



Boscawen
Bow
Canterbury
Concord
Franklin
Northfield

PO Box 3019 | Denacook, NH 03303

UMRLAC Meeting Minutes for July 9, 2018
DES Offices, Concord NH

Members present: Michele Tremblay (At Large), Steve Landry (At Large), Gary Lynn (Bow), Gary Lemay (Concord), Wayne Ives (Franklin), Anne Dowling (Canterbury), and Thomas Gilmore (Boscawen).

Members absent: Krista Crowell (Bow), Adrienne Hutchinson (Canterbury), Donna Liolis (Franklin), Mike Hansen (Bow), Rick Chormann (Concord), Ashley Warner (Northfield), and Nita Tomaszewski (Franklin).

The Chair of UMRLAC, Michele Tremblay, called the meeting to order at 7:00 PM. UMRLAC voted to accept the consent agenda. The next meeting will be **August 13, 2018 in Franklin.**

Minutes

The meeting minutes were approved.

Membership

The following membership term expiration dates were discussed: Mike (7/15/2018), Anne (6/10/2018), Nita (expired holdover status). Glenn Brown and Alan Larder's memberships expired and they are not renewing. Krista and Gary Lynn renewed and were reappointed. DES received Adrienne's re-nomination and will be acting on it soon. Tony Guinta, Franklin Mayor, plans to nominate someone for Franklin.

Treasurer's Report

Krista sent the Treasurer's report for July via Gary; it was reviewed and placed on file. Municipal and adopt-a-river site invoices will be coming out soon. Michele discussed the website upgrade. She indicated that it cost \$1800 to rebuild the website and another \$200 to optimize the website for search engines. Michele didn't want to optimize the website for search engines but the website designer really wants to include that in his scope of work. Michele will resolve this with the website designer.

Bylaws

UMRLAC discussed the need to update the bylaws. Revisions are necessary to address statutory changes, the addition of at large members, check signature changes initiated by the bank, meeting date flexibility, etc. Draft revisions will be presented at the October meeting with a vote planned during the annual meeting in November.

CNHRPC Brownfields Advisory Committee (Mike Hansen)

No change in status.

FERC Updates

The Lowell dam is in the early stages of permit application study planning. Gary Lemay noted that the proposed scoping document for the required studies is in the comment period. This dam is a major barrier to fish passage and studies will be performed on the effectiveness of fish passage measures and operational impacts on migratory fish. Additional licensing efforts that might occur this year are the Lochmere and Lakeport dams.

Upper Merrimack Monitoring Program (UMMP)

Rock basket deployment will be completed Thursday at 16 sites. August 30th is the planned rock basket retrieval date. Bug night report cards will be coming out soon. This bug night season over 3000 aquatic insects were identified, approximately 1/2 of the sampled organisms. There may be some small group ID efforts over the summer to finish up. The contract with the Saint Paul's School has not been finalized for next year's bug night; Michele continues to pursue it. Finally, bacteria levels remain elevated at the Pemi sampling location. A Goffstown angler noted what appeared to be grey water exiting a 36 inch cast iron pipe. UMLAC will continue to pursue identification of the source. The first step will be to make visual observation of potential sources and to continue our ongoing bacteria sampling effort. UMLAC voted to approve up to \$300 for DNA testing, if the testing would help ID the bacteria source. If a problem is identified, UMLAC will refer it to Rob Livingston of DES for follow up.

Projects

The proposed aboveground storage tank plans for GMI asphalt near punch brook have changed. Instead of reusing the existing storage tank, a new 15,000 gallon storage tank will be used. The new multi-compartment tank will pose less risk of a release than the previously proposed rehabilitation of the existing tank. UMLAC has no comments on the improved project approach.

The NH Veterans Cemetery in Boscawen consultant, Normandeau, responded to UMLAC's wetland comments. Steve indicated that their culvert sizing calculation may be wrong (1.2 bank full width versus 1.5 stream width). Also, UMLAC's comment about a low flow channel and the box culvert was misunderstood. UMLAC will seek clarification from Normandeau. DES took the unusual step of disagreeing with UMLAC comment #8 regarding allowing snow dumps on BMPs based on a past UNH study. The cited study looked into gravel wetlands, not this particular situation, however. Michele will consult with the UNH stormwater center to determine whether they endorse having a snow dump on porous pavement.

Amoskeag Realty submitted a shoreland permit application for an upgrade of its fire suppression system river intake and pipe (pipe size increase to 12 inches) and repair of their stormwater outlet erosion problem. The application included a waiver request. They propose to disturb 738 sq ft of shoreland and install green gabions and a "Reno" mattress. The bank will essentially be hardened with wire mesh cages filled with rocks. If live willow stakes do not become established in the green gabions, they propose to add potted plants. The gabions will be filled with a 50% rock, 50% soil mixture. UMLAC comments and questions include: 1) was the rock sizing for the gabions based on a shear stress analysis, 2) are there any case studies and pictures available for this system installed in a similar situation, 3) were other alternatives evaluated, 4) will the soil remain in the gabion or will it be scoured by the river and 5) please use wildlife friendly erosion control measures.

Coastal Bow LLC submitted an alteration of terrain application for their property located at 652 River Road in Bow. This project will involve disturbance of more than 1 million sq ft of previously disturbed land (formerly used as a gravel pit). Coastal Bow LLC will be constructing

a very large new building for their building products business. There will be approximately 30 acres of paving added with the stormwater routed to vegetative infiltration basins. UMLAC comments will include: 1) please use contractors that are involved with the Green Snow Pro program (the work will be within Bow's aquifer protection area), 2) use wildlife friendly erosion control matting, 3) elbows or hooded outlets would be desirable to trap oil and grease and 4) think about downshaded lighting (Dark Skies Program).

Miscellaneous

Allison Watts will be a guest speaker in October speaking on the use of DNA analysis for river investigations. Gary Lemay sent today a survey monkey request to gauge interest in a river canoeing event.

Summary of Assignments:

Michele	<ul style="list-style-type: none"> - Prepare August agenda. - Work on St Paul's School bug night contract. - Develop a suggested by-law revision document. - Consult with the UNH Stormwater Center on snow dumps on BMPs.
Steve	- Prepare comment letters for the reviewed projects.
Gary	- Prepare minutes.
Gary Lemay and Adrienne	- Develop proposal for canoe trip and solicit committee member input via survey monkey.
Krista	- Prepare the monthly Treasurer's report.

Minutes submitted by Gary Lynn.