

AMSTON LAKE HEALTH COMMITTEE
Regular meeting January 7, 2020, 7:00 PM
Minutes

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

Call to Order 7:02 PM

Roll Call of members:

Attending: Jeff Arpin, Dave Bareiss, Joyce Clark, Kathy Garvie, Frank Hoisl, Les Parlin

Absent: Geoff Bright, Kathy Feldman, Al Fichtel, Steven Reagan

Attending Guest to become ALHC Members: Patty and John Arnestad, Robert Bielert, Teri Nixon

Approve December Meeting Minutes

1st Kathy Garvie, 2nd Les Parlin

Manion Road Catch Basin design modification

Update on Lebanon Town communications

Frank noted he met with the town planner Phil Chester and provided the design drawings. The planner noted he would review the plan with their engineer over the next month then meet with the ALHC. Jeff Arpin also has a copy of the design drawings to support the upcoming meeting.

Remaining sewer hookup status

Lebanon

- Town progress update

Jeff attended the LWPCA meeting 12/19/19 and sent an email summary to the committee. The LWPCA issued a letter to 13 unconnected properties noting they need to attend a public hearing 1/23/2020 to present why they are still not connected to the sewer system. The letter was presented by Jeff and reviewed by the committee at the meeting.

Hebron

- Town progress update

Jeff updated the sewer connection spreadsheet with the information obtained from the Hebron GIS map that denotes Amston Lake properties. There seem to be only 2 properties not connected, 227 and 235 Hillcrest. The GIS map shows the sewer line ends at 215 Hillcrest and this may be the reason these properties are not connected. Jeff will attend the HWPCA meeting 1/14/2020 to reach agreement with the WPCA and update the spreadsheet accordingly.

Plunge Pool Inspection update

- Implementation of Al Fichtel priority input into Les "Storm Drains 2019" document

Les handed out a Lake Health Work Process for deciding how to define and implement areas that need attention around the lake, See attachment at the end of these minutes.

Les noted he updated the Storm Drain file and needs Jeff to confirm the proposed Manion/Deepwood catch basin design is properly located. (Action 100)

Les suggested not to include the priority of the ROW modification into the document and leave that separate. The committee had no disagreement.

The committee needs to consider standard designs in as many areas as possible to minimize design costs and keep erosion control similar around the lake.

A new member, Robert Bielert noted that he was a licensed Surveyor, Civil Engineer and that he could survey the areas identified by Al that needed attention. Robert would start with the highest priority item and work through them. (Action 101)

Frank will provide Joyce a draft note to explain the Plunge Pool plan so she can send to Joseph E. Polulech, P.E. Civil Engineer JEP Engineering Co. for his opinion of our efforts. (Action 102)

The committee discussed how to better define the Barley straw placement. We need to consider providing a map of locations and have a ALHC member support the contractor during installation documenting the position for future reference.

Lake Lowering for 2019/2020 winter preparation

Frank and Jeff removed an 8-inch weir board and replaced it with a 3-inch weir board to lower the lake 5 additional inches. The lake has yet again been difficult to lower this year. We will continue to monitor the lowering process.

AER year end reporting and presentation (Date preference)

Jeff to contact AER to see when we can expect the 2019 year-end report (Action 103)

Our plan is to put the report on the website and let the community ask questions that we plan to use at an upcoming presentation by AER.

Various dates for the presentation were floated but no decisions were made.

Lake Health Historical activity update

- (Jeff report progress, set up meeting date)

Jeff reminded that there were some open actions from our past meeting and that our team should complete them ASAP before our next meeting

Dave Bareiss will schedule a meeting to complete the effort including making sure all our 2019 efforts are correctly captured.

Amston Lake Management Plan

- Overview comment resolutions
- Set meeting date and Team

Jeff noted that he sent the committee the closeout table of Al Fichtel's comments on the document and wants to implement the results with a small team. The current plan is to define the date after the Amston lake history document is completed.

Budget preparation

Frank will send out last year's Budget for the committee to review (Action 96)

Jeff noted that he has started a list of items we should consider and will send out to the committee (Action104)

Jeff will contact AER about the year end report so we can use as input to the request for next years services.

Other items covered

Les noted that Hebron has a Municipal Stormwater Permit (MS4) that they follow to minimize erosion in town areas and that Lebanon does not meet the criteria for such a permit, but does have a Flood & Erosion Control Board lead by the Board of Selectman. Les noted that the Town of Lebanon 2010 Plan of Conservation and Development is required to be updated every 10 years and a new plan is needed for 2020. Jeff noted he would contact the town to obtain additional information. (Action 105)

Frank to send Jeff hatch the local contractor a note to look at the and clean the stream between the main dam and duck pond which we believe are from the beaver.

Review and update action items

- Action items closed (December): 92, 95 re opened, 98, 99
- Added items 100 to 105

Adjournment:

9:06 PM

1st Jeff Arpin, 2nd Kathy Garvie

Lake Health Work Process and Action item list follow

Submitted by Jeff Arpin

Lake Health Work Process:

1. **Work Identification** - Identify repair, alteration, or upgrade needs that will improve Lake Health. Once work is identified, there should be confidence within the organization that it will be completed in a professional manner within a reasonable time frame.
2. **Work Prioritization** - A work priority is determined after a problem is accurately and completely identified. A correctly assigned priority indicates the *relative urgency* of a problem and its impact on lake health.

The time frame in which work must be performed before a problem will have an adverse impact, must, also, be considered. Correctly assigned priorities will help in achieving the ultimate goal of doing the “right work” at the “right time.”

3. **Work Planning** – In order to effectively and efficiently execute any work, some type of planning must take place. Planning ensures that each step of a maintenance task or activity is clearly understood and that all elements and requirements are in place before executing the work.
4. **Work Scheduling** – The success or failure of this effort depends greatly on teamwork and thorough effective communication and coordination between all participating parties.
5. **Work Execution** – The primary objective in performing any type of work is that the work be completed in a safe, reliable, and efficient manner.
6. **Work Close-Out** – The objective of this practice is to ensure that all information pertinent to the job performed is accurately documented, stored, and communicated. A well-documented history provides the fact-base necessary for better decision making.

Action Item No	Action Owner	Action Description	Date Assigned	Action Closure	date completed	reviewed with Committee	Print for minutes
6	Frank Hoisl / Jeff Arpin	Miriam to provide the health committee access to the lake management plan information that is not on the Amston Lake web site.	2/28/2018	1/7/2020 - Agree to meet after Lake history efforts are completed 12/13/19 set up meeting to review Historical file to be added to the ALHC web site (file updated 12/30/19) 1/9/2019 - See availability of Allison to meet with the health committee on Web info and access, also see actions 30, 31, 35 11/29/2018 - Structure of web site, Invite Allison to a meeting to review		Yes	Yes
29	All	How best we measure lake health committee progress, score card	6/4/2018	12/11/19 - See Action item 97 7/3/18 - Possibly how many times we inform the district of lake health conditions		Yes	Yes
31	All	Implement Action item 22 comments to Amston Lake Guide for lake management procedures and	5/12/2018	1/7/2020 - Agree to meet after Lake history efforts are completed 12/31/19 Al responded to resolutions, Jeff sent info and resolutions to		Yes	Yes
45	Al Fichtel	See action item 40, waiting fish survey report	10/11/2018	12/31/19 - Al noted DEEP to be contacted for next year survey		Yes	Yes
67	Jeff Arpin	Continue to meet with Lebanon WPCA to get homes connected	6/5/2019	12/19/19 - LWPCA letters to unoccupied property owners (13) on 12/30/19 for public meeting 1/23/20 to define planned connection plan. 11/21/19 - Joyce attended WPCA, starting in 2020 WPCA to start notifying		Yes	Yes
73	Jeff Arpin	Compare Bathymetry for each period to see what can be learned	7/3/2019	1/7/2020 - Possibly this could be part of a request to AER, Jeff to request 9/4/19 - Discussed at 9/4/19 ALHC meeting as an important item to do but not critical to do immediately.		Yes	Yes
74	Geoffrey Bright	Compare Fish counts for each period to see what can be learned	7/3/2019	7/22/19 - Geoffrey provided results from known fish counts in a spreadsheet and graph. Need to consider adding new data when received and post on lake health web site.	Waiting on DEEP	Yes	Yes
78	ALHC	Review Candlewood lake home owners guide to see if we want to issue similar information about Amston Lake	8/30/2019	Need to have lead person assigned		Yes	Yes
79	Joyce Clark, Frank Hoisl	Catch basin install at Manion and Deepwood drive	6/1/2019	12/11/19 - See Action 92, 93 10/2/19 - Frank, Allison, Jeff to see Lebanon town planner, Frank to coordinate, wait until after elections		Yes	Yes
92	Frank Hoisl	Provide the Manion Catch basin detailed design to the Lebanon town engineer Brandon Handfield for review	12/11/2019	1/7/2020 - Frank noted he provided the Manion/Deepwood Drive catchbasin drawing to the town planner	1/7/2020	Yes	Yes
93	Frank Hoisl	set up a meeting with the town of Lebanon to discuss the phased approach of the Manion Catch basin	12/11/2019	1/7/2020 - Frank noted in late January or early february for meeting, Town want about a month to review drawings		Yes	Yes
94	ALHC	Review the Amston lake Stormwater/Drains 2019 document issued by Les Parlin	12/11/2019	12/11/19 - Jeff document comments satisfactorily resolved other corrections made. Les to provide updated document.		Yes	Yes

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95	Jeff Arpin	Amston Lakes past plant surveys were performed in August /September but AER notes that an earlier survey would show other vegetation. The committee agree to a yearly survey but still need to understand better the timing to best understand our lakes vegetation. Jeff to ask AER to consider adding some recommendation in the yearly report	12/11/2019	Review past NEAR reports for plant survey information AER to provide recommendation in year end report Plant surveys conducted - 1996 ECO Systems, 7/98 NEAR, 6/99 and 8/99 NEAR, 6/2000 NEAR, 6/01 and 9/01 NEAR, 7/03 NEAR, 6/04 NEAR, 6/05 NEAR, 8/06 CTAES, 07 by residents, 07/08 NEAR, 07/09 NEAR, 08/10 NEAR, 06/11 and 10/11 NEAR, 10/17 NEAR	12/30/2019	Yes	Yes
96	Frank Hoisl	send out last years ALHC budget for the team to review and provide comments as appropriate	12/11/2019			Yes	Yes
97	ALHC	think about a year end summary email blast for the team's efforts throughout the year and provide input to Frank	12/11/2019	1/7/2020 - Jeff to send out list he started to prepare		Yes	Yes
98	Al Fichtel	Prioritize remaining recommendations made in the ROW inspection he performed	12/11/2019	#1 - Lollipop. Without a doubt the biggest culprit, as it appeared to bring heavy sand and silt throughout the fall. Locate property lines. #2 - Elsmere will likely be our most challenging and COSTLY. Although the first thing that could happen here is a rework of the existing rip rap near the water's edge. Hopefully we could quickly minimize the sand erosion currently taking place under heavy rain conditions, while planning the design and construction of future pools. #3 - Meadowbrook - The main pool here has been degraded and could be addressed for at least a temporary fix. #4 - Cove. Repair initial pool to maximize. Temporary #5 - Oakland. Working well overall. Possibly address the lower riprap as I mentioned in Elsmere comments above. #6 - L-32. A working system entirely located on private property.	12/21/2019	Yes	Yes
99	Frank Hoisl	Consider moving ALHC meeting to Tuesdays in place of Wednesdays. Seemed acceptable to 12/11/19 meeting attendees, Frank to request of complete committee	12/11/2019	ALHC Meetings for 2020 will be on 1st Tuesdays of the month	12/26/2019	No	Yes
100	Jeff Arpin	Jeff to confirm the proposed Manion/Deepwood catch basin design is properly located on Les Drain document	1/7/2020				
101	Robert Bielert	As a licensed Surveyor, Civil Engineer Robert could survey the areas identified by Al that needed attention Action item 98. Robert would start with the highest priority item and work through them.	1/7/2020				

