The physico-chemical indicators of water samples during 2022

Month/ indicator	EC, μS/cm	pH	DO, mg/L	T, NTU	NH_4^+ (mg/L)	NO_3^- (mg/L)	NO_2^- (mg/L)	Water hardness h_t (^{o}g)	Alkalinity (mg/L $CaCO_3$)	Cl^- (mg/ L)	PO_4^{3-} (mg/L)	Temp (°C)
Teceu Lake,P1												
Jan.	246	7.96	11.91	2.31	0.21	5	0.001	6.9	97	41	0.32	2.40
Febr.	298	7.81	11.83	3.29	0.23	11	0.001	7.2	112	61	0.47	6.5
March	257	7.96	11.66	5.90	1.24	2.17	0.001	6.33	130	41	0.25	5.4
April	180	7.63	10.68	5.19	0.45	0.67	0.001	4.1	85	17.6	0.12	13.1
May	373	7.47	7.83	9.61	0.335	0.575	0	11.05	191	17.5	0.11	23.2
June	359	7.54	7.36	4.96	0.65	1.21	0	8.7	163	33.2	0.24	18.1
July	341	7.68	7.84	2.9	0.16	0.92	0.002	7.3	158	26.4	0.18	25.3
Aug.	312	7.75	7.64	5.96	0.19	0.83	0	6.5	137	26.8	0.07	26.4
Sept.	435	8.01	8.79	2.85	0.46	0.94	0.001	9.1	176	63.6	0.05	19.1
Oct.	444	7.50	9.27	4.38	0.910	0.840	0.002	7.6	132	61.4	0.28	7.5
Nov.	423	7.73	9.75	2.79	1.24	1.49	0.001	8.4	144	46	0.36	6.7
Dec.	297	7.86	10.47	3.24	0.39	2.88	0.001	7.2	157	38	0.29	4.5
Teceu Lake,P2												
Jan.	257	7.69	11.84	2.31	0.260	8.0	0.001	7.1	116	43.0	0.52	2.5
Febr.	324	7.49	11.72	3.29	0.370	15.0	0.001	7.4	123	58.0	0.49	6.6
March	267	7.91	11.59	5.90	1.36	3.08	0	6.52	141	43.3	0.43	5.5
April	192	7.54	10.46	5.19	0.541	0.85	0.001	4.20	92	18.9	0.21	13.1
May	382	7.41	7.66	9.61	0.403	0.76	0.001	12.00	209	18.8	0.17	23.6
June	378	7.47	6.79	4.96	0.710	1.43	0	9.40	166	35.5	0.33	18.1
July	356	7.48	7.41	2.9	0.184	0.806	0.008	7.67	172	28.5	0.32	25.8
Aug.	334	7.10	7.17	5.96	0.238	1.02	0	7.0	146	29.2	0.14	27.0
Sept.	458	7.33	8.70	2.85	0.524	1.26	0	9.2	183	66.1	0.07	19.3
Oct.	463	7.12	8.87	4.38	1.130	3.150	0.001	10.70	177	66.4	0.31	7.8
Nov.	443	7.61	9.69	2.79	1.910	5.780	0.001	11.10	165	51.0	0.39	6.9
Dec.	301	7.72	10.29	3.24	0.538	3.270	0.001	10.90	139	48.0	0.33	4.7

Groundwater potable source												
Jan.	1690	7.23	5.62	2.16	0.558	1.750	0.001	19.30	172	121.2	0.05	5.40
Febr.	2440	7.16	5.16	4.63	0.181	21.00	0	24.0	156	234	0.05	6.2
March	2480	7.33	4.62	5.96	0.584	6.1	0	32.8	242	197	0	4.7
April	1980	6.78	5.69	4.80	0.212	3.08	0	22.96	196	186.8	0.24	12.9
May	1840	6.87	5.36	4.88	0.098	2.74	0.000	19.40	216	164.8	0.28	19.6
June	1865	6.93	5.19	5.10	0.094	3.30	0.001	19.63	214	161.2	0.24	16.3
July	1890	7.05	5.01	4.09	0.099	3.930	0	21.06	208	157.4	0.16	21.8
Aug.	1580	7.06	5.39	4.82	0.087	5.76	0	16.6	178	177	0.18	25.0
Sept.	1760	7.20	5.02	4.76	0.202	5.24	0.002	20.8	154	189	0.16	18.9
Oct.	2050	7.31	5.77	3.40	0.436	8.91	0.000	26.88	160	180	0.01	7.3
Nov.	1575	7.05	5.94	2.70	0.503	1.81	0.001	18.50	186	186	0.01	6.2
Dec.	1860	7.23	6.27	2.40	0.323	0.94	0.001	18.80	198	183	0.03	5.3