

Amston Lake Health Committee

1/15/18

Agenda

7:00 Call meeting to order

Introduction /Welcome by Frank Hoisl
Introduction of committee members

7:30 Current lake health activity

Dr. Knoecklein- Northeast Aquatic Research
Latest updates on activities
Funding

8:00 Discussion/Develop/identify

Mission Statement
What does this committee mean to you?
Brainstorming committee ideas

8:45 Set agenda for next meeting, select date

9:00 Adjourn meeting

Committee Members

- Frank Hoisl- VP Board of Directors (BOD)
- Miriah Kelly- Director- BOD, Committee Chairperson
- Amy Larew
- Joyce Clark
- Jeff Arpin
- Nick Salerno
- Kathleen Garvie
- Maureen Dagon
- Dave Bareiss

Current Lake Health Activity

- Met with Dr K. on 12/28
 - Walked lollipop cove, Northeast cove, H-11 area
 - Talked about dredging, watershed management, aerators, cleaning plunge pools, rain gardens, invasive plant classes, Lake needs to be dormant
 - Working the Lake health summary report for 2017-18
 - Reconnect in March 2018
- Budget 2017-18 (July start)
 - 51000 Account Total Lake Health
 - 51010 Lake Health Action Plans
 - 51020 Lake water testing
 - 51030 Barley Straw
 - 51040 Aquatic plant control
 - 51050 Limnologist Fees
 - 51080 Fish Restocking
 - 51090 Other Lake Health Expense
 - 52010 Boat Inspections
 - Total Budget \$11,600.00
 - Will be starting the 2017-18 budget planning in Jan/Feb

Budgeting Estimates

Amston Lake Sampling Details	
<i>Regular Lake Water Quality Samples:</i>	
Parameters^A	Depth of Samples (meters)
Total phosphorus	1,4,6
Total nitrogen	1,4,6
Total monthly cost	
Total 2017 Season cost (June - October)	= \$144 x 5 sample dates per yr
Total 2018 Season cost (April - October)	= \$144 x 7 sample dates per yr
^A - additional parameters can be added once program is back on track	
Stormwater Sampling	
Parameters	Number of Samples
Total phosphorus	21 storm drains + 1 outlet
Nitrate-nitrogen	21 storm drains + 1 outlet
Turbidity	21 storm drains + 1 outlet
Total per visit cost	
One Full Event	= \$405 x 1 sample dates*
Sample Unit Cost = \$58 for individual samples collected from selected drains	
*Overestimate of season cost because all inlets may not be sampleable	
Water Quality Sampling Analysis Cost	
Amston Lake 2017 Budget	
In-lake Water Quality Samples--2017	June-October
Volunteer Stormwater Samples--22 samples	Any time June - January
Aquatic Plant Survey	Late Summer 2017
Review of Cove (Dredging and construction efforts)**	Winter 2017
Water Quality Report Preparation and Mapping	Winter 2017-2018
End of Season Meeting/Additional Consulting	Winter 2017-2018
	Total Project Costs
**Cost will vary depending on time and actual work.	
Amston Lake 2018 Budget	
In-lake Water Quality Samples--2018	April-October
Volunteer Stormwater Samples--22 samples	Any time February - January
Aquatic Plant Survey	Late Summer 2018
Water Quality Report Preparation and Mapping	Winter 2018-2019
End of Season Meeting/Additional Consulting	Winter 2018-2019
	Total Project Costs

Mission Statement Definition

- A written declaration of an organization's purpose and focus that remains unchanged over time.
 - Properly crafted mission statements:
 - (1) separate what is important from what is not
 - (2) clearly state which markets will be served and how
 - (3) communicate a sense of intended direction to the entire organization.

Mission Statement

- To develop a lake health management plan to identify key activities necessary to maintain a healthy lake environment

Committee Goals

- Lake Health Management Plan
 - Manual identifying tasks, procedures, owners,
 - Watershed management
 - District goals
 - Water quality
 - Runoff
 - Bacteria testing
 - Deep water testing
 - Dredging
 - Volunteerism
 - Water level monitoring
 - Blue algae
 - Barley straw management
 - Weeds and spraying
 - Vortechnic units
 - Water safety drills
 - Beach
 - Boat Inspection
 - D.E.E.P
 - Connecting with health districts
 - Fish health/stocking
 - Goose poop
 - Update website with key lake health initiatives
 - Good communication on status

Future Committee's Agenda Topics

- Budget Planning
- Website page set-up
- Sub committees