

Reference	Description	Date	Depth to Water m(bTOC)	Temperature °C	pH	Electrical Conductivity
Units			0.01	0.1	pH Units	µS/cm
PQL			AS5667.11	Temp	0.1	50
Method					APHA 4500-H E	APHA 2510 B
4610/1	MW1	27/07/2017	7.3	18	4.1	355
4610/2	MW5	27/07/2017	35.24	19.3	5.1	113
4610/3	MW6 (Offic	27/07/2017	17.83	18.4	9.3	103
4610/4	MW7	27/07/2017	28.95	18.2	5.3	192
4610/5	MW8	27/07/2017	34.64	18.5	5.1	178
4610/6	MW9	27/07/2017	37.64	18.2	4.9	148
4610/7	MW10	27/07/2017	31.88	18.6	4.7	180
4610/8	MW11	27/07/2017	8.68	18.2	4.7	154
4610/9	MW12	27/07/2017	15.9	18.3	5.3	96
4610/10	MW13	27/07/2017	26.64	18.6	4.9	134
4610/11	PB1- Plant	27/07/2017		19.2	4.6	148
4610/13	Process Da	27/07/2017		13.9	4.5	134
4610/14	Drying Por	27/07/2017		17.7	4.5	139
4610/15	Dam 3	27/07/2017		13	6.6	133
4610/16	Dam 4	27/07/2017		13.7	6.6	116
4610/17	Drying Are	27/07/2017		14.5	4.9	77
5280/1	MW1	11/01/2018	8.15	18.4	4.1	396
5280/2	MW6 (Offic	11/01/2018	19.04	18.7	7.1	110
5280/3	MW7	11/01/2018	29.1	18.6	5.4	170
5280/4	MW8	11/01/2018	34.83	19.1	4.7	183
5280/5	MW9	11/01/2018	38.27	18.9	4.6	117
5280/6	MW10	11/01/2018	32.7	19.3	4.5	186
5280/7	MW11 (Off	11/01/2018	11.65	18.8	4.7	158
5280/8	MW12	11/01/2018	16.22	18.8	5.5	103
5280/9	MW13	11/01/2018	26.89	19	4.5	141
5280/13	Dam2 - Ta	11/01/2018	4.07	21.6	4.3	254
5280/14	Dam 3 - Ni	11/01/2018	5.15	24.9	7.1	177
5280/15	Dam 4 - Fa	11/01/2018	5.94	23.4	6.9	165
5665/1	MW1	5/04/2018	8.47	19.6	4.2	385
5665/2	MW6 (Offic	5/04/2018	20.01	20.1	10.3	406
5665/3	MW7	5/04/2018	29.7	19.1	5.8	237
5665/4	MW8	5/04/2018	34.94 [NT]	[NT]	[NT]	
5665/5	MW9	5/04/2018	39.08	19.7	4.6	148
5665/6	MW10	5/04/2018	33.52	20.7	4.4	190
5665/7	MW11 (Off	5/04/2018	12.69	19.3	4.6	151
5665/8	MW12	5/04/2018	16.5	21.2	5.2	102
5665/9	MW13	5/04/2018	27.04 [NT]	[NT]	[NT]	
5665/12	Dam1 - Prc	5/04/2018	2.34	23	4.4	229
5665/13	Dam2 - Ta	5/04/2018	3.29	25.9	4.3	249
5665/14	Dam 3 - Ni	5/04/2018	0.65	25.2	7.8	223
5665/15	Dam 4 - Fa	5/04/2018	0.65	25.4	8.8	188
6195/1	MW1	26/07/2018	8.87	18.4	4.1	379
6195/2	MW6 (Offic	26/07/2018	21.02	19.2	9.6	388

6195/3	MW7	26/07/2018	30.06	18.2	5.5	229
6195/4	MW8	26/07/2018	35.15	19.1	4.4	175
6195/5	MW9	26/07/2018	39.58	19	4.5	149
6195/6	MW10	26/07/2018	34.59	18.8	4.4	184
6195/7	MW11 (Off	26/07/2018	14.8	18.4	4.8	148
6195/8	MW12	26/07/2018	16.83	18.7	5.7	105
6195/9	MW13	26/07/2018	27.17	20	4.3	146
6195/12	Dam 1 - Pr	26/07/2018	2.54	12.4	4.6	209
6195/13	Dam 2 - Tz	26/07/2018	2.43	15.3	4.6	215
6195/14	Dam 3 - Ni	26/07/2018	0.62	12.7	7.1	165
6195/15	Dam 4 - Fz	26/07/2018 [NT]		13.8	7.4	140
6496/1	MW1	1/11/2018	8.36	17.5	4	333
6496/2	MW6 (Offic	1/11/2018	21.76	18.9	9	416
6496/3	MW7	18/10/2018	30.5	19.8	5.9	249
6496/4	MW8	1/11/2018	35.28	18.4	4.3	171
6496/5	MW9	1/11/2018	39.86	18.4	4.7	107
6496/6	MW10	1/11/2018	35.33	18.5	4.4	169
6496/7	MW11 (Off	1/11/2018	14.84	18	5	135
6496/8	MW12	18/10/2018	16.68	19.4	5.1	100
6496/9	MW13	1/11/2018	27.24	18.7	4.5	133
6496/12	Dam 1 - Pr	18/10/2018	2.68	23.4	4.9	100
6496/13	Dam 2 - Tz	18/10/2018	1.87	24.4	4.7	112
6496/14	Dam 3 - Ni	18/10/2018	4.22	22.3	7	189
6496/15	Dam 4 - Fz	18/10/2018	5.38	23.2	8.6	138
6891/1	MW1	10/01/2019	9.12	17.4	4	322
6891/2	MW6 (Offic	10/01/2019	22.28	18.6	9.5	424
6891/3	MW7	10/01/2019	30.83	17.7	5.3	181
6891/4	MW8	10/01/2019	35.48	19.1	4.3	180
6891/5	MW9	10/01/2019	40.14	19.1	4.6	146
6891/6	MW10	10/01/2019	35.78	18.6	4.4	170
6891/7	MW11 (Off	10/01/2019	15.09	18.4	4.5	136
6891/8	MW12	10/01/2019	16.8	17.8	5.2	94
6891/9	MW13	10/01/2019	27.41	18.3	4.9	132
6891/12	Dam 1 - Pr	10/01/2019	2.51	23.7	4.5	162
6891/13	Dam 2 - Tz	10/01/2019	2	24.2	4.5	169
6891/14	Dam 3 - Ni	10/01/2019	4.31	25.8	7.8	214
6891/15	Dam 4 - Fz	10/01/2019	5.24	25.9	9	172
7210/1	MW1	4/04/2019	9.19	18.2	4.1	307
7210/2	MW6 (Offic	4/04/2019	22.46	18.7	9.6	415
7210/3	MW7	4/04/2019	31.2	19.6	5.8	268
7210/4	MW8	4/04/2019	35.63	18.8	4	199
7210/5	MW9	4/04/2019	40.41	18.7	4.6	146
7210/6	MW10	4/04/2019	36.09	18	4.3	173
7210/7	MW11 (Off	4/04/2019	15.34	17.8	4.5	139
7210/8	MW12	4/04/2019	16.75	18.7	4.9	93
7210/9	MW13	4/04/2019	27.6	18.2	4.1	140
7210/12	Dam 1 - Pr	4/04/2019	2.01	22.4	4.6	127
7210/13	Dam 2 - Tz	4/04/2019	1.64	20.6	4.4	119
7210/14	Dam 3 - Ni	4/04/2019	4.86	21.4	7.7	197
7210/15	Dam 4 - Fz	4/04/2019	4.8	21.5	8.1	143

7778/1	MW1	25/07/2019	9.17 [NT]	[NT]	[NT]	
7778/2	MW6 (Offic	25/07/2019	22.89	17.9	9.9	421
7778/3	MW7	25/07/2019	31.4	17.8	5.5	217
7778/4	MW8	25/07/2019	35.63	17.9	5	147
7778/5	MW9	25/07/2019	40.59	18.1	4.8	121
7778/6	MW10	25/07/2019	36.35	17.7	4.5	176
7778/7	MW11 (Off	25/07/2019	15.36	18.8	4.5	149
7778/8	MW12	25/07/2019	16.7	20.4	4.8	96
7778/9	MW13	25/07/2019	27.57	18	4.3	143
7778/12	Dam 1 - Pr	25/07/2019	2.69	12.8	4.4	167
7778/13	Dam 2 - Tã	25/07/2019	1.73	12.9	4.5	168
7778/14	Dam 3 - Ni	25/07/2019	3.13	13.7	6.9	156
7778/15	Dam 4 - Fã	25/07/2019	4.6	14.2	7.8	118
8153/1	MW1	18/10/2019	9.01	18	4.2	254
8153/2	MW6 (Offic	18/10/2019	22.81	18.7	9.4	533
8153/3	MW7	18/10/2019	31.42	19.8	5.8	281
8153/4	MW8	18/10/2019	35.6	23.4	4.2	221
8153/5	MW9	18/10/2019	40.69	21.1	4.5	148
8153/6	MW10	18/10/2019	36.39	20.8	4.5	179
8153/7	MW11 (Off	18/10/2019	15.26	21.3	4.6	154
8153/8	MW12	18/10/2019	16.6	20.7	5.1	98
8153/9	MW13	18/10/2019	27.62	21.3	4.6	141
8153/12	Dam 1 - Pr	18/10/2019	2.04	20.2	4.4	148
8153/13	Dam 2 - Tã	18/10/2019	1.32	21.4	4.4	162
8153/14	Dam 3 - Ni	18/10/2019	2.79	21.6	7.4	183
8153/15	Dam 4 - Fã	18/10/2019	3.39	22.4	8.8	117
8489/1	MW1	10/01/2020	8.93	18.3	4.1	260
8489/2	MW6 (Offic	10/01/2020	23.21	23.8	9.4	475
8489/3	MW7	10/01/2020	31.56	26.9	6	288
8489/4	MW8	10/01/2020	35.63	25.3	4.2	231
8489/5	MW9	10/01/2020	40.59	25.5	4.9	133
8489/6	MW10	10/01/2020	36.59	25.4	4.5	194
8489/7	MW11 (Off	10/01/2020	16.37	21.6	4.5	152
8489/8	MW12	10/01/2020	16.52	27.2	5.3	118
8489/9	MW13	10/01/2020	27.73	19.8	4.2	143
8489/12	Dam 1 - Pr	10/01/2020	3.65	27.5	4	479
8489/13	Dam 2 - Tã	10/01/2020	1.84	31.1	4	523
8489/14	Dam 3 - Ni	10/01/2020	4.57	27.4	7.8	237
8489/15	Dam 4 - Fã	10/01/2020	4.43	28.6	9.4	192
8836/1	MW1	3/04/2020	7.82	21.2	4.5	244
8836/2	MW6 (Offic	3/04/2020	20.98	22.9	9.9	434
8836/3	MW7	3/04/2020	31.54	22.9	5.8	242
8836/4	MW8	3/04/2020	35.67	23.5	4.2	229
8836/5	MW9	3/04/2020	40.17	22.7	4.6	148
8836/6	MW10	3/04/2020	34.96	22.6	4.5	177
8836/7	MW11 (Off	3/04/2020	12.33	21.7	4.6	138
8836/8	MW12	3/04/2020	16.48	22.8	5.5	164
8836/9	MW13	3/04/2020	27.84	23.9	4.5	144
8836/12	Dam 1 - Pr	3/04/2020		24.4	4.4	126
8836/13	Dam 2 - Tã	3/04/2020		23.3	4.5	112

8836/14	Dam 3 - Ni	3/04/2020		24.8	6.9	170
8836/15	Dam 4 - Fè	3/04/2020		25.1	7.6	117

Total Dissolved Solids mg/L @105°C	Nitrate as N mg/L	Total Hardness mg CaCO3/L	Chloride, Cl mg/L	Sulphate, SO4 mg/L	Calcium- Dissolved mg/L	Magnesium- Dissolved mg/L
50	0.005	1	1	1	0.5	0.5
AS3550.4	EXT	EXT	EXT	EXT	EXT	EXT
247			47	4	5	14
61			22	2	1	1
55			18 <1		2	1
215			29	9 <0.5	<0.5	
116			37	2	4	3
96			24	2	3	2
108			39 <1		0.6	4
90			32 <1	<0.5		2
72			13	7	2	0.9
92			27	1	2	2
88			30 <1	<0.5		3
90			25	4 <0.5		2
75			25	4 <0.5		2
77			20	9	3	3
63			20	3	2	3
49			15	2 <0.5		1
247						
69						
106						
114						
73						
116						
99						
64						
88						
159						
111						
103						
241	16	88	57	5	7	17
254	0.04 <3		49	21 <0.5	<0.5	
148	2.6 <3		30	18 <0.5	<0.5	
92	0.074	11	32	2	1.5	1.8
119	1.2	17	43 <1	<0.5		4.2
95	0.91	13	36 <1	<0.5		3
64	0.44	6	14	9	1.5	0.6
143	0.9	14	48	4	0.8	2.9
156	0.97	14	48	8	0.9	2.9
139 <0.005		34	32	11	5.3	5.1
117	0.11	25	30	8	2.8	4.4
237	15	87	63	61	5.4	18
242 <0.005	<3		65	8	0.8 <0.5	

143	1.8 <3		30	23 <0.5	<0.5	
110	0.62	16	46	2	0.8	3.5
93	0.15	10	32	8	1	1.9
115	1.1 <3		45	3 <0.5	<0.5	
92	0.97	13	36	2 <0.5		3.1
66	0.48 <3		16	13 <0.5	<0.5	
91	0.82 <3		28	4 <0.5	<0.5	
131	1.8	17	57	2	0.6	3.7
134	1.7	17	57	4	0.5	3.7
103 <0.005		33	36	21	4.5	5.3
88 <0.005		23	32	8	2.3	4.1
208	13	70	62	10	4.5	14
260	0.03	7	84	2	1.6	0.8
156	1.3 <3		34	22 <0.5	<0.5	
107	0.85	9	49	5 <0.5		2.2
67	0.39	11	29	6	3.1	0.8
106	1.1	17	49 <1		0.8	3.7
85	1	17	39	2	3	2.3
63	0.43	4	18	11	1.5 <0.5	
83	0.97	11	36	3	1.6	1.6
63	0.59	6	23	3	0.7	1.1
70	0.68	6	24	2	0.7	1.2
118	0.1	27	34	20	4.2	4.1
86	0.03	17	26	7	1.9	2.9
201	13	58	50	4	3.6	12
265	0.04 <3		75	1	0.7 <0.5	
113	2.4 <3		29	18 <0.5	<0.5	
112	1.5	9	38	3	1.1	1.4
91	0.11	13	33	3 <0.5		3.3
106	1.1	13	41 <1	<0.5		3
85	1.3	8	32 <1	<0.5		1.9
59	0.36	7	15	9	1.8	0.5
82	0.97	11	29	2	2.3	1.4
101	0.84	8	35	2	0.5	1.6
106	0.96	7	35 <1	<0.5		1.6
134 <0.005		25	33	16	4.2	3.5
107 <0.005		16	29	7	1.8	2.7
192	11	63	51	6	3.6	13
259	0.04 <3		85	2	0.7 <0.5	
167	0.97 <3		45	23 <0.5	<0.5	
124	0.63	14	47	1	0.7	3
91	0.03	11	35	2	1.3	2
108	0.95	18	44 <1	<0.5		4.4
87	1.5	12	33 <1	<0.5		2.9
58	0.4	6	16	9	1.2	0.7
88	0.98	9	32	2	0.7	1.7
79	0.5	6	26	3 <0.5		1.6
74	0.57	5	27	2 <0.5		1.3
123 <0.005		32	35	14	5.2	4.6
90 <0.005		21	27	6	2.4	3.7

[NT]	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
263	0.02	<3		85	3	0.7	<0.5
136	2.1	<3		28	17	<0.5	<0.5
92	2.2		5	25	3	1	0.5
76	0.53		5	23	5	0.6	0.8
110	1		19	38	<1	0.6	4.1
93	1.9		14	29	1	<0.5	3.3
60	0.39	<3		13	8	0.6	<0.5
89	0.95		10	29	2	1	1.9
104	1.3		13	41	2	<0.5	3.2
105	1.3		13	41	2	<0.5	3.1
97	<0.005		27	30	13	4	4.2
74	<0.005		28	29	13	4	4.3
159	6.8		49	41	8	2.9	10
333	0.02	<3		88	5	<0.5	<0.5
176	0.74	<3		31	24	<0.5	<0.5
138	0.57		15	45	1	1	3.1
92	0.03		11	30	2	1	2
112	0.86		17	38	<1	<0.5	4.2
96	2.4		13	28	<1	<0.5	3.2
61	0.45		5	100	24	1	0.6
88	0.97		11	28	1	1.1	2
93	0.5		8	29	3	<0.5	1.9
101	0.62		8	30	3	<0.5	1.9
114	<0.005		29	28	13	4.4	4.3
73	<0.005		17	18	3	2.1	2.8
162	7.1		49	47	9	3.5	9.8
297	<0.005		6	99	5	1.1	0.7
180	0.11	<3		32	18	<0.5	<0.5
144	0.62		17	52	83	1.7	3.2
83	0.97		10	23	3	1.7	1.5
121	1		18	40	<1	0.7	3.9
95	2.5		14	29	1	0.5	3.1
74	0.48		6	15	9	1.3	0.7
90	0.99		10	31	1	0.8	1.9
299	0.99		28	100	6	1	6.2
327	0.52		27	100	8	1.2	5.8
148	<0.005		34	35	12	5.4	4.9
120	0.008		23	30	5	2.8	3.8
152	2.8		43	47	11	4.4	7.9
271	<0.005	<3		99	4	<0.5	<0.5
151	0.87	<3		30	20	<0.5	<0.5
143	0.56		17	55	1	0.9	3.7
93	0.04		12	34	2	1.2	2.2
111	0.88		19	41	<1	<0.5	4.6
86	2.4		15	29	1	0.6	3.2
102	0.14		32	18	23	8.7	2.6
90	1		10	30	2	1.1	1.9
79	0.43		10	26	3	0.6	2
70	0.093		10	23	3	0.6	2

106 <0.005	33	23	5	5.6	4.5
73 <0.005	16	17	3	2	2.6



Sodium-Dissolved mg/L 0.5 EXT	Potassium-Dissolved mg/L 0.5 EXT	Oil and Grease mg/L 5 APHA 5520 B WI/53	Total Alkalinity mg CaCO3/L 30 APHA 2320B
25	4		<5
13	2		5
12	5		19
59 <0.5			12
26 <0.5			8
16	0.8		<5
27	0.6		<5
19	1		<5
12 <0.5			11
16 <0.5			<5
19	0.7		<5
16	2		<5
17	3		<5
13	4		13
13	2		15
11	1		<5
		<5	
		<5	
		<5	
		<5	
		<5	
		<5	
		<5	
		<5	
		<5	
		<5	
		<5	
		<5	
		<5	
24	3.4		<30
84	1.2		83
52 <0.5			<30
20 <0.5			<30
24	0.5		<30
19	1.5		<30
13 <0.5			<30
29	3.4		<30
30	3.4		<30
17	6		<30
18	3		<30
18	3.9		<30
71	1.2		76

40	<0.5		<30	
19	<0.5		<30	
16	<0.5		<30	
23	<0.5		<30	
16		1.5	<30	
20	<0.5			35
23	<0.5		<30	
27		4.3	<30	
25		4.1	<30	
17		5.1	<30	
16		2.4	<30	
16		3.6	<30	
78		1.3		87
50	<0.5			34
17	<0.5		<30	
14	<0.5		<30	
16		0.6	<30	
14		1.6	<30	
15	<0.5		<30	
14		0.6	<30	
11		2	<30	
12		2.1	<30	
16		5.5	<30	
14		2.8	<30	
19		4.5	<30	
110		1		74
46	<0.5		<30	
27	<0.5		<30	
20		0.5	<30	
18		0.5	<30	
15		1.1	<30	
13	<0.5		<30	
16	<0.5		<30	
18		1.8	<30	
19		1.6	<30	
17		5.9	<30	
17		3.2	<30	
15		3.6	<30	
96		1.1		58
62		0.6		34
17	<0.5		<30	
15		0.5	<30	
17		0.6	<30	
15		1.3	<30	
11	<0.5		<30	
13	<0.5		<30	
11		2.2	<30	
11		2.4	<30	
15		5.5	<30	
12		2.3	<30	

[NT]	[NT]	[NT]	[NT]
	59	1.2	38
	27 <0.5		<30
	25 <0.5		<30
	16 <0.5		<30
	18	0.8	<30
	16	1.4	<30
	12 <0.5		<30
	15	0.8	<30
	19	4.3	<30
	19	4.3	<30
	15	4.2	<30
	15	4.2	<30
	17	3.4	<30
	61	0.9	33
	49 <0.5		37
	21 <0.5		<30
	16 <0.5		<30
	18	0.6	<30
	16	1.3	<30
	13 <0.5		<30
	16 <0.5		<30
	16	3	<30
	17	3.1	<30
	15	4.8	<30
	11	2.1	<30
	18	4.7	<30
	69	1	40
	48	0.6	62
	22 <0.5		<30
	14 <0.5		<30
	18	0.7	<30
	16	1.3	<30
	14 <0.5		<30
	16 <0.5		<30
	45	5.9	<30
	46	6.3	<30
	18	5.6	<30
	17	3.5	<30
	20	2.3	<30
	81	1	36
	43 <0.5		39
	22 <0.5		<30
	17	0.7	<30
	19	0.7	<30
	16	1.5	<30
	11	6.2	<30
	15 <0.5		<30
	12	2.8	<30
	11	2.3	<30

12	8.1		<30
9.7	3.6		<30

