



TOWN OF BOW

Conservation Commission

10 Grandview Road, Bow, New Hampshire 03304

Phone (603) 228-1187 Fax (603) 225-2982 Website www.bownh.gov

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Conservation Commission Meeting

> AGENDA - CONSERVATION COMMISSION 07/17/2017 MEETING

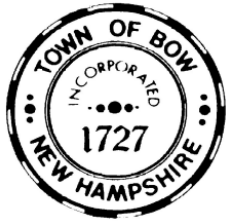
Documents:

[2017-07-17 AGENDA.PDF](#)

> PACKET - CONSERVATION COMMISSION 07/17/2017 MEETING

Documents:

[CC 07172017 PACKET.PDF](#)



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AGENDA

July 17, 2017

7:30 pm - Municipal Building

Unapproved Minutes (6/12/17)

Items for Consideration/Discussion

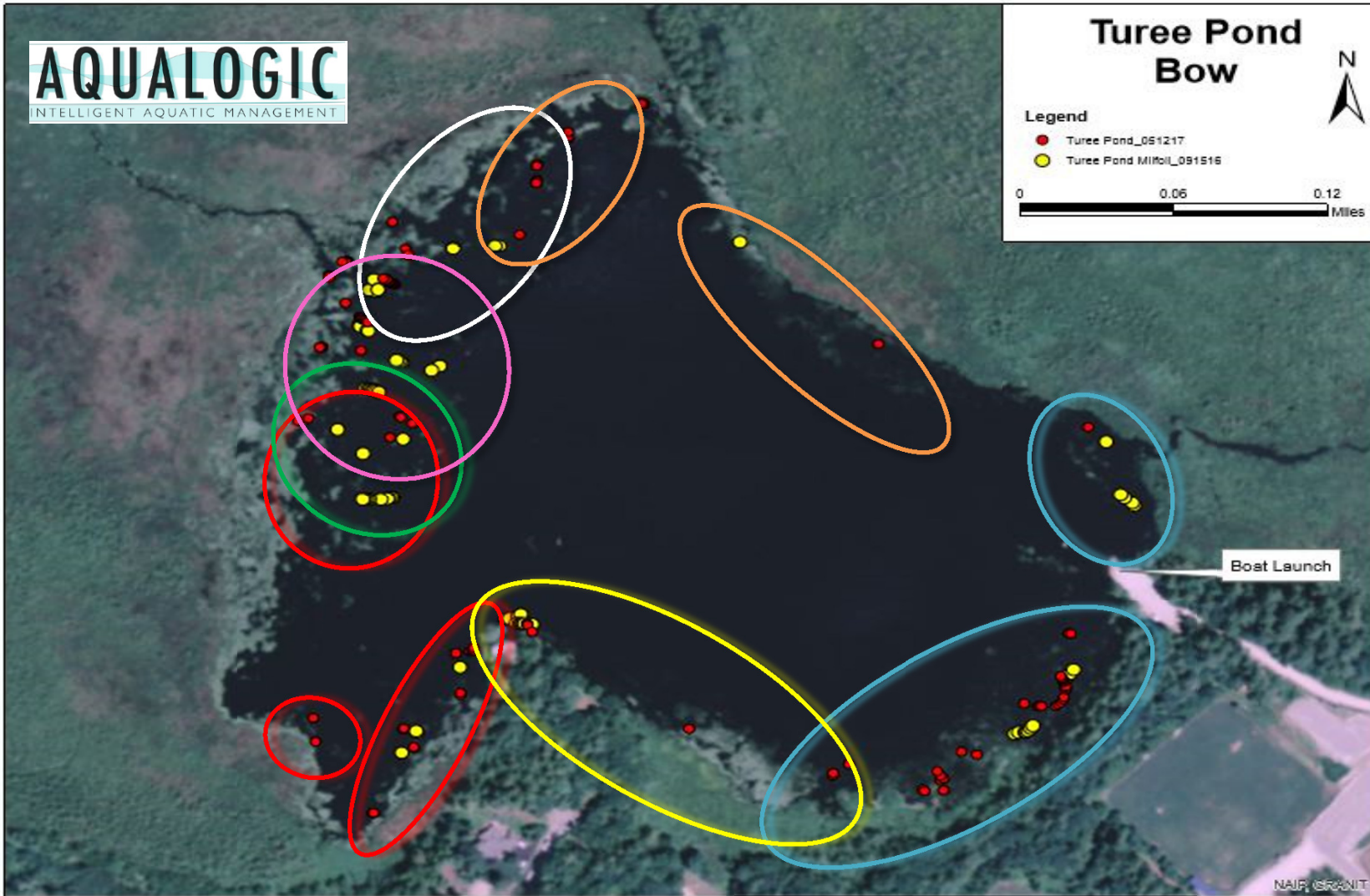
1. Turee Pond - status of various activities
 - a. Diver Assisted Suction Harvesting (DASH) report from Aqualogic (Sandy)
 - b. VLAP results (Bob)

2. Master Plan - Review draft Natural Resources section and members' suggested approaches to goals, objectives and actions.

3. Other
 - a. Boundary marking , tree cutting for views on town land & forest management (Sandy)
 - b. Debrief "State of the Waters Workshop" - June 16 (Bob)
 - c. Small whorled pogonia survey (Sandy)
 - d. Turee Pond boat ramp - erosion et al

4. Next meeting - revise meeting date of 8/14?
Put on your calendar: 11/4 NHACC annual meeting

Next meeting: August ??



Day 1, 5/23/17, 62 gallons 6 dive hours Hand Harvesting	Day 2, 5/24/17, 33 gallons 5 dive hours Hand Harvesting	Day 3, 5/25/17, 166 gallons 6 dive hours Hand Harvesting And Dash Unit	Day 4, 5/26/17, 45 gallons 4 dive hours Dash Unit	Day 5, 5/30/17, 160 gallons 7 dive hours Dash Unit	Day 6, 5/31/17, 150 gallons 7 dive hours Dash Unit	Day 7, 6/1/17, 100 gallons 3 dive hours Dash Unit
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In considering my suggestions for the Master Plan Objectives I came up with four basic principles.

1. To continue the good work that we have been doing.
2. Raise public awareness regarding the resources, the issues and how the Commission is responding to these issues.
3. To improve awareness, conditions of and access to these natural resources.
4. To lay out the Commissions visions for the future.

Master Plan Objectives.

Objective 1

To continue to plan for, support and implement the conservation, protection and stewardship of Bow's natural resources that are part of the rural character of Bow that residents value.

Objective 2

To raise awareness, through education of Bow residents, of the importance of conserving and encouraging the appropriate balance between protection and active use of Bow's natural resources.

Objective 3

To improve, protect and encourage public access to Bow's natural resources.

Objective 4

To effectively facilitate conservation acquisition priorities and stewardship of existing conservation areas.

Bow CC Goals/Objectives

Arranged by 1. Goal, a. Specific Objective, and i. Action

1. An abundant, well managed variety of water, forest, and wetland resources within the town of Bow.

a. Insure Protection of critical resources through Regulatory Review

- i. Review and Comment on Pending Permits at Monthly Meetings**
- ii. Attend Site Visits as needed**
- iii. Review and Recommend Ordinance changes as needed**

b. Provide Good Management of Town Owned Forests

- i. Review all Proposed Timber Sales**
- ii. Continue close collaboration with the town forester.**
- iii. Plan for and Schedule an update to the Town Forest Management Plan**
- iv. Establish easements on town owned properties as needed.**

c. Enhance and Protect Rivers/Streams

- i. Manage Turee Pond through Water Quality Assessments, milfoil management, and Aquatic Evaluation**

d. Protect Critical Wetlands

- i. Identify any additional Prime Wetlands**

- ii. Create a Wetland Mitigation Option for new construction**

2. Large Open forested areas of town that enhance the Rural Character of Bow

a. Improve Natural Recreational Areas

- i. Acquire easements on any potential excavation sites scheduled for reclamation**
- ii. Improve existing trail systems**
- iii. Continued partnering with Bow Open Spaces and Bow Pioneer citizen groups.**

b. Improve Town Viewsheds

- i. Conduct a comprehensive inventory and assessment of scenic areas.**

3. A environmentally knowledgeable citizen base that has awareness of the strengths and vulnerabilities of Bow's Natural Resources

a. Improve Wildlife Awareness

- i. Educate landowners on location of wildlife corridors, conservation methods, and land management.**
- ii. Educate landowners adjacent to critical streams/ponds on best practice shore land protection and storm water management.**
- iii. Schedule informational talks on wildlife and invasive plant issues.**

A. Kallenbach's suggested reorganization

Natural Resources

CHAPTER OBJECTIVES AND RECOMMENDATIONS

The following broad objectives apply to the recommendations that were developed for each topic area.

OBJECTIVE 1

To plan for and support the protection of Bow's water resources, forest systems, and air quality.

Water Resources

→ Pursue a regional initiative for source-water protection that includes partnerships with communities adjacent to Bow, the Department of Environmental Services, and non-profit conservation organizations. Measures should also be created to ensure development within the source-water protection areas is conducted in such a way that protects the water resource.

Forests

→ Update the Town Forest Management Plan at least every ten years in order to assess the Plan's effectiveness and adjust the management to the changing demands on the forest resource. The public should be involved in the process to ensure that all concerns regarding the management of the Town Forests are addressed.

Trails

→ Monitor for opportunities for Bow to connect into the Concord to Manchester portion of the Granite State Rail Trail. Bow should also monitor the feasibility of ambitious long-term options such as a pedestrian bridge over the Merrimack near Hall Street as described in the Regional Trails Plan 2012 for the Salem to Concord Corridor.

OBJECTIVE 2

To raise awareness through education on the importance of protecting natural resources.

→ Continue to provide for comprehensive protection of shorelands through regulatory, educational, and voluntary efforts.

Wildlife Habitat and Species

→ Encourage property owners to manage their properties for wildlife habitat. Educate landowners on the location of wildlife corridors and conservation and land maintenance techniques that they can employ to help preserve and protect these areas.

→ Implement a public education campaign or combine with other efforts to educate the public about invasive species as well as the presence of endangered, threatened, and/or species of special concern located within the Town of Bow, and the benefits for preserving such species.

Forests

→ Provide forest management information to private woodland owners to encourage sustainable forestry practices and long-term planning and consideration of all aspects of the forest ecosystem, including wildlife and watershed concerns.

Conservation Land and Open Space

A. Kallenbach's suggested reorganization

→ Investigate the use of Class VI roads and discontinued rail beds as greenway/trail/wildlife corridors that could be used to link existing open space and recreational lands.

Trails

→ Seek volunteers to establish a trail committee tasked with developing a trails plan, as well as facilitating, maintaining, building, and signing trails and trailheads on public and private property in the Town of Bow.

Air Resources

→ Increase public education on air quality issues and specific actions to help improve and maintain air quality in Bow

→ Encourage energy efficient design of new buildings in the Site Plan Regulations for the Business Development District.

OBJECTIVE 3

To effectively facilitate conservation acquisition priorities and stewardship of existing conservation areas.

Sand and Gravel Deposits

→ Acquire easements at current excavation sites after reclamation takes place, which can serve as recreational areas and/or provide river access for residents.

→ Evaluate any reuse of the sand and gravel pits located within the Town for the appropriateness of the proposed activity, and best management practices should be used to prevent contamination of subsurface water bodies, as well as adjacent streams, ponds, rivers, and/or wetlands.

Water Resources

→ Complete evaluation of all potential prime wetlands.

→ Conduct an annual review of ordinances and regulations to adequately address the issues of stormwater management, erosion, and sediment control to improve the quality of the Town's waterbodies to incorporate best [management practices?]

→ Periodically review the provisions of the Aquifer Protection District to ensure that requirements rely on best management practices and the newest technology.

→ Create an option for developers to mitigate wetland impacts through a financial contribution to the Town for conservation land purchases.

Potential Sources of Contamination

→ Review the existing allowed uses in the Commercial District, Industrial Districts, and the Business Development District to ensure that uses with contamination potential are limited to those specific Districts and that they are compatible with the surrounding natural resources.

Wildlife Habitat and Species

→ Acquire conservation easements or purchase the land where species of concern exists. Special priority should be given to those corridors that connect currently protected parcels of land in the Town or abutting towns.

A. Kallenbach's suggested reorganization

Forests

→ Continue notification by conservation commission of abutters prior to the start of a timber harvest in Town Forests. The Selectmen's office should also be kept abreast of all planned activities in order to provide information to the public in a timely manner.

→ Dedicate the timber tax collected by the Town for forest management, conservation, natural resources education, and land acquisition activities.

Steep Slopes and Scenic Views

→ Conduct a comprehensive inventory and assessment of scenic areas in Bow.

→ Review the current slope development standards to ensure the protection of the environment and safety in both the short and long term, as well as the aesthetics from both near and far observation points within the Town.

Conservation Land and Open Space

→ Conduct a Natural Resource Inventory to assist in prioritizing conservation acquisitions and to inform any future discussions on density transfer credits.

→ Identify and prioritize potential parcels of land that the Town feels should be protected because of important cultural, ecological, historical, or recreational value.

→ Evaluate the funding required for land stewardship for each easement under consideration by the Conservation Commission; funding should be set aside each year for this purpose.

→ Identify existing and potential greenways that are in the Town, as well as those that are in abutting towns that border Bow border for future protection strategies.

→ Establish a program that encourages the donation of easements for agricultural lands, conservation lands, forestry lands, and open space lands.

Trails

→ Undertake an on-foot survey of all Class VI roads within Town to gauge their ability to sustain certain types of trails usage.

→ Work with private landowners to obtain written permission or easements for publicly accessible trails on private property, and with the State of NH on state owned land. Foster positive relationships with landowners.

→ Establish trail connections between existing trail networks. Knox/School forest, Nottingcook forest, and other locations that have a significant but isolated network of trails that would benefit from new connections and better access from neighborhoods and schools.

→ Work to formalize existing trails and footpaths in order to make them more available to the public.

→ Develop trail maps for public distribution online, in print, and at trailhead kiosks.

→ Work with adjacent communities to create trail systems that span town lines, including connections into Concord's recreational trail network.

Air Resources

→ Research alternative forms of energy for municipally owned buildings, as well as energy efficient

A. Kallenbach's suggested reorganization

design and products.

→ Include "air quality impacts" in the Site Plan Regulations checklist.

→ Capitalize on opportunities to make Bow more pedestrian friendly to reduce motor vehicle use and encourage physical activity.

OBJECTIVE 4

To continue to preserve natural resources that are part of the rural character of Bow that residents value.