

Water Quality Data Sheet

Lake: Alice
 Date: 2/26/09

Data Recorder: Crystal Swartzfager
 Group #: 2

Station 1: Deep Hole

Secchi (ft) 6.5/10.5 ^{depth} Ambient Temp. (°C) 17.3

Depth (m)	Temp. (°C)	Oxygen (mg/L)
0.0	18.1	8.85
0.5	18.4	9.00
1.0	18.4	8.85
1.5	17.9	8.77
2.0	16.0	8.11
2.5		

Station 2: By Pilings

Secchi (ft) 5.0 ^{depth} / bottom Ambient Temp. (°C) 21.0

Depth (m)	Temp. (°C)	Oxygen (mg/L)
Surface	18.6	9.29
1	17.9	9.24
Bottom	17.8	0.0

Station 3: Marsh

Secchi (ft) 2.5 ^{depth} / bottom Ambient Temp. (°C) 20.4

Depth (m)	Temp. (°C)	Oxygen (mg/L)
Surface		
Surface inside plants	18.4	8.36
Bottom outside plants	17.8	7.90

Station 4: Bridge North South Drive

Secchi (ft) _____ Ambient Temp. (°C) _____

Depth (m)	Temp. (°C)	Oxygen (mg/L)
Surface	_____	_____
Bottom	_____	_____

Station 5: Hume Pond

Secchi (ft) _____ Ambient Temp. (°C) _____

Depth (m)	Temp. (°C)	Oxygen (mg/L)
Surface	_____	_____

Group #2

2-26-09

Station	Depth	Date	pH	mg/L total alkalinity	mg/L total hardness	mg/L chloride	Conductivity @ 25°	µg/L chlorophyll	mg/L total phosphorus
1	Surface	2-26-09	8.0	80.0	124	32.0	339	0.72	0.658
	1 m		8.1	81.0	124	31.5	340	0.72	0.665
2	Surface	↓	8.0	81.0	124	31.0	341	0.80	0.672
			8.2	82.0	122	335	0.62	0.672	
3	Surface	↓	8.1	81.0	124	31	338	1.16	0.708
			8.0	81.0	124	340	0.62	0.685	
4	Surface	—							
5	Surface	—							

Sta 1 = deep hole
 Sta 2 = mid-lake
 Sta 3 = edge of marsh
 Sta 4 = storm water inflow
 Sta 5 = Hume Pond