

7440-66-6	Zinc (Zn)	0.0051	0.018	<0.0030	<0.0030	0.16	<0.0030
7440-41-7	Beryllium (Be)	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Ion Balance						
0	Ionic Balance	0.94	2.3	2.3	2.4	4.2	0.089
	Sum of cations, anions						
0	Anion Sum	9.7	9.0	8.9	8.2	8.2	12
0	Cation Sum	9.9	9.4	9.3	8.7	8.9	12
	Ammonia-N (Total)						
0	Ammonia as N	0.058	0.065	0.11	-	-	-
	Nitrate and Nitrite						
	Nitrate (as NO3)	<0.044	0.079	<0.044	3.3	0.071	3.4
	Nitrite (NO2)	<0.033	<0.033	<0.033	<0.033	<0.033	0.036
	Nitrate + Nitrite-N (calculated)						
	Nitrate plus Nitrite (N)	<0.014	0.018	<0.014	0.75	0.016	0.78
	Nitrogen (Nitrite - Nitrate) by IC						
	Nitrate (as N)	<0.010	0.018	<0.010	0.75	0.016	0.77
	Nitrite (as N)	<0.010	<0.010	<0.010	<0.010	<0.010	0.011
	pH @25°C						
	pH	8.12	8.22	8.29	8.06	8.48	8.28
	Orthophosphate by Konelab						
	Ortho Phosphate (P)	0.030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030
	Total Dissolved Solids (Filt. Residue)						
	TDS	510	450	450	-	-	-
	Total Dissolved Solids (Calculated)						
	TDS (calculated)	490	460	440	420	420	600
	Total Kjeldahl Nitrogen						
	Total Kjeldahl Nitrogen	0.72	0.37	1.0	-	-	-
	Phosphorus -P (Total, Dissolved)						
	Phosphorus (P)	0.064	0.0041	0.037	-	-	-
	Total Phosphorus						
	Phosphorus (P)	0.057	0.013	0.028	-	-	-
	Total Suspended Solids (NFR)						
	TSS	8.0	17	8.4	-	-	-
	Turbidity						
	Turbidity	1.8	8.9	6.5	0.59	0.53	13
	Turbidity						
	Turbidity	3.3	2.0	1.8	2.4	0.74	2.0



Wetland 06 - Fall 2019 Monitoring Data Results

Flow Data For October 16, 2019

Site	Channel Width (m)	Depth*(m)			Velocity* (m/sec)			Discharge (m3/sec)	Comments
		RMID	MID	LMID	RMID	MID	LMID		
FL 1	0.25	-	0.12	-	-	0.10	-	-	
FL 2	1.30	-	0.42	-	0.00	0.00	0.00	-	Channel had water present but no measurable velocity in the channel
FL 3	5.00	-	0.40	-	0.00	0.00	0.00	-	Channel had water present but no measurable velocity in the channel
FL 4	-	-	-	-	-	-	-	-	Channel was dry at the time of the survey

* RMID= right mid channel, MID= mid channel, LMID= left mid channel
 (-)= null result

In-situ Water Quality Parameters - October 16, 2019

Site	Temperature	Dissolved Oxygen (mg/l)	pH	Conductivity (µS/cm)	Depth (m)
WQ1	5.59	4.84	7.84	810.08	0.20
WQ2	4.13	10.53	8.52	741.99	0.21
WQ3	3.87	7.31	8.19	766.22	0.22
WQ4a	7.37	3.03	8.03	629.18	0.20
WQ4b	6.43	10.51	8.89	722.24	0.10
WQ5a	-	-	-	-	Dry
WQ5b	7.24	10.93	8.38	933.77	0.22
WQ5c	-	-	-	-	Dry

(-)= null result