

April 2017

Lake News

A newsletter for concerned residents of Pickerel Lake

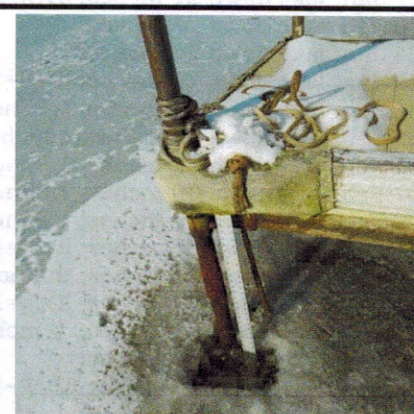
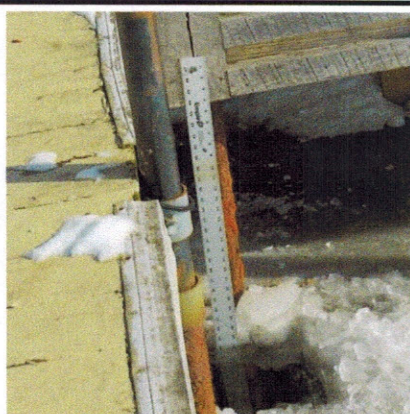
2016-2017 WINTER DRAW DOWN

The 2016-2017 winter draw down of Pickerel Lake began on 01 November. The lake was 6 inches below normal lake level when the 3-foot draw down began.

Twice a week I recorded lake level, as well as, ice coverage & thickness, dissolved oxygen concentrations [DO] and temperature throughout the draw down (**on back**).

On 25 November the lake level reached the target depth of 36 inches.

The lowest recorded depth was 39 inches (29 Nov.) The first ice cover of the lake occurred 10 December that lasted two and a half weeks (27 Dec.), reaching 2.5 inches of unsafe ice. Ice appeared again on 06th of January, lasting only 6 days and reaching a safe thickness of 3.5 inches (**below**).



Ice thickness (3.5") lake level (25")

(images taken 10 January 2017)

The bill for the drawdown has not been sent as of now:

As previously agreed on: **\$60.00** is suggested from each lake frontage property

So please send your checks, payable to **William Dopirak**

93 Lakeview dr. / Colchester, CT 06415

I will send a copy when I receive it. Last bill for 2013-2014 draw down was **\$1884.85**

A road fund for the North end of Lakeview drive was established Fall 2014. Sixteen residents (North of Pickerel Dr.) contributed to this fund, as of **14 April 2017: \$2,326.22** is in this fund. At least **\$100/property** is recommended from all property owners North of Pickerel Road to add to the "road fund" this year. Thank you for your contributions.

For further questions or comments, please contact Bill Dopirak (860)334-1271 or wdopirak@trcc.commnet.edu

Pickereel lake drawdown data 2016-2017

01 Oct. lake down 7 inches
 04 Oct. lake down 6 inches
 15 Oct. lake down
 01 Nov. lake down 6 inches
 04 Nov. lake down 10 inches; [DO] = 10.2 mg/L @ 13.4 °C (11:00 EDT)
 08 Nov. lake down 21 inches
 11 Nov. lake down 26 inches; [DO] = 9.8 mg/L @ 11.2 °C (12:00 EST)
 15 Nov. lake down 31 inches; 1.4" rain
 18 Nov. lake down 32 inches; [DO] = 9.5 mg/L @ 7.8 °C (10:00 EST)
 22 Nov. lake down 34 inches; <1 inch of rain & snow
 25 Nov. lake down 37 inches; [DO] = 10.5 mg/L @ 6.9 °C (10:00 EST)
 29 Nov. lake down 39 inches; over 2.5" rain
 02 Dec. lake down 34 inches; [DO] = 11.3 mg/L @ 9.3 °C (14:00 EST)
 06 Dec. lake down 35 inches
 09 Dec. lake down 34 inches; ~20% transparent ice
 10 Dec. lake down 34 inches; 100% (0.5")transparent ice
 13 Dec. lake down 32 inches; 1" semi-transparent ice
 16 Dec. lake down 31 inches; 1.5" semi-transparent ice; [DO] = 12.1 mg/L @ 4.7 °C (14:00 EST)
 18 Dec. ~4" of snow ~1.5 of rain
 20 Dec. lake down 29 inches; 2.5" cloudy ice
 23 Dec. lake down 28 inches; 3.5" cloudy ice
 27 Dec. lake down 27 inches; 2" cloudy ice
 30 Dec. lake down 25 inches (no ice)
 03 Jan. lake down 24 inches (no ice); [DO]=12.3 mg/L @ 4.9 °C (15:30 EST)
 06 Jan. lake down 26 inches; 0.25 inch of cloudy ice
 10 Jan. lake down 25 inches; 3.5 inch of cloudy ice
 17 Jan. lake down 21 inches; [DO]=11.6 mg/L @ 4.9 °C (11:00 EST)
 20 Jan. lake down 24 inches
 24 Jan. lake down 25 inches
 27 Jan. lake down 28 inches; [DO]=12.7 mg/L @ 6.2 °C (16:00 EST)
 31 Jan. lake down 31 inches; 0.5 inch ice cover
 03 Feb. lake down 34 inches; 1 inch ice cover
 05 Feb. lake down 37 inches; 1.5 inches opaque ice
 07 Feb. lake down 39 inches; 1.5 inches opaque ice
 09 Feb. lake down 38 inches; 1.5 inches opaque ice
 11 Feb. lake down 36 inches; [DO]=11.3 mg/L @ 4.2 °C (14:00 EST); no ice
 14 Feb. lake down 37 inches; thin ice (100%)
 17 Feb. lake down 37 inches; [DO]=19.7 mg/L @ 1.3 °C (10:30 EST); 2.5 inches cloudy ice
 21 Feb. lake down 35 inches; 0 inches of ice
 24 Feb. lake down 34 inches;
 28 Feb. lake down 32 inches; [DO]=10.3 mg/L @ 5.8 °C (10:00 EST)
 03 March lake down 31 inches
 07 March lake down 30 inches
 10 March lake down 28 inches; [DO]=11.2 mg/L @ 4.7 °C (1:00 EST)
 13 March lake down 26 inches ice covered
 18 March lake down 23 inches 2 inches cloudy ice
 21 March lake down 20 inches; no ice
 24 March lake down 18 inches
 28 March lake down 14 inches; [DO]=10.3 mg/L @ 6.4 °C (9:00 EDT)
 31 March lake down 9 inches

PICKEREL LAKE DRAW DOWN 2016-2017

