

AMSTON LAKE HEALTH COMMITTEE
Regular meeting October 6, 2020, 7:00 PM

Minutes

Zoom meeting

Call to Order: 7:05 PM

Roll Call of members:

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

Absent: Kathy Garvie

Attending Guest: none

Approve August Meeting Minutes

1st Jeff Arpin, 2nd Joyce Clark, Minutes unanimously approved

September meeting cancelled

Beaches and ROWs

- Updates to ongoing or future efforts
 - At 9/16/2020 BOD meeting B&R requested to have ALHC attend B&R meetings to support questions, Jeff Arpin requested to attend and accepted
 - Jeff will report on the meetings he attends, next meeting 10/8/2020
 - It was noted Jeff Hatch did a great job on Elsmere ROW minimizing erosion with Rip Rap although there are some residence that have complaints.

Erosion Control

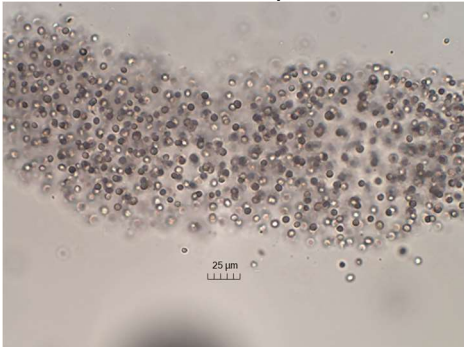
- **Manion Road Catch Basin design modification**
 - meeting update with Lebanon town Officials, Jeff Arpin
 - Jeff sent emails to the town of Lebanon to schedule another meeting. Jeff sent the town his meeting notes to be used in the discussions.
 - A continued discussion and agreement on the need for the Lebanon roads committee to get more members and become more involved in erosion control in place of lake health leading. Frank will discuss with the committee chair (Action)
- **Plunge Pool Design progress**
 - Civil Engineering completed A2 Survey progress for Lollipop, Frank Hoisl
 - The design was completed and noted the current detention basin not on the Districts property, Frank will discuss with the home owner (Action)
 - Frank has the survey map mylar and it has been recorded in the town of Lebanon.
 - Discussion of moving sand out of the lake to other areas noting that no permit is required if performed by hand using no machinery per franks discussion with the town on Lebanon.
 - 6 Deepwood Drive Lebanon plunge pool update
 - Detention basin cleaned 9/29/20 by local contractor

- Discussion of working on the detention basin in the front of Dave Bareiss property because he plans to start work soon. Jeff noted we needed to follow our plans and get one design implemented in place of continuing with more designs and not implementing any of them. We currently have 3 designs but no plans on actual implementation. More discussion on this topic possibly needed.
- **Lebanon land conservation interface (2020 Lebanon POCD)**
 - Obtain public comment copy, Les Parlin
 - Les reviewed the areas of the plan that he thought affected Amston Lake and was pleased with the information that was in the draft. Les noted it included a drainage management plan but was concerned who owned it. The plan also noted that they expect over 100 homes to be converted from seasonal to year around at the lakes in the town which is similar to past growth.
 - In reviewing the 2020 Lebanon POCD, Les found the following pages most relevant to ALHC:
 - page 13 (Housing at Lakes)
 - pages 33,34, and 35 (#10)
 - page 46 (Implementation Table #11)
 - who to coordinate Amston lake comments?
 - Les noted the committee needs to review and provide comments and the BOD will summarize and provide to the town of Lebanon. Final comments should be in by November so they can be sent to the town in time to be reviewed by the public meeting in December. Frank to send email blast requesting comments on the POCD (Action 114).
 - Frank mentioned Brandon is acquiring some pricing to pave Amston Lake district roads that are in Lebanon.
 - what are the specifications/specific plans?
 - Frank to draft an e mail blast looking for committee volunteers and explaining the Lebanon POCD vs what Hebron has implemented.
- **Barley Straw**
 - Inspection results H11, H16
 - H11 most straw not in the tubes, H16 all straw intact. Not sure why one area held up better than the other. Al noted H11 is very windy.
 - Barley Straw Removal H11 on 9/16/2020, H16 on 9/25/2020
- **Dam**
 - Maintenance of emergency gate valve completed, greased and closed then reopened.
 - Installation of lake level gage TBD
 - Wier Board status, Lake very low due to mother nature,
 - Frank reported the lake level was 8 inches below the overflow on 10/4
 - Discussion of weir board removal: it was agreed to wait because the lake is already very low and only needs another 4 +/- inches before lake freeze. Will look at the 3rd week of October but need to consider boats still in the lake and need enough water to get to the boat launch. Many rocks near the launch.
- **Housing Starts**
 - Lebanon Draft of 2020 Plan of Conservation and Development Released
 - Expects 100 house conversions over the next 10 years

2020 Water Test Program

- Safety and identification vest for ALHC performing Volunteer work
 - Frank agree to get prices of vests labeled with Amston lake Volunteer (Action 141)

- Algae discussion, lake wide update
 - See deep water tests below
- Barley Straw update and Impact
 - Not much impact could be measured because no inlet flow where the tubes were installed due to minimal rain this year.
 - H16 did have a reasonable large area of Algae (30 ft X 30 ft)
- AER Plant Survey 7/18/2020 preliminary discussion, AER Report is expected in November 2020
- Deepwater tests performed on 5/7, 5/20, 6/2, 6/17, 7/2, 7/13, 7/29, 8/9, 8/24, 9/6
 - AER reported 9/18 Algae and cyanobacteria cell concentrations are still generally low (3,200 and 2,200 cells/mL respectively). The dominant cyano genus was Microcystis which we need to keep our eye on (see below). But cell concentrations are still well below those that are problematic.



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- AI noted on 10/4 that for the last few days he has seen what MIGHT BE cyanobacteria in various areas around the lake. For the most part it seems to be gathered up on the shores, depending on which way the wind is blowing on that day. He was also seeing larger clumps of possibly the same thing actually laying on the lake bottom. To be clear, this is in no way a major bloom! I just get a little concerned when it becomes so visible and noticeable to me. Just wondering if any recent samples have shown an increased level of cyanobacteria lately. Jeff noted it is consistent with the findings from the recent deep-water testing and analysis by AER.
- Stormwater testing performed on 4/9, 5/1, Limited rain fall to collect
- North cove versus other lake areas sediment measurement plans,
 - Agreed to use volunteers from ALHC in August meeting
 - Team to be determined to develop a plan and perform measurements

Remaining sewer hookup status (Tracking Spreadsheet updated)

- Lebanon WPCA update, Jeff Arpin
 - Continue to follow and document connections

Lake Health Historical documentation

- Committee review of Lake history document, Spreadsheet issued 9/17 for review and comment
 - Jeff requested all members review and provide comments. Jeff has tried to keep up to date throughout the year but may have missed an important item that other saw while boating or swimming in the lake. (Action 140)
- ALHC Website update, Jeff Arpin
 - Jeff met with Liz Bowen and agreed to implement one part of the website modification to see how well it works. This was the Analysis and Reports section

Future activities

- Amston Lake Home Owners Guide update, Kathy G

- Kathy not in attendance to report
- Ordinances review and enforcement, remind us all of our rules
 - Frank will follow up
- Lake residence requesting some rock removal in specific areas for boat safety
 - Jeff noted with some residents getting larger boats he was approached about rock removal to reduce boating damage. The committee did not resolve if this was acceptable. BOD to address (Action 142)

Other Items discussed

- Lebanon Roads
 - Need more than a one person Lebanon roads committee, Will help with the Erosion control interface with the Health Committee
 - A cost benefit analysis should be done comparing continued maintenance of gravel roads versus paving
 - Property owner adding fabric to the lake to eliminate plant growth. This seems to be the same person as installed sand in previous years and were talked to about lake ordinances. Frank will approach the land owner (Action 143)

Action Items, review and new, see below

Adjournment: 9:31 PM

1st, Al Fichtel 2nd Joyce Clark

Submitted by Jeff Arpin

Action item list follows, Updates in RED

Action Item No	Action Owner	Action Description	Date Assigned	Action Closure	date completed	reviewed with Committe	Print for minutes
31	Jeff Arpin	Implement Action item 22 comments to Amston Lake Guide for lake management	5/12/2018	5/29/2020 - Changed Action owner from ALHC to Jeff 5/7/2020 - Agree to meet after Lake history efforts are completed	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	8/25/20 - 129 Ryan Terrace connected, approved by Building Inspector. 7/23/20 - LWPCA motion was made and passed unanimously – Due to hardships being faced by the Covid-19 Pandemic the deadline to 7/7/2020 - Kathy Garvie noted she would draft an Amston Lake Home Owners Guide based on the applicable items in the Candlewood version and send to the committee for comment 6/2/2020 - Keep on Frank still thinks this is a good idea, need a lead person 5/7/2020 - may use web blasts in place of guide update		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	10/6/20 - need the lebanon roads committe to start to lead Erosion control projects		Yes	Yes
93	Jeff Arpin	set up a meeting with the town of Lebanon to discuss the phased approach of the Manion Catch basin	12/11/2019	8/18/20 – Jeff to set up meeting to discuss differences in meeting notes and future efforts (Emails 9/5, 9/10, 9/16, 9/30) 7/21/20 - Jeff Arpin met with Lebanon town officials and sent		Yes	Yes
101	Robert Bielert	As a licensed Surveyor, Robert could survey the areas identified by AI that needed attention Action item 98. Robert would start	1/7/2020	9/23/2020 - Surveyor provided map results for BOD 8/18/20 – Surveyors did survey lollipop in the past days, frank to see when they will complete the effort.	9/23/2020	Yes	Yes
113	Frank Hoisl	prepare future steps for Lollipop and Elsmere ROW designs and send to JEP engineering	3/3/2020	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 property, Amston to provide via normal permitting process. 5/1/20 - JEP update - nearly completed the design for the Lollipop Beach Sediment Trap Site at the outlet of the existing 15" RCP near the lake shore. I am holding off on the design for its companion	On Hold	Yes	Yes
114	Frank Hoisl Les Parlin	5/7/20 - Added Les to get an update of Lebanon's progress Initial - Add Watershed to the Lebanon Conservation Plan and send email describing	3/3/2020	10/6/2020 - Frank to sent out email for reviewing draft plan, LHC needs to review and provide comments by November 9/30 20 - Les Provided link to towns report that the committee needs to review	9/30/2020	Yes	Yes
120	Frank Hoisl	get other committees to post agendas and minutes on the website	5/7/2020	8/18/2020 – Frank noted Beaches and ROWs posting minutes 6/2/2020 - Currently Finance, Beaches and ROWS produce meeting minutes 5/20/2020 - Jeff noted this needs to be done at the May 2020 BOD meeting, Frank noted all committees write minutes just need to get them posted	8/18/2020	Yes	Yes
122	Frank Hoisl	Maintenance of emergency gate valve, contact Carl Wool to assist in the maintenance because they have performed this function before	5/7/2020	9/11/2020 - Greased and closed then reopened spil valve, worked very well 7/7/2020 - Plan to perform in July	9/11/2020	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	10/6/20 - met with Liz to start with Anaynsis and reports section 1st 9/29, 9/16/2020 - working to set up meeting with Liz Bowen 8/18/2020 – ALHC agreed to final layout, Jeff Arpin to meet with Web lead to get implemented (Liz Bowen) 7/7/2020 - Committee reviewing Proposed Lake health Web format		Yes	Yes

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132	Frank Hoisl	Provide Jeff the AER approved offer to be scanned into the historical records	7/7/2020	9/17/2020 - Signed contract provided, Jeff added to historical document file	9/17/2020	Yes	Yes
133	Kathy Feldman	Investigate other labs that can perform Chlorophyll testing	7/7/2020			Yes	Yes
134	Frank Hoisl	Assign a BOD member to review Ordinances and provide Input send by Jeff Arpin	7/7/2020			Yes	Yes
135	Frank Hoisl	30 Deepwood Drive Lebanon is using a weed killer as they did last year, need to see toxicity and if they in Ordinance compliance	7/7/2020	8/18/2020 – Frank confirmed owner using vinegar and water to kill weeds. The committee noted the complete shoreline was killed and property owners are not to do this on the lake shore line. Frank will see the owner who is now on the BOD.		Yes	Yes
136	Al Fichtel	Removal of Barley tubes, in Al Fichtel moving the tubes to the ROWs so Jeff can load into a truck and remove from the lake area. Al to set a date for the removal. Les and Joyce noted they are willing to assist.	8/18/2020	9/25/20 - H11 removed by Al Fichtel 9/16/2020, H16 9/25/2020 by Jeff Arpin	9/25/2020	Yes	Yes
137	Jeff Arpin	Find out when AER will issue Vegetation survey report	8/18/2020	9/18/2020 - AER noted the report should be issued in November 8/21/2020 - Jeff sent request to AER, noted ALHC not in a rush	9/18/2020	Yes	Yes
138	Kathy Feldman, Jeff Arpin	Need to get GIS coordinates of the <i>E. Coli</i> locations so they can be added to the AER final report so they are captured for any future efforts if needed	8/18/2020	10/7//20 - Dates set for 10/14 to get locations		Yes	Yes
139	Al Fichtel	Lollipop detention basin is an issue with a lot of sand that keeps filling the detention basins. We need figure where the sand in coming from and resolve.	8/18/2020			Yes	Yes
140	ALHC	Committee review of Lake history document	9/17/2020	9/17/20 - Spreadsheet issued 9/17 for review and comment		Yes	Yes
141	Frank Hoisle Jeff Arpin	Safety Vests for ALHC volunteers	10/6/2020			Yes	Yes
142	Frank Hoisl	Rock removal from shallow waters that pose a boating or swimming safety risk	10/6/2020			Yes	Yes
143	Frank Hoisl	Requirements for lake front owners controlling shoreline and lake front waters weed control	10/6/2020			Yes	Yes
144	Frank Hoisl	Lebanon Roads Paving and the impact on Erosion control and lake health	10/6/2020			Yes	Yes