

# Water



SPRING 2007

A Publication of the Water Supply Division of the Vermont Department of Environmental Conservation

## A Note from the (Former) Director

Contributed by Jay Rutherford, *P.E.*

The Water Supply Division was created in 1991 through the merger of three separate drinking water programs, and moved into its current space in 1992. Given how often governmental units move around, it is a miracle that we have not had to move to some other location in the years since.

When the Division was created, we were faced with the new rules that were coming out of the 1986 Safe Drinking Water Act Amendments. These were the Surface Water Treatment Rule, Lead & Copper Rule, and the Phase 2/5 Rule (VOCs, SOCs, IOCs). These rules challenged us all as everybody struggled to get them implemented. For many of you, these rules are now well understood and compliance is generally good.

In 1996, we all were faced again with even more new regulations with the latest amendments to the Safe Drinking Water Act. There have been over 20 major new regulations or initiatives from these amendments, and we are all struggling again with these newer requirements. These requirements include a mandatory operator certification program, a source water assessment and protection program, a completely new method of financial assistance through the Drinking Water Revolving Loan Fund, new radionuclide rules, an arsenic rule, and four new microbial rules (Interim/LT1, and LT2 Enhanced Surface Water Treatment Rules, and Stage 1 and Stage 2 Disinfection By-Products). These rules are EPA's most complex and are pushing the very limits of science in addressing risks to public health.

I would also like to mention that another federal rule was recently passed, the federal Groundwater Rule that will affect all of our public water systems served by groundwater sources, from community to transient. This is the first rule since the total coliform rule in 1989 to touch on this many systems. Luckily, we have a bit of breathing room before this rule's deadlines hit us.

By the time you are reading this column, I will have been retired for a month or so. I have served in this role for the past 15 years and am looking forward to more relaxed times in a new home in a new (warmer) state. And travel... lots of travel. It has been

my privilege to work with the staff here in Water Supply, with the regulated community, legislators, state and local officials, and most of all with the citizens of Vermont who are served by our public water systems. It's been quite a ride!

**Jay Rutherford retired from State Government on February 21st. We wish him well as he enjoys retirement with his wife in their new home in Delaware!**



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## Consumer Confidence Reports (CCRs) — Due July 1, 2007

The Water Supply Division mailed CCR templates to all of Vermont's public community water systems in early March. If you have not yet received your template or if you would like an electronic copy of your template, please contact Laura LaFleur at 1-800-823-6500 or [Laura.LaFleur@state.vt.us](mailto:Laura.LaFleur@state.vt.us).

CCRs must be distributed to your customers no later than **July 1, 2007**. A copy of the final, delivered product must be sent to the Water Supply Division along with a completed Certificate of Delivery form by **July 10, 2007**.

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## What does the Operator Certification Advisory Committee do for you?

Contributed by Matt Guerino,  
*Certification Officer*

The Operator Certification Advisory Committee is a volunteer group made up of water system operators, engineers, Vermont Rural Water Association (VRWA) employees and Water Supply Division (WSD) Compliance personnel. The current members of the Committee are Ellen Parr Doering (Compliance and Certification Manager, WSD), Matt Guerino (Certification Officer and TCR Coordinator, WSD), Shaun Fielder (Executive Director, VRWA), Phil Acebo (Training Specialist, VRWA), Jay Nadeau (Champlain Water District), Mike Mandigo (Stowe Water Department), Rick Kenney (Hartford Water Department) and John

West (Contract Operator for 43 Water Systems in the State of Vermont).

As affirmed in their mission statement, the Committee focuses on establishing water system operator certification requirements and is the entity responsible for the general direction of the water system operator certification program. The Committee also provides feedback to the Division on compliance related issues including but not limited to the impact of new regulations on water systems in Vermont and the development of materials that would prove useful to water system personnel.

Recently, the WSD posted two new guidance documents and the Bulk Water Hauling practice on its website in response to input received during Committee meetings. Jay Nadeau, Mike Mandigo, Shaun Fielder, and Matt Guerino also recently reviewed and revised the Class II Water System Operator Exam.

Future WSD undertakings will include posting of standard procedures for coming off boil water notice, posting of a comprehensive sampling plan guidance document and template, and establishment of an Operator Certification Advisory Committee news and update section on the Operator's page of the WSD website. Additionally, representatives from the Committee will review the Class D Water System Operator Exam to determine if revisions are necessary. Members of the Committee are also working on ways to advance the water system operator's professional development opportunities through development of a Core Curriculum Program.

Feel free to contact the Committee with any concerns or items you wish to discuss. **If you're interested in volunteering for the Committee, please contact Matt Guerino at [Matt.Guerino@state.vt.us](mailto:Matt.Guerino@state.vt.us).**

### The Committee's Mission Statement:

*The role of the Operator Certification Advisory Committee is to establish certification requirements, define the classification system for water systems, write and keep rules current, establish procedures for approving courses, write and validate exams, be responsible for the general direction of the operator certification program, and be informed of compliance and enforcement issues to provide feedback when necessary.*

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## Vermont Drinking Water State Revolving Fund — Public Meeting Announcement

Contributed by Bryan Redmond,  
*DWSRF Program Specialist*

The Vermont Drinking Water State Revolving Fund (DWSRF) is holding its annual public meeting on Wednesday, June 20, 2007, from 2:00 P.M. until 4:00 P.M. in the Pavilion Auditorium in Montpelier, Vermont. The meeting is intended to cultivate stakeholder interest and provide a forum for meaningful public involvement in the preparation of the 2007 Intended Use Plan (IUP). The Water Supply Division is anticipating the State of Vermont's allotment for the DWSRF for the Federal Fiscal Year 2007 to be \$8,268,800 with a State match of

\$1,653,760. Historically, the grant has been used for a wide variety of activities including public water system infrastructure improvements, source water protection, and water system management enhancements. We are always looking for suggestions on the best application for these funds, new and innovative approaches to expend these funds, and ideas for program development and process improvement.

Come join us in a spirited and lively discussion!

## Vermont Source Water Workshop a Great Success!

Contributed by Kira Jacobs,  
*EPA*

A very successful source water protection workshop was held in Montpelier on November 30th. The event received funding from EPA and was a partnership between EPA, the VTDEC Water Supply Division, and the Vermont Rural Water Association (VRWA). The event brought together 120 participants and speakers and had a waiting list to attend. Attendees spent the day discussing science, the challenges of source water protection, and hearing about a variety of success stories. The actions that participants committed to taking (see below), as a result of the conference, indicate the significant educational value of the workshop.

Water system operators had an incentive to attend because the Water Supply Division offered technical credit hours for attending as part of the operators' continuing education requirement. Also represented were septic system designers, watershed associations, local and regional planning agencies, USDA, realtors, ski resorts, and many others. The diversity of the audience led to many important and though provoking questions and discussions.

The day was kicked off with an overview of groundwater science by Larry Becker, the Vermont State Geologist. A panel of experts from multiple state agencies then spoke about some of the top threats to source water in Vermont: underground storage tanks, septic systems, transportation, and agriculture. During the buffet lunch, networking and conversation flowed from the morning's discussion. In the afternoon, attendees heard case studies from Vermont Rural Water, the Trust for Public Land, the Vermont Land Trust, as well as a community case study from Hinesburg.

It was exciting to see the tremendous amount of energy and ideas generated throughout the day. Practical questions were raised ranging from the need for the VTDEC to make source water GIS information available online to the planning associations to requests for better coordination at the VTDEC between the wastewater management and drinking water program when siting septic systems. Many of these groups



had never met previously and the workshop offered an excellent opportunity to foster collaboration among them in order to protect their drinking water.

What is especially encouraging are the ideas generated by attendees and listed in the evaluations.

### **As a result of this workshop, I plan to take the following actions:**

- Hold a local workshop and conduct education/outreach for towns
- Involve conservation commission and planning commission members so they can integrate source protection into regulations
- Research
- Work with towns to bring groundwater protection to forefront
- Watershed-wide mapping of groundwater
- Inform fellow realtors about the importance of water quality and contacts for assistance
- Follow-up on questions with people I work with; continue learning
- Follow-up on contacts and resources introduced at this workshop
- Identify possible instructional based on presentations and questions

**For more information about source water protection for your system, please contact Tina Hubbard with the Vermont Water Supply Division at (800) 823-6500.**

## Stage 2 Disinfectants and Disinfection By Products (DBP) Rule — Dates to Remember

Contributed by Jeannine McCrumb,  
*Compliance Analyst*

The Stage 2 Disinfectants and Disinfection Byproducts (DBP) Rule was finalized by the United States Environmental Protection Agency in January, 2006. Stage 2 applies to all community and non-transient, non-community water systems that use a primary or residual disinfectant other than ultraviolet. One component of the Stage 2 Rule is completion of an Initial Distribution System Evaluation (IDSE). The purpose of the IDSE is to identify locations within the distribution system likely to have high TTHM and HAA5 levels. The IDSE will take into account a system's water quality and distribution system characteristics.

The State of Vermont Water Supply Division and the Vermont Rural Water Association recently held trainings on development of the IDSE Plan. These trainings focused on the devel-

opment of Standard Monitoring (SM) plans; however, several systems in Vermont will qualify for Very Small System (VSS) Waivers or 40/30 Certifications.

All groundwater systems serving less than 500 persons, who have taken Total Trihalomethane (TTHM) and Total Haloacetic Acid (HAA5) samples are eligible for a VSS Waiver. You do not need to apply for these waivers. The State will notify you in writing if you ARE NOT eligible for a VSS waiver. Vermont surface water systems serving less than 500 persons WILL NOT be eligible for the VSS Waiver. This decision was made based on trends identified from Stage 1 compliance data.

Systems wishing to qualify for 40/30 certification will need to submit a certification package to the Division. This package shall include a summary of Stage 1 data collected and a letter certifying that each individual Stage 1 compliance sample collected during the specified timeframe was less than or equal to 40 ug/l for TTHM and less than 30 ug/L for HAA5.

**For more information on the 40/30 certification option or the IDSE plan, please contact Jeannine McCrumb at 241-3422 or [jeannine.mccrumb@state.vt.us](mailto:jeannine.mccrumb@state.vt.us) or look for upcoming links to guidance materials on the WSD website.**

The following table summarizes important dates pertaining to the Initial Distribution System Evaluation phase of the Stage 2 DBP Rule:

SCH.	SYSTEMS SERVING:	SUBMIT 40/30 CERTIFICATION, SM, SSS PLAN, OR RECEIVE VSS WAIVER BY:	COMPLETE SM OR SSS (MONITORING) BY:	SUBMIT IDSE REPORT (ONLY SYSTEMS CONDUCTING SM OR SSS) BY:
1	> 100,000	Oct. 1, 2006	Sept. 30, 2008	Jan. 1, 2009
2	50,000 – 99,999	Apr. 1, 2007	Mar. 31, 2009	July 1, 2009
3	10,000 – 49,999	Oct. 1, 2007	Sept. 30, 2009	Jan. 1, 2010
4	< 10,000	Apr. 1, 2008	Mar. 31, 2010	July 1, 2010

Schedule for systems in a combined distribution system is based on that of the largest system in the combined distribution system.

## Quarterly Reminder Notices for Chemical Monitoring

The Division will no longer be calling systems to remind them of their need to complete chemical monitoring. The Division is hoping that the easier to read annual monitoring schedules coupled with a quarterly reminder notice will reduce the number of monitoring and reporting violations issued each quarter. 2007 monitoring schedules were mailed to all systems in December 2006 and are also available online at [www.vermontdrinkingwater.org](http://www.vermontdrinkingwater.org). The Division is working towards having test results available online so that water systems can review data that has been received by the Division. Please remember to sample early in the monitoring period to allow sufficient time for laboratory reporting and resampling if needed.

### Adelphia.net No More!

**If you had an old Adelphia.net email, please send us**

**your new email address.**

**You can send your information to [watersupply@state.vt.us](mailto:watersupply@state.vt.us)**

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## Transient Non-Community

### Water System Corner

Contributed by Jim Siriano,  
*Transient Non-Community Program Supervisor*

#### Are You Ready for Warmer Weather?

Monitoring data shows that there are more coliform detects per sample taken at transient non-community water systems (TNCs) during the late spring, summer, and early fall than there are during colder times of year. This makes sense because life, including bacteria, switches into overdrive as temperatures rise. To lessen the likelihood that the water system becomes contaminated, we recommend that all TNC owners and operators take time during the mud season to inspect and repair their system.

Many TNCs, including most campgrounds, are only open seasonally. Because they shut down for part of the year, these systems are susceptible to contamination in ways that most year-round systems are not. During the off-season, for example, lack of use may cause the source to stagnate, which can cause water quality to deteriorate. Also, many seasonal operations depressurize and drain the water system to prevent damage from freezing. The lack of pressure makes it easier for contaminants to enter the system, especially if piping or storage tanks are open to the atmosphere. Thus, when the system reopens the water may not be safe to drink.

But there are precautions that systems can take to help ensure the water is safe to drink. We recommend that seasonal systems develop a plan with step-by-step procedures for starting up and closing down the system. Following a well designed plan that includes water quality testing will help ensure that the water is safe to drink when the system opens to the public.

System startup should begin at least a couple of weeks before you want water to be available to the public. During that time you need to inspect the water system, conduct maintenance and repair work, disinfect, and sample the water quality. For seasonal systems, a total coliform sample must be taken before, but not more than 10 days prior to, service startup (i.e., serving water to the public). Thus, beginning well before opening day will provide time to troubleshoot and repeat the disinfection and sampling procedures in case total coliform are detected in the sample.

Our Division has a list of procedures to consider when developing a plan for starting up and closing down a system. Please contact the TNC Program if you want a copy of the list or if you would like help developing a plan. The list of pro-

cedures will also be available on our website soon (see website update below).

#### Technical Assistance

We are glad to announce that the Water Supply Division (WSD) has a new contract with Aquaterra, a Vermont-based engineering and environmental services firm, to provide free technical assistance to TNCs. We had a similar contract with Aquaterra in the past, during which they provided assistance to more than 120 systems throughout the State. Services range from providing information on the phone to complete onsite assessments of water systems from the source to the tap. Vermont Rural Water Association also provides free technical assistance to small systems. So, please contact the TNC Program for more information if you would like free assistance.

#### Website Update

We are updating our website. And the “new look” will include a page devoted entirely to TNCs. The TNC Page will have information on training opportunities, technical assistance, drinking water quality, small water system components, and, of course, regulatory requirements. The page should be up by the end of April, so please take a look and send us any comments. You will be able to access the TNC webpage through the WSD’s homepage at [www.vermontdrinkingwater.org](http://www.vermontdrinkingwater.org).

**TNC Program Staff can be reached at (800) 823-6500 (toll free within Vermont) or (802) 241-3400.**

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## Consecutive Public Water Systems Discussion

Contributed by Eric Blatt,  
*Engineering and Financial Services Section Chief*

This past January, the Water Supply Division held a public meeting to present proposed program changes that would affect how we address the permitting of new water line extension projects. The focus is on line extensions serving at least 10 new residential connections that, unless taken over by the parent system, would be classified and regulated as a “consecutive” public water system.

The proposed changes consist of having the parent system serve as a co-applicant for a line extension project and agree to acquire ownership or control of the new distribution piping, and thereby avoid formation of a new consecutive system. However, this would not be compulsory; we would continue to accept construction applications as in the past, but we would strengthen the financial and managerial capacity

*(continued on page 6)*

## Meet Our Staff:

### Rob Farley

Robert Farley started with the Water Supply Division in March of 1997 where he worked on a regional team that addressed Water Supply issues throughout Washington, Windsor and Orange Counties. While working for the regional team he dealt with sanitary surveys, permits to operate, source permitting and licensing and compliance for the well driller's program. Rob acquired the role of Sanitary Technician after the Water Supply Division reorganized in 2003 from the regional approach to a programmatic division of duties. In his newest role, Rob travels to all corners of the state inspecting public water systems and meeting with our constituents.

While out and about meeting with the operators and conducting system surveys, Rob also provides technical assistance through assessment of the sanitary risks. A good portion of this includes review of the systems' Operation and Maintenance Manuals, responding to and updating compliance activities, and reviewing the engineering reports for the operators. As one of the Division's Sanitary Technicians, Rob has to have a wide knowledge base for ad-

ressing a range of sanitary risks he encounters at a site visit. First and foremost, Rob has a strong command or a strong working knowledge of Federal and State rules and regulations. He also is a resident expert in source supply and system operation issues including understanding capacity issues needed to run a water system.

Prior to Rob's work with the State, he spent time as an environmental consultant in Vermont and New York conducting environmental assessments, subsurface contamination investigations, asbestos surveys, abatement project monitoring, indoor air quality monitoring, emission monitoring, geotechnical soil analyses and other tasks. Rob also has experience in environmental education. He is actively working with various educational programs and efforts here at Department of Environmental Conservation and takes time out of his personal life to work with the school Environmental Learning for the Future program.

After reading about Rob's work background you probably think that is all he has time for. Quite the contrary as he is a very dedicated family man. Rob and his wife Elly have a young daughter,



Sage, and son, Graham, to preoccupy a good bit of their time. That and, of course, Rob's passion of running a dog sled team. Yes, if you are snowshoeing around the woods and see a pack of dogs bearing down on you in a "controlled manner," there is a good possibility that Rob is at the back of the team barking out commands to his Siberian Huskies. It's quite a sight to see and a ride to boot. When and if there is any other spare time in his life, Rob can be found on the many waterways around Vermont running whitewater or enjoying flat-water in his kayaks.

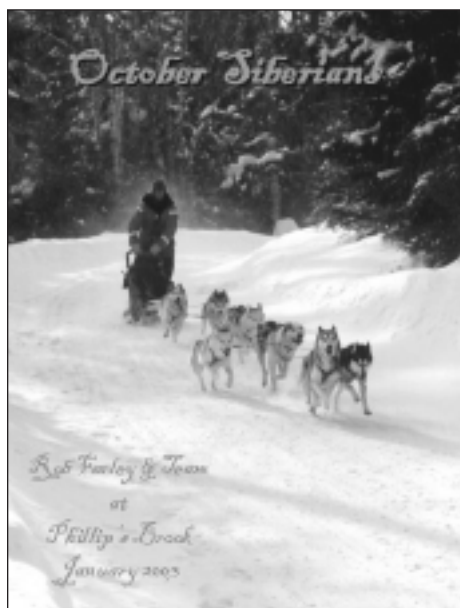
## Consecutive Public Water Systems Discussion

*(continued from page 5)*

review of the new consecutive system before issuing a permit. Once we are satisfied that the new system will have adequate capacity and a permit is issued, the permit would be filed in the municipal land records to provide notice to prospective purchasers of their potential responsibility for operating a public water system.

The Division received many comments on the proposed changes and related issues, and it was decided that we would hold off on any changes for the interim and instead hold additional meetings on the subject. We intend to complete the compilation of the responsiveness summary prior to the next public meeting. Later this spring, we will advertise the date and location for this meeting and invite all public water system officials and other stakeholders to attend. Following that meeting, two focus groups will be formed, one to develop recommendations for addressing the permit process for new line extension projects and the other to address the various issues that have arisen with existing consecutive systems.

**If you have any questions on this process, please contact Eric Blatt at (802) 241-3425 or toll-free in Vermont at (800) 823-5600.**



## OPERATOR TRAINING AND EXAMINATION SCHEDULE

DATE	TIME	CLASS NAME	CONTACT	TCHS	FEE	LOCATION & COMMENTS
April 4, 5 & 10	9:00-12:30	Small Systems Certification Course	VRWA	10	\$50	TBA
April 4	9:00-12:00	Optimize Your Wastewater Pump Station	VRWA	3	\$30	WWTF St Johnsbury
April 10	9:00-3:00	Introduction to Microsoft Excel	VRWA	5	\$60	Springfield Fire District
April 11	9:00-3:00	Intermediate Microsoft Excel	VRWA	5	\$60	Springfield Fire District
April 12	8:00-12:30	Waterworks Math Review	VRWA	4	\$30	Howe Center, Rutland
April 13	9:00-3:00	Introduction to Microsoft Excel	VRWA	5	\$60	Bennington Public Library
April 18	9:00-12:30	Vulnerability Assessment and Emergency Response Plans	VRWA	3	\$30	Howe Center, Rutland
April 18	Full Day	Basic Electricity and Electrical Safety	NEWWA	TBD	TBD	Champlain Water District
April 19	Full Day	Basic Electricity and Electrical Safety	NEWWA	TBD	TBD	Champlain Water District
April 23, 27 & 30	8:30-12:00	Small Systems Certification Course	VRWA	1	\$5	St Leo's Hall, Waterbury
April 26	7:30-3:00	VRWA Annual Conference	VRWA	3.5	\$40/50	Lake Morey Resort, Fairlee
April 27	1:00-5:30	Waterworks Math Review	VRWA	4	\$30	St Leo's Hall, Waterbury
April 30	9:00-12:30	Small Systems Certification Exam Review	VRWA	3	\$2	Howe Center, Rutland
April 30	1:00-4:30	Small Systems Certification Exam Review	VRWA	3	\$20	St Leo's Hall, Waterbury
May 3	9:00-12:30	Operation Maintenance of Campground Water Systems	VRWA	3	\$30	Holiday Inn Express, Springfield
May 4	9:00-12:00	Class 2 Water System Operator Certification Exam	WSD	NA	\$15	Cyprian Center, Waterbury
May 4	1:00-4:00	Class 3, 4 & D Water System Operator Certification Exam	WSD	NA	\$40	Cyprian Center, Waterbury
May 4	9:00-12:00	Class 2 Water System Operator Certification Exam	WSD	NA	\$15	Howe Center, Rutland
May 4	1:00-4:00	Class 3, 4 & D Water System Operator Certification Exam	WS	NA	\$40	Howe Center, Rutland
May 8	9:00-12:00	Optimize your Wastewater Pump Station	VRWA	3	\$30	Enosburg Fire District
May 8	8:00-3:00	Water System Rule Update and Sampling Seminar	VRWA	5	\$50	Howe Center, Rutland

## OPERATOR TRAINING AND EXAMINATION SCHEDULE

DATE	TIME	CLASS NAME	CONTACT	TCHS	FEE	LOCATION & COMMENTS
May 15	9:00-12:30	Operation Maintenance of Campground Water Systems	VRWA	3	\$30	St Albans Recreation Center
May 17	9:00-12:30	Standby Disinfection	VRWA	3	\$30	Plaza Hotel, Morrisville
May 22	8:30-12:0 1:00-4:30	Water System Audits and Water Rate Setting	VRWA	6	\$60	Howe Center, Rutland
May 29	9:00-12:30	Standby Disinfection	VRWA	3	\$30	Howe Center, Rutland
May 31	8:00-3:00	Water System Rule Update and Sampling Seminar	VRWA	5	\$50	St Leo's Hall, Waterbury
June 5	9:00-12:30	How to Prepare for a Sanitary Survey	VRWA	3	\$30	Cyprian Learning Center, Waterbury
June 19	9:00-12:30	Small Water System Vulnerability Assessments & Emergency Response Plans	VRWA	3	\$30	WWTF Brattleboro
June 21	8:30-12:00 1:00-4:30	Confined Space Entry and Trenching Safety Seminar	VRWA	6	\$60	Cyprian Learning Center, Waterbury
June 26	8:30-12:00 1:00-4:30	Water System Audits and Water Rate Setting	VRWA	6	\$60	VRWA Office, Essex

\*Fee is waived for any operator employed by any Vermont Public Community or Non-Transient Non-Community Water System Operator who operates a water system serving a population of 3,300 or fewer.

\*\*Fee is reduced for any operator employed by any Vermont Public Community or Non-Transient Non-Community Water System Operator who operates a water system serving a population of 3,300 or fewer.

\*\*\*Cost is reduced for GMWEA and NEWWA members.

**NEWWA – New England Water Works Association**  
 125 Hopping Brook Road, Holliston, MA 01746  
 Phone: 508-893-7979, Fax: 508-893-9898, [www.newwa.org](http://www.newwa.org)

**VRWA – Vermont Rural Water Association**  
 20 Susie Wilson Road, Suite B, Essex Junction, VT 05452-2827  
 Call: 800-556-3792 or 802-660-4988, Fax: 866-378-7213, [www.vtruralwater.org](http://www.vtruralwater.org)

**GMWEA – Green Mountain Water and Environment Association**  
 VT League of Cities and Towns, 89 Main Street, Suite 4, Montpelier, VT 05602.  
 Contact: Jessica Hill at 802-229-9111, Fax: 802-2292211, E-mail: [jhill@vlct.org](mailto:jhill@vlct.org), [www.gmwea.org](http://www.gmwea.org)

**WSD – Water Supply Division**  
 DEC, Old Pantry Building, 103 South Main Street, Waterbury, VT 05671  
 Toll Free in VT: 800-823-6500 or 802-241-3400, Fax: 802-241-3284, [www.vermontdrinkingwater.org](http://www.vermontdrinkingwater.org)

**For Operator Training:**  
 Contact: Matt Guerino at 802-241-3415 or 800 823-6500, E-mail: [matt.guerino@state.vt.us](mailto:matt.guerino@state.vt.us)

**For Capacity Development:**  
 Contact: Ashley Lucht at 802-241-3424 or 800 823-6500, E-mail: [ashley.lucht@state.vt.us](mailto:ashley.lucht@state.vt.us)

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## 2007 Water Tasting Contest

The Drinking Water Fair Committee welcomes all public water systems to enter the 2007 Water Tasting Contest. As in years past, the Water Tasting Contest will be held on the State House lawn during the Drinking Water Fair on Friday, May 11, 2007. Your water will be tested and judged by selected school students and a panel of judges. Participants will remain anonymous to the students, judges, and all other fair attendees with the sole exception of the winner, who will be announced by Governor Jim Douglas at the end of the fair festivities.

Applications should be received on or before May 1, 2007 to allow time for processing. All participating systems must be in compliance with both State and Federal rules and regulations. There are two categories for this contest, surface water systems and ground water systems. A minimum of two (2) gallons of your water are requested, clearly marked with public water system name, type of system (groundwater or surface water), and contact person on each container supplied by you. The Water System can use a container of their choosing, but glass is strongly recommended. Samples should be drawn within 24 hours of the contest and will be served at room temperature.

We will have a designated area for samples to be delivered to on the State House lawn. Each sample will be categorized and marked with a letter for identification at the time of delivery. **All samples must be in no later than 9 am on May 11, 2007.** For those public water systems who will be unable to send a representative to the fair but want to enter the water tasting contest, there will be a committee member or volunteer collecting water samples at three location across the state on May 10, 2007 (see application for details, page 10).

Please contact the following people with any questions or if you need additional information:

Eric Law – 800-823-6500

Susan Martin – 802-828-4075

Sincerely,

*Vermont Drinking Water Committee*



**JOIN THE FUN! SEE YOU THERE!**

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# Application For Water Tasting Contest

WHEN: May 11, 2007

WHERE: State House Lawn, Montpelier, VT

DURING: Water Week Festivities

Please sign me up! I (we) want to join the FUN! We will be glad to supply 2 gallons of our water to be sampled, so we may claim bragging rights of the BEST TASTING WATER IN VERMONT!

Please fill in all of the following information:

NAME OF SYSTEM: \_\_\_\_\_ WSID # \_\_\_\_\_

ADDRESS: \_\_\_\_\_

TOWN: \_\_\_\_\_ ZIP: \_\_\_\_\_

TYPE OF SYSTEM: Ground Water \_\_\_\_\_

Surface Water \_\_\_\_\_

DROP OFF POINT: Montpelier on 5/11/07 (by 9 AM) \_\_\_\_\_  
*State House Lawn*

Brattleboro on 5/10/07 (Noon and 1 PM) \_\_\_\_\_  
*Chelsea Diner, Route 9 West*

Rutland on 5/10/07 (Noon and 1 PM) \_\_\_\_\_  
*Gill's Deli, Strongs Avenue*

Lyndonville on 5/10/07 (Noon and 1 PM) \_\_\_\_\_  
*Sweet Basil Café, Depot Street*

NAME OF OPERATOR: \_\_\_\_\_

CONTACT PERSON (IF OTHER THAN ABOVE): \_\_\_\_\_

TELEPHONE NUMBER: \_\_\_\_\_ FAX NUMBER: \_\_\_\_\_

APPLICATION FEE: **FREE for 2007**

SEND TO: Vermont Drinking Water Week  
Water Tasting Contest  
89 Main St., Suite 4  
Montpelier, VT 05602

I understand that this water system must be in compliance with all State and Federal drinking water standards to qualify for this contest.

## Flowing Forward

**Ben Gauthier** hit the ground running with a good deal of experience in the world of water supply. He came to us from New Hampshire's Department of Environmental Services where he worked as a technician in the UIC program and Source Water Protection Section of the Water Supply Engineering Bureau. Prior to that, he interned with NH Fish and Game as a Fishery Habitat Technician while he was getting his B.S. in Wildlife Biology from Unity College. Born and Raised in Franklin, NH Ben developed his appreciation for hiking and skiing as well as playing the guitar and traveling. This past summer Ben accomplished one of his long time hiking goals by thru-hiking the AT in reverse from Maine to Georgia.



Ben Gauthier



Megan McKnight

**Megan McKnight** hails from the suburbs of Philadelphia, PA. She went to college at Saint Joseph's University. Following her undergraduate degree she attended the University of South Carolina for her M.S. in Earth and Environmental Resource Management. Post graduation, Megan started her professional career at an Environmental Education center on Saint Simon's Island, GA. She then took employ as a consultant for the School District of Philadelphia and the Baltimore City Public School System on their Lead in Drinking Water projects. For the past 6 months she has been working for VTANR in the Water Quality Division's Wetlands and Stormwater Sections. Megan currently lives with her fiancé, two snakes, turtle, and lizard.

## Core Curriculum Concept

Contributed by  
Matt Guerino,  
*WSD Certification Officer*  
and  
Phil Acebo, *VRWA*

The Vermont Water Supply Division (WSD) and Vermont Rural Water Association (VRWA) have been working hard to develop the Core Curriculum Program to recognize and promote operators who go above and beyond the call of duty. We hope that all operators will take advantage of this new program which will involve technical training beyond the prescribed hours required to maintain certification. During the next year, the WSD and VRWA will be discussing the program in more detail, with a launch date of this program set for early 2008. Stay tuned for more information about the Core Curriculum Program.

Millions of people in the United States rely on a safe and dependable source of public drinking water, thereby making the water system operator vital to protecting health and wellbeing in the community. With ever-increasing technical demands, we recognize that water supply professionals will need to keep current with the latest advances to help insure their personal development and growth, and to enable them to better perform their responsibilities including hydraulic management and water treatment. With this in mind, it's important to maintain and enhance our knowledge and increase exposure to the rapid changes inherent to a highly technical field, thus better understanding the core complexities in the water treatment process.

### Congratulations to all the New Class II, III, IV and D Operators

10/1/2006 to 2/22/2007

DATE ISSUED	CLASS	OPERATOR ID	OPERATOR NAME	CERTIFICATE/LICENSE NUMBER
12/20/2006	4C	OP03127	DUPREY, ALICIA R	2441
11/30/2006	4B	OP02192	PERYEA, JOSEPH C	2738
10/26/2006	3	OP03015	PERKINS, ALLEN R	2724
10/26/2006	3	OP03083	TOWNE, STEVEN M	1898
10/18/2006	2	OP03052	GASCOYNE, JAMES M	2174
10/18/2006	4C	OP03067	KISSEL, BRANDI E	2039
10/18/2006	2	OP03362	GRAHAM, WAYNE W	2718
10/16/2006	3	OP02955	QUAD, BRIAN C	1304
10/ 5/2006	4B	OP02985	BARNES, DEAN W	2317
2/12/2007	2	OP00166	SMITH, WILLARD J	16
2/12/2007	4B	OP03160	SESTITO, PAUL E	2134
2/ 9/2007	2	OP03217	HALAVONICH JR, JAMES M	2307
2/ 9/2007	4C	OP03356	ASSELIN, STEVEN	2797
2/ 9/2007	2	OP03399	CARPENTER, JOHN	2798
1/29/2007	4B	OP03041	LEFEBVRE, ROBERT E	1389

Congratulations to all new operators. We appreciate all your hard work and effort you undertook while reaching your certification. Keep up the good work, *Matthew J. Guerino*.



**Vermont  
Water  
Supply  
Division**

Department of Environmental Conservation  
Old Pantry Building  
103 South Main Street  
Waterbury, Vermont 05671-0403

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If you have any comments or suggestions about this newsletter, please contact the editor, Ryan McCall, at 802-241-3417 or [ryan.mccall@state.vt.us](mailto:ryan.mccall@state.vt.us).

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# Waterline



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