

Source Water Protection Committee
Approved Minutes of Meeting 7/14/08

Members present: Dave Shinnlinger, Chairman; Bob Reagan, Selectman; John Bergeron, Secretary

Meeting called to order at 7 PM by chairman Shinnlinger

This past week Dave, Bob, & John met with Alan Hanscomb of NH DOT to review potential stormwater solutions near the beach, and to review potential locations for boundary signs on Canaan Street. Several stormwater alternatives were discussed, but the most likely stormwater solution is to place buried concrete pipes and periodic catch basins along Canaan Street. DOT is preparing a sketch that would have catch basins just north of the beach driveway, in front of the museum, on the common, and in front of Brightman's. The drains would terminate in a low spot in Ritchie's field. If DOT determines this design or an alternate is feasible, discussions will be held with land owners, the selectmen, and other interested parties.

An Old Home Day booth was discussed and it was determined that we will set up outside the library Friday night and at 7 PM Bob will place the booth equipment, maps, tables, chairs, inside the basement conference room below the library. Dave will assemble one or two A-frames to display maps and other large items. Bob will open the booth at 8 AM and stay until Dave arrives around 10 AM. John will run the booth from noon until 2 or 3 PM.

Dave showed a version of the boundary sign and will work to complete some samples for the Old Home Day booth. John gave Dave the sign quote which was used in the proposal and will provide Dave with regulatory information on sign text size. John and Dave were able to speak with Fred Majewski about placing a sign on Canaan Street in front of his home. Dave will contact the Carter's and discuss sign placement on the hill south of Canaan Center.

John and Dave have completed collecting septic data from NH DES One Stop database. The next step is to examine town records, which they will do on 7/17. It is then anticipated that a trip to Concord will be needed to examine hard copies in DES files.

On 7/12 John presented a summary to the Canaan Lake Association of the DES water protection grant and shoreland rules effective 7/1/08. Information distributed is attached to these minutes.

On 7/30 John & Dave will meet to prepare material for use at the Canaan Street Lake meeting to be held 8/5 6:30 PM Humann Theatre, Cardigan Mountain School. The public is invited.

The next meeting is scheduled for August 11th at 7 PM below the library.

Meeting adjourned at 8:45 PM

Respectfully Submitted,

John Bergeron, Secretary

{Attachment to minutes: Information presented to Canaan Lake Association 7/12/08}

Water Protection Grant

In 2006 DES awarded Granite State Rural Water Association and Canaan a grant to prepare a watershed protection plan for drinking water protection. The Selectmen appointed a drinking water protection committee, and a plan was prepared to protect Canaan Street Lake Watershed.

This year, DES has awarded Canaan \$19,424 to implement some 2006 recommendations.

Tasks include:

Increased water testing and long term recommendations; work to be done by Plymouth State University.

Septic system survey to identify high risk systems and recommend solutions.

Erect watershed boundary signs on all roads entering the watershed.

Review Canaan's land and water protection plans, ordinances, regulations and recommend improvements. PSU & UVLSRPC will assist.

Educate landowners and recreational users about watershed threats and solutions.

Work is to be completed by June 2010.

{Attachment to minutes: Information presented to Canaan Lake Association 7/12/08}

Shoreland Protection Effective July 1, 2008

Applicable surface waters:

- Bear Pond
- Bryant Pond
- Canaan Street Lake
- Clark Pond
- Crystal Lake Brook Pond
- Derby Pond
- Enfield Reservoir
- Goose Pond
- Lary Pond
- Little Goose Pond
- Mirror Lake
- Mascoma River downstream of Canaan Center
- Indian River downstream of junction with Lary pond outflow
- Goose Pond Brook
- Orange Brook

Within 250 feet of the high water mark of the surface waters listed above:

- Construction, excavation, or filling requires a Shoreland Permit from NH DES.
- Subdivision requires approval from NH DES.
- Alteration of terrain permits are required at 50,000 square feet.
- No more than 20% of lot may be impervious, without remedial action.
- No establishment/expansion of salt storage yards, auto junk yards, solid waste and hazardous waste facilities.
- For new lots with on-site septic, the number of dwelling units per lot shall not exceed 1 unit per 150 feet of shoreland frontage.
- No footprint expansion for non conforming structures

Between 150 feet and 50 feet of the high water mark of the surface waters listed above:

- For lots that are ½ acre or more, the vegetation within at least 50 % of the area, exclusive of impervious surfaces, shall be maintained in an unaltered state. For smaller lots, change 50% to 25%.

Within 50 feet of the high water mark of the surface waters listed above:

- No primary structures are allowed within 50 feet.
- Tree coverage is managed with a 50-foot x 50-foot grid and points system. Tree coverage must total 50 points in each grid. 1" diameter = 1 point, 6" = 5 points, 12" = 10 points.
- Natural ground cover, including the duff layer, shall remain intact except for footpath
- No cutting or removal of vegetation below 3 feet in height (excluding lawns)
- Stumps, roots, and rocks and stumps must remain
- Pesticide or herbicide applications must be by a licensed applicator only
- Low phosphorus, slow release nitrogen fertilizer may be used between 25 and 50 feet
- Limestone only within 25 feet of water
- No accessory structure within 20 feet of water
- One dock allowed per lot, perpendicular to shore

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DES Shoreland Information Meetings

Sunday July 20 at 11:00 AM (regular meeting starts at 10:00) Canaan Meeting House, Goose Pond Lake Association, annual meeting. Canaan Lake Association members register with CLA president. He will forward count to Dave Barney by 7/14. Others contact Dave directly. No Charge.

Saturday July 26 at 9:30 AM Enfield Village School, \$15 admission, seniors free, call Cantlin Associates, 603-632-7955 to Register

Monday August 11 8:30 AM to 4 PM Meredith, register on DES website, \$30 fee.

Conservation Commission and Upper Valley Land Trust meeting

- August 5, 2008 6:30 pm Cardigan Mountain School
- Lake history & geology
- Water quality and threats
- Preservation and conservation easements