

The Watershed News

Volume XIX, Issue III

Summer 2016

A Quarterly Publication for the Ossipee Watershed Published by the Green Mountain Conservation Group

Celebrate the Watershed at Loons and Tunes August 27th

Help Celebrate the Ossipee Watershed on August 27th when Green Mountain Conservation Group presents the third annual Loons and Tunes summer music festival on the shores of the beautiful Ossipee Lake. The event will take place at Camp Calumet on Saturday, August 27 from 1 p.m. to 8 p.m. There will be music, food, boat trips and information about shared natural resources across the region.

Puckerbrush kicks off the event at 1 p.m. with their Celtic and Americana fiddle music. Following that at 2 p.m. is a taste of the islands with North Conway's own steel drum band Mango Groove. At 3 p.m. Taylor Whiteside will bring us his wonderful folk songs. Simultaneously, there will also be pontoon boat rides on the lake, educational display booths and a farmers market from 1-4 p.m. From 4-6 p.m., headliner group Sounds Clever and the Valley Horns featuring Al Hospers will play a mix of jazz, blues and rock.

Light appetizers will be available from 4-5 p.m. followed by a catered full barbecue meal at 5:30.

At 6:30 enjoy a presentation about loons by the Loon Preservation Society. (see following article.) The evening will conclude with a campfire on the beach along with quiet piano music by Rebecca Moore and local homemade ice cream.

Admission cost is \$25 for adults and \$18 for children 12 and under. This all-inclusive price includes music, pontoon boat rides, educational displays, loon talk, barbecue, campfire and ice cream. Tickets can be purchased at the GMCG office, online at GMCG.org, or by calling 603-539-1859. Tickets must be purchased in advance by Aug 23rd.

This is a family-friendly, non-alcohol event. All ages are welcomed. The event will take place rain or shine as there are also wonderful inside facilities for the festival in case of inclement weather.

The State of the Loon: Ongoing Recovery for a New Hampshire Icon

Join Squam Lakes Project Biologist Tiffany Grade for a talk on "The State of the Loon: Ongoing Recovery for a New Hampshire Icon" on August 27th at the Loons and Tunes event. (see above article.) Tiffany will speak at 6:30 and will explain work her organization, the Loon Preservation Committee (LPC) is doing to help bring back this iconic bird.

Have you ever wondered why loon chicks ride on their parents' backs? What loons are saying with those eerie calls in the night? Do loons mate for life? What threats do they face? Tiffany will describe the natural history of these amazing and beautiful birds on New Hampshire lakes, threats facing loons in New Hampshire, and LPC's work to safeguard this threatened loon population.

"I have been monitoring loons on Squam Lake for LPC since 2008. I completed a master's degree in conservation biology at the University of Wisconsin--Madison in 2011, including a thesis on the effects of lead fishing tackle mortality on New Hampshire's loon population. I was then hired full-time by LPC as their Squam Lake Project Biologist, leading up LPC's intensive research, monitoring,

management, and outreach effort on Squam to understand the causes of the declines in Squam's loon population and restore a healthy population of loons to the lake," Tiffany explained in a conversation with GMCG.

The mission of the Loon Preservation Committee is to restore and maintain a healthy population of loons throughout New Hampshire; to monitor the health and productivity of loon populations as sentinels of environmental quality; and to promote a greater understanding of loons and the natural world. Since its creation in 1975 in response to concerns about a dramatically declining loon population and the effects of human activities on loons, LPC has grown to become a leader



Photo by Kittie Wilson

among environmental organizations working to preserve a threatened species. LPC's success in protecting New Hampshire's loon population has been attributed in large part to the monitoring, research, management and educational activities of LPC staff, members, and volunteers.

The Watershed News

The Watershed News is a quarterly publication of the Green Mountain Conservation Group, a non-profit, 501(c) 3, charitable organization established in 1997 and dedicated to the preservation of the natural resources in the Ossipee Watershed. The towns of Eaton, Effingham, Freedom, Madison, Ossipee, Sandwich and Tamworth make up the boundaries of the Ossipee Watershed. This watershed includes one of the largest and deepest stratified drift aquifers in New Hampshire. GMCG also partners across the Maine border into Parsonsfield and beyond. Water does not have any political boundaries.

GMCG's purpose is twofold:

1. To provide an organizational structure for a coalition of citizens and local officials interested in identifying sensitive areas within the Watershed in need of protection;
2. To offer public educational events about conservation issues and possible solutions regarding the preservation of unique natural resources.

Through research, education, advocacy and land conservation we strive to promote an awareness and appreciation of our watershed's natural resources and encourage a commitment to protect them.

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GMCG urges protection of the Bearcamp River Peninsula

Over the years, Green Mountain Conservation Group members have followed our promotion of best management practices (BMPs) and planning for growth using natural resource based planning when it comes to large scale developments. The current proposal before the Ossipee Planning Board by Westward Shores Campground is entirely in the floodplain and could have negative impact on important water resources. Northgate Ossipee LLC owns the campground and has submitted plans to expand from 258 to 522 sites. GMCG is concerned about this expansion due to the vulnerable wetlands, shoreland and floodplain that is the Bearcamp River Delta.

The proposed development in the area known as "The Peninsula" is in the Bearcamp River floodway. According to FEMA, The floodway is the channel of a stream, plus any adjacent floodplain areas, that must be kept free of encroachment so that the 100 year flood can be carried without substantial increases in flood heights. Also according to FEMA, "Ossipee Lake has a 10% annual chance of reaching 412.2 feet" and a 1% chance of reaching 414 feet (100 year flood) which is the entire property.

There has been a lot of misinformation circulating which has added to the confusion of who is supporting the project and just how many sites will be added. GMCG has not "partnered" with anyone on this proposed expansion. As always, we are willing to listen and to share our concerns about water quality and impacts on natural resources.

Discussion of this project has also revolved around the definition of "campground" and "temporary structures." When laws like this were crafted, they were created for primitive campgrounds with tent sites and grassy pads. What do we do when "temporary structures" are "permanently" installed on pads that are 12' x 32'? Yes, we are told they will be on gravel pavers which are considered "permeable" and allow water to absorb into the ground and not run off. But some sites will be located 20 feet from the water and it is hard to guarantee that there will be no runoff or further sediment loading into Ossipee Lake. What is the best way to protect the water quality in the Lake and on the Bearcamp River?

The other concern is in regard to the hooked up septic systems. Even if the main water is turned off to most of the campground during the winter and visitors are "not allowed to use them in the winter," the septic systems will remain installed. What will happen when spring flooding occurs and these temporary structures may be lifted off their wheels for a few inches or feet? What happens when the road to the peninsula area, where 18 structures will be located, floods and the septic lines are compromised by the floodwaters and debris that comes with it? What does one say when a temporary structure is permanently installed in the floodplain? Shouldn't we all be questioning how this is going to work from a water quality perspective?

GMCG has been monitoring the water quality of the Bearcamp River and Ossipee Lake for over a decade. We have continued to be in a constant battle with declining water clarity and increased phosphorus. For years we have advocated for BMPs on any property that is eroded, or undergoing development or expansion. And we have been distributing information about the proper care of septic systems.

The proposal to expand the Westward Shores Campground to 522 sites in the floodplain and parts of the floodway is NOT good planning. This is a huge delta. The Bearcamp River floods almost every year as it receives drainage from the White Mountains and a huge land area upstream. This delta is also important recharge to the aquifer. Ossipee Lake is already under stress from over use on busy weekends and does not have adequate Marine Patrol enforcement on summer weekends. Is it good business sense to max out such a parcel and possibly harm the most important tax resource not only in Ossipee but in Freedom and Effingham?

If you have concerns about this expansion please consider writing a letter to the Ossipee Planning Board and attend a hearing on July 5th at the Ossipee Planning Board. Letters may be addressed to : Chairman "Ski" Kwiatkowski, Ossipee Planning Board, Ossipee Town Hall PO Box 67, Ossipee, NH 03814.

If you would like to review the proposed plans for this project you can find them on the GMCG website under the advocacy section.

Protecting the Ossipee Aquifer will be focus of new Committee

By Robert M. Newton &
Corey Lane

The Ossipee aquifer is the largest stratified drift aquifer in the state of New Hampshire. It provides abundant, clean, groundwater to most businesses and residents living within its boundaries. We take for granted that this resource will always be there, but continued land development poses a direct threat. It is perhaps best to visualize the nature of this threat by considering how the aquifer is recharged. Groundwater moves through aquifers from high areas of recharge to low areas of discharge.

Recharge areas are places where water enters the aquifer via infiltration through the ground. For recharge to occur there must be permeable soils and the water table must be below the land surface. Recharge is episodic. It occurs during rainstorms and snowmelt events. A major recharge event will introduce a lot of water into the aquifer and most of this will, initially, be stored as groundwater within the recharge area, as reflected by a rise in the water table. In time, this newly infiltrated water moves as groundwater flow, away from the recharge areas, through the aquifer system, towards the discharge areas.

Groundwater discharge occurs at lower elevations where the water table is at or near the land surface. Groundwater discharge occurs through seeps, springs and direct discharge to both lakes and streams. Direct discharge of groundwater to streams is called baseflow. During dry periods, all of a streams' flow is provided by groundwater entering the stream through baseflow.

Groundwater flow is controlled by gravity or simply stated; groundwater flows downhill. What this means is that the recharge areas will always be higher than the discharge areas and lakes and streams will often be in the discharge zone as they are generally the lowest places in the landscape.

Recharge areas are classified as primary, secondary or tertiary. Primary recharge areas are located directly within the area of the aquifer while secondary recharge areas are located on slopes that drain directly into the primary recharge areas. Tertiary recharge areas are areas that lie within the watershed of streams that flow into the area of the aquifer.

Primary recharge areas need to be protected, as they are the primary source of aquifer water. Any land disturbance in these areas that reduces infiltration will reduce recharge. Developments that add impermeable surfaces like roads, parking lots, even the roofs of houses will reduce recharge. Developments in these areas should be limited to residential housing on large lots with most of the land left in its natural state.

Primary recharge areas are particularly susceptible to the introduction of chemical contaminants into the aquifer. Any contaminant spilled on the ground here will quickly infiltrate and start moving through the aquifer. Groundwater flow is slow, generally less than five hundred feet per year, so it takes time for contaminants to move through the groundwater system. By the time they are detected, it is too late. Secondary recharge areas are also important. Although they do not lie directly on the aquifer, much of the water that falls on them is eventually discharged to the primary recharge area where it infiltrates. The boundary between the primary and secondary recharge areas is often the site of wetlands that serve to buffer runoff from the hillside so that it has time to infiltrate into the primary recharge area.

Tertiary recharge areas are not as important. Water from these areas moves across the aquifer as stream flow and generally doesn't have as much of a chance to infiltrate. However, there are situations, especially during dry periods, when these tributary streams can infiltrate significant quantities of water to the aquifer through direct streambed infiltration.

Continued development in the primary and secondary recharge areas of the Ossipee Aquifer increases the risk of contamination. If development continues in the way it has in the past, then we can expect a number of future contamination incidents. There are two things that can be done to minimize the risk. The first is to begin the process of creating municipal water systems in areas that are most at risk. The second is to adopt aquifer protection ordinances in all of the area towns and to create a regional groundwater protection advisory committee. With proper planning and protection of recharge areas, the area can grow and prosper into the future.

The Formation of an Ossipee Aquifer Protection Advisory Committee is essential to this area because of the permeability of the sandy soil and transmissivity of the water. The Barnes Aquifer Protection Advisory Committee (BAPAC) is a successful non regulatory committee that includes all communities that could potentially impact or be impacted by regional development. BPAC is a coalition of 4 Massachusetts communities — Easthampton, Holyoke, Southampton and Westfield and the Pioneer Valley Planning Commission which is the equivalent to the Lakes Region Planning Commission. Members work together to protect the aquifer, an important regional groundwater resource in that area. BAPAC addresses water quality issues as well as educates and advises local governments, citizen groups, and small businesses about groundwater protection and effects on the aquifer. The committee also reviews "Developments of Regional Impact" within the aquifer and provides comments to approval authorities.

As some may be aware, the proposed development of Westward Shores on Ossipee Lake is a "Development of Regional Impact" because there is potential to negatively affect the water quality of the ground and surface water in surrounding towns. Because water knows no boundaries, one town alone cannot protect this fragile resource from impacts in other towns without cross border communication and cooperation.

Still in the beginning stages, the forming Ossipee Aquifer Groundwater Protection Advisory Committee will meet roughly every other month for the next year to develop the guidelines and then determine a schedule based on what needs arise in the future. If you would like to learn more or take part in the planning process, please call Corey at 539-1859 or email clane@gmccg.org.

Funding for this project was provided in part by a Watershed Assistance Grant from the NH Department of Environmental Services with Clean Water Act Section 319 funds from the U.S. Environmental Protection Agency.

Summer Series of Outreach Events with GMCG

This summer GMCG has planned a summer series of movies and a hike. Come join Programs Coordinator, Brittany Angelo for some exciting and thought provoking documentaries with guest speakers and a guided hike through the Ossipee Watershed. Participate in the incredible beauty and vitality of the landscape you live in with these family oriented events.

Please join us on **July, 7th** at the GMCG Office at **7pm**. We will be showing a tree-hugging, polar bear saving, bicycle composting movie about how one man dragged his family to live a life of zero impact, **No Impact Man**. "For one year, Colin Beavan swore off plastic and toxins, turned off his electricity, went organic, became a bicycle nut, and tried to save the planet from environmental catastrophe while dragging his young daughter and his wife along for the ride." This is a sensational, funny, and consciousness-raising story of how they managed this in the middle of Manhattan.

After the showing, Aislinn Pluta from Global Awareness Local Action (GALA) will be leading the discussion about how someone can live a less impactful life like the one Colin did through personal experience with him. She also will be discussing Colin's new book, "How To Be Alive". Starting just after 7pm there will be s'mores, popcorn, and a fire to enjoy before, during, and after the movie, offering a great opportunity to keep the discussion going.

On **August, 4th** at Huntress House at **7pm** we will be showing **Gasland**. An urgent, cautionary and sometimes darkly comic movie that looks at the largest domestic natural gas drilling campaign in history. This campaign is currently sweeping the country by promising landowners a quick "payoff." The film describes how Josh Fox reacts to being offered \$100,000 for the natural gas drilling rights to his property in the Delaware River Basin. Join us for a closer look at how Fox traveled through 24 states to investigate the environmental effects of hydraulic fracking.

If hiking is your passion, join us for a guided hike in the Ossipee Watershed. Meet fellow outdoorsmen and enjoy a great outing and learn some new facts about the area. On **July 27th** we will hike up **Mount Katherine with Wonalancet Out Door Club** (wodc.org.) Carpool from the GMCG Office at 9:15 or meet at the Wonalancet Chapel at 10. This is a 2.5 mile round trip. Bring a lunch with you! We will enjoy a picnic at the summit and learn more about the conservation easements that GMCG holds in that area. Don't forget to bring snacks and water! Please rsvp by emailing programs@gmcg.org or call the office to sign up.

All of our summer series of events are **free and open to the public**. Check out our website at gmcg.org for a full calendar of all our events.



Loons 'n Tunes

Summer Music Festival

Family Event on Ossipee Lake

featuring

Sounds Clever

with Al Hospers

...local musicians Mango Groove, Puckerbrush & Taylor Whiteside

Location: Shores of Ossipee Lake at Camp Calumet, Freedom NH

Date: Saturday, August 27, 2016

Time: Starting at 1pm – Local Music Groups

4-6pm **Sounds Clever**

4-5pm Appetizers / 5:30pm BBQ Dinner

6:30pm Loon Preservation Center Presentation

7:00pm Sunset / Campfire / Ice Cream / Piano Music

Pontoon
Boat Rides



Local Farmers
Booths

**Purchase your tickets in advance by Aug. 23rd
for the entire event, including BBQ Dinner
\$25/Adults, \$18/Ages 12 & under**

Call the GMCG Office today at 603-539-1859 to purchase your tickets or visit gmcg.org

Rain or Shine

Ossipee Watershed Management Plan Community Forum will be June 29th

The Ossipee Watershed Management Plan is nearing the final stages of Phase 2 which includes integrating comments from Phase 1– Danforth Pond and the Lower Bays with the Ossipee Lake and Lovell River Watershed creating a plan for the community to help them protect the water quality that we all rely on.

Please join FB Environmental’s project scientists, Forrest Bell and Laura Diemer, GMCG and watershed citizens on Wednesday, June 29th at 6:30 at the Freedom Town Hall for an informative and engaging Community Forum about the Ossipee Watershed Management Plan. Community input is critical to ensure the future health of our valuable water resources.

At this event, key elements of the Ossipee Watershed Management Plan that is nearing completion will

be presented. You will learn about the water quality results from the tributary as well as Ossipee Lake and Bays testing that GMCG volunteers have been conducting for well over the past decade (more than 6,000 site visits to date.) Information will also be presented on the impact on the lake from the large surrounding watershed, how the watershed might develop in the future, and, most importantly, what watershed citizens can do over the next ten or more years to assist with water quality protection.

Over one thousand anonymous septic system surveys have also been mailed to Shoreland Zone residents around Ossipee Lake and Bays for inclusion in the final plan so keep an eye out if you live near the water!

For more information, go to gmcg.org, or call 603-539-1859.

Don’t forget to “Like us” on Facebook to keep up with what is happening around the Watershed, too!

Funding for this project was provided in part by a Watershed Assistance Grant from the NH Department of Environmental Services with Clean Water Act Section 319 funds from the U.S. Environmental Protection Agency.



Paul Ellie and Tim Otterbach collect water samples on Ossipee Lake.

A Spotlight on Ossipee Lake

By Corey Lane

Ossipee Lake is loved by many. Included here are a few facts that may be of interest. The Watershed of Ossipee Lake covers 209,595 acres, the surface area is 3,092 acres and has a 56,102 foot long shoreline. The mean depth is 27.89 feet with a maximum of 61 feet which is where volunteers collect data for analysis. Ossipee Lake has a flushing rate of 4.6 times a year compared to Berry Bay at 254 and Leavitt Bay 221 times a year. Broad Bay flushes 34.1 times a year and Lower Danforth, 36.1 which is quite a large range for a system so intimately tied together.

Lakes have a natural aging process which humans can easily speed up. What generally takes 10,000’s of years to occur in natural conditions can happen in 10’s to 100’s of years under human influence.

Lakes are classified according to their “tropic state”. “Tropic” means nutrition or growth. Ossipee Lake is still Oligotrophic meaning it is still a high quality Lake. “Oligotrophic” lakes have low nutrient concentrations and low plant growth. A “eutrophic” lake is high in nutrient concentration and plant growth. “Mesotrophic” lakes are between these two statuses. The process of lake becoming enriched with nutrients and progressing towards the eutrophic state is called



“eutrophication”. Prior to 2003, Ossipee Lake had a median phosphorus level of 6 with a current median of 7.5. This lake is just one half of one part per billion from becoming a “middle aged” lake which is why protection is essential.

Lake	Pre-2003 Median TP (ppb)	2003-2013 Median TP (ppb)	Change (ppb)	NH DES Trophic Designation	NH Water Trophic Threshold for TP (ppb)
Ossipee Lake	6.0	7.5	+1.5	Oligotrophic	8.0
Broad Bay	7.0	7.9	+0.9	Oligotrophic	8.0
Leavitt Bay	6.0	6.9	+0.9	Oligotrophic	8.0
Berry Bay	7.0	7.1	+0.1	Oligotrophic	8.0
Lower Danforth Pond	6.5	9.0	+2.5	Mesotrophic	12.0

Conservation Conversations

Editor's Note: *Conversations is intended to provide a forum for the seven towns of the Ossipee Watershed to share news of their conservation and planning activities and an opportunity to find creative solutions to challenges.*

Effingham

The Effingham Conservation Commission is currently fundraising to protect 14.83 acres on the Pine River. The lot has 800 feet of road frontage and 1100 of waterfront on the Pine River. The NH Wildlife Action Plan rates this property as 1.28 a very high value. If you are interested in making a donation or would like more information, please contact ECC Chair, Emelyn Albert, at ealbert3@roadrunner.com.

Freedom

The Freedom Conservation Commission is working on replacing and remarking the boundary lines between the town forest and the Foord property per request of DRED. In addition the commission members are updating the natural resources inventory and conducting a septic review at the town hall of all properties along waterways in the town.

Madison

During Madison Old Home week the Madison Conservation Commission will lead a community hike to the Chamberlain Ledge Tuesday August 9. Meet at the Madison Elementary School at 11am. Bring water and a bagged lunch. Also that week on Sunday August 7th, Chris Schadler, wild canid ecologist of Project Coyote VT and NH representative will give her slide presentation on coyotes at 7pm, Madison Elementary School.

Tamworth

This year Tamworth is celebrating the 250th anniversary of its founding with numerous activities and events. The Conservation Commission is joining in the celebration with three activities. One of these is a variation on the Hikin' Herons program which has been in existence for several years to encourage use of the town's trail system. This year hikers who complete all of the trails can receive a special 250th anniversary patch.

A second anniversary-related activity is a photo competition which encourages the public to submit photos of Tamworth places through the seasons. Prizes will be awarded to photos based on how well they illustrate special places, buildings, or the natural beauty of the

town. Details on both the photo competition and the Hikin's Herons patch are on Commission's web site: tamworthconservationcommission.org.

The third activity has been the creation of a timeline of historical events important to the town using the rings in a cross section of a 400 year old hemlock tree. The cross section was taken from a tree that blew down on the Bickford Trail in 1999; it was prepared by Fred Lavigne and Peter Smart. The cross section usually resides at Mead Base in Sandwich, but now it is displayed at the Cook Memorial Library along with a selection of historical dates.

The Commission and the Cook Memorial Library are sponsoring a talk by Jeffery Marts on June 8th at 7 pm at the library. Jeffrey Marts will discuss the types of wells common in our area and explore how rainwater travels through the ground into the different aquifers. He will also talk about some basic Do's and Don'ts with respect to being a good steward of the groundwater beneath your property.

Forest Society adds 261 acres on Green Mountain

The Society for the Protection of NH Forests (Forest Society) has acquired 261 acres of excellent wildlife habitat in Effingham on Green Mountain and added it to the High Watch Preserve, the conservation area that hosts three trails to Green Mountain's summit.



An old woods road makes the addition to the High Watch Preserve accessible for hunters, hikers and wildlife watchers.
Credit: Courtesy of Forest Society

“Taking into account two more adjacent Forest Society parcels and abutting lands conserved by other groups, this addition has created one single, contiguous, conserved block of 15 tracts totaling 11,519 acres, across two states—land conservation on a truly landscape scale,” said Tom Howe, senior director

of land conservation at the Forest Society. “It’s particularly great that this land links GMCG’s Green Mountain Natural Area with the rest of the large, conserved block of land on Green Mountain,” he added.

The addition has been well managed for timber and will continue as a working forest open to the public for hiking, hunting, and other pedestrian recreation. It consists of stands of younger hardwoods, white pine and pitch pine, as well as boggy wetlands and parts of Hodgdon Brook and Leavitt Brook. Both brooks eventually feed into the Ossipee River. This is the watershed for the critical Ossipee aquifer, the largest underground source of pure drinking water in the state.

“The project was successful thanks to individual donors and former landowner Patrick Marks, who generously agreed to sell the land for far below its market value,” Howe said.

Save the Date! 2016 Summer Calendar

June 29th Watershed Management Plan Phase 2 Community Forum Please join GMCG, FB Environmental Associates, the New Hampshire Department of Environmental Services and other Ossipee Lake watershed citizens for an interactive forum on the health of Ossipee Lake and its watershed. We are seeking your valuable input as we reach the final stages of the Ossipee Lake Watershed Management Plan process. The forum will be held on Wednesday, June 29th at 6:30 at the Freedom Town Hall. Please contact Corey at 539-1859 or email clane@gmccg.org for more information.

Thursday July 7th at 7pm No Impact Man Please join us at the GMCG office for a tree-hugging, polar bear saving, bicycle composting movie about how one man dragged his family to live a life of zero impact. This is a sensational, funny, and consciousness-raising story of how they managed this in the middle of Manhattan. After the showing, Aislinn Pluta from Global Awareness Local Action (GALA) will be leading the discussion about how someone can live a less impactful life like the one Colin did through personal experience with him. Starting just after 7pm there will be s'mores, popcorn, and a fire to enjoy before, during, and after the movie, offering a great opportunity to keep the discussion going.

Wednesday July 20th 7-9 pm Conservation Options & Tax Benefits for NH Landowners Come learn how you can conserve your land permanently for scenic enjoyment, wildlife, farming, forestry, and/or recreation. Tom Howe, Senior Director of Land Conservation at the Forest Society, will discuss how to set up a permanent conservation agreement ("conservation easement") for land you continue to own, and might want to convey outright ownership of your land. Tom will help you figure out which conservation group to work with and the steps you need to take. Finally, you'll leave with ideas and written materials to help you leave your mark on the landscape. Open to the public. Suggested donation of \$10/person. Freedom Village Store, Freedom, NH. Co-Sponsors: Green Mountain Conservation Group & Society for the Protection of NH Forests

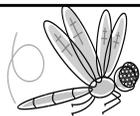
Monday July 25th Hike up Mt. Katherine with the Wonalancet Out Door Club Come join GMCG and WODC for a guided hike starting at the Wonalancet Chapel. This is about a 2.5 mile round trip with a great view and picnic at the top. We will be talking about the conservation easements that GMCG holds in the area. Come learn more and meet fellow outdoorsmen. Carpool from the GMCG office at 9:15 or meet at the Chapel at 10am.

Thursday August 8th at 7pm Gasland You are invited to the GMCG office for the last of our summer movies. Gasland is a urgent, cautionary and sometimes darkly comic that looks at the largest domestic natural gas drilling campaign in history, which is currently sweeping the county by promising landowners a quick payoff." This film describes how Josh Fox reacts to being offered \$100,000 for the natural gas drilling rights to his property in the Delaware River Basin. Join us for a closer look at how Fox traveled through 24 states to investigate the environmental effects of hydraulic fracking. What he uncovers is mind-boggling.

Thursday August 11th Volunteer BBQ 5 pm: GMCG invites all Board, Committee, WQM, and special projects volunteers and GMCG supporters to the annual volunteerism party at the GMCG Office. Help us celebrate all the hard work you put in for this organization. Bring yourselves and a chair. GMCG will provide the BBQ and plenty of conversation about the summer's successful projects. Please RSVP to Brittany at programs@gmccg.org and let us know you are coming!

Tuesday August 16th VBAP training with Judy Tumosa to help train new and returning volunteers and teachers how to educate the local youth about Volunteer Biological Assessment Program for the fall session. Call Brittany 539-1859 for more information.

Saturday August 27th 1pm-8pm Summer Music Festival "Loons and Tunes" at Camp Calumet in West Ossipee. Family friendly fun event. A selection of local music and local produce will be available. There will also be Pontoon boat tours of Ossipee Lake and a presentation on Loon Habitat by the Loon Preservation Association.



PLEASE!!!! RENEW YOUR MEMBERSHIP TODAY!

Your Membership Makes a Difference.

Every drop counts! Thank you!

(Please make checks payable to Green Mountain Conservation Group Box 95, Effingham, NH 03882)

You may also renew your membership online at www.gmccg.org/we-need-your-help/

Vernal Pool__\$25 **Stream**__\$50 **River**__\$75 **Pond**__\$100 **Bay**__\$250 **Lake**__\$500 **Aquifer**__\$1000 **Other**__

NAME_____

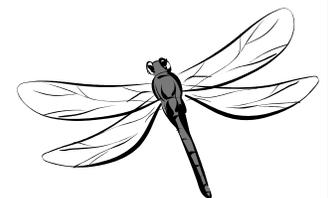
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PHONE_____ **EMAIL**_____

Are you interested in being a GMCG Volunteer? YES

PLEASE RENEW YOUR MEMBERSHIP TODAY and encourage your family, friends and neighbors to join GMCG. GMCG is a non-profit 501 (C)3 tax-exempt organization funded by grants, memberships, and donations.

THANK YOU FOR YOUR CONTINUED SUPPORT!





P.O. Box 95
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info@gmcg.org

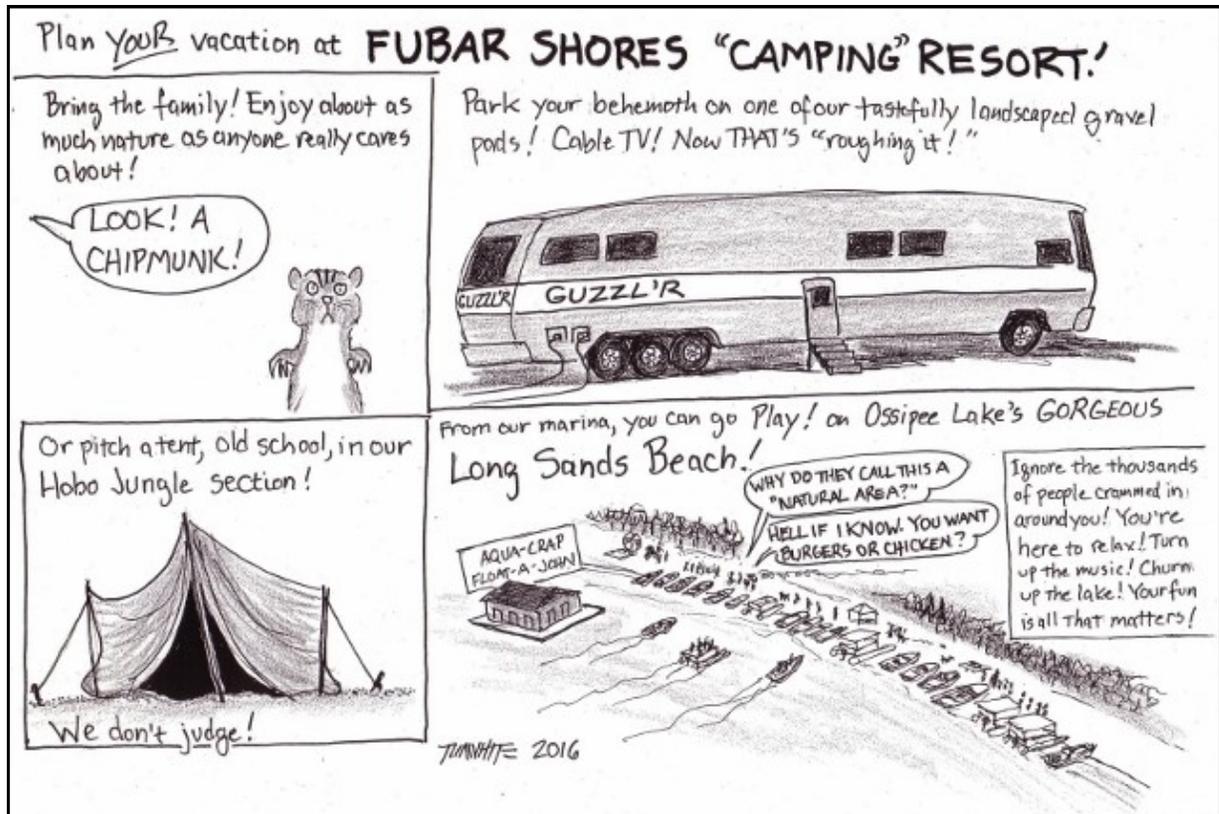
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Effingham, NH
Permit No. 10

The Watershed News

SAVE THE DATE!
August 27 1-8 pm
Ossipee Lake
LOONS & TUNES

Autumn Newsletter
submissions due September 10

EVERY PERSON CAN MAKE A DIFFERENCE AND EACH PERSON SHOULD TRY.



Sign up for event updates with *Watershed Happenings* and stay in the flow! Sign-up at www.gmcg.org