

**Sewage Treatment Systems Technical Advisory Committee
MEETING MINUTES**

Date: Tuesday January 11, 2022
Time: 10:00 a.m.
Place: ODH Complex, 246 N. High Street, Columbus OH 43215

TAC Members in Attendance:

Manufacturer Representative & Committee Chair: Chris Mandich
Ohio Townships Association Representative & Vice Chair: Gary Salmon
Manufacturer Representative: Zak Sherman
Designer: David Chronister
OEHA Registered Environmental Health Specialist: Dan Lark
ODA Soil Scientist: Matt Lane
Public Representative: Chris Schraff
Ohio EPA Professional Engineer: Jonathan Bernstein
AOHC Health Commissioner: Frank Migliozi Trumbull County Health Commissioner
Installer/Service Provider: Chas Kaiser

Absent:

ODH Director of Health Representative & TAC Secretary: Rachel Townsend
Professional Engineer: Joseph Warino
AOHC Health Commissioner: Julianne Nesbit: Clermont County Health Commissioner

Vacant

Academia

Guests

Brett Wieber: Norweco, Inc.
Don Carabin: Norweco, Inc.
Anthony Nosko: Ohio EPA
Kevin Sherman (Virtually): Biomicrobics/Septitech
Charlotte Eichenberg (Virtually): Biomicrobics

ODH participants:

Kyle Bianco
Audrey Blakeman
Dusten Gurney

Addition of Public Comment Period

Chairman Chris Mandich addressed attendees, reminding attendees that a public comment period has been added to the meetings. Those non-members attending should refrain from commenting until called upon during the public comment period.

Welcome and Introductions

The meeting was called to order at 10:04 a.m. Meeting attendees were introduced.

Selection of Chair and Vice Chair

Gary Salmon nominated Chris Mandich to continue serving in the role of TAC Chair. The motion was seconded by Chris Schraff. All were in favor.

Chris Schraff nominated Gary Salmon to continue serving as TAC Vice Chair. Chris Mandich seconded the motion. All were in favor.

Updates on TAC Appointments

The manufacturer representative position held by Zak Sherman expired at the end of 2021. Zak may continue serving for 60 days or until a replacement is formally appointed, whichever occurs first; he is following up on his appointment paperwork previously submitted to Speaker Cupp. Matt Lane has been reappointed. The Academic Representative position held by Karen Mancl expired at the end of 2021, and she is not reapplying. ODH is aware that there is at least one applicant seeking appointment for this vacancy.

Approval/modification to the agenda

Gary Salmon motioned to approve the meeting agenda. Dan Lark seconded the motion. All were in favor.

Approval of December 14, 2021 Meeting Minutes

Chris Schraff motioned to approve the minutes, seconded by David Chronister. All were in favor.

Norweco Singulair 960 Series + AT 1500 UV renewal application seeking renewal for:

- **10,000 Fecal Coliform Reduction (1 ft. soil depth credit)**
- **1,000 Fecal Coliform Reduction (2 ft. soil depth credit)**
- **<200 Fecal Coliform Reduction (Restricted surface spray application)**
- **<20 Fecal Coliform Reduction (Restricted surface spray application)**

At the December 2021 meeting, TAC requested revisions to the application that removed control panel specifications that were not able to comply with requirements specified in O.A.C. 3701-29-12(M)(3). Norweco, Inc. submitted the requested revisions. Matt Lane asked if TAC members found the revisions agreeable, and Chris Mandich agreed that they were. Chris Schraff motioned to approve the application, seconded by Zak Sherman. All were in favor.

BioMicrobics RetroFast series seeking renewal for:

- **Utilization to retrofit existing systems**

Kevin Sherman presented the Biomicrobics Retrofast renewal application to the TAC. He explained that this product is used to retrofit sewage treatment systems to remediate biological stresses on leachfields. The product uses a coarse bubble aerator that oxygenates the effluent, which reduces biotmat clogging in the drainfield.

Data for this product was collected in British Columbia, Canada, over a 14-month period in 2003; 8 samples were collected during startup and 40 additional samples were collected during operation. Additional field data was collected from Table Rock Lake in Missouri. In summary, the data showed a CBOD range of 2-28 mg/l, a TSS range of 3-170 mg/l, and a total nitrogen range of 3-39 mg/l. Kevin explained that there are two distributors for the Retrofast product in Ohio, with Streamkey reporting to the manufacturer that there are two systems currently retrofitted in the state.

TAC members discussed whether there was a standard for remediation products and Kyle Bianco explained the OAC 3701-29-13(L) requires TAC review and Director approval for products that differ in design or function from those authorized in rule. Kevin Sherman clarified that Biomicrobics was

previously approved and that this is a renewal. Biomicrobics would like to have a “letter of no objection” for use of the product. TAC members questioned the two systems in Ohio, and Kevin explained that the distributor works with an installer to ensure appropriate use of the product—it is only used for soil absorption remediation in very specific situations.

TAC members questioned how the product is inserted into existing tanks and Kevin elaborated. Frank Migglioni asked for clarification regarding which circumstances the Retrofast product is appropriate for and expressed concerns about older leachfields experiencing channelization into curtain drains. Kevin explained that the product is specifically for poorly draining leach fields resulting from biological clogging.

TAC members discussed the possibility of adding conditions or stipulations to a product approval and agreed that there needed to be conditions assuring that the product was only used in specific scenarios. Zak Sherman spoke of similar products and how well they do in abating public health nuisances caused by effluent surfacing—these products are effective in removing the biomat and allowing the systems to continue functioning instead of needing to be replaced.

There was additional discussion about adding stipulations, conditions, warnings, or restrictions to the use of the Retrofast product to ensure that it is only utilized in the specific remediation scenarios. Kevin stated that the product had a checklist to ensure that the Retrofast was being used in the correct applications, but it was noted that the checklist was inadvertently omitted from the application. There was further discussion of the need to add restrictions to remediation products. TAC members were hesitant to “approve” a remediation product and raised several concerns about real estate transfers and homeowners who are attempting to repair failing systems. TAC members did not want to add a false “stamp of approval” but were not opposed to allowing the use of the product. There were questions about how to categorize remediation products without any guidelines in rule, and whether ODH could provide some guidance on how to classify the product and add terms and conditions for use along with the approval. Chris Mandich suggested a remediation product category that would clearly outline what these products may be used for and discussion about the possibility of a special device approval ensued.

Chris Mandich asked Kevin Sherman to send the design criteria that was omitted from the application and asked ODH to investigate and report back to TAC on how this approval might be granted. Chris Schraff motioned to table the application until the February meeting, seconded by Dan Lark. All were in favor.

TAC Draft Annual Report

Chris Mandich asked if there were any comments for the TAC Draft Annual Report. He asked ODH if it was correct that there were 15 requests from 6 manufacturers and 1 denial. Kyle confirmed this information. Chris Mandich motioned to approve the content, seconded by Chris Schraff. All were in favor.

Public Comment Period

Chris Mandich asked if any non-members in attendance would like to address the committee. Brett Weiber asked where the minutes from previous TAC meetings could be viewed, and Dusty Gurney explained where to find the minutes on the ODH website.

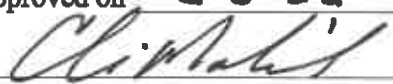
Next Meeting:

The next meeting is tentatively scheduled for February 8, 2022.

Adjourn

Gary Salmon motioned to adjourn the meeting, seconded by Chris Schraff. All were in favor, and the meeting was adjourned at 11:11 a.m.

Approved on 2-8-22



Chris Mandich, Chairman

as signified by:



Kyle Bianco, Secretary