

# AMSTON LAKE HEALTH COMMITTEE

Regular meeting October 2, 2019

## MINUTES

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

### **Call to Order**

Meeting was called to order at 7:02 PM. by Frank Hoisl.

Minutes of September 4 meeting were approved.

Roll Call of members:

In attendance: Jeff Arpin, Kathy Garvie, Joyce Clark, Kathy Feldman, Dave Bareiss, Al Fichtel, Steven Reagan, Frank Hoisl

Absent: Maureen Dagon, Les Parlin, Geoff Bright

Special Guest Appearance: Allison Stec

### **Manion Road catch basin design and plan to move forward**

Reviewed the plan and shared status with Allison Stec from the Lebanon roads committee

The following was discussed and it was agreed to meet with the Town Planner before moving forward

1. Can the district install a storm drain at the end of Manion road or do we need to involve the town in the construction?
2. Should we create a full plan which includes adding drains going up Manion road?
3. Can we share the costs with the town?
4. Before we go to further can we get a complete cost?

We could probably combine road budgets with LHC budget for design work

2<sup>nd</sup> area of concern is Ryan Terrace storm drain, 3<sup>rd</sup> is Ledge road area

Action for Frank, Allison and Jeff to talk to Phil Chester to get his opinion on what could be done, Action 79

### **Remaining sewer hookup status on Lebanon side**

Joyce and Jeff reported on the WPCA meeting,

1. 15 homes still remain unconnected of which 3 are unoccupied
2. Town is in contact with their Lawyer about unconnected properties, they plan to call a meeting to note the properties must connect to meet State and Federal regulations. Leans were discussed in that properties with leans have a finite time (~ 6 months) to pay before a home sale could be performed by the town.
3. It was learned that the property at 2 Deepwood Drive wanted to connect in 2013 and was rejected by the Lebanon WPCA. It is now understood that the Lebanon WPCA

would accept connection. The Lebanon WPCA noted if sewage was seen again to notify the town and they will deem the system failed and it would need to be replaced

4. Jeff provided the unconnected homes list the ALHC is tracking to the WPCA, they noted they would add homes under probate to the list.

It was suggested to ask the health district of Lebanon to investigate state of septic system at 2 Deepwood drive

Jeff to confirm with the town of Hebron WPCA that all homes are connected. Action 85

### **Review of water sample results**

Jeff provided a status of recent lake water testing including deep water and chlorophyll

There was a concern that we may be performing too many tests, if all of the results are coming back similar. It was decided that since we switched Limnologists this year we perform additional water quality tests to develop a baseline, and if after the first year the results indicate we don't need to continue we will cut back on test samples

### **Reviewed activity by subcommittee for Lake Health Historical activity**

Team created a spreadsheet of activities and agreed to meet again to complete the spreadsheet

### **Northeast Cove discussion**

Jeff to coordinate with AER on what type of testing should be required to determine E. Coli activity in the cove. Action 71

Jeff was going to recheck previous Phragmite growth in the cove area and document the changes from last year's marking. The committee agreed to continue to monitor. Action 84

### **Miscellaneous**

Kathy Garvey was going to verify if Mike Smith did anything to verify Barley straw, Action 69

Reviewed and updated standing action items

**Adjournment:** Motion to adjourn Meeting at 10:00 PM by Jeff, 2<sup>nd</sup> by AI

Submitted by Frank Hoisl

Action item list follows

Action Item No	Action Owner	Action Description	Date Assigned	Action Closure	date completed	reviewed with Committee	Print for minutes
6	Frank Hoisl	Miriah to provide the health committee access to the lake management plan information that is not on the Amston Lake web site.	2/28/2018	<p>Add Historical file to web site</p> <p>1/9/2019 - See availability of Allison to meet with the health committee on Web info and access, also see actions 30, 31, 35</p> <p>11/29/2018 - Structure of web site, Invite Allison to a meeting to review</p> <p>Miriah Kelly has resigned from the Board of Directors and as chairperson of the committee, so access to lake management plan that is not on the website will be postponed.</p>		Yes	y
21	AI	Plunge Pool cleaning schedule	5/2/2018	<p>10/2/19 - No info this year, Add as effort for ALHC, take pictures of how plunge pool works</p> <p>6/5/19 - Frank to get information from ROW</p> <p>4/17/19 - Maureen noted this was completed, need to get results</p> <p>4/1/19 - Discuss moving this task to another person</p> <p>7/3/18 - Maureen to obtain from Brett details on the pool cleaning, how bad, disturbed areas, repair necessary...</p>		Yes	y
29	All	How best we measure lake health committee progress, score card	6/4/2018	7/3/18 - Possibly how many times we inform the district of lake health conditions		Yes	y

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31	All	Implement Action item 22 comments to Amston Lake Guide for lake management procedures and planning	5/12/2018	<p>10/2/19 - AI completed review will set time for group meeting, Jeff, AI</p> <p>9/4/19 - AI noted he would modify the plan with his suggestions using track changes and complete by the October 2019 ALHC meeting. Then a group of 3 to 4 people would review and finalize.</p> <p>5/1/19 - AI wanted to review Management plan and info on the web to see what the plan should hold</p> <p>2/28/19 - Jeff completed Draft 2 of the document and send a google link to the ALHC for review, need to set up a review and comment meeting(s)</p> <p>2/13/19 - Jeff to complete document revisions then present to committee for comment resolution</p> <p>1/28/2019 Allison had document converted to a OCR PDF. Jeff converted to a Microsoft Word document and is in the process of updating, Possibly should have team review sections.</p> <p>1/9/2019 - Jeff to obtain price to get book scanned. Need to see how to convert to editable form (Microsoft word)</p>		Yes	y

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45	Al Fichtel	See action item 40, waiting fish survey report	10/11/2018	<p>9/4/19 - Al noted DEEP is planning another fish survey late this year</p> <p>5/23/19 - DEEP Did another fish survey, waiting results, Al noted it may be many months for report</p> <p>3/13/19 - DEEP provided report, Jeff noticed on 3/27 the date on the report is 2018 and asked for a revision to correct, Fish report not on website</p> <p>1/27/19 - Al contacted DEEP, they are short handed but report coming soon</p> <p>1/9/19 - Frank will send Al a reminder to see if DEEP has the report ready</p> <p>DEEP Fish survey commenced Oct 7th</p>		Yes	y
52	Frank Hoisl	Add ALHC meeting agendas and minutes to website so the community can see our progress	3/3/2019	<p>9/4/19 - Jeff noted he has captured many but not all meeting minutes in the historical file so it can be used to add to the ALHC website</p> <p>7/30/19 - Meeting minutes to include action item list (open actions)</p> <p>6/1/19 June meeting minutes added to web site, need to add remaining</p>		Yes	y
65	Hebron	CB and Vortecnic unit cleaning	5/1/2019	<p>10/2/19 - Vortecnic Units cleaned at the same time as the CB</p> <p>7/3/19 - Joyce to check with homes close to units, Scott area cleaned with CB</p> <p>6/29/19 - Hebron cleaned CB and ALHC measured all CB's, Do not know about Vortecnic units</p>	10/2/2019	Yes	n

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66	Frank Hoisl	Ask Anita how have we spent money on the lake and has it provided expected benefit	6/5/2019	Frank to ask Anita to send most detailed beaches and ROWS data to ALHC	Dropped	Yes	n
67	Jeff Arpin	Continue to meet with Lebanon WPCA to get homes connected	6/5/2019	<p>9/26/19 - Attended meeting -Town to call a meeting of unconnected homes to plan connections, must connect</p> <p>9/3/19 - 9/26 is next meeting, August meeting cancelled, show disconnected home living status</p> <p>7/2/19- missed meeting, Town noted that most New Sewer Applications Received – 5 Scanlon Terrace, meeting minutes are available on Lebanon WPCA web site, 7/22 meeting cancelled, 8/22/19 next meeting</p> <p>6/27/10 - WPCA meeting cancelled, Jeff to attend next meeting to discuss septic and homes to be connected</p> <p>Frank to discuss at June district meeting</p>		Yes	y
68	AER and ALHC	Meet to discuss Phragmite, Dredging, Lake filling in, Sewer issues	6/5/2019	<p>8/23/19 - AER follow-up letter dated 8/22/19 issued, water quality acceptance criteria, Phragmite management, North cove, Historical land use, ALHC needs to follow-up with a response. See action 77</p> <p>7/23/19 - Email from AER shown in attachment 6</p>	8/22/2019	Yes	n
69	Kathy Gravie, Frank Hoisl	Is Barley straw really Barley straw, Follow up on straw placements	6/5/2019	7/3/19 - Mike Smith, Sample of bale material to send to UCONN.		Yes	y

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70	Jeff Arpin, AER	Define limits with AER of each of the sample data we are taking	7/3/2019	8/23/19 - AER follow-up letter dated 8/22/19 issued, water quality acceptance criteria, Phragmite management, North cove, Historical land use, ALHC needs to follow-up with a response. See action 77 7/24/19 - AER responded noting they would be providing limits in the report of initial 2019 data	8/22/2019	Yes	n
71	Jeff Arpin, AER	North East cove health determination, how best to determine.	7/3/2019	10/2/19 - Jeff to call AER about E coli testing 9/30/19 - AER responded that lab costs between \$300 and \$400 per sample and would need to test a variety of spots not just the area of concern. 9/4/19 - Jeff to ask AER what proper tests can be performed to see if any sewer from the non-connected home is getting to the lake 8/23/19 - AER follow-up letter dated 8/22/19 issued, water quality acceptance criteria, Phragmite management, North cove, Historical land use, ALHC needs to follow-up with a response. See action 77 7/28/19 - Jeff took sample measurements at various low water depth (1- 3 feet) NE cove points and noted between 0 to 8 inches to hit hard soils. Can get GPS locations if important. 7/23/19 - Email from AER shown in attachment 6, Still needs AER input		Yes	y

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72	Jeff Arpin, AER	Phragmite area modification on northeast cove, get GPS data to AER, it is not as large as defined in AER letter	7/3/2019	10/2/19 - Jeff to document changes from 2018 stake marking, see new action item 84 Prepared GPS map of Phragmite near 6 Deepwood drive and sent to team and AER 7/13/19. Coordinates are shown in attachment 5	7/13/2019	Yes	n
73	TBD	Compare Bathymetry for each period to see what can be learned	7/3/2019	9/4/19 - Discussed at 9/4/19 ALHC meeting as an important item to do but not critical to do immediately.		Yes	y
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	y
75	Geoffrey Bright	Septic inspection criteria	7/3/2019	9/26/19 - At Lebanon WPCA it was noted that failed systems show external signs of sewage, if seen in the future to notify the town to deem the system failed		Yes	y
76	Frank Hoisl, Jeff	Dam visual inspections with photos	7/3/2019	Jeff has pictures of dam construction from historical file, send to Frank		Yes	y
77	Frank Hoisl	Respond to AER letter dated 8/22/19 and add letter to website	8/22/2019	10/2/19 - Frank email blast reminder 9/4/19 - Discussed at ALHC meeting, Follow Phragmite recommendations and Frank issue email blast noting decision. Jeff sent link for historical pictures (Action 81) <a href="http://www.cteco.uconn.edu/">http://www.cteco.uconn.edu/</a>		Yes	y



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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	y
79	Joyce Clark, Frank Hoisl	Catch basin install at Marion and Deepwood drive	6/1/2019	10/2/19 - Frank, Allison, Jeff to see Lebanon town planner, Frank to coordinate 9/4/19 - Joyce provided an update of the communications and send an email on 9/8 identifying the discussions, Frank to invite Allison to discuss erosion slowdown, silt fencing, cost sharing. Previously Joyce provided detailed drawings to Allison Stec (Lebanon Roads) and Frank Hoisl (AL President)		Yes	y
80	Al Fichtel	Main Beach E.coli test results	9/11/2019	10/2/19 - Document closures going forward 9/11/19 - Al noted in a 9/11/19 email he had spoken to Steve Knauf at Chatham Health a bunch of times over the years, and he tells me that he actually grabs water from a few different spots at the Main Beach. Jeff asked if we could get data to review?	10/2/2019	Yes	n
81	Jeff Arpin	Send link for Arial maps in Connecticut	9/4/2019	9/5/19 - Sent email noting high level directions for use and link for maps. This is the site for reference <a href="http://www.cteco.uconn.edu/">http://www.cteco.uconn.edu/</a>	9/5/2019	Yes	n

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82	Jeff Arpin	See if Kathy Garvie will be backup inlet sampler for AI, Locations H4,6,11,13	9/4/2019	9/7/19 - Kathy agreed to be backup, AI to text Kathy when he needs backup.	9/7/2019	Yes	n
83	Frank Hoisl	Provide Jeff with all lake level recorded to date, also get older data from Carl.	9/4/2019	10/2/19 – Some lake levels seem to change many inches from December to January, Need to check data. 10/1/19 - Frank provided data from late 2016 to current, will discuss at meeting	10/1/2019	Yes	n
84	Jeff Arpin	Jeff to document changes from 2018 Phragmite stake marking	10/2/2019			Yes	y
85	Jeff Arpin	Confirm all Hebron homes connected to Sewer, ask Hebron WPCA	10/2/2019			Yes	y