

# AMSTON LAKE HEALTH COMMITTEE

Regular meeting December 08, 2020, 7:00 PM

## Minutes

Zoom meeting

**Call to Order:** 7:08 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 November Meeting Minutes**

1<sup>st</sup> Joyce Clark, 2<sup>nd</sup> Les Parlin, Minutes unanimously approved

### 3. **Committee interface**

#### • **Beaches and ROWs**

##### ○ B&R meeting update

- No meeting planned in December
- Lollipop silt fence installed
- Lake Health member Kathy Feldman is a member, Jeff will attend when asked or as needed

#### • **Roads**

##### ○ Erosion control, Lebanon Roads committee (lead) ALHC (support) in stormwater control

- No members just the chair
- Frank will see if the chair can support the Lebanon town meeting and future stormwater activities that interface with Lebanon dirt roads.
- There is some erosion near L32 that Joyce will talk with the town of Lebanon to get repaired, See pictures at end of minutes. The water is running off the road and not collecting in the catch basin as designed, may need to install curbing to correct. (Action 154)

#### • **Dam**

##### ○ Inspections

- Frank is reviewing the 61page report and will send to the committee. Jeff noted he does not have this document in the historical files. Frank thinks he has an electronic copy. (Action 146) Frank noted this document needs to be revised to change contact names at the very least.

##### ○ lake level

- Cloud storage paid for over 2 years, \$0.25/month
- Lake level grating removed to minimize leaves clogging the water flow
- Excessive rain fighting against trying to lower lake level, Lake was 1 inch below the normal dam overflow recently.

### 4. **Water Testing Program**

#### • **Deepwater Testing**

- No more testing being performed until April 2021, Jeff can send data spreadsheet to anyone interested.

#### • **Storm Water Testing**

- No more testing being performed until April 2021, Jeff can send data spreadsheet to anyone interested.

- **Main and Lollipop Beach Testing**
  - Joyce contacted both Chatham Health District (Hebron) and Uncas Health District (Lebanon) to obtain information on testing at the beaches. She noted Hebron testing of the main beach is performed weekly however the results May-Sept are not all available on their web site. She has a few more questions to present to the organizations before she summarizes for the committee.
- **Limnologist Updates**
  - The Phytoplankton report for August and September was issued and sent to the committee for review
  - The Phytoplankton report for October will be included in the annual report that we typically receive in early 2021.

## 5. Aquatic Plant Management Plan

- **Plant Survey**
  - Report issued to the committee and Frank sent a link of the Amston Herbarium after the meeting.
  - The report is very detailed and there is discussion of how healthy the lake is. The following is some excerpts from the executive summary in the report
    - These data suggest that Amston Lake's plant community was productive, rich, and of moderate diversity.
    - AER's opinion of the plant community is that it is healthy and not in need of any major management activity.
    - Residential access to the lake was not limited by the plant community.
    - AER's opinion of the plant community is that there is no need for large-scale management.
    - The plant community should be inspected yearly to determine the presence or absence of non-native species
  - The Lake health committee recognized that this information needs to be shared with the community and that the residents do not own the lake and any modifications to the lake or its shoreline needs the approval of Board of Directors and appropriate committee as required. After committee review and approval this report will be added to the lake health website.
- **Algae**
  - New approaches to monitor Harmful Algal blooms by drone monitoring have been researched by some members. This is a very new approach and is currently a leading-edge monitoring analysis still being researched by Universities and researchers.
    - 10661\_2019\_7365\_Author Drone based HAB
    - Sess5b\_01\_RLi\_Drone Based
- **Boat Inspection reports**
  - There seems that boat inspection results never find any plants during ingoing inspections but we are not documenting the results by reviewing the reports each year. Some members still think it is important to document ingoing inspection results but it is not shared within the committee.

## 6. Lebanon Sanitary Sewers

- **Connection Tracking Spreadsheet**
  - No new permits or connections this month
  - It is important to attend the December WPCA meeting because all permits were to be pulled by December 2020 and work completed by April 2021. The ALHC needs to continue to make sure all properties in the district are connected to the waste water treatment facility. Joyce will work to attend this meeting.

## 7. Storm Water Control Program

- **Manion Road Catch basin design modification**
  - Meeting update with Lebanon town officials, Jeff Arpin
    - Frank to request The Lebanon Roads Chair to support the town meetings
    - Once confirmed Jeff will schedule meeting between The Town of Lebanon and their officials, JEP engineering, ALHC and the Lebanon Roads committee chair.
- **Detention Basin Design progress**
  - Frank working to talk with the resident about our future plans. Frank to address future design plans with the resident next to Lollipop Beach. The current plunge pool is not on district property (per a recent survey)
- **2020 Lebanon POCD Draft** (Plan of Conservation & Development)
  - BOD issuance of document comments to Town of Lebanon
    - Lebanon's Planning and Zoning Commission has prepared the draft 2020 Plan of Conservation and Development and will hold a public hearing on December 14, 2020 at 7:00 p.m. by Zoom to receive public input. Copies of the draft are in the Library and Town Clerk's Office. With questions, please contact Town Planner Philip Chester at 642-2006.
    - Frank combined all the comments received from the lake health committee and residence and sent them into the town of Lebanon for review.
    - Frank noted that some residents may have submitted comments separately.

## 8. Watershed Management Plan

- **General Guidance for Property Owners**
  - Property owner ordinance violations
    - None
  - ALH Website updates
    - Jeff submitted layout and documents to the committee, all comments received agree so Jeff sent the webmaster a note to start. Jeff will see where he can assist.
  - E-mail Blasts
    - None
  - Amston Laker Input
    - Not needed at this time
- **Historical Documentation**
  - Lake health summary history current spreadsheet
    - Jeff keeping updated, any member wanting an updated copy to send Jeff a request.
  - Amston lake historical lake management files spreadsheet
    - Jeff keeping updated, any member wanting an updated copy to send Jeff a request.
  - ALHC Website update
    - Jeff submitted layout and documents to the committee, all comments received agree so Jeff sent the webmaster a note to start. Jeff will see where he can assist

## 9. Fish Reports

- No Update

## 10. Action Item Review

## 11. Additional Business

- Frank noted we need to start thinking about the annual budget for next year, he will send last years input to the committee
- Frank noted we also need to think about the annual meeting with the district. Jeff noted he had sent the committee a detailed list of our accomplishments this year and the cost savings the

committee has obtained from their volunteering efforts. All of the sample gathering and some of the testing is performed by volunteers from within and outside the committee.

**Adjournment:** 9:16 PM

1<sup>st</sup> Jeff Arpin, 2<sup>nd</sup> Al Fichtel

Submitted by Jeff Arpin

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



Pictures of erosion near L32, Address Deepwood 12, 15 Lebanon

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
67	Jeff Arpin, Joyce Clark	Continue to meet with Lebanon WPCA to get homes connected	6/5/2019	12/08/2020 - Joyce to plan on attending LWPCA meeting to make sure the permit completion date of December is enforced 10/22/2020 - 8 properties to be connected per Lebanon WPCA 9/24/2020 - 129 Ryan Terrace has been connected and all work approved by the Building Inspector. 8/27/20 A LWPCA letter was sent to owners of unconnected properties explaining the extended connection deadlines. Jason		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	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
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	12/08/2020 - Frank to request the Lebanon roads chair to attend meeting then Jeff to set up meeting. 11/26/2020 - Jeff Created a summary email to be used in the discussions, Sent for agreement.		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	12/08/2020 - Jeff to start to work with webmaster 11/26/2020 - Reminder to committee to review prior to December meeting 11/17/2020 - Jeff Shared with the web master (Liz) and ALHC via google drive the proposed items to be added to the ALHC website		Yes	Yes
133	Kathy Feldman Jeff Arpin	Investigate other labs that can perform Chlorophyll testing	7/7/2020	12/08/2020 Kathy reported that the labs are quite far away and delivering samples may be difficult. Jeff will see if AER can support because we already send them samples. 10/17/2020 - Jeff and Kathy emailed about testing requirements, Kathy interfacing with some labs		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	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
140	ALHC	Committee review of Lake history document	9/17/2020	11/26/2020 - Testing completed for 2020, Jeff to summarize results in spreadsheet and reissue 11/6/2020, 11/2/2020 -Jeff issued updated spreadsheet with comments implemented 10/30/2020 - Joyce provided feedback, AER Plant report and Two Cove ROW property owner issues 10/12/20 - Les provided feedback and it was implemented in the spreadsheet 9/17/20 - Spreadsheet issued 9/17 for review and comment		Yes	Yes
141	Frank Hoisl Jeff Arpin	Safety Vests for ALHC volunteers	10/6/2020	11/10/20 - Frank saw many different vest types. Will look into a large size to fit over jackets.		Yes	Yes
142	Frank Hoisl	Rock removal from shallow waters that pose a boating or swimming safety risk	10/6/2020	12/08/2020 - Concerned residents should contact the BOD with their specific needs. 10/11/20 - Frank will discuss with BOD	12/8/2020	Yes	Yes
143	Frank Hoisl	Requirements for lake front owners controlling shoreline and lake front waters weed control	10/6/2020	12/08/2020 - Concerned residents should contact the BOD with their specific needs.	12/8/2020	Yes	Yes

Action Item No	Action Owner	Action Description	Date Assigned	Action Closure	date completed	reviewed with Committee	Print for minutes	sort
145	Frank Hoisl	Frank will send B&R a note to develop an action plan for future B&R modifications using BMP's (Best Management Practices) as all committees should do	11/10/2020	12/08/2020 - Frank noted at BOD meeting that a plan needs to be developed by all committees for work they plan on doing.	12/8/2020	Yes	Yes	2
146	Frank Hoisl	Frank will review the Dam evacuation plan and report next meeting	11/10/2020	12/08/2020 - Frank is reviewing the 61 page evacuation plan and notes it needs revision. Frank will send to the committee.		Yes	Yes	2
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	12/08/2020 - joyce provided a short summary at the meeting and will followup with an email to the committee		Yes	Yes	2
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	12/08/2020 - joyce provided a short summary at the meeting and will followup with an email to the committee		Yes	Yes	2
149	Frank Hoisl	Frank will send the vegetation matting information to the committee for future discussion.	11/10/2020	12/08/2020 - Continued discussions with the limnologist, the ALHC and BOD, ALHC input completed 12/3/2020 Jeff added complete document to the historical records file 11/29/2020 Frank provided information obtained from 190 deepwood drive resident. Jeff, Al Les and Kathy Feldman provided input	12/8/2020	Yes	Yes	2
150	Al Fichtel	Al to get boat reports so we can determine what actions the inspectors are doing to keep our lake free from invasives.	11/10/2020	12/08/2020 - Members split on the importance of this item. 11/18/202 - Jeff brought up at the BOD meeting, it was agreed to have an ALHC member review the slips the inspectors submit		Yes	Yes	2
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			Yes	Yes	2
152	Frank Hoisl	Frank will summarize POCD comments for the committees review before submitting to the town.	11/10/2020	Comments summerized from committee membersand the community. Send via email to Lebanon, Phil Chester as required by the town.	12/7/2020	Yes	Yes	2
153	TBD	From a definition of MS4 - Many rural developments have stormwater management structures, but only communities that the United States Census Bureau classifies as "Urbanized Areas," or UAs, based on population density, are required to become part of the MS4 program. UAs contain plenty of commercial and residential development which produces large amounts of stormwater runoff. Is Amston lake due to the dense structures fall into this definition	11/10/2020	This is included in the comments to action item 152 thus can be closed	12/8/2020	Yes	Yes	2

Action Item No	Action Owner	Action Description	Date Assigned	Action Closure	date completed	reviewed with Committe	Print for minutes
154	Joyce Clark	Erosion near L32, Need to see if the town of lebanon can inspect and provide recommendations to eliminate erosion	12/8/2020			Yes	Yes