

Emerald Lake Village District



2010 Report

2010 ANNUAL REPORT INDEX



2010 Annual Meeting Minutes	9
Administrator's Report	7
Audit	31
Bonded Debt Statement	24
Budget	17
Commissioner's Report	5
District Officers/Directory	3
ELVD Owned Property List	29
Expense Report	22
General Fund Balance Sheet	25
Tax Rate Setting	26
Treasurer's Report	28
Trust Funds	24
Warrant	15
Water System Balance Sheet	27
Water System Expense & Revenue Summary	27
Water System Quality Report	35

**Photos courtesy of Karen E. Booth Photography



DISTRICT OFFICERS

Moderator

Robert Burton - Resigned

Commissioners

Robert Hutchinson, Chairman – 2013

Troy Cornock – 2012

Denise DeForest – 2011

Administrator

James Coffey

Clerk

Patricia Stefanelli - 2011

Treasurer

Susan Hutchinson – 2011

DIRECTORY

Emerald Lake Village District

PO Box 2217

Hillsboro, NH 03244

Office Telephone: 603-464-3128

Office Fax: 603-464-4132

OFFICE HOURS are 6:30pm – 8:00pm Monday & Wednesday of each week.

The office is located at 5 West Main Street, Hillsborough, NH 03244

The entrance is between German John's Bakery and Central Emporium.

Robert Hutchinson-Commissioner

603-464-4064 / Email starbright54@comcast.net

Troy Cornock-Commissioner

603-464-3634

Denise DeForest-Commissioner

603-464-2806

Susan Hutchinson-Treasurer/Secretary

603-464-4064 / Email starbright54@comcast.net

Jim Coffey-District Administrator

Admin-elvd@comcast.net



***District Reports
and
2010 Annual
Meeting Minutes***

COMMISSIONER'S REPORT

In 2010, we had a positive side to your water. We did leak detection on the distribution system. This was a \$4,000.00 grant from the State Department of Environmental Services, Bob Hutchinson and Don Keller of Heath Consultants from Holliston Mass.

We walked every road in the District checking all lines, curb stops at every home and all curb boxes on the roads, looking for potential problems. There were two curb stops in resident's yards that were changed out and fixed. There were also two places that the distribution lines were bad and were fixed, and on a curb box that was fixed also.

A 4" transmission line was installed in 2006, and was not hooked up because the District had no money to finish the project. In October and November 2010 we did hook up this main which runs from Moccasin Trail to Sunrise and up to Turtle Bridge Crossing and five homes on Gould Pond Rd. A total of seventeen homes are now hooked up to this line.

We also had a partial lift of the water ban. We call this "forgiveness for the users". We had hoped to go to Columbus Day weekend but due to a dry summer, we had to stop it on Labor Day Weekend. We would like to thank you all for your part in water conservation. We would also like to thank Water Systems Operators from Henniker who monitor this system daily and help us to treat your water and make it safe to drink for all. We would also like to thank Granite State Rural Water whom has given us the expertise on pump tests and general advice for your water system.



We did have three homes freeze up this winter, two of these houses are bank owned. The other is a seasonal home on Old Lantern Rd, which has approximately 40,000 gallons frozen in the cellar.

Average water usage last summer, when most of the homes were full, was around 57,600 gallons per day.

When I came into office in 2007, the average usage was around 90,000 to 100,000 gallons a day. This was not all usage but also for the amount of leaks in homes and roads. In 2007, the ten wells were producing only 60 gallons a minute. With all your help, by calling about leaks and doing leak detection, we are now around 103 gallons a minute. Thank you all for doing your part.

Our plans for 2011 as far as the water side goes. In 2003-2004 the meetinghouse well had a piece of ledge shift and cut the well casing. In order to draw water the pump had to be brought up above the break. This well is permitted for 50 gallons per minute. As it stands now this well can only produce 11 gallons per minute. At the District meeting in February, the board voted 3-0 to go ahead and have a well company drill down through this void so that we can get the recommended amount of gallons per minute that this well is permitted for. If all goes well we will then be getting 53 gallons per minute. In addition, the Hummingbird Well is permitted for 35 gallons a minute and is only producing 19 gallons per minute. This pump has been in this well for around 15 years and should be replaced. This will give us another 16 gallons per minute, which would put us at 35 gallons per minute. The total gallons per minute recommended by the State for the district are 170 gallons a

minute per day. With all wells running to their capability, this will give the District 188 gallons per minute, which will be a total for all wells 270,720 gallons per day. Your pump run time will be about 3-4 hours per day, which will be a savings in electricity and well maintenance. Then the water ban could be lifted. Thank you all for doing your part.

Emerald Lake Beaches

Beach #1, which is located where the old meeting house/treatment center is ready to go. Bob Hutchinson and two men, Mike Mohan and Kevin Erickson worked on it in the fall of 2010. There was 16 yards of beach sand spread and all brush was cleaned to make this a beach again. The boundaries for this beach are from the big spruce tree to the Fence that runs along the beach.

All we ask is two things:

1. Please do not park on the side next to the treatment center.
2. Please respect the few members that are still part of the ELPOA Organization.

There was a beach meeting on June 21, 2010 at Eastman Park held by the Community Members about Vandalism. Since the meeting, and with the new signs put in place, these acts seem to have mellowed out considerably. I personally want to thank you all for your support and for doing your part to make these beaches a safe place for our families.

We would like to thank you all for making these beaches clean and safe for all. Please bag diapers in plastic bags and do not put them in the porta-johns. I clean them every day and this will make the job much easier.

Looking forward to another great summer.

Respectfully submitted,

Robert Hutchinson, Chairman

ADMINISTRATOR'S REPORT

The year 2010 has set the stage for some real improvements for the Emerald Lake Village District. The 2010 Annual Meeting approved matching funds for a hazard mitigation grant to replace the Hummingbird Bridge at the outflow of the pond, and it also authorized a bond issue to reconstruct the most important parts of our water distribution system. These two projects will be very beneficial when complete, and will greatly improve the quality of life for all the residents.



The Hummingbird Bridge Project, aptly named Project Somewhere, should begin this spring as soon as it gets final approval by the Governor and Council. We will need to make a final selection for an engineer to oversee the final design and provide inspections during construction. Our environmental permits have been approved and will only need a final review. All necessary easements were setup by Commissioner Hutchinson several years ago. This bridge will significantly reduce the potential for flooding, as we experienced in 2005 and 2007, and will allow for the return of the school bus to be able to make a loop around the lake. The

esthetics of the area will also improve with the new bridge, and help to make very positive statement about the District. In providing the grant, FEMA has estimated the total cost at \$381,133, with \$285,850 being provided by FEMA and \$95,283 being our local match. The local match has already been raised in your 2010 taxes, which was the reason for the increase. It is our goal to bring this project in well under budget, based on our early estimates during the preparation of the grant application.

The bond issue to reconstruct the main parts of the water distribution system and provide meters is presently on hold due to State and Rural Development funding problems. It is our understanding that the State failed to raise the necessary matching funds to get the necessary Federal funds to provide assistance through DES to be able to provide a thirty percent match. Rural Development also is short on funding for these types of projects. The bonding authority you approved lasts for a number of years and it would be foolish to proceed at the present time unless we are in a dire situation, which we are not. The leak detection work done through a grant and from timely observations by everybody has resulted in the district having a more than ample supply of water to be meet our present needs. Somehow fixing the leaks got us more water out of the faucet. We are now looking at fixing an existing well that would bring us very close to our future target. The use of meters would assign charges based more on use and would help with water conservation. Although we have a modest capital reserve fund for this, the needed funding is in the bond approval. During 2010 we “found” a new section of water main in the ground that was never utilized. We now have seventeen homes on it and the old main retired. This work was the result of a new practice of budgeting for modest capital improvements each year when replacement makes more sense than attempting a repair. We have done this for both roads and water.

In May of 2008 the late Paul Haley pushed for an update to the Hillsborough Master Plan for Emerald Lake. During the latter part of 2010 the update for the Emerald Lake section was completed. Although the origins of the plan might be suspect to some, including myself, the Hillsborough Planning Board should have a detailed section of the Town's Master Plan devoted to the Emerald Lake Zoning District, for Town responsibilities. When we meet during October with the Planning Board we offered several suggestions, some of which they were able to incorporate. During that meeting we explained how we think that growth might be controlled in

the district through strict enforcement of existing town codes relating to house size and septic capacity. We look forward to working with the Town's Planning Board.

To accomplish better cooperation in the area of planning there is an article on the 2011 warrant to create a planning board for the District. This proposed planning board would allow the District to create a Capital Improvement Plan, implement Impact Fees and compliment the Town's Planning Board. Since there are two municipal corporations, Town and District, that serve us, we need make sure that both are serving the interest of the residents. We ask for your support for the article creating the Emerald Lake Village District Planning Board. We have been informed that the Hillsborough Planning Board also supports this effort.

As we look ahead toward the future, we should also plan for an office and meeting room that is within the District. During 2011 it is my goal to have the Commissioners establish a committee to look into this and provide us with some choices to meet that goal.

The District's accounts have been professionally audited since 2007 and for 2010 they will also be audited. Our accounting system can provide us with the necessary reports to answer all our needs and any questions that the public may have. Our balance sheet for both the General Fund and the Water Fund are healthy and can be found in the financial report.

It has been a rewarding experience to serve the citizens of the Emerald lake Village District, which comprises about twenty two percent of the Hillsborough property tax base. My special thanks to Chairman Bob Hutchinson, Commissioners Denise DeForest and Troy Cornock, Clerk Tricia Stefanelli and Treasurer Susan Hutchinson. Not to be forgotten is David Stefanelli who does our web site and the many other folks who volunteer throughout the year.

Sincerely,

James Coffey, Administrator

2010 ANNUAL MEETING MINUTES

Saturday, March 20, 2010

To the inhabitants of Emerald Lake Village District, in the town of Hillsboro, in the County of Hillsborough and the State of New Hampshire, who are qualified to vote on District affairs, here follows the 2010 Annual Meeting Minutes.

Voting polls were located at the Hillsboro-Deering Elementary School, Hillcat Drive, Hillsboro, NH 03244.

Moderator Robert Burton declared polls open at 10:00a.m. The polls were closed by Moderator Robert Burton at 12:00 p.m.

The meeting opened at 1:00p.m. with Moderator Robert Burton announcing the results of the voting for the Emerald Lake Village District Board.

Commissioner (3 year term) Bob Hutchinson-46 votes. Ran unopposed.

Secretary/Treasurer (1 year term) Sue Hutchinson-43 votes. Lisa Lenart-1 vote. Denise DeForest 1 vote.

Moderator (1 year term) Robert Burton-40 votes. Rich Netto-2 votes. Jim Coffey 1 vote. Karen Booth-3 votes and Ray Stankunas 1 vote.

District Clerk (1 year term) Tricia Stefanelli-46 votes. Ran unopposed.

Robert Burton asked permission for District Administrator Jim Coffey and Jenna Rzasa from Tata and Howard our water systems engineers to speak. Permission was granted.

Article 1. To choose one Commissioner for three years, one Moderator for one year, one Clerk for one year and one Treasurer for one year. (To Be Voted On By the Official Ballot)

No questions. No discussion. Article #1 Passed.

Article 2. To see if the Village District will vote to raise and appropriate the sum of Eight Hundred Thousand Dollars (\$800,000) (gross budget) for the construction of new water mains, and other directly related activities as recommended in the 2009 Water System Master Plan, involving Patten Hill Road, Pine Glen Road, Gould Pond Road and other streets; and to borrow in the name of the municipality by issuance of serial notes or bonds, in accordance with the provisions of the Municipal Finance Act (RSA Chapter 32) a sum not to exceed \$800,000 for the purpose of defraying the cost of the foregoing, and to authorize the district's officials to issue and negotiate such bonds or notes and to determine the rate of interest thereon. Explanation: This appropriation is for the most critical part of the needed improvements to the water distribution system. Various grants are presently being pursued to reduce costs to the users. **A two-thirds majority vote is required. Recommended by the Board of Commissioners.**

Article #2 Passed. 36 Yes. 7 No.

Moderator Robert Burton asked for a motioned for Article #2 to be accepted as read.

A motion to accept the article as read came from the floor and Commissioner Denise DeForest seconded the motion. Commissioner Bob Hutchinson then moved to amend the amount of Article #2 from \$800,000.00 to \$2,400,000.00. Commissioner Denise DeForest seconded the motion.

Administrator Jim Coffey and Project engineer Jenna Rzasz were asked by the Commissioners to explain the Article, and the need to amend the amount.

DISCUSSION: Jim said the original Article asked for \$800,000.00 which would require a second appropriation to do the project in two phases. Asking for the Article to read 2.4 million dollars instead would allow us to possibly receive for more State Aid by ranking higher in their point scoring. He said the bigger the project the more aid you receive. Also, we are 8th on the State list for aid. Jim said we wouldn't notice an increase in our water bill for at least two years. He also said we wouldn't start the project unless we get at least 30% of the costs in grants. He also said 30% is most likely the worst case scenario and that we could probably do better. Jenna Rzasz said we have a State Revolving Fund application with DES (Department of Environmental Services). She said the more components we have in our application, pumps, meters etc. Maximize our "green points". The State takes into consideration the median income of Hillsboro. She said verbally we have received some favorable information. Increasing the project to 2.4 million dollars would allow us to do the project as a whole.

Resident Martha Caron asked about the relationship between the two amounts as written. Jenna explained all areas listed in the article plus Moccasin Trail, Rabbit Path, Turtle Bridge Crossing and Sunrise Place would also be included in the project. Martha then asked how voting on the 2.4 million dollars would affect the tax rate. Jim Coffey said the tax rate would not be affected as this is a water project and it affects the water fund only. He said right now we have 529 billable customers. Taking this into consideration that breaks down to \$3,175.80 per customer over a 20 year period, resulting in about \$158.79 per year. He also said the cost for repairing water lines each year is costly. In 2008 the District paid \$36,634.28 in repairs and in 2009 about \$23,000.00 or \$24,000.00. You wouldn't have these costs with a new system. He also said the residents wouldn't start paying for this system until we get the money and aid from the State. He estimates we'd start paying in about two years.

Resident Keith Huber said at the Budget hearing we were told we would have maps, etc. to view at the Annual Meeting. He said according to the numbers in the budget report asking for 2.4 million dollars is 40% more. Where does this total come from and do we have graphs to look at. Jenna Rzasz explained the meters totaling \$600,000.00 were added to the total. This is all part of the Water Master Plan required by DES.

Resident Roger Boisvert asked if this project would improve the quality of the water. Joe D'Amore of Water Systems Operators was asked by Commissioner Bob Hutchinson to answer the question. Joe said there is nothing wrong with the water quality. With this new system you are less likely to run out of water. He also said with the new system you would have better water flow which would maintain the water quality.

Roger then asked about the longevity of the project. Jenna Rzasz said the life expectancy is 50 to 100 years. She said the size of the piping, the materials used and the soils surrounding the lines are all factors. We want to replace lines not rehab them. Jim Coffey said having this loop around the lake will increase the quantity of water.

Resident Dick Baldwin asked if we were replacing the \$800,000.00 with the 2.4 million.

Treasurer Sue Hutchinson said we will not start any project unless we have the money first. She said the State of New Hampshire may jump in and take over the project if we don't act on our own and they are estimating a

2.7 million dollar cost. She also said approving this new amount will save us from asking for more money next year. She also said DES is requiring us to install meters in the next five years.

Resident David Stefanelli asked what the State would do vs. our plan. He asked if the board could elaborate on this.

Jenna Rzasa said in the Master Plan meters are a condition on any new wells. She backed up Sue Hutchinson's comment that DES does require meters in the next five years.

Jim Coffey said now is a good time for act on this project as you can get some good bids [from contractors] now.

Resident Nan McCarthy asked if we would be paying \$700.00 a year for water plus meters. Jim Coffey answered no. He said the increase projected would be for the present billing system. When the meters are in use customers would be charged a base rate plus a usage fee. We would have to go through at least a one year cycle to determine the base rate. Jim said there will be public hearings on this issue when the time comes.

Resident Dick Baldwin asked if we could move to question the Article.

A discussion between the moderator, the board and the residents regarding amending procedures took place.

It was then explained that the vote to be taken was on the motion to amend the article from \$800,000 to \$2,400,000. A yes vote means that article 2 now has a new value but has not been voted on. A no vote would mean Article 2 remains unchanged. The moderator asked if there was any discussion on moving the question and there was none. The motion to amend was approved by voice vote.

After the discussion and decision to amend the article was made the amount in Article #1 was now reading 2.4 million dollars.

Resident Linda Caruso asked if the meters on homes would come out of pocket or be funded. Commissioner Troy Cornock answered it would come out of the meter fund.

Resident Dennis Giakoumis asked how this new system will stand up to future building. Jim Coffey said as long as building is done in proper areas it should have no effect.

Moderator Robert Burton asked if there was any more discussion. There was none and he explained the ballot procedure and announced that the polls will be open for the vote on Article #2 and would remain open for one hour.

Article 3. To hear the reports of the Village District Officers, Auditors, Agents, Committees or other officers heretofore chosen or appointed; or to take any other action in relation thereto. **Majority vote required.**

Moderator Robert Burton read Article #3 to be accepted as read. Motion to accept article 3 by Commissioner Denise DeForest.

Motion seconded by Commissioner Troy Cornock.

Jim Coffey wanted to let people know ahead of time there was a mistake on Article #5. 2009 should read 2010.

No questions No discussion. Article #3 Passed.

Article 4. To see if the Village District will vote to raise and appropriate the sum of One Hundred and sixty-eight Thousand, Two Hundred and fifty-seven Dollars (\$168,257) for the operating expenses of the district including General Government, Streets, Bridges and Recreation, Debt Service, Operating Transfers Out and all other current expenses of the district. **Majority vote required.** Commissioner Denise DeForest moved Article #4 to be accepted as read. Motion seconded by Commissioner Troy Cornock. **No questions. No discussion. Article #4 Passed.**

Article 5. To see if the Village District will vote to raise and appropriate the sum of Two Hundred and seventeen Thousand, Six Hundred and sixty-one Dollars (\$217,661) for the purpose of operating the Water Department during 2009; said funds to be offset by the income to the Water Department of an equal amount. **Majority vote required.**

Commissioner Denise DeForest moved Article #5 to be accepted as read. Motion seconded by Commissioner Troy Cornock. **No questions. No discussion. Article #5 passed.**

Resident Dick Baldwin asked that the Moderator make a decision as to whether we should raise hands or have a voice vote. The Moderator said a show of hands.

Article 6. To see if the Village District will vote to raise and appropriate the sum of Twenty Thousand Dollars (\$20,000) for the purpose of making capital improvement to the water distribution and other components of the water system as required; said funds to be offset by the income to the Water Department of an equal amount. **Majority vote required.**

Commissioner Denise DeForest moved Article #6 to be accepted as read. Commissioner Troy Cornock seconded the motion. **No questions. No discussion. Article #6 Passed.**

Article 7. To see if the Village District will vote to raise and appropriate the sum of Two Hundred and Fifty Thousand (\$250,000) for the purpose of replacing the bridge at the outflow of Gould Pond over Sand Brook. Said funds to come from a \$150,000 FEMA Hazard Mitigation Grant, Fifty Thousand from the 2009 Undesignated Fund Balance and Fifty Thousand from General Taxation. This will be a non-lapsing appropriation per RSA 32:7, VI and will not lapse until the bridge is completed or by December 31, 2012, whichever is sooner. **Recommended by the Board of Commissioners. Majority vote required.**

Commissioner Denise DeForest moved Article #7 to be accepted as read. Commissioner Troy Cornock seconded the motion.

DISSCUSSION:

Jim Coffey explained the new bridge would be a box culvert with three or four times the water flow than we have now. FEMA has come to the look at the bridge. Commissioner Bob Hutchinson and Jim have attended classes and seminars this past year concerning bridge loans and funds. Jim explained that the District has applied for a \$150,000.00 FEMA grant. The funds would come from areas listed in the Article.

Resident Martha Caron asked why the Gould Pond Bridge is in this article. Jim said it's the Gould Pond outflow not the bridge itself. **Article #7 Passed.**

At 2:42 p.m., Moderator Robert Burton announced the voting results of Article #2.

This article was a ballot vote with 2/3 majority required. **Voting results were 36 Yes. 7 No. Article #2 Passed.**

At 2:45 p.m., Moderator asked for a motion adjourn the Emerald Lake Village District Annual Meeting. Commissioner Denise DeForest moved to adjourn the meeting.

Commissioner Troy Cornock seconded the motion.

The motion passed.

Respectfully Submitted,

Patricia Stefanelli
District Clerk



2011 Warrant & District Budget

EMERALD LAKE VILLAGE DISTRICT WARRANT

To the Inhabitants of the Emerald Lake Village District, located within the Town of Hillsborough, County of Hillsborough in said State, qualified to vote in District affairs:

You are hereby notified to meet in the Hillsboro-Deering High School School Cafeteria, located on Hillcat Drive, Hillsborough, NH on Saturday, the 9th day of April, 2011, at ten o'clock in the forenoon. Balloting on Article One, election of officers will take place between ten o'clock and twelve o'clock in the afternoon. Articles Two through Ten will begin at 12:30 P.M., at the same location.

Article 1. To choose one Commissioner for three years, one Moderator for one year, one clerk for one year and one treasurer for one year. (To Be Voted On By The Official Ballot)

Article 2. To hear the reports of the Village District Officers, Auditors, Agents, Committees or other officers heretofore chosen or appointed; or to take any other action in relation thereto. Majority vote required

Article 3. To see if the Village District will vote to raise and appropriate the sum of **One Hundred and sixty-five Thousand, Two Hundred and seven Dollars (\$165,207)** for the operating expenses of the district including General Government, Streets, Bridges and Recreation, Debt Service, Operating Transfers Out and all other current expenses of the district. Majority vote required.

Article 4. To see if the Village District will vote to raise and appropriate the sum of **Fifteen Thousand Dollars (\$15,000)** for the purpose of making capital improvement to the District's road network. Majority vote required.

Article 5. To see if the Village District will vote to raise and appropriate the sum of **Two Hundred and twenty-six Thousand, Seven Hundred and ninety Dollars (\$226,790)** for the purpose of operating the Water Department during 2011; said funds to be offset by the income to the Water Department of an equal amount. Majority vote required.

Article 6. To see if the Village District will vote to raise and appropriate the sum of **Twenty-two Thousand Dollars (\$22,000)** for the purpose of making capital improvement to the water distribution and other components of the water system as required; said funds to be offset by the income to the Water Department of an equal amount. Majority vote required.

Article 7. To see if the Village District will vote to raise and appropriate the sum of **Five Thousand Dollars (\$5,000)** for the purpose of purchasing and installing emergency power generators for the water system. Majority vote required.

Article 8. To see if the Village District will vote to establish a Planning Board as authorized by RSA 673:1 and further defined by RSA 673:2 III. Said Planning Board shall consist of one district commissioner or administrative official of that district as an ex officio member; and 4 other persons who are residents of the village district, appointed by the Board of Commissioners. Majority vote required.

Article 9. To see if the Village District will vote to raise and appropriate the sum of **Seven Thousand Dollars (\$7,000)** for dredging and restoring the inlet to Gould Pond, and all associated engineering and permitting costs. Majority vote required. Recommended by the Board of Commissioners This is a special two year non-lapsing article as defined by RSA 32:57 VI.

Article 10. To see if the Village District will vote to raise and appropriate the sum of **Fifteen Thousand (\$15,000)** Dollars for the purpose of installing the flow-meters, pump techs and move all well pump electrical into the building as required; said funds to be offset by the income to the Water Department of an equal amount. Majority vote required. Recommended by the Board of Commissioners This is a special two year non-lapsing article as defined by RSA 32:57 VI.

Given under our hands and seal this 2nd day of February in the year of our Lord, Two Thousand and Eleven.

Robert Hutchinson, Chairman
Troy Cornock
Denise DeForest
Commissioners of the Emerald Lake Village District

BUDGET OF EMERALD LAKE VILLAGE DISTRICT

Acct. #	Purpose of Appropriations	Warrant Article	Appropriations Prior Year Approved by DRA	Actual Expenditures Prior Year	Appropriations Ensuing FY (Recommended)
General Government					
4130-4139	Executive	3	\$36,357.00	\$24,347.51	\$30,907.00
4150-4151	Financial Administration	3	\$10,500.00	\$10,500.00	\$10,500.00
4153	Legal Expenses	3	\$6,250.00	\$1,005.00	\$4,000.00
4155-4159	Personnel Administration				
4194	General Government Bldgs.	5	\$3,750.00	\$600.00	\$8,000.00
4196	Insurance		\$6,200.00	\$5,971.29	\$6,300.00
4197	Advertising & Regional Assoc.	3			
4199	Other General Government	5	\$200.00	\$75.00	\$150.00
Public Safety					
4210-4214	Police				
4215-4219	Ambulance				
4220-4229	Fire				
4290-4298	Emergency Management				
4299	Other Public Safety				
Highways & Streets					
4311-4312	Admin., Highways & Streets	3	\$83,500.00	\$75,573.94	\$89,500.00
4313	Bridges	3	\$2,300.00	\$0.00	\$1,000.00
4316	Street Lighting				
4319	Other				
Sanitation					
4321-4323	Admin. & Solid Waste Collection				
4324	Solid Waste Disposal				
4325	Solid Waste Clean-up				
4326-4329	Sewage Coll. & Disposal & Other				

Acct. #	Purpose of Appropriations	Warrant Article	Appropriations Prior Year Approved by DRA	Actual Expenditures Prior Year	Appropriations Ensuing FY (Recommended)
Water Distribution & Treatment					
4331	Administration	5			
4332	Water Services	5	\$150,240.00	\$128,503.84	\$156,640.00
4335	Water Treatment	5			
4338-4339	Water Conservation & Other	5			
Health					
4411-4414	Administration & Pest Control				
Culture & Recreation					
4520-4529	Parks & Recreation	3	\$4,250.00	\$3,316.92	\$4,300.00
4589	Other Cultural & Recreation				
Debt Service					
4711	Princ.-Long Term Bonds & Notes	3 & 5	\$51,000.00	\$49,740.76	\$51,500.00
4721	Interest-Long Term Bonds & Notes	3 & 5	\$31,270.00	\$31,086.01	\$30,600.00
4723	Int. on Tax Anticipation Notes	3	\$101.00	\$0.00	\$101.00
4790-4799	Other Debt Service				
Capital Outlay					
4901	Land & Improvements				
4902	Machinery, Vehicles & Equipment				
4903	Buildings				
4909	Improvements Other than Bldgs				
Operating Transfers Out					
4912	To Special Revenue Fund				
4913	To Capital Projects Fund				
4914	To Proprietary Fund				
4915	To Capital Reserve Fund				
4916	To Trust & Agency Funds				
Operating Budget Subtotal			\$385,918.00	\$330,720.27	\$391,997.00

SPECIAL WARRANT ARTICLES

Acct. #	Purpose of Appropriations	Warrant Article	Appropriations Prior Year Approved by DRA	Actual Expenditures Prior Year	Appropriations Ensuing FY (Recommended)
4915	To Capital Reserve Fund				
4916	To Trust and Agency Funds				
4902	2010 Water Distribution		\$2,400,000.00	\$0.00	\$0.00
4909	Bridge Replacement		\$250,000.00	\$0.00	\$0.00
	Dredge and Repair Inlet	9	\$0.00	\$0.00	\$7,000.00
	Water System Pumphouse Equip.	10	\$0.00	\$0.00	\$15,000.00
Special Articles Recommended			\$2,650,000.00		\$22,000.00

INDIVIDUAL WARRANT ARTICLES

Acct. #	Purpose of Appropriations	Warrant Article	Appropriations Prior Year Approved by DRA	Actual Expenditures Prior Year	Appropriations Ensuing FY (Recommended)
4902	Well & Distribution	6	\$20,000.00	\$15,000.00	\$22,000.00
	Generators	7	\$0.00		\$5,000.00
4909	Road Improvement Plan	4	\$0.00		\$15,000.00
Individual Articles Recommended			\$20,000.00		\$42,000.00

SOURCES OF REVENUE

Acct. #	Source of Revenue	Warrant Article	Estimated Revenues Prior Year	Actual Revenues Prior Year	Estimated Revenues Ensuing Year
Taxes					
3190	Interest & Penalties on Delinquent Taxes		\$1,100.00	\$1,060.19	\$1,000.00
3311-3319	From Federal Government				
From State					
3351	Shared Revenues				
3354	Water Pollution Grant				
3359	Other (Including Railroad Tax)(Bridge)		\$150,000.00	\$1,785.60	\$1,200.00
3379	From Other Governments				

Charges for Services					
3401	Income from Departments		\$237,661.00	\$4,600.94	
3402	Water Supply System Charges			\$287,813.67	\$268,790.00
3403	Sewer User Charges				
3404	Garbage – Refuse Charges				
3409	Other Charges				
Miscellaneous Revenues					
3501	Sale of Village District Property				
3502	Interest on Investments		\$100.00	\$153.00	\$125.00
3503-3509	Other				
Acct. #	Source of Revenue	Warrant Article	Estimated Revenues Prior Year	Actual Revenues Prior Year	Estimated Revenues Ensuing Year
Interfund Operating Transfers In					
3912	From Special Revenue Funds				
3913	From Capital Projects Funds				
3914	From Proprietary Funds				
3915	From Capital Reserve Funds				
3916	From Trust & Agency Funds				
Other Financing Sources					
3934	Proc. From Long Term Bonds & Notes		\$2,400,000.00		\$0.00
	Amounts Voted From Fund Balance		\$50,000.00		\$20,000.00
	Estimated Fund Balance to Reduce Taxes		\$25,000.00		
Total Estimated Revenue & Credits			\$2,863,861.00	\$295,413.40	\$291,115.00

BUDGET SUMMARY

	Prior Year	Commissioners
Operating Budget Appropriations Recommended	\$385,918.00	\$391,997.00
Special Warrant Articles Recommended	\$2,650,000.00	\$22,000.00
Individual Warrant Articles Recommended	\$20,000.00	\$42,000.00
TOTAL Appropriations Recommended	\$3,055,918.00	\$455,997.00
Less: Amount of Estimated Revenues & Credits	\$2,863,861.00	\$291,115.00
Estimated Amount of Taxes to be Raised	\$192,057.00	\$164,882.00



Financial Reports

2010 EXPENSES

VENDOR	AMOUNT PAID
AGS Services	\$287.58
Ayer & Goss	\$4,507.88
Business Management System, Inc.	\$1,987.20
Carparts of Hillsboro	\$338.34
Central NH Concrete Corp.	\$594.00
James Coffey	\$6,399.37
Comcast	\$770.40
Troy Cornock	\$1,108.20
Denise Deforest	\$1,108.20
DuBois & King, Inc.	\$619.04
Eastern Analytical, Inc.	\$2,857.00
Eugene Edwards	\$64,114.92
Henniker Sand & Gravel	\$11,020.56
Henniker Septic Service	\$1,195.86
Robert Hutchinson	\$2,991.15
Susan Hutchinson	\$1,576.18
Local Government Center	\$40.00
Local Government Center PLT	\$4,725.29
Monson Companies	\$537.96
Melanson Heath & Company PC	\$10,500.00
Moonlight Electric	\$956.51
NH Public Works Mutual Aid	\$25.00
NHMA	\$400.00
Northern Tool	\$246.52
Patrick Burke	\$450.00
People's United Bank	\$13,775.63
Plummer Well & Pump Service	\$6,597.22
Primex	\$620.00
Public Service of NH	\$14,309.22
R.C. Brayshaw & Company	\$810.84
Granite State Rural Water	\$280.00
Cheryl Sawlit	\$14.03
David Stefanelli	\$110.00
Patricia Stefanelli	\$1,108.20
Sullivan Pest Management, Inc.	\$75.00
Tata & Howard, Inc.	\$12,285.55
TDS Telecom	\$1,382.30
Town of Hillsborough	\$805.49
Upton & Hatfield	\$1,005.00

2010 EXPENSES CONTINUED

U.S. Postmaster – Hillsborough		\$154.00
U.S. Treasury		\$954.98
Villager		\$189.00
Wendy Brien		\$110.00
Water Systems Operations, Inc.		\$105,767.27
Kim Wells		\$5,100.00
Worksafe		\$394.10

SCHEDULE OF BONDED DEBT

Payment Schedule 2009-2014

Issue Date: 8/15/06

Purpose: Water Tank / Funding Source: NH Municipal Bond Bank

	2009	2010	2011	2012	2013	2014	Remaining 2015-26
Principal Outstanding	\$620,000.00	\$585,000.00	\$550,000.00	\$515,000.00		\$445,000.00	\$410,000.00
Interest Payment	\$29,301.26	\$27,551.26	\$26,151.26	\$24,751.26	\$23,001.26	\$21,251.26	\$123,337.58
Principal Payment	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000.00	\$410,000.00
Total Payment	\$64,301.26	\$62,551.26	\$61,151.26	\$59,751.26	\$58,001.26	\$56,251.26	\$533,337.58

Payment Schedule 2009-2013

Issue Date: 7/10/08

Purpose: Pump Control / Funding Source: Ocean Bank

	2009	2010	2011	2012	2013	Total Paid
Principal Outstanding	\$80,000.00					
Interest Payment	\$3,503.29	\$3,078.75	\$2,361.46	\$1,610.32	\$823.72	\$11,377.54
Principal Payment	\$14,772.22	\$15,196.76	\$15,914.05	\$16,665.19	\$17,451.78	\$80,000.00
Total Payment	\$18,275.51	\$18,275.51	\$18,275.51	\$18,275.51	\$18,275.50	\$91,377.54

TRUST FUNDS

Name of Fund	How Invested	Begin Balance	New Funds Created	With- drawals	End Balance	Begin Balance	Earned	Expended	End Balance	End Balance Prin. & Income
ELVD Water Meter	MBIA 60	\$13,000			\$13,000	\$493.98	\$28.34		\$522.32	\$13,522.32
ELVD Water Meter	MBIA 69	\$5,000			\$5,000	\$70.74	\$10.57		\$81.31	\$5,081.31

GENERAL FUND BALANCE SHEET
December 31, 2010

ACCT #	ASSETS	AMOUNT
1010	Cash & Equivalents	\$65,958.45
1030	Investments	
1080	Property Taxes Receivable	\$134,570.55
1150	Accounts Receivable	\$0.00
1260	Due From Other Governments	
1310	Due From Other Funds	\$0.00
1410	Inventory	
1430	Prepaid Items	\$2,412.20
1700	Other Assets	
Total Assets		\$202,941.20
Acct #	LIABILITIES & FUND EQUITY	AMOUNT
2020	Accounts Payable	\$0.00
2050	Contracts Payable	
2070	Due From Other Governments	
2080	Due From Other Funds	
2270	Other Payables	\$0.00
Total Liabilities		\$0.00
Acct #	FUND EQUITY	AMOUNT
2080	Reserve for Encumbrances (Pump House)	\$3,772.62
2080	Reserve for Hummingbird Bridge	\$95,283.00
2490	Reserve for Special Purposes	\$1,676.08
2530	Unreserved Fund Balance	\$102,209.50
Total Fund Equity		\$202,941.20
Total Liabilities and Fund Equity		\$202,941.20

*Extracted from the MS35 format

STATEMENT OF TAX RATE SETTING

2008

Net Assessed Valuation:	\$99,240,300.00	Tax Rate \$1.30	Commitment \$129,012.00
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2009

Net Assessed Valuation:	\$99,604,700.00	Tax Rate \$1.29	Commitment \$128,490.00
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2010

Net Assessed Valuation:	\$99,631,900.00	Tax Rate \$1.93	Commitment \$192,290.00
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WATER SYSTEM BALANCE SHEET
December 31, 2010

Account #	Assets	Amount
1010	Cash & Equivalents	\$92,743.21
1150	Accounts Receivable	\$77,117.84
1310	Due From Vendor	\$396.10
Total Assets		\$170,257.15

Account #	Liabilities	Amount
2050	Contracts Payable	\$38.56
2080	Due to Other Funds	
	Other	
Total Liabilities		\$38.56

Account #	Fund Equity Capital	Amount
2530	Unreserved Fund Balance	\$170,218.59
Total Fund Equity		\$170,257.15
Total Liabilities & Fund Equity		\$170,257.15

WATER SYSTEM EXPENSE & REVENUE SUMMARY
January 1 - December 31, 2010

REVENUES

Revenue (by source)	Amount
Water Supply System Changes	\$280,635.00
Interest on Investments	\$107.55
Delinquent Interest Penalty	\$7,071.42
FEMA Reimbursement	\$0.00
Other Revenue-Close Escrow	\$0.00
Total Revenues	\$287,813.97

EXPENSES

Expense (by function)	Amount
Building Maint./Improvements	\$675.00
Water Distribution	\$128,503.84
Debt Service	\$62,551.26
Bank Charges & Fees	\$0.00
Capital Outlay	\$15,000.00
Total Expenses	\$206,730.10

TREASURER'S REPORT

During 2010 we continued to utilize our fund accounting system to monitor both our expenses and revenues, as well as our cash deposits. We have managed to build a separate Water Fund from the General Fund as required by law. The Water Fund is now solvent and no longer borrowing from the General Fund.

The Town of Hillsborough continues to remit both water and property tax revenue in a timely manner. We especially thank Lauralee LoMonaco for her accurate accounting of our receipts and the timely electronic deposits made to our accounts. We should not forget Hillsborough Treasurer Robert Charron for his support.

Listed below are the accounts and balances at the beginning and end of 2010. All the transactions for 2010 are in our accounting system and each account is balanced monthly. Should anyone wish to inspect the District's cash account records we would be happy to make them available.

January 1, 2010

General Fund	Checking	Ocean Bank	\$58,751.49
2008 Bond	Money Market	Ocean Bank	\$0.00
FEMA Bridge	Money Market	Ocean Bank	\$15,189.62
General Fund	Investment	NHPDIP	\$1,685.79
Eastman Park	Investment	NHPDIP	\$816.30
2001 FEMA	Investment	NHPDIP	\$0.00
Escrow Account	Investment	NHPDIP	\$0.00
Water Fund	Investment	NHPDIP	\$665.94
Water Fund	Checking	Ocean Bank	\$22,076.37
Total			\$99,185.51

December 31, 2010

General Fund	Checking	Ocean Bank	\$48,246.63
2008 Bond	Money Market	Ocean Bank	\$0.00
FEMA Bridge	Money Market	Ocean Bank	\$15,189.62
General Fund	Investment	NHPDIP	\$1,689.44
Eastman Park	Investment	NHPDIP	\$817.56
2001 FEMA	Investment	NHPDIP	\$0.00
Escrow Account	Investment	NHPDIP	\$0.00
Water Fund	Investment	NHPDIP	\$666.61
Water Fund	Checking	Ocean Bank	\$92,096.60
Total			\$158,701.66

The reason for the reduced cash at the end of 2010 is due to the Town of Hillsborough's failure to submit their financial report (MS-5) in a timely manner, resulting in a late tax rate setting with the bills during the second half of January. Because we now are in a good financial position, this did not cause us any serious problems.

Respectfully submitted

Susan Hutchinson, Treasurer

EMERALD LAKE VILLAGE DISTRICT OWNED PROPERTY LIST

Tax Map/Lot	Street	Acreage	Assessed Value
6/79	Patten Hill Road	5.7	\$38,200
6/80	Patten Hill Road	.79	\$19,500
6/87	Patten Hill Road	10	\$65,000
9/50	Gould Pond Road	4.07	\$31,700
13/204	Megan Lane	.323	\$17,500
13/206	Megan Lane	.297	\$15,700
13/207	Megan Lane	.557	\$26,900
13/209	Megan Lane	.26	\$15,000
13/231	Megan Lane	.26	\$15,000
14/624	Gould Pond Road	.34	\$178,000
14/638	Turtle Bridge Crossing	1.23	\$73,000
15/5	Hummingbird Lane	.25	\$62,600
15/20	Hummingbird Lane	.15	\$12,000
15/21	Hummingbird Lane	.18	\$14,100
15/22	Hummingbird Lane	.20	\$15,500
15/23	Hummingbird Lane	.22	\$16,000
15/24	Hummingbird Lane	.26	\$17,500
15/35	Hemlock Street	.15	\$12,000
16/1	Red Fox Crossing	.215	\$11,900
16/51	Red Fox Crossing	.70	\$71,300
16/114	Firefly Lane	.22	\$4,000
16/115	Firefly Lane	.22	\$4,000
16/116	Firefly Lane	.22	\$4,000
16/117	Firefly Lane	.22	\$4,000
16/146	Beaver Glen Road	.22	\$4,000
16/147	Beaver Glen Road	.22	\$4,000
16/148	Beaver Glen Road	.22	\$4,000
16/149	Beaver Glen Road	.22	\$4,000
16/290	Turtle Bridge Crossing	.27	\$60,100
16/291	Turtle Bridge Crossing	.26	\$59,700
16/292	Turtle Bridge Crossing	.25	\$59,300
16/308	Emerald Drive	.26	\$17,100
16/311	Turtle Bridge Crossing	.96	\$62,000
16/317	Berry Patch Lane	0	\$0.00
16/318	Red Fox Crossing	.215	\$1,600
17/210	Emerald Drive	.08	\$3,300
17/214	Hummingbird Lane	.18	\$50,800
17/245	Hummingbird Lane	.04	\$700
17246	Hummingbird Lane	.06	\$300



2009 Audit



MELANSON HEATH & COMPANY, PC

CERTIFIED PUBLIC ACCOUNTANTS
MANAGEMENT ADVISORS

102 Perimeter Road
Nashua, NH 03063-1301
Tel (603) 882-1111 • Fax (603) 882-0456
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To the Board of Commissioners
Emerald Lake Village District
Hillsboro, New Hampshire

In planning and performing our audit of the financial statements of the Emerald Lake Village District, Hillsboro, New Hampshire, as of and for the year ended December 31, 2009, in accordance with auditing standards generally accepted in the United States of America, we considered the Emerald Lake Village District's internal accounting control over financial reporting (internal control) as a basis for designing our auditing procedures for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control. Accordingly, we do not express an opinion on the effectiveness of the District's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A material weakness is a deficiency or combination of deficiencies in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis.

Our consideration of internal control was for the limited purpose described in the first paragraph and was not designed to identify all deficiencies in internal control that might be deficiencies, significant deficiencies, or material weaknesses. We did not identify any deficiencies in internal control that we consider to be material weaknesses.

However, during our audit we became aware of other matters that we believe represent opportunities for strengthening internal controls and operating efficiency. The recommendations that accompany this letter summarize our comments and suggestions concerning those matters.

Additional Offices:

Andover, MA • Greenfield, MA • Ellsworth, ME • Manchester, NH

This communication is intended solely for the information and use of management, Board of Commissioners, and others within the organization, and is not intended to be and should not be used by anyone other than these specified parties.

After you have had an opportunity to consider our comments and recommendations, we would be pleased to discuss them with you.

Melanson, Heath + Company P.C.

Nashua, New Hampshire

July 19, 2010

We would like to commend the District for implementing many of the prior year management letter recommendations, and for the noted improvement in the condition of the accounting records.

PRIOR YEAR RECOMMENDATION:

1. Summary of Recommendations

The following summarizes areas where improvements could be made. These issues are discussed briefly, however, we are available to discuss in more detail, if requested.

- Document invoice approvals - All vendor invoices should document the initials of a responsible party who approved the bill for payment.
- Document stipends in minutes - At least annually, the minutes of the Commissioner meetings should document the approved stipend amounts for all paid individuals.
- Standardize journal entries - All general ledger adjusting journal entries should be consecutively numbered, and filed in a three-ring binder, along with supporting documentation.
- Secure check stock - All unused check stock should be secured in a locked cabinet.

COMMENTS ON 2009 AUDIT

The 2009 audit reflects an improvement in our overall financial position, especially within the Water Fund. As in the past year we have only included a management letter in our Annual Report. The entire audit is available on line and we can also send it as a pdf file attachment to anyone desiring a copy. It is also available at the District office to be read.

The 2011 budget contains the necessary appropriation for an audit in 2011 for 2010. During the past year it has become a requirement for all municipal governments to have an audit, or if they are very small, an independent financial review. This is important for borrowing purposes when capital improvements are required and also helps ensure public confidence.

We want to thank our auditors, Melanson & Heath, for their good work, especially Jennifer Crowley who is our primary contact, and supervisor Frank Biron.

James Coffey, Administrator

EMERALD LAKE VILLAGE DISTRICT

WATER QUALITY REPORT – 2011

<p>What is the source of my drinking water? The water supplied by the District is from groundwater sources. It is pumped from eight bedrock wells, all located within the District. The water is pumped from the wells to a 150,000 gallon atmospheric storage tank. The water from well 4 and well 11 is treated to remove fluoride and arsenic. The remaining wells are untreated.</p>
<p>How can I get involved? The Emerald Lake Village District Commissioners meet on the first Monday of every month. An annual election is held for officers. Warrant articles and budgets are voted on at the annual meeting. Meeting dates and times are posted on the bulletin board on the front of the former Meeting House. The District has contracted Water System Operators, Inc. to provide trained and certified professional operators. Water System Operators, Inc. can be reached at 428-3525.</p>
<p>Why are contaminants in my water? Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the US Environmental Protection Agency's Safe Drinking Water Hotline (1-800-426-4791).</p>
<p>Violations and Other information: Fluoride levels in two of four samples collected during 2010 were higher than the Secondary Maximum Contaminant Level. While this is not a violation of the drinking water standards, it could be of concern to those with young children. See the data below for more information.</p>
<p>Do I need to take special precautions? Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons, such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by <i>Cryptosporidium</i> and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).</p>

Definitions:

MCLG: Maximum Contaminant Level Goal, or the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. They are set as close to the MCLGs as feasible using the best available treatment technology.

SMCL: Secondary Maximum Contaminant Level: Levels of contaminants above the SMCL may cause cosmetic effects or aesthetic effects in drinking water.

AL: Action Level, or the concentration of a contaminant which, when exceeded, triggers treatment or other requirements which a water system must follow.

TT: Treatment Technique, or a required process intended to reduce the level of a contaminant in drinking water.

MRDLG: Maximum residual disinfectant level goal or the level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLG's do not reflect the benefits of the use of disinfectants to control microbial contaminants (for water systems that use chlorine).

MRDL: Maximum Residual Disinfectant Level or the highest level of a disinfectant allowed in drinking water. There is convincing evidence that the addition of a disinfectant is necessary for control of microbial contaminants.

RAA: Running Annual Average or the average of all samples taken during the twelve month period ending with the most recent sample.

Abbreviations: ppm: parts per million ppb: parts per billion ppt: parts per trillion ppq: parts per quadrillion
 pCi/L: pico curies per liter NTU: Nephelometric Turbidity Unit
 NA – Not applicable nd: not detectable at testing limits AL: Action Level TT: Treatment Technique

Sample Dates: The results for detected contaminants listed below are from the most recent monitoring done in compliance with regulations ending with the year 2010. The State of New Hampshire allows water systems to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Thus some of the data present, though representative, may be more than one year old.

DETECTED WATER QUALITY RESULTS

Contaminant (Units)	Level Detected	MCL	MCLG	Violation YES/NO	Likely Source of Contamination	Health Effects of Contaminant
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Microbiological Contaminants

Total Coliform Bacteria	35 Absent 2 Present	No more than 1 Present per month	0	No	Naturally present in the environment	Coliforms are bacteria that are naturally present and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.
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Radioactive Contaminants

Radon (pCi/L)	851 Sampled 2008	None	0	No	Erosion of natural deposits	Presently the US Environmental Protection Agency is reviewing the setting of a standard for radon in drinking water.
Compliance Gross Alpha (pCi/L)	Range Nd - 1.1 Average 0.5 Sampled 2005 - 2008	15	0	No	Erosion of natural deposits	
Uranium (ug/L)	Range nd - 7.6 Average 1.1 Sampled 2005 - 2008	30	0	No	Erosion of natural deposits	
Combined Radium 226 + 228 (pCi/L)	Range nd - 2.1 Average 0.4 Sampled 2005 - 2008	5	0	No	Erosion of natural deposits	

Inorganic Contaminants

Arsenic (ppb)	Range nd – 8 highest RAA 5 Sampled 2010	10	0	No	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes	While your drinking water meets EPA's standard for arsenic, it does contain low levels of arsenic. EPA's standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. EPA continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.
Barium (ppm)	Range 0.002 - 0.006 Average 0.003 Sampled 2008 & 2010	2	2	No	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	
Copper (ppm)	90 th percentile 0.39 Sampled 2009	AL=1.3	1.3	No	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	
Fluoride (ppm)	Range 0.1 – 5.4 Average 1.7 Sampled 2008 & 2010	4	4	No MCL Yes SMCL	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories	This is an alert about your drinking water and a cosmetic dental problem that might affect children under nine years of age. At low levels, fluoride can help prevent cavities, but children drinking water containing more than 2.0 milligrams per liter (mg/L) of fluoride may develop cosmetic discoloration of their permanent teeth (dental fluorosis). See additional information below.
Lead (ppb)	90 th percentile 1 Sampled 2009	AL=15	0	No	Corrosion of household plumbing systems, erosion of natural deposits	

Volatile Organic Contaminants

Chlorine (ppm)	Range 0.01 – 0.06 Average 0.03 Sampled 2010	MRDL = 4	MRDLG = 4	No	Water additive used to control microbes	
Methyl tertiary-butyl ether (MTBE) (ppb)	Range nd – 0.8 Average 0.2 Sampled 2009 & 2010	13	13	No	A gasoline additive	

Fluoride: Dental fluorosis in its moderate or severe forms may result in a brown staining and/or pitting of the permanent teeth. This problem occurs only in developing teeth, before they erupt from the gums. Children under nine should be provided with alternative sources of drinking water or water that has been treated to remove the fluoride to avoid the possibility of staining and pitting of their permanent teeth. You may also want to contact your dentist about the proper use by young children of fluoride-containing products. Older children and adults may safely drink the water. Fluoride contamination is rarely due to human activity. Fluoride occurs naturally in some areas and is found in elevated concentrations in the aquifer in our source water. We are continuing to monitor fluoride levels. We will inform you if levels exceed the limit of 4.0 mg/L. Please share this information with all the other people who have children who drink this water, especially those who may not have received this notice directly.

Description of Drinking Water Contaminants:

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include:

- **Microbial contaminants**, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- **Inorganic contaminants**, such as salts and metals, which can be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming
- **Pesticides and herbicides**, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
- **Organic chemical contaminants**, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.
- **Radioactive contaminants**, which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. The United States Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Radon: Radon is a radioactive gas that you can't see, taste or smell. It can move up through the ground and into a home through cracks and holes in the foundation. Radon can also get into indoor air when released from tap water from showering, washing dishes, and other household activities. It is a known human carcinogen. Breathing radon can lead to lung cancer. Drinking water containing radon may cause an increased risk of stomach cancer. Presently the EPA is reviewing a standard for radon in water.

Source Water Assessment Summary:

The NH Department of Environmental Services has prepared a Source Water Assessment Report for the source(s) serving this community water system, assessing the sources' vulnerability to contamination. The results of the assessment, prepared during 2002, are as follows:

Well	High	Medium	Low
001	2	1	9
004	2	1	9
006	1	3	8
007	1	2	9
008	1	2	9
009	1	2	9
011	not rated		

The complete Assessment Report is available for review at Water System Operators, Inc. For more information call 603/428-3525 or visit NH Department of Environmental Services Drinking Water & Groundwater Bureau web site at <http://des.nh.gov/organization/divisions/water/dwgb/index.htm>.

NOTES