

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

Date: Tuesday, May 14, 2019
Time: 10:00 a.m.
Place: BWC/OSOSH
13430 Yarmouth Drive
Pickerington, Ohio

TAC Members in Attendance:

Manufacturer Representative: Zak Sherman
ODH Director of Health Representative & TAC Secretary: Rachel Townsend
Designer: David Chronister
Ohio EPA DSW Engineer: Brian Hall
Professional Engineer: Walt Sandefur
Ohio Townships Association Representative: Gary Salmon
Public Representative: Christopher Schraff
ODA Soil Scientist: Matt Lane
Installer/Service Provider: Chas Kaiser
Academic: Karen Mancl

Absent:

Manufacturer Representative & Committee Chair: Chris Mandich
OEHA Registered Sanitarian & Vice Chair: Dan Lark, Lake County General Health District
Julianne Nesbit, Clermont County Health Commissioner

Vacant:

AOHC Health Commissioner

Guests:

James Conley: Hydro-Action
Don Carabin: Norweco
Dewey Conrad: Ecological Tanks Inc
Paul Rice: Tangent Company
Rene Dye: Wastewater Solutions

Other ODH participants:

Dusten Gurney
Audrey Blakeman

Welcome and Introduction:

The meeting was called to order at 10:10a.m. by Rachel Townsend ODH Director of Health Representative & TAC Secretary. Meeting attendees were introduced.

TAC Appointments Update

ODH has been informed that AOHC is working on getting their vacancy filled. Zak Sherman's appointment to represent manufacturers has been renewed.

Approval/modification to the agenda

Rachel Townsend asked if there were proposed modifications to the agenda. When there were none, Rachel requested that Tangent Company, LLC be placed on the agenda to hand out the product application for the Landsaver 600GPD MBR, which will be in front of TAC for consideration on the June 2019 meeting agenda. Gary Salmon motioned to approve the amended agenda, seconded by Zak Sherman. All were in favor and the motion was approved.

Approval of April 9, 2019 Minutes

Rachel asked if there were any requests to amend the draft minutes of the April 2019 meeting. There were none. David Chronister motioned to approve the minutes and Gary Salmon seconded the motion. All were in favor.

Ecological Tanks Inc.

At the April meeting, Ecological Tanks, Inc. requested a modification to add models AA500-50 and AA500T-50 to the previous NPDES approval for the Aqua Aire Series. The request was tabled, and TAC requested that Ecological Tanks, Inc. provide documentation from NSF stating that these models would meet NSF requirements. In addition, the TAC requested that product schematics from previously approved Aqua Aire models be submitted for comparison with the AA500-50 and AA500T-50.

Ecological Tanks, Inc. supplied the requested information to the TAC and Dewey Conrad was present to answer questions.

Walt Sandefur asked if these tanks were tested at NSF with pretreatment tanks. Mr. Conrad answered that these models were tested without the pretreatment tanks but that the manufacturer recommends that pretreatment tanks be utilized with their units. Chas Kaiser asked if there were problems with existing Aqua Aire models that created a need for a 500-gallon pretreatment tank. Mr. Conrad stated no, that the bigger pretreatment tank simply acts as a trash trap and helps with unit maintenance. Mr. Kaiser asked if these tanks had effluent filters prior to aeration unit. Mr. Conrad answered no.

Chris Schraff made a motion to approve the submitted modification, seconded by Walt Sandefur. All in favor, motion carried. Karen Mancl abstained.

Draft Calculating Spreadsheet for Product Data

Walt Sandefur provided updates concerning the draft calculating spreadsheet. Walt continued working to resolve the issue with the date column on the spreadsheet, in which errors occur when dates are entered. Ohio EPA staff has been able to resolve the date issue using visual basic coding in excel. There was discussion surrounding the advantages and disadvantages of using a special coding language in this spreadsheet.

Walt would like to make this spreadsheet available to manufacturers as a beta version through ODH and ask that those manufacturers report any “bugs” that are encountered as they use the spreadsheet to analyze product data. Walt will forward the spreadsheet to ODH. ODH will work with legal counsel to determine the necessary disclaimers that should be included on the spreadsheet.

Field Data Discussion

Rachel handed out a tentative outline of the proposed product renewal requirement appendix to be added to the TAC Standards and Guidelines for discussion. TAC members asked questions and provided feedback for various areas of the outline.

There was discussion about requiring field data from soil-based treatment trains that do not have a dedicated sampling location. It was suggested that during the first round of product renewal, manufacturers of non-discharging products be able to utilize the most recent test facility data from their current treatment train. Additionally, those non-discharging systems will need to specify where the sampling location will be, so future field samples can be collected.

Discussion was held concerning service providers and collection of NPDES samples. OAC 3701-29-19 (D)(2) requires that a service provider must provide service to every component of the system. Clarification will be added to the manufacturer authorization of service providers that they will be required to provide annual NPDES sampling services for the system owner unless the local health department has accepted that responsibility.

Due to time constraints, it is proposed that 36 samples (3 samples each from 12 pretreatment components) will need to be submitted for the first round of product renewal applications, so TAC members wanted the appendix to specify in the title that this appendix is for 2020-2025 product renewals. In the second round of renewals, it is anticipated that the appendix will be updated to specify that a minimum of 48 field data points will be required for renewal submission in accordance with existing TAC Standards and Guidelines.

TAC members would like for this product renewal appendix to be approved no later than the July 9, 2019 meeting so the Standards and Guidelines can be updated, and renewal notices sent to the manufactures that have products that must be renewed before December 31, 2020.

Additional Updates



The Tangent Company application for the 600GPD LandSaver MBR was handed out to the TAC members that were present and mailed to those that were absent. This application will come to the TAC committee at the June 2019 meeting.

Next meeting:

The next TAC meeting is scheduled for June 11, 2019 at BWC/OCOSH.

Adjourn:

Motion to adjourn was made by Chris Schraff and seconded by Zak Sherman. Motion carried, and the meeting was adjourned at 12:25 p.m.

Approved on  6/11/2019 as signified by 
Chris Mandich, TAC Chairperson
Dan Lark TAC Vice Chairperson
Rachel Townsend, Secretary