

Minutes of the Technical Advisory Committee Meeting
January 12, 2010

Attendees: Roger Thompson Claude Chevalier
Gerry Kittle Scott Stewart
Gail Center Rodney Pingree
Jeff Fehrs Craig Heindel
Anne Whiteley

Scheduled meetings:

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| February 9, 2010 | 1-4 PM | Room 107 Stanley Hall |
| March 16, 2010 | 1-4 PM | Room 107 Stanley Hall |
| April 13, 2010 | 1-4 PM | Room 107 Stanley Hall |
| May 4, 2010 | 1-4 PM | Room 107 Stanley Hall |

Roger informed the group that Phil Dechert has resigned because the town is no longer responsible for regulating septic systems and due to general workload issues. Roger asked Phil if he has suggestions for a replacement member.

Roger then introduced Jeff Fehrs. Jeff is a licensed professional engineer and a new addition to the Wastewater Management Division as of the past July and has initially been assigned to work on the Underground Injection Control permitting program. Jeff has a background in wastewater treatment facilities and solid waste planning issues and will be working on Innovative/Alternative wastewater treatment system approvals in the near future. Catherine Gjessing, DEC General Counsel, has been assigned to writing an update to the Underground Injection Control Rules and has already developed a partial draft. TAC and the Ground Water Coordinating Committee will have an opportunity to review the proposed rules.

Membership and Participation

There have been a number of resignations from the committee recently including Bernie Chenette, John Forcier, and Phil Dechert leaving the group without a town official and with few professional engineers who are regular attendees. Anne had spoken with John Forcier and Brad Aldrich will be his replacement. Anne also spoke with Peter DeGraff who asked to be added to the mailing list and may be able to attend some meetings. The group also suggested that David Ring and Todd Hill might be interested in serving. Roger suggested that someone from the eastern part of the state would balance the group. With the resignation of John Forcier the group needs to choose another chair. Craig suggested waiting until a future meeting, perhaps after new members are in attendance.

Water Treatment Systems

Anne gave a brief update. She said that a draft had been sent to ACEC (American Council of Engineering Companies) and that she and Roger would be meeting with a

group of ACEC members on January 13th. Anne said that there had been some feedback from the Vermont Plumbing Board with concerns that the proposed exemption language in the Wastewater System and Potable Water Supply Rules might cause some people to believe that the Vermont Plumbing Rules were also subject to the exemption. Anne said she would work on this issue and add language if needed to make it clear that any exemption in the WW Rules only covers the WW Rules.

Gail asked if the design and installation of water treatment systems for contaminants not mentioned in the exemption would continue to require a WW permit and the involvement of professional engineer. Anne said that a permit and engineer would be required.

Water Supply – Design Flow

Scott gave an overview of the past discussion and input from the regional office staff in relation to the handout (tables from section 1-808 of the Wastewater System and Potable Water Supply Rules). Most of the numbers have been revised to include the flow reduction allowance for standard low flow plumbing fixture. Scott noted that based on discussion at previous meetings there may need to be more categories.

Roger asked about the section related to dens with couches. Scott said this was included as an attempt to deal with buildings, particularly in ski areas, where the owners were renting the buildings with dens, lofts, etc with pullout couches to greatly increase sleeping space. Roger suggested that with the bedroom definition that was added to the Wastewater System and Potable Water Supply Rules, this is probably now covered.

There was discussion about the design flow for a deli. It is clear that this category covers a range of operations from where cold cuts are made into sandwiches all the way to full kitchens that cook full meals. Therefore there may be a need to have more than one design flow based on the level of food preparation.

The issue of backflow from water treatment systems was discussed. Based on the proposed exemption language for water treatment systems the Rules will not require a designer to designate a design flow increase based on the installation of a water treatment system. The group believes that only a small number of water treatment systems will use so much water as to cause the failure of the wastewater disposal system and therefore the decision of any impact on the wastewater disposal system will be left up to the landowner and those who design or install the water treatment system.

Agenda for the next meeting

The group will discuss Scott's proposed language related to isolation distances and the variance process. The issue of casing storage will be considered by the subcommittee. Source permitting will be a future topic but the discussion is not far enough along for the next TAC meeting.

Meeting schedule

A meeting is scheduled for February 9th. Future meeting will be March 16th, April 13th, and May 4th.

Items prioritized for discussion with high, low, and medium ranking

1. Soil identification vs. perc test **medium**
2. Curtain drain with presumption of effectiveness **high**
3. Revisions to desktop hydro chart **medium**
4. Minimum amount of sand under a mound **high**
5. Grandfathered design flow and conversion of use policy **high**
6. Updating of design flow chart **high**

Executive Committee

Steve Revell, Lance Phelps, and Roger Thompson
Alternates – Chris Thompson, Spencer Harris, Jeff Williams

Subcommittees

Hydrogeology - Craig Heindel, Dave Cotton and Steve Revell.

Training subcommittee - Roger Thompson, Dave Cotton, and Barbara Willis.

Drip Disposal – Roger Thompson, Dave Cotton, Steve Revell, Alan Huizenga

Water treatment systems – Gail Center, Jeff Williams, Rodney Pingree, Dave Cotton, Lance Phelps, and Roger Thompson.