

AMSTON LAKE HEALTH COMMITTEE
Regular meeting February 02, 2021, 7:00 PM

Minutes

Zoom meeting

Call to Order: 7:04 PM

1. Roll Call of members:

Attending: Jeff Arpin, Joyce Clark, Kathy Feldman, Al Fichtel, Frank Hoisl, Les Parlin

Absent: Kathy Garvie

Attending Guest: none

2. Approve Previous Months Meeting Minutes

1st Joyce Clark, 2nd Les Parlin, Minutes unanimously approved

3. Committee interface

• **Beaches and ROWs**

- B&R meeting update
 - Smoking debris on Beaches
 - Kathy Feldman provided information about cigarette filter effects on water
 - Les noted B&R meeting minutes covered a discussion
 - A discussion on smoking on ALD property and debris occurred
 - General agreement on possibly having the residences vote on this item
 - Al and others noted that if smoking was not allowed enforcement will be an issue.
 - Frank pointed to the Bylaw's, Article 6 section 3 and also noted possible signs could be used
 - Les mentioned we should educate the public about the negative effects of cigarette butts left behind
 - All agreed the B&R would lead this effort with lake health support as needed.
 - Erosion control, Lebanon Roads is an important item we need to keep high on our activities
 - Town meeting being scheduled with the support of lake health and Lebanon roads committees

• **Dam**

- Inspections
 - Evacuation plan
 - Frank will report on evacuation plan update next month
- Lake level
 - Excessive rain still fighting against trying to lower lake level, It was agreed to keep the weir boards at the lake lowering level until the March time frame to limit damage to properties around the lake.
 - Frank noted there are no ordinances for lake level control.
 - Al provided documents listed in the action item 155 "INVESTIGATING THE EFFECTS OF WINTER DRAWDOWNS ON THE ECOLOGICAL CHARACTER OF LITTORAL ZONES IN MASSACHUSETTS LAKES", Jeff summarized the 350-page document in a 14-page table and sent to the committee.

- Al provided a link to DEEP, Caring for Our Lakes, Watershed and In-Lake Management for Connecticut Lakes, 1996. See action item 155 for link.

4. Water Testing Program

- **Deepwater Testing**
 - Jeff will perform this testing from April to October and would like an assistant.
- **Storm Water Testing**
 - 1 to 2 Volunteers needed for the 2021 collection period, April to October. Frank requested Liz Bowman to ask for volunteers via an e mail blast at BOD meeting.
- **Main and Lollipop Beach Testing**
 - Joyce received input from James G. Karrenberg, R.S. Chatham Health District noting they will not be able to test the Lollipop beach area. Joyce now has received all inputs and will summarize in an email to the committee.
- **Limnologist Updates**
 - Jeff has been in communication with AER responding to comments they have while developing the yearly report. As a result, we will be adding testing of pH, Conductivity, TDS (Total Dissolved Solids), and Salinity to at least one Deep water sample to independently validate the testing the lake Health Committee performs.

5. Aquatic Plant Management Plan

- **Plant Survey**
 - Frank sent in the committee agreed to comments for implementation by AER.
- **Algae**
 - No discussion
- **Boat Inspection reports**
 - No discussion

6. Lebanon Sanitary Sewers

- **Connection Tracking Spreadsheet**
 - No Quorum. However, Joyce noted a discussion and confirmation of 8 properties to be connected by the town thru April 2021 (weather contingent)

7. Storm Water Control Program

- **Manion Road Catch basin design modification**
 - Meeting update with Lebanon town officials, Jeff Arpin
 - Jeff sent an email to JEP on 1/29/2021 summarizing all the discussions to prepare for a town meeting.
 - Jeff to schedule town meeting so we can finalize design and get quotes.
- **Detention Basin Design progress**
 - Frank obtained the resident near lollipop beach email and will send a note about our future plans.
- **2020 Lebanon POCD Draft** (Plan of Conservation & Development)
 - Town confirmed receipt of the POCD comments sent in by the BOD and the "Amston Lake Stormwater / Drains 2019" document sent in by Les to consider in the development of plans.
 - Some Members of the ALHC attended the January 11th town meeting to follow up on comment implementation. The town was appreciative of the ALHC support.

8. Watershed Management Plan

- **General Guidance for Property Owners**
 - Property owner ordinance violations
 - See Benthic mat discussion in the BOD January meeting.
 - ALH Website updates
 - Frank will contact Liz Bowen on getting the web site updated with the lake health information. Jeff Arpin noted willingness to help.
 - E-mail Blasts
 - None

- Amston Laker Input
 - Not needed at this time
- **Historical Documentation**
 - Lake health summary history current spreadsheet
 - Jeff sent out the latest update that includes all 2020 information to the committee on 1/6/2021.
 - Amston lake historical lake management files spreadsheet
 - Jeff keeping updated, any member wanting an updated copy to send Jeff a request.

9. Fish Reports

No Update

10. Action Item Review

11. Additional Business

- Benthic mat
 - ALHC to develop a procedure for Benthic mat use
 - ALHC to educate them selves prior to the next meeting for a detailed discussion
 - Frank to send out his notes on the subject
 - AI noted he provided input and this needs to be evaluated as well
- 2021 Budget
 - Frank noted we may continue to use the 2019 budget due to COVID-19
 - Frank noted the treasury report was available on the website, Jeff after the meeting sent an ALH summary spend spreadsheet so a monthly spend could easily be reviewed
 - Jeff discussed the need for Phoenix to perform confirmatory testing at least for one Deepwater sample. See Limnologist updates above.

Adjournment: 9:32 PM

1st Joyce Clark, 2nd AI Fichtel

Submitted by Jeff Arpin

Please refer to subsequent meeting minutes for approval of these minutes and any corrections hereto.

Action item list follows, Updates in RED

Action Item No	Action Owner	Action Description	Date Assigned	Action Closure	date completed	reviewed with Committee	Print for minutes
31	Jeff Arpin	Implement Action item 22 comments to Amston Lake Guide for lake management procedures and planning	5/12/2018	2/2/2021 - Jeff to schedule meeting in February 5/29/2020 - Changed Action owner from ALHC to Jeff 5/7/2020 - Agree to meet after Lake history efforts are completed 12/31/19 All responded to resolutions. Jeff sent info and resolutions 1/28/2021 - Joyce attended but no quorum, LWPCA confirmed The Chairman indicated 16 on the list 2 connected, 2 permits pulled, 2 uninhabital, 2 in Bankruptcy Therefore 8 town action to connect this year.	Hold until COVID 19 Passes	Yes	Yes
67	Jeff Arpin, Joyce Clark	Continue to meet with Lebanon WPCA to get homes connected	6/5/2019	12/08/2020, 11/10/2020 - Frank to see if Kathy has made any progress on the guide 7/7/2020 - Kathy Garvie noted she would draft an Amston Lake		Yes	Yes
78	Kathy Garvie	Review Candlewood lake home owners guide to see if we want to issue similar information about Amston Lake	8/30/2019	1/7/2021 - Frank emailed guidance from Attorney, Cohen, Adam J, on catch basin town interface 1/2/2021 - Frank, Brandon and Jeff met to discuss manion and other erosion control areas.		Yes	Yes
93	Jeff Arpin Frank Hoisl	set up a meeting with the town of Lebanon to discuss the phased approach of the Manion Catch basin	12/11/2019	10/6/20 - lollipop Detention basin not on district property, Frank to discuss with property owner 7/21/20 - Lebanon had no input to the designs because not on town		Yes	Yes
113	Frank Hoisl	prepare future steps for Lollipop and Elsmere ROW designs and send to JEP engineering	3/3/2020	12/13/2020 - Jeff sent Liz note ready to move forward, learning Wordpress 12/08/2020 - Jeff to start to work with webmaster 11/26/2020 - Reminder to committee to review prior to December meeting	On Hold	Yes	Yes
124	Frank Hoisl	Action to coordinate between Jeff and Web master on how to get historical documentation available to ALHC, BOD, General public as applicable (Old action 6)	5/7/2020	10/15/2020 - team went to collect GPS coordinates, some points failed and will need to be taken again, very windy day. 10/7//20 - Dates set for 10/14 to get locations		Yes	Yes
138	Kathy Feldman, Joyce Clark, Jeff Arpin	Need to get GIS coordinates of the E. Coli locations so they can be added to the AER final report so they are captured for any future efforts if needed	8/18/2020	1/6/2021 - Sheet updated and sent to committee 12/29/2020 - Jeff updated history spreadsheet, may need update after AER issues year end report		Yes	Yes
140	ALHC	Committee review of Lake history document	9/17/2020	11/10/20 - Frank saw many different vest types. Will look into a large size to fit over jackets.		Yes	Yes
141	Frank Hoisl Jeff Arpin	Safety Vests for ALHC volunteers	10/6/2020	2/2/2021 - Joyce received all input as of 2/2/2021 and will summerize to the committee 1/28/2021 - Joyce trying to get responses from testing organizations 12/08/2020 - Joyce provided a short summary at the meeting and will followup with an email to the committee		Yes	Yes
147	Joyce Clark	Hebron has Chatham Health perform this test each Tuesday during the summer months. We need to obtain the results for our tracking purposes	11/10/2020	2/2/2021 - Joyce received all input as of 2/2/2021 and will summerize to the committee 1/28/2021 - Joyce trying to get responses from testing organizations 12/08/2020 - Joyce provided a short summary at the meeting and will followup with an email to the committee		Yes	Yes
148	Joyce Clark	Joyce will talk with the town of Lebanon and Uncas to obtain more information for Lollipop beach testing in the summer months	11/10/2020	2/2/2021 - Joyce received all input as of 2/2/2021 and will summerize to the committee 1/28/2021 - Joyce trying to get responses from testing organizations 12/08/2020 - Joyce provided a short summary at the meeting and will followup with an email to the committee		Yes	Yes

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151	Frank Hoisl	Lollipop owner to be contacted to see if we can implement our detention basin design on their property. Will need to talk to our Attorney and get an easement documenting such agreement	11/10/2020	2/2/2021 - Frank has resident email and will send information about the lollipop survey.		Yes	Yes
152	Frank Hoisl	Frank will summarize POCD comments for the committees review before submitting to the town.	11/10/2020	1/11/2021 - ALHC member attended the final POCD meeting and verified all our information was received and will be reviewed and considered in the final document. 1/8/2021 - Les sent PDF copies of the "Amston Lake Stormwater/Drains 2019" and comments to Phil Chester and received a note back saying documents were forwarded to the First Selectman and PZC members 12/11/2020 - Hearing would remain open until January 11, 2021, during which time the Commission can receive written comments from the public 12/2/2020 - Comments summerized from committee membersand the community. Send via email to Lebanon, Phil Chester as required by the town.	1/11/2021	Yes	Yes
155	Al Fictel	Provide links and or documents important to understanding lake level affects on thee ecosystem	1/5/2021	1/16, 1/17/2021 - Al provided the following links. https://scholarworks.umass.edu/cgi/viewcontent.cgi?article=2896&context=dissertations_2 https://portal.ct.gov/-/media/DEEP/water/lakes/CaringforOurLakespdf.pdf	1/17/2021	Yes	Yes
156	Jeff Arpin	Research documentation on lake plant control measures over the years to attempt to capture in one place for discussion.	1/5/2021	1/6/2021 - Jeff sent a table itemizing all the dredging and weed control measures he found in the historical records	1/6/2021	Yes	Yes
157	Jeff Arpin	research erosion control tube that we could use to help areas that are experiencing problems	1/5/2021	1/29/2021 - Erosion control Tube Fill tubes with compost to provide an effective solution to erosion control, while facilitating new vegetation growth for a permanent run-off protection solution. ... • Water easily passes through, while leaving silt and sediment behind. https://www.farmtek.com/farm/supplies/prod1;ft_ground_cover_iners;pg106443.html	1/29/2021	Yes	Yes