

WATER QUALITY OF RIVER BRAHMANI

Panposh U/s

Month	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l
January	2010	17	7.38	8.3	2	11.37	128.1	0.249
February		27	7.98	8	2.4	16.12	112.4	0.093
March		28	7.7	8.7	1.5	16	115	0.482
April		25	7.92	6.7	1.5	10.2	115	0.134
May		34	8.0	8.4	1.0	8.0	125	0.078
June		34	8.3	7.9	1.0	9.0	120	0.005
July		27	7.9	7	1.2	18	108	0.141
August		30	8.21	7.8	0.6	12.1	130.9	0.618
September		31	7.98	7.4	1	12	106.5	0.17
October		28	7.5	5.8	1.4	13.1	142	0.66
November		32	7.7	7.3	1.3	6.6	112	0.282
December		20	6.9	8.8	1.2	12.4	494	0.01
Minimum			6.9	5.8	0.6	6.6	107	0.01
Maximum			8.31	8.8	2.4	18	494	0.66
Average			7.8	7.7	1.3	12	151	0.24

Panposh D/s

Month	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l
January	2010	18	7.58	6.05	2.6	18	266.1	2.626
February		25	8.08	7.8	4.2	21.6	271.9	4.414
March		28	7.2	12.1	0.9	10	239	4.588
April		26	7.46	6	5.2	30.2	218	3.336
May		33	7.5	6.8	3.0	27.3	293	1.684
June		34	7.3	6.9	2.2	18.6	438	3.132
July		28	8	5.7	5.6	44	225	2.694
August		28	7.95	6.2	4.9	40.3	320.6	1.957
September		26	8.18	6.9	5.4	40	317.4	1.186
October		29	7.7	6.6	3.4	26.2	173	1.622
November		30	7.6	6.7	3.9	21.6	197	2.047
December		24	7.8	7.8	3.2	21.6	295	4.191
Minimum			7.2	5.7	0.9	10	173	1.19
Maximum			8.2	12.1	5.6	44	438	4.59
Average			7.7	7.1	3.7	27	271	2.79

Rourkela D/s

Month	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate- N, mg/l
January	2010	17	7.12	7	2.2	13	240.8	2.116
February		24	7.5	8.91	3.4	18.2	233.8	3.249
March		28	7.4	12.3	1.8	12	241	4.463
April		31	7.66	7.7	4.5	34	196	2.169
May		33	7.1	6.0	2.2	19.4	235	1.267
June		35	7.8	7.7	1.6	13.0	436	2.647
July		29	7.3	6.1	4.6	38	189	2.986
August		28	7.78	6.8	2.5	26.2	312.3	1.495
September		26	8.11	7.1	4.5	32	338.6	1.19
October		29	7.2	5.6	2.8	19.7	222	1.434
November		28	7.4	6.7	2.9	20.4	182	0.978
December		24	7.8	7.8	2.6	12.4	286	3.518
Minimum			7.1	5.6	1.6	12	182	0.98
Maximum			8.1	12.3	4.6	38	436	4.46
Average			7.5	7.5	3.0	22	259	2.29

Rourkela FD/s
(Biritola)

Month	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate- N, mg/l
January	2010	17	7.61	7.7	2	13	201.9	1.647
April		30	7.34	7.5	3	20.2	238	0.656
July		28	7.9	6.5	2.8	24	110	0.091
October		30	7.8	6.5	2.3	13.1	150	0.382
Minimum			7.3	6.5	2	13	110	0.09
Maximum			7.9	7.7	3	24	238	1.65
Average			7.7	7.1	2.5	18	175	0.69

Attaghat

Month	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate- N, mg/l
January	2010	17	7.08	8.3	1.2	11.37	241.7	2.705
April		31	7.79	7.6	2.8	16.2	200	2.44
July		28	7.9	6.6	2.4	22	104	0.153
October		29	7.8	6.2	2.4	14.8	167	0.974
Minimum			7.1	6.2	1.2	11.37	104	0.15
Maximum			7.9	8.3	2.8	22	242	2.71
Average			7.6	7.2	2.2	16	178	1.57

Bonaigarh		Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate- N, mg/l
Month	Year							
January	2010	18	8.03	8.6	1.4	9.75	223.3	2.413
April		25	8.02	7.9	1.5	13.6	212	1.345
July		27	7.5	6.6	1.4	15	97	0.604
October		28	7.3	6.1	1.8	13.1	167	0.261
Minimum			7.3	6.1	1.4	10	97.00	0.26
Maximum			8.0	8.6	1.8	15	223.30	2.41
Average			7.7	7.3	1.5	13	174.83	1.16

Rengali		Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate- N, mg/l
Month	Year							
January	2010	20	7.22	8.4	1.2	8.5	149.56	0.053
April		26	6.78	8.2	1.5	17	129	0.056
July		28	7	6.3	1.4	10	200	0.643
October		31	7	6.2	1.5	12.8	135	1.626
Minimum			6.8	6.2	1.2	9	129.00	0.05
Maximum			7.2	8.4	1.5	17	200.00	1.63
Average			7.0	7.3	1.4	12	153.39	0.59

Samal		Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate- N, mg/l
Month	Year							
January	2010	20	7.94	8.8	1.4	13	133.9	0.232
April		26	7.18	7.8	1.4	13.6	172	0.439
July		28	7.6	6.3	1.4	16	242	0.13
October		32	8.2	6	1.6	6.6	213	0.157
Minimum			7.2	6.0	1.4	7	133.90	0.13
Maximum			8.2	8.8	1.6	16	242.00	0.44
Average			7.7	7.2	1.5	12	190.23	0.24

Talcher FU/s		Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate- N, mg/l
Month	Year							
January	2010	24	7.79	8.5	1.3	8.1	122.6	0.117
February		23	8.08	8.2	0.4	7.3	117.7	0.175
March		34	8.1	7.4	1	7.52	135	0.317
April		37	8.25	7.6	0.8	10.4	105	0.191
May		35	8.3	6.7	1.2	12.0	106	0.43
June		35	7.7	7.2	1.2	10.5	127	0.018

Month	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l
July	2010	27	7.6	7.1	1	8	172	0.612
August		28	7.74	7.6	0.9	10.7	217.4	0.17
September		24	7.52	6.8	1.3	9.4	150.9	0.004
October		25	8.2	7.1	1	11.4	166	0.629
November		24	7.3	7.2	1.6	10.1	123	0.394
December		22	7.8	7.9	1.2	14.2	117	0.226
Minimum				7.3	6.7	0.4	7	105.00
Maximum			8.3	8.5	1.6	14	217.40	0.63
Average			7.9	7.4	1.1	10	138.3	0.27

Talcher U/s

Month	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l
January	2010	23	7.74	8.8	1.9	10.5	124.6	0.101
February		23	8.02	8.4	1.3	10.2	122.4	0.399
March		30	7.8	7.6	2.4	15.04	106	0.414
April		36	8.02	8.9	1.6	14.9	115	0.839
May		34	8.0	7.7	1.8	18.0	123	0.294
June		34	7.8	7.0	1.4	14.5	134	0.158
July		28	7.8	7.3	1.8	16	197	0.055
August		27	7.89	7.2	1.2	15.7	145.2	0.203
September		24	7.26	7.1	1.6	15.1	156.8	0.002
October		25	8.2	7.8	1.6	14.4	167	1.421
November		26	8	7.3	1.8	12.2	147	0.057
December		20	8.1	7.6	1.2	14.4	101	0.059
Minimum			7.3	7.0	1.2	10	101.00	0.00
Maximum			8.2	8.9	2.4	18	197.00	1.42
Average			7.9	7.7	1.6	14	136.59	0.33

Kamalanga D/s

Month	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate-N, mg/l
January	2010	25	8.17	8.1	2.1	12.6	172	0.245
February		25	7.73	8	1.9	14.8	137	0.692
March		36	7	8.2	1.8	15.04	128	0.25
April		30	8.46	8	2.6	18.1	118	0.13
May		32	8.1	7.0	2.6	22.0	128	0.135
June		36	8.3	6.5	1.8	18.0	132	0.2
July		25	7.2	7.1	2	18	204	0.142
August		30	8.16	7	2.2	23.5	226.4	0.292
September		26	8.11	6.7	2	18.3	207.7	0.233
October		29	8.1	7.2	1.8	16.4	210	0.416

November		26	8	8.4	2.3	16.6	200	0.251
December		24	8.1	7.5	1.6	15.2	143	0.359
Minimum			7.0	6.5	1.6	13	118.00	0.13
Maximum			8.5	8.4	2.6	24	226.40	0.69
Average			8.0	7.5	2.1	17	167.19	0.28

Kamalanga FD/s

Month	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate- N, mg/l
January	2010	24	7.35	8.9	2	10.6	167.2	0.13
March		35	8.3	7.9	1.3	3.76	117	0.403
April		30	8.03	8.2	2	15.1	125	0.268
May		37	7.7	7.1	1.6	18.0	137	0.754
June		35	8.1	6.8	1.0	17.6	136	0.103
July		27	8	7.1	1.6	16	209	1.624
August		24	8.35	7.3	0.6	15.6	264.7	0.516
September		27	7.58	7.4	0.8	9.4	312.6	0.649
October		28	8.3	8	1.4	11.4	262	2.539
November		26	8.1	8.7	1.7	11.8	230	0.157
December		25	8.1	7.4	1	11	181	0.255
Minimum				7.4	6.8	0.6	4	116.90
Maximum			8.4	8.9	2.0	18	312.60	2.54
Average			8.0	7.7	1.4	13	194.67	0.67

Nandira D/s

Month	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate- N, mg/l
January	2010	24	7.99	8	3.2	18.2	430.8	0.847
February		24	8.45	8.8	2.8	20.7	474.6	0.698
April		35	8.45	7	6.6	36.8	527	0.667
July		28	8	9.9	4.2	24	480	0.591
October		25	8.6	5.1	3.3	19.5	506	0.634
November		25	8.5	8.1	4.4	29.8/	496	0.354
December		22	7.3	7.5	2.4	20	433	0.186
Minimum				7.3	5.1	2.4	18	430.80
Maximum			8.6	9.9	6.6	37	527.00	0.85
Average			8.2	7.8	3.8	23	478.20	0.57

Kisindhajhor

Month	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate- N, mg/l
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January	2010	25	8.36	9.8	1.4	9.15	357.6	0.864
April		34	7.73	8.5	4	26.8	531	0.131
July		26	8	6.9	2.2	20	567	2.555
October		28	8.4	5.8	2	21.1	405	1.386
Minimum			7.7	5.8	1.4	9	357.60	0.13
Maximum			8.4	9.8	4.0	27	567.00	2.56
Average			8.1	7.8	2.4	19	465.15	1.23

Dhenkanal U/s								
Month	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate- N, mg/l
January	2010	19	7.41	8.3	2.4	12.75	157.2	0.382
April		30	7.85	7.9	1.4	10.8	111	0.191
July		32	7.5	6.9	1.6	16	146	1.086
October		32	8.3	6.1	1.1	10.6	224	0.735
Minimum			7.4	6.1	1.1	11	111.00	0.19
Maximum			8.3	8.3	2.4	16	224.00	1.09
Average			7.8	7.3	1.6	13	159.55	0.60

Dhenkanal D/s								
Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate- N, mg/l
January	2010	21	7.42	8.4	1	13	229.8	0.024
April		28	7.66	7.4	1.8	14.3	198	0.465
July		34	7.8	8.8	2	20	206	1.388
October		32	8.5	9.2	1.4	11.4	271	0.936
Minimum			7.4	7.4	1.0	11	198.00	0.02
Maximum			8.5	9.2	2.0	20	271.00	1.39
Average			7.8	8.5	1.6	15	226.20	0.70

Bhuban								
Month	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate- N, mg/l
January	2010	27	8.04	8.4	0.7	4.6	150.5	0.087
April		35	8.17	7.7	1.4	12	139	0.117
July		33	7.6	6.6	1.1	12	131	0.406
October		29	7.6	6.7	1.5	13	213	0.95
Minimum			7.6	6.6	0.7	5	131.00	0.09
Maximum			8.2	8.4	1.5	13	213.00	0.95
Average			7.9	7.4	1.2	10	158.38	0.39

Kabatabandha

Month	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate- N, mg/l
January	2010	26	8.03	8.7	1.1	8.05	163.4	0.214
April		34	8.06	7.2	1.6	18	124	0.149
July		31	6.6	6.4	1.1	14	117	0.073
October		28	7.8	8.7	2.1	15.7	213	0.927
Minimum			6.6	6.4	1.1	8	117.00	0.07
Maximum			8.1	8.7	2.1	18	213.00	0.93
Average			7.6	7.8	1.5	14	154.35	0.34

Dharmasala

Month	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate- N, mg/l
January	2010	23	7.94	8	1.2	8.1	225	0.328
April		33	7.79	8.3	1.6	13.2	116	0.165
July		30	7.3	6	1.5	11	226	0.738
October		27	8.1	8	1	13.1	213	0.594
Minimum			7.3	6.0	1.0	8	116.00	0.17
Maximum			8.1	8.3	1.6	13	226.00	0.74
Average			7.8	7.6	1.3	11	195.00	0.46

Pottamundai

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate- N, mg/l
January	2010	27	7.67	8.3	1.2	6.6	213.6	0.072
February		28	8.21	8.65	1.7	8.8	622.8	1.142
March		30	7.4	8.7	1.5	7.6	217	0.181
April		33	7.15	8.2	1.2	8.6	180	0.054
May		35	8.5	8.5	1.4	9.7	178	0.142
June		34	8.1	7.6	1.5	14.4	175	0.043
July		31	7.8	7.6	1	10	167	0.584
August		30	7.51	7.3	1.2	15.4	163.6	0.194
September		30	8.19	7.6	0.8	8.4	242	0.14
October		30	8	6.8	1.8	13.1	207	0.464
November		27	8.4	8.7	2.4	13.1	245	0.279
December		24	8.2	8.7	1.9	6.2	213	0.284
Minimum			7.2	6.8	0.8	6	163.60	0.04
Maximum			8.5	8.7	2.4	15	622.80	1.14
Average			7.9	8.1	1.5	10	235.32	0.30

Khanditara

Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate- N, mg/l
January	2010	24	7.66	9.3	1.4	6.6	154.7	0.189
April		34	7.69	6.8	1	8.2	125	0.024
July		31	7.4	6.4	1.1	8	163	0.328
October		29	7.7	7.4	1.8	9.8	286	0.303
Minimum			7.4	6.4	1.0	7	125.00	0.02
Maximum			7.7	9.3	1.8	10	286.00	0.33
Average			7.6	7.5	1.3	8	182.18	0.21

Binjharpur		Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate- N, mg/l
Stn Name	Year							
January	2010	25	8.16	9.3	1.1	8.05	172.5	0.019
April		37	7.75	8.5	1.3	8.6	111	0.212
July		28	8.1	5.9	1.1	8	191	0.653
October		27	8.1	8.7	1.8	6.6	207	0.041
Minimum			7.8	5.9	1.1	7	111.00	0.02
Maximum			8.2	9.3	1.8	9	207.00	0.65
Average			8.0	8.1	1.3	8	170.38	0.23

Aul		Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate- N, mg/l
Stn Name	Year							
January	2010	26	7.26	8.98	0.4	6.1	227.9	0.059
February		25	7.81	7.8	1.7	8.5	172.9	0.226
March		32	7.4	7.8	1.3	22.8	126	0.262
April		34	8.1	7.3	1.3	9.6	118	0.224
May		36	7.6	8.3	0.4	5.8	258	0.684
June		32	8.0	7.7	0.8	11.2	154	0.539
July		32	7.7	6.7	1.4	12	172	0.287
August		28	7.78	6.5	1.3	12.7	173.4	0.197
September		29	7.78	7.5	1.4	10	188	0.337
October		31	6.7	7.2	1.9	13.1	227	1.035
November		28	8.3	9.1	1.8	13.1	228	0.248
December		23	8	8.8	1.6	8.2	215	0.238
Minimum			6.7	6.5	0.4	6	118.00	0.06
Maximum			8.3	9.1	1.9	23	258.00	1.04
Average			7.7	7.8	1.3	11	188.31	0.36

Sankh								
Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate- N, mg/l
January	2010	16	7.99	8.5	1.6	11.37	174.4	1.116
April		23	7.78	7.1	1.2	10.2	146	0.229
July		28	7.8	6.1	1.8	20	116	0.348
October		30	7.5	6.1	2.2	11.5	171	0.84
Minimum			7.5	6.1	1.2	10	116.00	0.23
Maximum			8.0	8.5	2.2	20	174.40	1.12
Average			7.8	7.0	1.7	13	151.85	0.63

Koel								
Stn Name	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate- N, mg/l
January	2010	18	8.1	8.1	1.6	14.6	183.3	0.975
April		25	8.17	6.8	1.4	10.4	234	0.09
July		27	7.9	6.3	0.8	6	96	0.94
October		30	7.9	6.6	1.6	13.1	159	0.983
Minimum			7.9	6.3	0.8	6.0	96.00	0.09
Maximum			8.2	8.1	1.6	14.6	234.00	0.98
Average			8.0	7.0	1.4	11.0	168.08	0.75

Guradhi nallah								
Month	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate- N, mg/l
January	2010	20	7.63	7.3	12.4	77.9	443.5	8.031
February		24	7.22	4.91	19.8	73.3	394.2	7.04
March		28	8	6	9.1	20	392	9.077
April		28	6.96	5.9	20.2	54.1	377	6.322
May		33	7.1	5.3	32.0	88.3	403	2.808
June		34	7.4	5.9	12.6	62.2	503	3.636
July		29	7.7	6	11.6	76	236	6.044
August		30	8.04	6.4	9.8	92.2	551.5	2.102
September		26	8.14	6.7	14.3	98	548.6	2.461
October		31	6.8	6.5	5.1	26.4	490	2.372
November		30	6.8	6.8	14.2	56.2	433	6.995
December		25	8.2	8.4	10.2	47.1	144	5.348
Minimum			6.8	4.9	5.1	20	144	2.10
Maximum			8.2	8.4	32.0	92	552	9.08
Average			7.5	6.3	14.3	63	410	5.19

Nandira U/s

Month	Year	Temp., °C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., µS/cm	Nitrate- N, mg/l
November	2010	25	8.2	7.5	3.8	23.1	485	0.636
December		23	8.6	6.9	1.6	14.2	282	0.192
Minimum			8.2	6.9	1.6	14.2	282.0	0.2
Maximum			8.6	7.5	3.8	14.2	485.0	0.6
Average			8.4	7.2	2.7	14.2	383.5	0.4

- 2010

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
0.99	1500	840	6.7	0.52	B	0.029	70	0
0.464	2100	1200						
0.232	1400	1100						
0.56	1700	790	5.4	0.9	C	0.001	60	ND
1.68	1200	940						
0.952	2800	1700						
0.504	2200	1400				0.008	36	0
1.12	1700	790						
1.4	1700	1100						
2.24	3500	1700	5.1	0.42	C	0.016	40	0
1.008	2200	1300						
1.568	1400	790						
0.232	1200	790	5.1	0.42		0.00	36.00	0
2.24	3500	1700	6.7	0.9		0.03	70.00	0
1	1950	1138	5.7	0.6		0.01	51.50	0

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
1.65	9400	4600	5	0.4	C	0.019	78	0
1.276	8400	3100						
0.464	9200	3500						
0.448	11000	4900	5	0.5	C	0.140	58	ND
1.344	15000	7000						
1.288	3500	1700						
0.392	9400	630				0.142	72	6
1.12	15000	9400						
2.24	92000	35000						
2.352	9200	5400	5.8	0.5	C	0.025	44	
1.512	22000	13000						
3.024	3300	1700						
0.392	3300	630	--	--				
3.024	92000	35000	--	--				
1	17283	7494	--	--				

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
0.77	6300	2100	--	--	--	0.007	74	0
0.812	2800	1100						
0.406	7900	4900						
0.504	8400	3300	4.8	0.47	C	0.008	60	ND
2.464	2200	1100						
8.4	2200	1100						
0.448	1500	7000				0.052	64	0
1.4	9200	1300						
3.64	54000	35000						
2.352	2800	1400	6	0.66	C	0.012	44	
0.784	11000	7900						
1.904	1100	700						
0.406	1100	700	4.80		0.0			
8.4	54000	35000	6.00		0.0			
2	9117	5575	5.4		#DIV/0!			

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
0.22	4300	2300	--	--	--	0.053	78	0
13.16	3500	1700	--	--	--	0.007	68	ND
0.392	2200	1400				0.017	48	0
1.792	2200	1300				0.027	44	
0.22	2200	1300.0	0		0.0			
13.16	4300	2300.0	0		0.0			
4	3050	1675.0	#DIV/0!		#DIV/0!			

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
0.22	3300	2300	--	--	--	0.017	78	0
16.24	1500	940	--	--	--	0.039	60	ND
0.616	9200	2400				0.012	40	0
2.24	3500	1700				0.027	44	
0.22	1500	940.0	0		0.0			
16.24	9200	2400.0	0		0.0			
5	4375	1835.0	#DIV/0!		#DIV/0!			

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
0.99	2800	1400	--	--	--	0.019	96	0
0.448	5400	2200	--	--	--	0.002	56	ND
0.504	16000	3500				0.014	34	0
1.792	1700	790				0.030	46	
0	1700	790	--	--	0			
2	16000	3500	--	--	0			
1	6475	1973	--	--	#DIV/0!			

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
0.55	1100	490	--	--	--	0.022	44	0
0.336	330	140	--	--	--	0.001	54	6
1.344	16000	5400				0.011	74	0
1.68	3500	2400				0.199	34	
0	330	140	--	--	0			
2	16000	5400	--	--	0			
1	5233	2108	--	--	#DIV/0!			

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
0.66	580	230	--	--	--	0.034	56	0
0.672	480	170	--	--	--	0.001	74	2
0.616	1700	940				0.014	96	2
1.456	1100	700				0.003	38	
1	480	170	0.0		0.0			
1	1700	940	0.0		0.0			
1	965	510	#DIV/0!		#DIV/0!			

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
0.55	470	240	--	--	--	0.007	52	0
0.58	840	430						
0.812	1300	790						
1.4	940	260	--	--	--	0.001	54	6
2.8	790	490						
1.792	840	310						

0.616	460	330				0.011	62	8
2.24	1700	1100						
1.96	1500	940						
3.528	1700	1100				0.018	40	
1.176	2100	1100						
1.232	5400	2200						
1	460	240	0.0			0.0		
4	5400	2200	0.0			0.0		
2	1503	774	#DIV/0!			#DIV/0!		

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
0.77	2800	1100	5.2	0.31	C	0.025	58	0
0.464	2800	1100						
0.232	2200	1100						
0.56	1700	1200	--	--	--	0.001	52	2
2.464	3500	1700						
1.736	1300	790						
0.336	1500	940				0	64	4
1.4	3500	2400						
1.96	5400	1700						
1.792	2800	1700	5.2	0.32	C	0.016	48	
0.616	16000	2400						
1.68	3500	2400						
0	1300	790	5.2					
2	16000	2400	5.2					
1	3917	1544	5.2					

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
0.77	4800	2700	4.6	0.38	C	0.008	70	0
0.58	3500	1300						
0.348	2200	1300						
2.52	3500	2200	6	0.39	C	0.002	52	16
2.8	5400	2200						
1.68	2200	1100						
1.792	2400	1300				0	52	6
1.12	9200	5400						
4.48	16000	9200						
1.568	5800	2500	5.4	0.62	C	0.021	52	

0.55	110	45	--	--	--	0.008	74	0
1.4	110	70	--	--	--	0.005	132	ND
0.224	2400	230				0	124	12
2.576	1300	790				0.04	92	4
0	110	--	--	--				
3	2400	--	--	--				
1	980	--	--	--				

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
0.88	1200	630	--	--	--	0.017	76	0
2.8	1700	790	--	--	--	0	56	ND
0.448	1500	940				0	60	4
1.456	940	310				0.012	64	0
0	940	310	--	--	0			
3	1700	940	--	--	0			
1	1335	668	--	--	#DIV/0!			

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
0.44	1700	940	--	--	--	0.025	84	0
3.92	5400	1100	--	--	--	0.001	84	ND
0.336	16000	5400				0.008	92	6
1.4	1700	790				0.014	92	6
0	1700	790	--	--	0			
4	16000	5400	--	--	0			
2	6200	2058	--	--	#DIV/0!			

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
0.44	3500	1300	5.7	0.37	C	0.002	60	0
1.792	1700	1100	--	--	--	0.002	68	8
0.392	5400	2200				0.037	50	2
1.904	1700	1100				0.021	84	
0	1700	1100	--	--	0			
2	5400	2200	--	--	0			
1	3075	1425	--	--	#DIV/0!			

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
0.66	1500	940	--	--	--	0.005	68	0
3.024	2200	1100	--	--	--	0.002	54	12
0.672	9200	3500				0.022	44	0
1.456	2200	1700				0.012	62	
1	1500	940	0.0		0.0			
3	9200	3500	0.0		0.0			
1	3775	1810	#DIV/0!		#DIV/0!			

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
0.88	2800	1700	--	--	--	0.003	90	0
12.71	2100	1400	--	--	--	0.001	56	ND
3.36	3500	1400				0.011	64	2
1.68	3500	2800				0.011	88	4
1	2100	1400	0.0		0.0			
13	3500	2800	0.0		0.0			
5	2975	1825	#DIV/0!		#DIV/0!			

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
0.55	2800	1400	--	--	--	0.002	84	0
0.348	2200	1100						
0.232	1700	1300						
9.632	1500	840	--	--	--	0.001	74	ND
1.568	2100	1400						
4.816	5400	2200						
0.392	1700	1300				0.023	80	8
2.52	2200	1700						
3.36	2100	1200						
1.344	3500	1700	6	0.5	C	0.006	66	2
0.672	2800	1400						
1.68	2100	1400						
0	1500	840	6.0					
10	5400	2200	6.0					
2	2508	1412	6.0					

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
1.32	1500	700	--	--	--	0.002	70	0
12.936	2800	1300	--	--	--	0.001	52	ND
1.96	2100	1400				0.007	68	8
3.696	3500	1700				0.005	108	
1	1500	700	0.0		0.0			
13	3500	1700	0.0		0.0			
5	2475	1275	#DIV/0!		#DIV/0!			

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
0.66	840	210	--	--	--	0.003	70	0
9.856	4300	2200	--	--	--	0.002	60	ND
2.24	1700	1100				0.011	68	10
1.232	1300	790				0.032	78	
1	840	210	0.00		0.0			
10	4300	2200	0.00		0.0			
3	2035	1075	#DIV/0!		#DIV/0!			

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
0.66	4300	1700	--	--	--	0.002	70	0
0.696	3500	2400						
0.464	16000	5400						
10.136	5400	3500	--	--	--	0.001	58	4
1.064	5400	2400						
5.712	9200	2800						
0.504	16000	5400				0.021	6	0
1.4	160000	9200						
4.48	7900	4900						
1.008	9200	2800				0.018	60	
1.288	2100	1100						
1.904	1500	940						
0	1500	940	--	--	0.0			
10	160000	9200	--	--	0.0			
2	20042	3545	--	--	#DIV/0!			

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
0.66	840	310	--	--	--	0.036	68	0
0.896	1100	270	--	--	--	0.02	62	ND
0.448	1500	940				0.012	38	0
1.568	1700	790				0.045	44	
0	840	270	--	--	0.0			
2	1700	940	--	--	0.0			
1	1285	578	--	--	#DIV/0!			

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
0.55	700	310	--	--	--	0.02	64	0
1.568	840	260	--	--	--	0.001	128	22
0.392	1100	790				0.006	54	0
1.232	3500	1700				0.032	44	
0	700	260	0.0		0.0			
2	3500	1700	0.0		0.0			
1	1535	765	#DIV/0!		#DIV/0!			

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
2.53	1200	490	--	--	--	0.08	96	0
2.088	9200	3500						
0.406	4300	2200						
5.82	840	310				0.15	36	ND
2.016	2100	1100						
2.632	940	460						
0.504	2100	1100				0.289	58	0
0.56	3500	700						
1.12	16000	9200						
1.94	9200	2800				3.3	44	
2.8	16000	2800						
6.496	4600	2300						
0	840	--	--	--	0.0			
6	16000	--	--	--	0.0			
2	5832	--	--	--	#DIV/0!			

NH ₄ -N, mg/l	TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l
1.288	9200	5400						
2.352	480	210				0.006	80	
1.3	480.0	210.0	0.0	0.0	0.0	0.0	80.0	0.0
2.4	9200.0	5400.0	0.0	0.0	0.0	0.0	80.0	0.0
1.8	4840.0	2805.0	#DIV/0!	#DIV/0!	#DIV/0!	0.0	80.0	#DIV/0!

s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l	Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l
88	52	36	10.9	14.174	0.038	0.543	22.96	7
36	30	6	24	3.13	0.009	0.931	17.9	113
40	20	20	9	14.15	0.087	0.403	6.44	68
54	36	18	7.5	13.7	0.282	0.237	9.52	252

s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l	Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l
38	22	16	20.7	5.073	0.031	0.188	16.8	9
44	32	12	9	9.55	0.008	0.281	28.8	78
86	58	28	10	14.59	0.029	0.7	9.52	103
52	36	16	9.5	7.8	0.229	0.211	9.52	91

s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l	Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l
54	34	20	9.9	5.371	0.038	0.244	8.96	10
68	52	16	12	2.39	0.019	0.332	10.9	91
90	60	30	12	19.82	ND	0.449	12.04	134
76	54	22	26.1	33.4	0.065	0.364	7.84	46

s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l	Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l
50	28	22	7	10.444	0.242	0.231	2.8	16
						0.256		
						0.230		
44	40	4	7	3.73	0.038	0.256	49.56	6
						0.214		
						0.319		

66	52	14	10	16.71	0.068	0.099	7.84	98
						0.202		
						0.202		
56	32	24	8.5	10.6	0.110	0.26	17.08	65
						0.218		
						0.24		

s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l	Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l
48	28	20	8	8.504	0.026	0.284	2.8	25
						0.278		
						0.25		
48	32	16	8	3.73	0.046	0.275	46.76	61
						0.233		
						0.299		
68	40	28	10	19.68	0.096	0.086	11.48	10
						0.189		
						0.238		
56	32	24	10.6	5.5	0.056	0.259	5.32	30
						0.206		
						0.199		

s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l	Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l
60	36	24	9	15.069	0.085	0.488	7.28	8
						0.309		
						0.278		
48	30	18	10	3.73	0.062	0.27	42	62
						0.253		
						0.352		
86	50	36	15	20.44	0.574	0.105	6.44	20
						0.244		
						0.266		
74	46	28	13.5	14.6	0.046	0.237	21.84	49

						0.292		
						0.325		

s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l	Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l
64	38	26	11	13.577	0.007	0.271	6.72	36
						0.237		
50	32	18	7	11.7	0.012	0.207	59.08	88
						0.286		
						0.372		
80	48	32	14	13.57	0.066	0.079	5.32	25
						0.382		
						0.313		
88	50	38	16.5	11.3	0.257	0.383	5.88	54
						0.334		
						0.255		

s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l	Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l
164	102	62	12.9	54.756	0.043	0.911	3.36	18
						1.07		
196	140	56	36	53.55	0.138	1.42	43.12	319
148	106	42	40	66.68	0.256	0.401	22.12	264
174	80	94	45	48.9	0.117	0.992	7.28	51
						1.08		
						1.42		

s CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l	Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l
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s	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l	Chloride , mg/l	Sulphate , mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l
						1.07		
110	40	70	25.96	12.9	0.158	0.656	4.48	239
110.0	40.0	70.0	26.0	12.9	0.2	0.7	4.5	239.0
110.0	40.0	70.0	26.0	12.9	0.2	1.1	4.5	239.0
110.0	40.0	70.0	26.0	12.9	0.2	0.9	4.5	239.0

TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l	B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l
86.04	62	4	7	0.57	1.011	0.3	5.3	7.1
7	54	10	7.5	1.3	0.017	0.33	4	7.17
436	444	155.6	3.9	2.6	0.017	3.1	7.3	6.6
88	104	64.9	7.9	1.8	0.185	0.7	2.1	1.6
7	54.00	0.0	3.9	0.57	0.02	0.30	2.1	1.6
436	444.00	0	7.9	2.6	1.01	3.06	7.25	7.17
154	166.000	#DIV/0!	6.6	2	0.31	1.10	5	6

TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l	B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l
151	90	15	16.6	2.81	0.01	2.1	5.8	8.8
19	114	26	13.8	3.6	0.024	3.42	4	8.42
450	492	122.6	8	3.7	0.065	2.8	6.1	6.9
111	200	127.8	10.4	2.3	0.034	0.8	2.8	5.7
	90.0							
	492.0							
	224.0							

TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l	B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l
127	86	6	12	1.78	ND	1.3	5.4	8.8
10	84	13	12.4	3.2	0.013	1.83	3.92	9.67
458	484	134.2	8	3.8	0.031	2.9	4.6	6.3
136	234	126.8	12.5	3.5	0.007	0.9	2.7	8.7
	84.0							
	484.0							
	222.0							

TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l	B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l
107.3	82	18	7.5	1.16	0.027	0.6	5.8	10.8
9	86	10	13.8	3.6	0.024	1.5	4	8.92
464	472	131.2	4.2	2.3	0.045	3.1	4.3	5.4
95	260	137.1	5.3	2.1	0.007	0.6	2.4	7.6
	82.0							
	472.0							
	225.0							

TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l	B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l
127.3	112	4	8	2.42	0.006	2	3.3	7.2
9	84	22	13	3.6	ND	1.58	4.08	5.5
434	426	151.2	4.2	2.8	0.038	3.2	6.9	6.4
104	172	107.5	7.8	2.2	0.02	0.9	4.9	9.1
	84.0							
	426.0							
	198.5							

18	698	10.2	7.2	2	0.048	2.9	3.1	2.9
84	136	116.4	5.8	1.9	0.03	0.3	0.2	1.8
	46.0							
	698.0							
	232.0							

TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l	B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l
76.22	52	3	6.38	0.68	ND	0	4.7	5.4
12	52	15	5.6	1.6	ND	1	3.7	4.08
102	96	10.4	7.3	2	0.065	2.4	4.5	3.6
87	108	83.4	6.7	1.6	0.02	0.6	0.6	2.4
	52.0							
	108.0							
	77.0							

TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l	B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l
95.26	70	5	6.6	0.62	0.058	2.3	2.3	5.8
16	48	26	7.1	1.9	ND	2.58	3.1	5.75
107	82	4.9	9	2.1	0.055	2.3	5.9	6.1
110	142	43.8	8.2	2.2	0.014	0.4	1.9	4.1

	48.0		
	142.0		
	85.5		

TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l	B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l
98.4	76	4	7.84	0.64	0.082	2.6	3.2	9.1
9	80	23	5.9	1.4	ND	1.08	2.75	2.67
101	80	5.4	8.4	2.1	0.062	2.4	5.9	3.4
139	184	49.7	10.3	2	0.024	0.8	3.3	5.8
	76.0							
	184.0							
	105.0							

TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l	B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l
228.4	180	6	9.1	4.37	0.123	2.6	2.3	8.4
15	294	29	22.6	7.2	0.113	2	1.25	6.25
95	322	0.9	26.4	7.1	0.26	2.4	5.0	9.0
266	294	23.8	28.6	3.4	0.03	1.4	2.9	7.3
	180.0							
	322.0							
	272.5							

TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l	B, mg/l	Cadmium, micro gm/l	Copper, micro gm/l	Lead, micro gm/l
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TDS, mg/l	TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l	B, mg/l	Cadmiu m, micro gm/l	Copper, micro gm/l	Lead, micro gm/l
156	365	96.4	17	2	0.01	0.9	2.4	8.1
156.0	365.0	96.4	17.0	2.0	0.0	0.9	2.4	8.1
156.0	365.0	96.4	17.0	2.0	0.0	0.9	2.4	8.1
156.0	365.0	96.4	17.0	2.0	0.0	0.9	2.4	8.1

m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
73.9	0.8	10	ND	609.6
35	1.33	7.25	BDL	48
48	4.1	11.7	0.04	14040
14	0.6	3.6	BDL	1929
--	0.6	3.6	0.04	
--	4.125	11.6875	0.04	
--	1.7	8.1	0.0	

m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Total, micro gm/l
51.4	1.6	13.5	0.041	1060.8
49	1.42	8.92	BDL	756
69	2.4	11.7	BDL	6800
20	0.1	3.8	BDL	8054

Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
32.2	1.2	23.7	0.041	5328.8

51	2.08	10.17	BDL	221
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59	4.4	14.6	0.16	14950
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25	1.6	3.9	BDL	998
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Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
35.4	3.3	17.5	0.041	1142.4
56	1.83	10.17	BDL	643
56	3.4	11.0	BDL	14550
100	2.4	11.3	BDL	5500

Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
61.1	13.3	8	0.081	830.4
46	1.17	5.79	BDL	230
48	2.3	6.0	BDL	14150
111	1	6	BDL	2294

Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
21.2	8	4.8	ND	1051.2
83	0.33	12.92	0.041	144
24	2.6	7.4	0.04	13470
18	1.3	4.2	BDL	13570

Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
83.6	3.9	14	0.04	542.4
75	1.33	11.75	0.041	485
17	2.0	7.0	BDL	13460
21	1.1	8.6	BDL	3130

Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
61.1	0.8	17.7	0.04	1012.8
56	1.5	15.25	BDL	331
19	4.9	7.1	BDL	7460
16	2.7	2	BDL	1493

Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
36.2	0.7	5	ND	710.4

57	1.25	4.5	BDL	811
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24	7.4	3.5	0.08	2570
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89	0.3	2.6	BDL	3566
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Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
42.4	0.7	8.2	0.04	523.2

38	1.33	5.42	BDL	725
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16	8.7	7.6	BDL	6710
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57	1.5	4.9	BDL	1493
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Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
78.4	1.1	5.6	0.08	844.8

106	0.75	11.67	0.122	1282
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43	9.7	11.6	0.16	1650
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45	1	4.9	BDL	3067
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Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
79.2	1.6	5.5	0.02	2241.6

66	0.42	0.75	BDL	1022
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31	9.9	10.3	BDL	2120
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54	1.6	6.2	BDL	2554
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Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
94.1	1.3	3.2	0.12	1104

84	2.08	0.75	BDL	1427
153	3.8	13.4	BDL	1290
11	2.1	3	BDL	590

Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
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128.4	13.3	5.5	0.32	1718.4
84	1.33	2.17	BDL	763
177	7.9	24.4	BDL	3120
61	0.4	2	0.04	2275

Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
12.8	4.9	6.3	0.04	54
16	0.75	0.75	BDL	1886
64	3.0	3.7	BDL	3070
91	0.4	2.5	0.04	2722

Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
25.7	5.5	17.9	0.047	110.4
58	2.17	6.25	0.203	1497
96	4.1	4.7	BDL	5270
82	0.5	1.6	BDL	902

Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
46.2	7.5	5.8	ND	140.4
51	1	0.67	0.08	2818
29	4.3	13.6	BDL	13520
14	0.4	6.1	BDL	5405

Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
68.2	6.3	4.6	0.028	72
92	1.33	1.23	0.04	7978
22	4.3	11.1	0.04	13220
20	2.5	5.8	BDL	6322

Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
34.1	9.8	2.4	ND	758.4
16	1.42	6.33	0.122	3000
16	2.8	6.6	BDL	2260
139	1.1	1.1	BDL	1224

Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
86.8	4.9	6.8	0.04	590.4

57	0.75	7.5	0.203	2030
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56	2.0	7.2	BDL	9230
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56	1.8	4.7	BDL	1358
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Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
39.4	13.5	5.3	0.06	888.0
26	1.25	4.08	BDL	1622
32	1.4	1.8	BDL	3350
166	1.4	1.8	BDL	1267

Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
46.2	14.3	2.3	0.08	609.6
52	1.17	3.5	BDL	1646
27	1.8	0.9	0.04	8830
116	6.4	6.2	BDL	1085

Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
61.1	9.9	6.5	0.08	345.6

96	0.67	4.92	0.285	758
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16	1.9	2.4	0.04	13290
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89	4.6	7	BDL	2208
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Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
13.5	1.7	12.7	ND	1195.2
46	0.75	8.17	0.04	384
48	4.2	5.9	0.12	14260
18	2.9	5.1	BDL	2482

Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
19.3	1.6	14.2	ND	955.2
64	1.58	4.33	0.04	139
22	3.6	3.6	BDL	12450
14	2.9	2.6	BDL	3878

Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
83.6	19.1	10.4	0.08	1420.8

80	1.17	11.2	BDL	14266
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105	4.1	18.6	0.08	9300
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91	6.6	10.8	0.4	9570
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Chromium m Total, micro gm/l	Nickel, micro gm/l	Zinc, micro gm/l	Mercury, micro gm/l	Iron Total, micro gm/l
57	0.9	3.1	0.4	6715
57.0	0.9	3.1	0.4	6715.0
57.0	0.9	3.1	0.4	6715.0
57.0	0.9	3.1	0.4	6715.0