

Technical Guidance Committee Meeting Minutes

Thursday, August 6, 2020

9:30 a.m.

Conference Room C
Department of Environmental Quality
1410 N Hilton, Boise, ID

The meeting also accommodated remote participation via phone and Zoom web conferencing with a secured meeting ID.

TGC ATTENDEES:

Peter Adams – Onsite Wastewater Analyst, DEQ (TGC Chair – attended in-person at DEQ)
Joe Canning, P.E. – B&A Engineers Inc. (attended in-person at DEQ)
Mike Reno, REHS – Environmental Health Supervisor, CDHD (attended in-person at DEQ)
Kellye Johnson, REHS – Director of Environmental Health, EIPH
Jason Peppin, REHS – Environmental Health Program Manager, PHD
Kendall Unruh – WEB, Inc. dba/Western Septic & Excavation

GUESTS:

Lori Flook – Administrative Assistant, DEQ
Larry Waters – Wastewater Engineering Bureau Chief, DEQ
Lisa O’Hara – Office of Attorney General, DEQ
Dave Lowe – Lowridge Onsite Technologies, LLC
Paree Godsill – Everlasting Concrete Products
Jason Henderson – Geomatrix, LLC
Sarah Wigginton – Geomatrix, LLC
Keith Taylor – Taylor Morgan, Inc.
Erik Ketner – Environmental Health Section Manager - PHD

CALL TO ORDER AND ROLL CALL

Meeting is called to order at 9:30 a.m.

Introductions were made by the committee members and guests,

Public Comment Period:

Meeting was opened up to public comment at 9:33 a.m. No public comments were received during this time so meeting moved forward.

APPENDIX A

Action Item – May 6, 2020 Draft TGC Meeting Minutes
No comments or edits were made.

Motion: Joe Canning

Second: Mike Reno

Verbal Vote: Unanimously passed. Minutes are approved and will be posted to DEQ’s website within 30 days.

OLD BUSINESS

APPENDIX B

Action Item – OSCAR-II Treatment System Large OSS Design Manual

Joe Canning stated that his firm is working with the OSCAR-II system on several projects at the moment so he removed himself from the discussion.

Time was turned over to Dave Lowe with Lowridge Onsite Technologies. It was reiterated that the TGC would not be approving/rejecting the manual, but with edits made:

- *Page 5, Tables 1 & 2* – reflect the removal of reference to 1500 gallons/day.
- *Page 15, Appendix F: Hydraulic Loading Rates and Appendix G: Effective Soil Depths from IDAPA 58.01.03.013.04* tables were added.
- *Page 23, Appendix N: Vertical Separation Limits* table was added.

It was decided the manual could be used as a reference guide for installers. Dave will post to Lowridge Onsite Technologies' website.

No motion was needed since the committee cannot approve.

APPENDIX C

Action Item – GeoMat™ Leaching Systems Revised Design Manual

Jason Henderson and Sarah Wigginton from Geomatrix, LLC went through the edits listed below:

- Removed GeoMat Edge and GeoMat 600.
- New design steps and minimum required GeoMat added to tables
- New design examples and design worksheets – Page 10, Table 1 can be used for calculating requirements and Sarah pointed out that an example had been included on page 32 of their manual.
- New schematics for Capping Fill Systems
- Wording cleanup and other appropriate changes

Jason P. noted that the several of the diagrams are still referencing ASTM-C33 sand.

Geomatrix stated that they would remove the references. Joe asked about the use of manufactured medium sand on the sides of the filter and if the filter would leach laterally in an A-type soil. Geomatrix stated that this is addressed in the manual and that the filter can border the native material in most cases. Kellye asked who would be responsible for making the decision on which system to use? Geomatrix stated that customers would have access to both products and they would choose which system best fit their specific application.

Motion: Mike motioned for preliminary approval

Second: Kendall with the removal of the references to ASTM C33 Sand

Verbal Vote: Unanimously passed.

APPENDIX D

Action Item – TGM Section 4.19.3.2 Pressurization Unit

No public comments were received.

Motion: Joe

Second: Jason P.

Verbal Vote: Unanimously passed. TGM will be updated to reflect edits.

APPENDIX E

Action Item – TGM Section 1.5.1.5 Installer’s Registration Permit and Service Provider Certification Application, Bond, Fee, Training, and Exam

No public comments were received.

Motion: Mike

Second: Joe

Verbal Vote: Unanimously passed. TGM will be updated to reflect edits.

APPENDIX F

Action Item – TGM Section 4.3.3 Above-Grade Capping Fill System

Edits were made to the section to re-introduce the compaction requirements for Above-Grade Capping Fill Systems that were previously removed. It now reads, “The soil cap shall be compacted to 90% of the existing soils”.

Motion: Joe to preliminarily approve

Second: Kendall

Verbal Vote: Unanimously passed. The section will be posted to DEQ’s website for a 30-day public comment period.

NEW BUSINESS

APPENDIX G

Action Item – TGM Section 3.1 Dimensional Requirements

Peter asked the committee about reviewing the interruption of the “undisturbed soil” requirements with regard to test holes. After discussing it was decided to leave the manual “as is” because IDAPA rule 58.01.03.008.04 is defined the same way. There was no motion taken so no need to vote.

APPENDIX H

Action Item – TGM Section 1.8 Easements

Due to the recent ruling by the Idaho Supreme Court (Fitzpatrick v. Kent, Docket No. 46797), Section 1.8 on Easements will need to be re-written. The ruling stated property owners could not have an easement agreement with themselves so upon the sale of property with an existing

easement a new agreement would need to be drawn up. After much discussion by the committee and Lisa O'Hara from the Attorney General's Office it was decided that a separate meeting should be held outside of the regular TGC Meeting to discuss the changes.

Motion: Mike motioned to table the edits on the section until the committee received further direction from the AG's office.

Second: Joe

Verbal Vote: Unanimously passed.

A 10-minute break was taken at this time and the meeting resumed at 11:10 a.m.

APPENDIX I

Action Item – TGM Section 1.4.2.2 ETPS Approvals AND TGM Section 5.4 ETPS

Peter asked about the language regarding ETPS provisional approval in Section 1.4.2.2.1 and discussed potentially revising list of provisionally approved ETPS products in Section 5.4. The committee discussed removing any "hard dates" in Section 1.4.2.2.1. The committee agreed that the intent of the section was to state that the product must be installed within two years of provisional approval and also gain general approval within two years. If a product gains provisional approval, but hasn't been installed in 2 years, the product is disapproved. There was also discussion about the differences between "installations" and "data-points." Peter asked why the metric of "30 installations/data points" was decided. The TGC suggested that the language of this section be revised to allow for a minimum of 5 units and quarterly data points to be accepted (e.g., 5 installations monitored quarterly could have 30 data points in 1.5 years). Larry Waters suggested looking at old TGC minutes to see why it was written the way it is. Peter stated he would look into the reasoning behind the original language and determine if it is based on peer-reviewed science, and potentially make edits to the "general approval" section for review in the next TGC meeting.

Motion: Mike motioned to table until further research can be done.

Second: Kellye

Verbal Vote: Unanimously passed.

Discussion Item

On-site Wastewater Program Update:

- Rulemaking is currently undergoing review by the Governor's Office
- Potential new memorandum about interpretation of the Rule regarding separation distances to piped irrigation ditches. Peter will work on and present information at the next TGC Meeting.
- Edits to the revised HD-DEQ MOU and the potential need for periodic meetings/calls among the district supervisors and the DEQ to coordinate on state-wide rule interpretations. Mike Reno stated that similar meetings were once in place but have since lapsed.

In conclusion, Lisa O'Hara asked that any questions regarding the easement ruling that come up, prior to the meeting to discuss the changes, be directed to Peter.

The next regular TGC Meeting was scheduled for Thurs., Nov. 5th at 9:30. Peter stated that he will inform the TGC when the special meeting will take place prior to the regular meeting, in order to discuss the revisions to the Easements section of the TGM.

Motion: Mike motioned to adjourn the meeting.

Second: Joe

Verbal Vote: Unanimously passed.

DRAFT