Approved Minutes of the Technical Advisory Committee Meeting August 26, 2014

Attendees: Roger Thompson Steve Revell

Terry Shearer Peter Boemig
Ernie Christianson Gunner McCain
Craig Heindel Mary Clark
Darlene Autery Ken White

Claude Chevalier

Scheduled meetings:

September 23, 2014 1-4 PM Winooski Con. Rm., National Life – Montpelier

October 14, 2014 1-4 PM Winooski Con. Rm., National Life – Montpelier

Agenda:

No comments.

Minutes:

No comments.

New Staff Member:

Ernie introduced Darlene Autery who will manage the Underground Injection Control Program. Darlene replaces Cindy Parks who has moved to a position a Division Engineer in the drinking water program.

Innovative/Alternative Systems:

Mary gave an overview of the Norweco Hydro-Kinetic[®] Model 600 FEU System. The system uses a combination of activated sludge, aerobic conditions, anaerobic conditions, gravity settling, and effluent filtration. The system has received NSF/Ansi Standard 40 and 245 approvals. The applicant is asking for general use approval but with a limited numbers of installations to date the TAC thinks that a pilot approval is more appropriate at this time. The TAC also asked about the two-tank versus three-tank configuration and the costs related to operation and maintenance of a relatively complex, multi-chambered system.

Rule Review:

Ernie resumed the discussion at section 1-1014 dealing with water system issues. The TAC offered many comments about wording, references, and minor changes. Because

most of this section had been reviewed by the TAC before, there were few major concerns.

Steve asked if the Water Supply Division has signed off on the current draft. Ernie said that they have submitted some comments and may have more before the draft becomes final.

Peter said that he remains concerned about the installation of water treatment systems for multi-family buildings without a permit. While a single family residence has the owner making decisions for his/her residence in a multi-family residence the occupants may be unaware of the contaminants of concern or if the treatment system is being operated effectively.

The TAC also discussed the issues related to closing wells that are not in active use as drinking water supplies. The rules require closure of unused wells, but many people who do not use the wells for drinking water want to either avoid the expense of closure or want to use the well for other purposes such as irrigation. The concern is that non-drinking water wells are not protected from sources of contamination and may become "lost" leaving people unaware even of the existence of the well. This should be further discussed and possibly at least a tracking system for such wells should be maintained.

The group suggested that the 4.5 GPD/linear foot loading rate noted in the exception in 1-903(d)(1)(C) should be reviewed to determine if another number is more appropriate.

Roger asked about the newspaper discussions of increased permitting efficiency. One approach suggested by the commissioner is to make all permits public process permits so that appeals could be limited to the information in the original record. This would have a significant negative impact on wastewater permits which are issued by the thousands and, when related to failed systems, need to be done quickly. Ernie said that he did not think permits subject to the Wastewater System and Potable Water Supply Rules would be included as public process permits.

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Executive Committee: Steve Revell, Ernest Christianson, Roger Thompson

Alternates - Chris Thompson, Spencer Harris, Claude Chevalier, Craig Heindel

Subcommittees:

Hydrogeology

Craig Heindel, Bill Zabiloski, Mark Bannon, Scott Stewart, Steve Revell, Mary Clark, Roger Thompson, Peter Boemig, Ernie Christianson, Spencer Harris

UIC Rules

Craig Heindel, Steve Revell, Roger Thompson, Ernie Christianson, Scott Stewart, Rodney Pingree, Kim Greenwood, Cindy Parks ,John Beauchamp, Gail Center

Wastewater Strength

Mary Clark, Cindy Parks, Peter Boemig, Bill Zabiloski, Roger Thompson, John Akielaszek,

Bottomless Sand Filters

Peter Boemig, Mark Bannon, Cindy Parks, Mary Clark, Denise Johnson-Terk, Craig Heindel, Ernie Christianson

Seasonal High Water Table Monitoring

Craig Heindel, Steve Revell, Roger Thompson, Ernie Christianson, Bill Zabiloski, Dan Wilcox, Mary Clark