



CRYSTAL LAKE ASSOCIATION FIELD DATA SHEET

Water Quality Test Results For
September 2018

Deliver samples to:

George Knocklein, Northeast Aquatic Research
74 Higgins Rd., Mansfield Center, CT

Send lab results and bills to:

Dave Arzt, President
Crystal Lake Association
316-A Sandy Beach Road Ellington, CT 06029

DEPTH (METERS)	TEMPERATURE (° C)	DISSOLVED OXYGEN (MG/L)
1	17.5 (63.5 °F)	8.52
2	17.5 (63.5 °F)	8.55
3	17.5 (63.5 °F)	8.53
4	17.5 (63.5 °F)	8.53
5	17.4 (63.3 °F)	8.52
6	17.4 (63.3 °F)	8.52
7	17.4 (63.3 °F)	8.50
8	15.6 (60.0 °F)	5.20
9	12.0 (53.6 °F)	3.06
10	10.5 (50.9 °F)	1.59
11	9.2 (48.6 °F)	0.25
12	8.2 (46.76 °F)	0.17
13	7.7 (45.7 °F)	0.14
14	7.6 (45.6 °F)	0.13

DATE: 10/14/18 **TIME:** 12:30 PM **Temperature:** 52 Deg F **Bottom Depth:** 14M+ **SECCHI:** 6.0 M
With scope

Samples: At surface, 1M, 7M & 10M: Phosphorus taken monthly April – October, November ‘18
Aborn Brook at Rt 140: Phosphorus & Nitrogen taken *monthly, when there is inlet flow*
Inlet on West S. Rd north of ramp: Phosphorus & Nitrogen taken 2x per year when running
Inlet on Rt 30 south of dam: Phosphorus & Nitrogen taken 2x per year when running

Comments: HACH Model HQ40d and the LD101 probe.

Inlet Flow: *Aborn Steady flow*

Site: Triangulation of D Shea house (North) & Steele house (East) & White Rd (South)

Collection team: Laptik, Breton, Bialozynski

Delivery team: Laptik