

Water analysis from Wetland (Chile) – 7-8 July 2016- Equipment: Dionex ICS 3000
 (calibration made on Ontario river reference water)

i) Analysis of ions concentration. SD (Standard deviation). N/A (not detectable).

Cations/Anions name	Concentration, mg/L							
	Sample name							
	Hum principal H1	SD	Turbera 2	SD	Humedal 3	SD	Humedal 4 Laguna	SD
Na ⁺	6.69	0.02	9.41	0.01	2.85	0.01	3.26	0.02
NH ₄ ⁺	15.33	0.01	3.47	0.01	1.075	0.001	0.675	0.004
K ⁺	9.32	0.03	34.49	0.05	16.08	0.02	4.916	0.003
Mg ²⁺	1.09	0.02	N/A	N/A	0.85	0.01	0.302	0.002
Ca ²⁺	11.22	0.1	3.04	0.02	11.67	0.04	13.35	0.02
F ⁻	0.0237	0.0001	0.031	0.001	0.025	0.001	0.03	0.001
Cl ⁻	7.2	0.03	24.5	0.03	10.92	0.14	3.85	0.02
Br ⁻	0.0083	0.0001	0.0151	0.0002	0.0078	0.0002	N/A	N/A
PO ₄ ³⁻	0.008	0.001	0.313	0.001	0.01	0.003	0.031	0.002
SO ₄ ²⁻	N/A	N/A	0.55	0.01	3.01	0.06	3.69	0.01
NO ₃ ⁻	0.08225	0.0002	0.0586	0.0004	0.035	0.001	0.0764	0.0003
NO ₂ ⁻	N/A	N/A	0.0121	0.0004	N/A	N/A	N/A	N/A

ii) Main physico-chemical parameters.

Parameter	Sample name							
	Hum principal H1	SD	Turbera 2	SD	Humedal 3	SD	Humedal 4 Laguna	SD
pH	6.6	0.1	6.3	0.1	6.4	0.1	6.4	0.1
T (C°)	24.2	0.1	24.3	0.1	24.4	0.1	24.4	0.1
Conductivity, uS/cm	188.95	0.07	168.3	0.1	175.35	0.07	124.1	0.1