

AMSTON LAKE HEALTH COMMITTEE

Regular Meeting

MINUTES

March 5, 2019 6:00 P.M.

ALA Clubhouse, 16 Wood Acres Road, Amston, CT 06231

A. Call to Order:

- a. The meeting was called to order at 7:02 P.M.
- b. Roll Call of Members:

In Attendance: Frank Hoisl, Joyce Clark, Jeff Arpin, Kathy Garvie,
Dave Bareiss, Kathleen Feldman, Les Parlin

Guest speakers Lebanon Assistant fire chief Alan Olenick, Captain
Jason Schall

Absent: Laurel Hennebury, Maureen Dagon, Al Fichtel, Steven
Reagan,

B. Discussion Topics

- 1) Dry Hydrants
 - a) Alan Olenick and Jason Schall provided a handout of proposed dry hydrants and reviewed their design and installation. See attachment at the end of these meeting minutes
 - b) A discussion of the existing failed dry hydrants at Amston lake
 - i) Lollypop, most likely not serviceable and would need to be replaced
 - ii) Main beach
 - c) Discussed use of a floating suction line that could also be used to obtain water but will need lake access
 - d) Discussed the ALHC to review possible locations using the attachments as a guide for minimum requirements.
 - i) Need to consider lake water level being lowered in dry hydrant location determination
 - ii) Need to consider Pump truck parking during water collection
 - e) Lebanon currently has matching grants to support up to \$2000 in costs to install
 - f) Lebanon is still investigating a fire dispatch at the Lake Williams camp ground garage. A report has been conducted for the town of Lebanon supporting a need for fire dispatch near the lake Williams location.
- 2) SOW with Aquatic Ecosystems Research (AER),
 - a) SOW details
 - i) Final comments were closed and Frank will send to AER. It is expected we will implement the most recent SOW once reviewed by AER
 - ii) All agreed that Phoenix labs would be the testing lab this year

- (1) During the meeting it was determined that we missed some sample testing required by AER, Kathy took the action to obtain
 - (a) Sodium, Potassium, Calcium, Magnesium
 - (2) Additional discussion of testing that we can do occurred after the meeting and is currently being evaluated to be included in the budget
- 3) Budget Planning 2019-20
 - a) Frank reviewed the information provided by Jeff in the spreadsheets and we agreed to modify some of the items
 - b) Barley straw, Limnologist, Watershed maintenance, Plunge pool rework and new were all modified. Once we obtain the new water sample testing costs and new testing equipment then Jeff will update his spreadsheet and provide to the ALHC
 - c) We agreed that the ALHC needs to think about the presentation to the community about the increased costs
 - i) NEAR report documents increased nutrient loading that needs to be better understood
 - ii) Purchasing some new equipment will decrease sample testing costs because done by volunteers
 - iii) Lake health is directly proportional to property value
 - iv) Partial use of lake health emergency fund to reduce the possibility of having such an event
 - (1) Used for additional testing
 - (2) Used for Plunge pool (Detention Basin) rework, or new
 - (3) Used for additional testing equipment
- 4) Pulling weeds
 - a) Discussed ways to remove plants by lollypop for a 20-foot boat access
 - i) Plant removal by pulling at the root and removing from the lake is an approach that has work well at lake side residences
 - ii) Plant cutting, which is similar to cutting your lawn, will come back and sometimes stronger
 - iii) Covering with a mat, which is another solution used in the past with good results
 - iv) All agreed not to use herbicides
- 5) CT Volunteer water monitoring conference
 - a) Jeff notified that he attempted to sign up but it was closed because there was full attendance
 - b) Jeff notified DEEP and was put on a backup list. DEEP noted that there were preassigned spots that may come available
 - c) Jeff reviewed the sessions he planned on attending and sent out a detailed list of sessions and descriptions of before hand
 - d) Jeff noted if he attends, he will report on the sessions he attends
- 6) Sub committees
 - a) Possible sub committees for Detention basins, Community Education and Fish were suggested
- 7) NEAR 2018 lake health report
 - a) The ALHC provided comments and Frank will send these to NEAR for implementation

- b) Jeff noted he was willing to discuss the comments by phone or in person at NEAR
- 8) Parking lot Items not discussed that Frank requested the ALHC prioritize
 - a) Location for plunge pools (detention basins)
 - b) Northeast cove maintenance
 - c) Web site configuration
 - d) Rows and beaches
 - e) Lake manager
 - f) CT federation of lakes (Grants)
 - g) Year in Summary
 - h) CCSU/UCONN student help
 - i) Spring water collection plan (Jeff to assign)
 - j) Detention basin investigation, continuation of lake walk-around
 - k) DEEP funding water quality improvement
 - l) Lake Management Plan, ready for comment closeout
 - m) Historical File to website, Jeff identified in a spreadsheet to Frank, needs review and approval. Once approved work with Allison to get on lake health web site
 - n) Action items, Jeff will continue to update
 - i) New Actions
 - (1) Jeff to update deep water sample test sheet to define required testing. The sheet will have summer testing requirements and Spring/Fall testing requirements because we will test only the needed parameters
 - (2) Frank to send ALHC comments to NEAR for implementation
 - (3) Kathy Feldman to obtain costs for additional water sample parameter testing
 - (4) Jeff to send updated budget spreadsheet once the additional sample testing is obtained by Kathy Feldman
 - (5) Jeff to review NEAR report and draft suggested inlet test sites for 2019 for ALHC review
 - (6) ALHC to prioritize Parking lot items

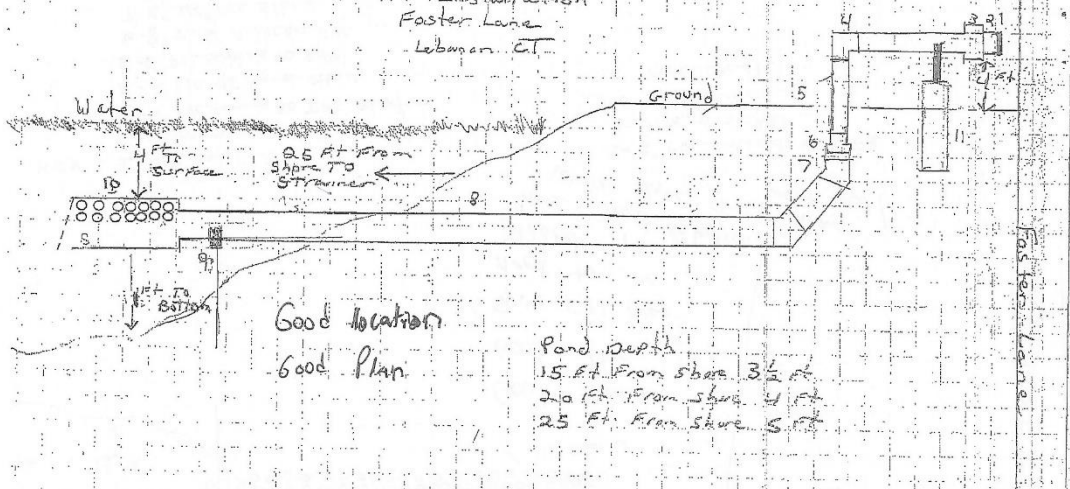
C. Adjournment:

- a. Next meeting date to be scheduled
- b. The meeting adjourned at 10:15 P.M.

Respectfully submitted by: Jeff Arpin

Attachments follow

Proposed Dry Hydrant
Installation
Foster Lane
Lebanon, CT



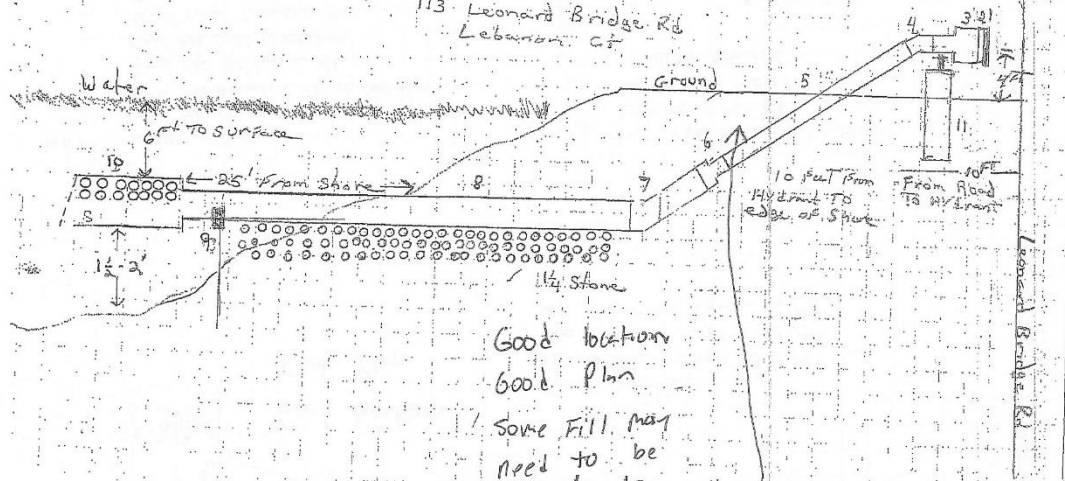
Pond Depth
15 Ft. From shore 3 1/2 Ft.
20 Ft. From shore 4 Ft.
25 Ft. From shore 5 Ft.

- KEY:
- 1. NST. male Cap.
 - 2. 6" IPS female to 1/2" male Adapter
 - 3. 6" PVC Female to 1/2" IPS Adapter
 - 4. 6" PVC 90 degree Elbow
 - 5. 6" PVC Schedule 40 Pipe
 - 6. 8" to 6" Reducer PVC
 - 7. 8" 45° PVC Elbow

- 8. 8" PVC schedule 40 Pipe
- 9. Pipe Bracket
- 10. 8" strainer
- 11. Pipe cradle

Not To Scale

Proposed: Dry Hydrant
Installation
113 Leonard Bridge Rd
Lebanon Ct



Good location
Good Plan
Some fill may
need to be
Added to
have Frost Protection
above
water level

- KEY
- 1 - NST male cap
 - 2 - 6" IPS female to NST male Adapter
 - 3 - 6" PVC female to IPS Adapter
 - 4 - 6" PVC 45 degree Elbow
 - 5 - 6" PVC schedule 40 pipe
 - 6 - 8" to 6" Reducer PVC
 - 7 - 8" 45° PVC Elbow
 - 8 - 8" PVC schedule 40 pipe
 - 9 - pipe bracket
 - 10 - 8" Strainer
 - 11 - PVE core die