



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	23.5 (74.3° F)	8.27
2	23.4 (74.1° F)	8.30
3	23.4 (74.1° F)	8.38
4	23.0 (73.4° F)	8.16
5	22.5 (72.5° F)	7.50
6	22.1 (71.8° F)	7.24
7	20.0 (68.0° F)	7.00
8	14.8 (58.6° F)	6.59
9	12.8 (55.0° F)	5.76
10	10.7 (10.7° F)	3.90
11	9.4 (51.3° F)	2.10
12	8.5 (47.3° F)	0.40
13	8.0 (46.4° F)	0.20
14	7.8 (46.04° F)	0.15

DATE: 9/19/2018 **TIME:** 2 PM **Temperature:** 70 F **Bottom Depth:** 14M + **SECCHI:** 4.5M
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: Steady

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

Collection team: Laptik, Dwyer, Breton

Delivery team: Laptik