# Approved Minutes of the Technical Advisory Committee Meeting

January 10, 2017

**Attendees:** Roger Thompson Rodney Pingree

Bryan Redmond Ernest Christianson

Sarah Vose Claude Chevalier

Justin Willis Denise Johnson-Terk

John Beauchamp Scott Stewart

Steve Revell Mark Bannon

Gunner McCain Peter Boemig

Mary Clark Sille Larsen

Craig Heindel

## **Scheduled meetings:**

March 14, 2017 1-4 PM Winooski Rm. at National Life Bld.

April 4, 2017 1-4 PM Winooski Rm. at National Life Bld.

#### **Minutes:**

The draft minutes of the December 20, 2016 meeting were approved.

#### **New Staff:**

Ernie announced that John Grahame Bradley will be joining the Regional Office Program. He will be located in the central office doing soil and hydrogeologic work.

# **Groundwater Testing Recommendations:**

Ernie circulated an updated draft of the Technical Advisory Committee (TAC) recommendations on groundwater testing by e-mail prior to the meeting. The TAC recommendations will be submitted to the Department of Environmental Conservation as required by previous action of the Vermont Legislature. The Vermont Legislature is considering whether or not to adopt a requirement that the water quality of all new groundwater sources be tested prior to use.

Ernie noted that his latest revisions included:

- 1. removing all references to the cost of testing because these may be changed periodically by the Vermont Department of Health;
- 2. moving all of section #4 of the draft to the appendix;
- 3. removing a section referring to the existing exemption in the Rules for single-family residences because that is already mentioned in the draft recommendations, and in fact, would be the only change if the Legislature imposes a testing requirement because all other sources are already being tested;
- 4. moving some language from the Opinion B section up into the discussion section; and
- 5. removing some language about the occurrence of cancer in Vermont because it included statistics about cancers not related to the consumption of groundwater.

#### Other discussion included:

- 1. existing information about areas in Vermont known to have naturally occurring groundwater contamination from radon, uranium, radium, and arsenic. Additional water quality testing may better define the areas that need extra attention;
- 2. removing comments about when to collect a water sample because there is no scientifically based single time that is ideal. The water quality may vary from when the source is first constructed because the water flow under pumping conditions may draw water of a different quality to the source.
- 3. adding comments about how a new requirement might affect title reviews. Will attorneys doing title reviews need to determine if a new source has been constructed and properly tested? Under the current Rules, replacement sources for a single family residence on its own lot is exempt from permitting requirements so checking State records for permits would not be sufficient;
- 4. adding a comment #9 to the Opinion A section stating support for the State Data Base of water testing results; and
- 5. adding language that notes water quality testing without a requirement that water treatment systems be installed when needed, will not ensure that safe water will be consumed.

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**Executive Committee:** Steve Revell, Ernest Christianson, Roger Thompson Alternates – Claude Chevalier, Craig Heindel

## Hydrogeology

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

#### **Bottomless Sand Filters**

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

#### **Seasonal High Water Table Monitoring**

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

#### Well Driller's Reporting Form

Rodney Pingree, Craig Heindel, Claude Chevalier, Peter Boemig, Mary Clark, Ernie Christianson

#### **Surface Water Sources**

Tim Raymond, John Beauchamp, Ray Soloman, Peter Boemig, Mark Bannon, Claude Chevalier, Perry Thomas, Mark Clark, Scott Stewart, Rodney Pingree, Chris Russo, Ernie Christianson