7	0.038	1.0	2.4	9.4	20	2.3	10.3	93
50.9	21.1	0.030	--	--	--	2	--	--	183
62.3	11.8	0.007	--	--	--	5	--	--	410
39.4	32.2	0.253	--	--	--	30	--	--	6879
32.1	13.2	0.158	--	--	--	48	--	--	2900
32.1	13.2	0.158	--	--	--	48	--	--	2900
6.0	2.6	0.049	--	--	--	21	--	--	6222
15.8	6.9	0.113	--	--	--	67	--	--	2359
15.1	8.1	0.052	--	--	--	32	--	--	3343
5.99	2.6	0.007	1	2.4375	9.375	1.672	2.25	10.3125	93
62.28	32.21	0.253	1	2.4375	9.375	67	2.25	10.3125	6879
34	15	0	1	2	9	31	2	10	2556

Na, mg/l	K, mg/l	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
9.8	2.7	0.049	--	--	--	25	--	--	221
9.2	3.3	0.034	0.1	3.7	7.8	32	2.1	5.0	90
9.6	3.5	0.007	--	--	--	5	--	--	118
8.1	2.0	0.023	--	--	--	10	--	--	115
7.6	2.7	0.011	--	--	--	8	--	--	503
6.1	2.2	0.166	--	--	--	25	--	--	4569
6.1	2.2	0.166	--	--	--	25	--	--	4569
5.6	1.9	0.026	--	--	--	18	--	--	9010
18.8	2.8	0.075	--	--	--	52	--	--	2343
5.4	2.6	0.056	--	--	--	35	--	--	
5.41	1.9	0.007	0.125	3.6875	7.8125	5.016	2.125	5	90
18.8	3.46	0.166	0.125	3.6875	7.8125	52	2.125	5	9010
9	3	0	0	4	8	24	2	5	2393

Na, mg/l	K, mg/l	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
9.3	2.2	0.026	--	--	--	20	--	--	365
9.2	3.6	BDL	0.5	1.9	4.8	15	2.0	4.4	760
9.5	3.7	ND	--	--	--	37	--	--	490
8.5	2.1	0.019	--	--	--	5	--	--	280
7.1	2.3	0.083	--	--	--	18	--	--	630
5.4	2.2	0.098	--	--	--	13	--	--	95
5.4	2.2	0.098	--	--	--	13	--	--	95
5.8	2.1	BDL	--	--	--	10	--	--	8146
5.0	3.2	0.022	--	--	--	41	--	--	1383
6.9	1.9	0.041	--	--	--	52	--	--	8844
5.03	1.87	0.019	0.5	1.9375	4.8125	5	2	4.375	95
9.54	3.72	0.098	0.5	1.9375	4.8125	52	2	4.375	8844
7	3	0	1	2	5	22	2	4	2109

Na, mg/l	K, mg/l	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
32.1	10.7	0.121	--	--	--	43	--	--	1710
39.2	11.9	0.057	0.4	4.3	8.2	5	2.1	5.6	1470
30.6	9.8	0.072	--	--	--	54	--	--	3090
25.5	5.6	0.049	--	--	--	8	--	--	1880
34.8	14.2	0.177	--	--	--	25	--	--	2528
25.6	6.0	0.075	--	--	--	43	--	--	4436
25.6	6.0	0.075	--	--	--	43	--	--	4436
15.8	3.8	0.041	--	--	--	36	--	--	4198
15.78	3.76	0.041	0.4375	4.25	8.1875	5.016	2.125	5.5625	1470
39.24	14.15	0.177	0.4375	4.25	8.1875	53.504	2.125	5.5625	4436
29	8	0	0	4	8	32	2	6	2969

Mercury, micro gm/l	Cr(VI)
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
0	0
0	0
#DIV/0!	#DIV/0!

Mercury, micro gm/l	Cr(VI)
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	8
BDL	7
BDL	BDL
0	7
0	8

#DIV/0!	8
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Mercury, micro gm/l	Cr(VI)
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
0	0
0	0
#DIV/0!	#DIV/0!

Mercury, micro gm/l	Cr(VI)
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
0	0
0	0
#DIV/0!	#DIV/0!

Mercury, micro gm/l	Cr(VI)
BDL	BDL
BDL	BDL
BDL	BDL
BDL	5
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
0	5
0	5
#DIV/0!	5

Mercury, micro gm/l	Cr(VI)
BDL	BDL
BDL	BDL
BDL	BDL
BDL	13
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	12
0	12
0	13

#DIV/0!	13
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Mercury, micro gm/l	Cr(VI)
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
0	0
0	0
#DIV/0!	#DIV/0!

Mercury, micro gm/l	Cr(VI)
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	5
0	5
0	5
#DIV/0!	5

Mercury, micro gm/l	Cr(VI)
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
0	0
0	0
#DIV/0!	#DIV/0!

Mercury, micro gm/l	Cr(VI)
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	5
BDL	BDL
0	5
0	5

#DIV/0!	5
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Mercury, micro gm/l	Cr(VI)
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
0	0
0	0
#DIV/0!	#DIV/0!

Mercury, micro gm/l	Cr(VI)
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	8
0	8

BDL	BDL
0	0
0	0
#DIV/0!	#DIV/0!

Mercury, micro gm/l	Cr(VI)
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
0	0
0	0
#DIV/0!	#DIV/0!

Mercury, micro gm/l	Cr(VI)
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	2
BDL	BDL
BDL	BDL
BDL	BDL

BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
0	0
0	0
#DIV/0!	#DIV/0!

Mercury, micro gm/l	Cr(VI)
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
0	0
0	0
#DIV/0!	#DIV/0!

Mercury, micro gm/l	Cr(VI)
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL

BDL	BDL
BDL	3
BDL	3
BDL	BDL
BDL	BDL
BDL	8
0	3
0	8
#DIV/0!	5

Mercury, micro gm/l	Cr(VI)
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	3
BDL	BDL
BDL	BDL
0	3
0	3
#DIV/0!	3

Mercury, micro gm/l	Cr(VI)
BDL	BDL
BDL	BDL
BDL	BDL

BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
0	0
0	0
#DIV/0!	#DIV/0!

Mercury, micro gm/l	Cr(VI)
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
0	0
0	0
#DIV/0!	#DIV/0!

Mercury, micro gm/l	Cr(VI)
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BDL	20
BDL	BDL
BDL	BDL
BDL	BDL
BDL	5
BDL	8
BDL	8
BDL	13
BDL	10
BDL	BDL
0	5
0	20
#DIV/0!	11

Mercury, micro gm/l	Cr(VI)
BDL	BDL
BDL	BDL
BDL	BDL
BDL	7
BDL	BDL
BDL	2
BDL	2
BDL	3
BDL	8
BDL	3
0	2
0	8
#DIV/0!	4

Mercury, micro gm/l	Cr(VI)
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
0	0
0	0
#DIV/0!	#DIV/0!

Mercury, micro gm/l	Cr(VI)
BDL	BDL
BDL	BDL
BDL	BDL
BDL	3
BDL	5
BDL	BDL
BDL	BDL
BDL	BDL
0	3
0	5
#DIV/0!	4

