

Wednesday April 21, 2015

Hosted by the DEC

1st floor conference room 555 Cordova St. Anchorage with teleconference

Attendees in Anchorage: Charley Palmer (DEC), Chris Miller (DEC), Rebecca Baril (DEC), Bill Kranich (WWC), Jim Munter (Hydrogeologist/Consultant), Jeff Warner (DEC)

Attendees via teleconference line: John Craven (Public Water System Officer/Operator), Jacob Dilley (DEC), Wayne Westberg (WWC), Lee Ice (WWC), Chuck Ice (WWC), Pamela Goode (Private Citizen), James Squyres (Private Citizen)

Absent: David Schade (DNR), Craig Seime (WWC), Dan Brotherton (WWC), Jeff Ellison (WWC)

Meeting Minutes

Facilitator: Jeff Warner

Introduction

- Roll Call
- Review of minutes
 - No issues.
- Action Items:
 - Decommissioning BMPs
 - General changes
 - “Grandfathering”
 - Charley: Worked with David Schade to develop a new proposed wording provided in most recent version of the BMP documents.
 - Bentonite backfill
 - Charley worked with Wayne, Jim, and Bill. All changes are in most recent BMP documents sent.
 - 1.0 Purpose
 - Charley: No changes
 - 2.0 Disclaimer
 - Wayne: “You are advised to obtain...” is risky “lawyer language”. Suggested removal and change “your” to “the”.
 - 3.0 Scope
 - Charley: Defer to CS guidance documents for monitoring wells associated with regulated sites
 - Jim: Need to stick in “with” after “... in accordance...”
 - Charley: already done right before meeting
 - Charley: Last sentence changed to avoid legalese with grandfathering.
 - 4.0 Definitions:
 - Charley: Moved into separate document, “Definitions for BMPs” to remove clutter from BMPs and to allow easier editing of definitions.
 - Added reference to separate “Definitions for BMPs” in each if the BMPs.

- 5.0 *Best Practices*
 - Wayne: In 1st paragraph, there are still “shall”s that need to be replaced with “should”s.
 - John: Global, proposed that there be a way to direct the reader from words in the BMPs to their definitions for ease of reading and understanding.
 - Agreed that this was a stylistic change and that this idea could be reviewed when documents are closer to finished product.
 - Wayne: In 2nd paragraph, proposed “this purpose” changed to “these purposes”
 - Agreed
 - Wayne: In 3rd paragraph, proposed removal of guiding principle. Redundant to Scope.
 - Jim proposed to replace “The” with “A” at the beginning of the 3rd paragraph.
 - Agreed
 - Part A: *“Proper Well Maintenance”*
 - Wayne: add “...should include the following elements:” after “Proper Well Maintenance” in Part A title.
 - Wayne: A.1, Add “A” at beginning
 - Jim: A.3, Re-word to not sound so harsh. Remove “Do not store...” at beginning, and add “should not be stored” before “near the well”, at the end.
 - Part B: *“Before filling”*
 - Wayne: Change “filling” to “Backfilling”.
 - Decided a global change throughout the document.
 - Part C: *“Unconsolidated aquifer and is not flowing artesian”*
 - Wayne: change “and” is not a flowing artesian to “that” is not “a” flowing artesian”
 - Agreed and change for similar following situations
 - Backfilling option 1:
 - Wayne: Remove “of the aquifer” in subpart a. “Producing zones of the aquifer”
 - Blanket change for the document in similar sections.
 - Backfilling option 2:
 - Blanket document change: Change “dry bentonite plug” to “plug of bentonite chips or pellets”
 - Subpart b. – move “local drill cuttings” to before disinfection with other backfill materials.
 - Part D: *“Unconsolidated aquifer and is flowing artesian”*
 - Bill proposed that bedrock also be considered in this portion.
 - Jim proposed change to “Unconsolidated and Bedrock that is flowing artesian”
 - Agreed

- Part O.3: Well disinfection/Flushing
 - Jim suggested replacing “expired” with “elapsed”, when referencing disinfection time.
 - Part P: Well seal
 - Jim suggested removing “at the time”.
 - Part Q:
 - James questioned who would provide the materials needed to label wells.
 - Wayne said that no special plates are needed, and that this can be done using by welding or company-provided labels.
 - 7.0 “Best Practices for Installation of Water Pumps for Non-Public Water Wells”
 - General changes:
 - Charley noted that as a result of John’s comments about the flow of the BMPs as it relates to how the work is done, that pieces were moved around and in some cases duplicated, but that the wording or intent was not changed.
 - Part E *Well Cable*
 - Bill noted submersible well cable is not suitable for direct burial to house.
 - Wayne proposed that in well cable, add “submersible cable is not suitable for underground burial.”
 - Agreed
 - Part F *Minimum water well production and testing*
 - Section 1: *Well yield testing*
 - Wayne proposed adding/changing Section 1 to include “Yield test should accurately record everything but not limited to:....”
 - Jim proposed adding “estimated” in front of “sustained productivity from test data...”
 - Charley proposed that this be worked on with a focus group.
 - Charley proposed ending the meeting. Suggested development of a focus group for summer revisions. Will ask by email for those interested in becoming a part of this group. Any changes made would be circulated to the workgroup for final review and discussed at the next meeting in the fall.
 - Chris asked the group if we could re-use the signature pages created to resubmit the edited Decommissioning BMP’s.
 - James requested that the group be given the option to re-sign with new/changed comments or to use the same signature.

Wrap-up and next Meeting

- The next meeting was agreed to be held **tentatively October 6. The date will be discussed in August/September to confirm schedules and availability.**

Action Items:

- Decommissioning BMPs
 - Make suggested changes
 - Submit to group for signature validations and comments.
 - Resubmit proposal to DEC.

- Construction BMPs
 - Make suggested changes
 - Create focus group to continue editing the document
- Confirm October 6 date for next meeting in August/September.

- **Next Meeting is Tuesday October 6, 2015 6:00-8:00pm (tentative)**