

**Ammonoosuc River Local Advisory Committee (LAC) Meeting Approved Minutes**  
Haverhill, Bath, Landaff, Lisbon, Littleton, Bethlehem, Carroll, Unincorporated Places  
Wednesday, September 1, 2010

Members in Attendance: Bill Harris (Haverhill), Rick Walling (Bath), Charlie Ryan, Connie McDade (Littleton), Marilyn Johnson, Karen Pearson (Bethlehem), Joan Karpf, Leslie Bergum, Linda Dowling (Carroll)

Members Absent: Michael King (Haverhill), Errol Peters (Landaff), Steve Jesseman (Lisbon), Jessica Willis (Littleton), Michael Waddell (Gorham), John Scarinza (Jefferson)

Members of Public in Attendance: Bill Dowling (Carroll)

Guests in Attendance: Tara Bamford, North Country Council Planning Director  
Andrew Tuthill, U.S. Army Cold Regions Research and Engineering Laboratory

### **Review and Approval of Minutes**

Chairman Ryan opened the meeting at 6:05 p.m. at the Red Barn of the Rocks Estate in Bethlehem. Rick made the motion to approve the minutes, seconded by Joan. Passed.

### **Treasurer's Report** (postponed)

### **Correspondence**

1. Announcements and Letters
  - Charlie passed around the Municipal EcoLink E-bulletin for August.
  - He also provided info about the Federal Conservation Assistance funding.
2. Incoming Permit Applications
  - NHDES Shoreland Permit for Lisbon Church of the Nazarene, Lyman Rd., Lisbon application to add gravel for driveway and a parking area for 100 for proposed church. Application submitted by Thomas Smith, Land Surveying and Mapping. Members talked about salt runoff from the road, keeping the natural wetland buffer, and plan for stormwater runoff. Rick made the motion for LAC to e-mail a letter to the DES with the following concerns: (1) control of stormwater during construction and after construction (2) consider use of pervious surface for driveway and parking lot and (3) LAC receive copies of DES inspection reports. Motion was seconded by Marilyn passed. Charlie will send the letter.
  - NHDES Shoreland Permit for Palmer Group Properties as well as Alexandra Kezer and John Harris (applicants) Map 207-Lot 20.42 on Mahilyn Drive, Carroll for house, garage, and septic system. The property is located on south bank of the Ammonoosuc River adjacent to the Carroll/Bethlehem town line. Members discussed the adjacent wetland areas, the wetland perennial stream, the proposed 6' wide footpath to river, and control of standing water runoff in the application, which was submitted by Headwaters Hydrology. Motion was made by Rick and seconded by Bill to send comment to the DES about (1) control of stormwater during construction and post construction to avoid impact to wetland (2) consideration given to use of pervious surfaces (3) LAC receive

copies of DES inspection reports; motion passed. Charlie will send the e-mail letter.

- Application of Deborah Richard and Robert York of Lisbon to install house on slab was not received. Charlie will notify DES application not received.

## **Old Business**

### 1. Town Issues

- Carroll

Leslie gave update on status of Dartmouth Brook water run-off, erosion, and culvert problem.

- Bethlehem

a) Marilyn reported that the remedial work ordered by the DES on the Richard Stone property has not been done (Administrative Order No. 10-016 WD). The property is currently in foreclosure.

b) Marilyn said NHDES has approved the NCES Landfill application to expand the Trudeau Road landfill.

- Littleton

a) Charlie updated the members on the Highland Croft Project. The ZBA decision has not been made as yet; continuance of the case goes on. The PB voted not to do a rehearing; await paperwork from the Court.

b) Highland Croft Owner, Richard Gould communicated with LAC following the ZBA Hearing on August 10th in which statements by LAC and by the North Country Council were entered into testimony.

c) Leslie suggested LAC follow up on comments made during the ZBA Hearing about contaminants that make their way into the river.

d) Discussion followed about water testing for nitrates and nitrites. Bill said Woodsville does this test four times a year with cost of about \$200 quarterly.

e) Joan provided Connie with the following articles to be shared with the Littleton PB, ZBA, and other interested parties:

Planners: Blasting a Growing Problem in New Hampshire  
(The Eagle Tribune)

Regulating Drilling and Blasting Activities: Municipal Issues  
(NH Local Government Center)

Rock Blasting and Water Quality Measures that can be taken to Protect Water Quality and Mitigate Impacts by Brandon Kernen,  
(NHDES 2010 Publication)

The Role of Municipalities in Regulating Groundwater Withdrawals (Public Meeting in Conway, NH 9/14/10)

- ### 2. Leslie provided an update on the VRAP monthly testing, including total phosphorus and e.coli tests that were done at multiple stations.

## **New Business**

### 1. VRAP

Leslie reported that Ted Walsh, VRAP Manager, plans to deploy data loggers in key locations on September 2nd. Leslie will assist with putting the data loggers in and with the retrieval.

2. Rick talked about proposal for House Bill, regarding use of pesticides along the riparian buffer zone. (Sponsors, Representatives Susan Ford and Representative Suzanne Smith, Clerk of the Environment and Agricultural Committee)
3. Charlie talked about members whose terms expire in the next couple of months. Connie will provide them with the nomination form to be taken to their respective BOS for signatures to be forwarded to Laura Weit-Marcum, NHDES Acting Rivers Coordinator.

### **Adjournment of Business Portion of Meeting**

Rick made the motion to adjourn the business portion of the meeting, seconded by Marilyn. Passed. Meeting adjourned at 7:03 p.m.

### **Guest Lecture (7p.m. – 8:30 p.m.)**

Presented by Andrew Tuthill, Research Hydraulic Engineer, Ice Engineering, U.S. Army Cold Regions Research and Engineering Laboratory (CREEL), Hanover, New Hampshire

*[The following is a brief overview: a full copy of the presentation will be made available]*

Andrew Tuthill discussed ice dams that are thermally grown ice and frazil ice that forms when super cool turbulent water tiny crystals stick together. Ice dams build upstream as more and more ice comes together. Floes juxtaposition occurs when ice dams arrest and shoving occurs at the edge or in places where ice hangs down. At ice breakup, the thermal breakouts occur at weak places when mechanical forces exceed restraining forces. The National Hydrologic Prediction Service does aerial ice survey, mitigation, and advanced emergency procedures to offset pending problems. The National Weather Service prepares its forecasts and other services in collaboration with agencies like the US Geological Survey. The computer graphics showed a number of ways pre-emptive construction of ice control measures put a stop to ice dam build up, which prevent flooding and property damage. Rick provided Andrew Tuthill with information about the ice dam occurrence downstream. Connie and Charlie told him about the year in Littleton, when cars were washed down the river at ice out time.

Meeting ended at 8:30 p.m., following a question and answer period.

*Respectfully submitted by Connie McDade*

[Next Meeting Takes Place on Wednesday, October 6](#)