

**Agenda for the Thursday March 7, 2019 Meeting of the
Roane County Environmental Review Board
Roane County Courthouse**

Attendees:

Present	Absent
X	
	X
X	
X	
X	
	X
X	
X	
	X
X	

- *Martha Deaderick, General Member
- *Charlotte Bowers, County Commission Representative
- *Dr. Timothy Joseph, General Member
- *Mary Anne Koltowich, General Member
- *Janice Moody, Recorder
- *David Reichle, Lifetime Member (votes if present)
- *John Shaw, Chairman
- *Shirley Stone, General Member
- Tim Suter, County Executive’s Office Representative
- *George Winebarger, General Member
- *Voting Member

Quorum Present: Yes

Other Attendees: Brad Stephenson, State of Tennessee Department of Environmental & Conservation (TDEC)
 Don Miller, Oak Ridge Environmental Quality Advisory Board (EQAB) member
 Wende Doolittle, EQAB member
 Kelley Smith, EQAB member
 Atilio Anzellotti, EQAB member

Meeting Location: Roane County Courthouse, J. Frank Qualls Commission Room

Proceedings

Call to Order 6:00 pm: Chairman John Shaw called the meeting to order at 6 P.M.

Changes To and Approval of Agenda: A motion was made to approve the March 7, 2019 agenda by TJoseph and 2nd by MAKoltowich. Vote to approve was unanimous.

Changes To and Approval of the February 7, 2019 Meeting Minutes: A motion was made to approve the February 7, 2019 Minutes by TJoseph and 2nd by MDeaderick. Vote to approve was unanimous.

Recognition of visiting Oak Ridge Environmental Quality Advisory Board (EQAB) members

- JShaw welcomed the EQAB and TDEC members and asked everyone to introduce themselves starting with members of the RCERB.

Public Comment: None

Board Business – Active

- 1) DOE EMDF CERCLA Landfill, New Site 7C (Martha Deaderick)
 - a) Discussion of October 2018 Roane County Commission Resolution 10-18-23 and planned rescinding of it.

- JShaw said Ron Woody sent him a pre-press copy that Ron Woody is going to present on Monday, March 11, 2019 at the Roane County Commission Meeting. Ron Woody will propose to Commission that they rescind Resolution No. 10-18-23.
 - JShaw read the Resolution No. 03-19-04 to everyone.
 - See attachment: Res 02-19-xx Rescinding EMDF Landfill ERB – ERB Feedback.pdf
 - MDeaderick ask Brad Stephenson to provide TDEC’s position on the landfill.
 - Brad Stephenson said TDEC’s position/key concerns has not changed since the RCERB Workshop on January 3, 2019.
 - See attachment: 1) EMDF Fact Sheet.pdf
 - See attachment: 2) Projected GW Level.pdf
 - See attachment: 3) Groundwater Graph.pdf
 - See attachment: 5) EMWMF_EMDF_RRS_Formal_Dispute_EPA_08_24_18.pdf
 - JShaw said he would email the EQAB members the RCERB January 3, 2019 Workshop Minutes if they would provide their email addresses. Attending the January 3, 2019 Workshop were members of TDEC, TN Department of Health, TN Department of Health for Roane County, Roane County Executive, Roane County Commissioner Randy Ellis, Retired ORNL Health Physicist, and RCERB. EQAB did provide their email addresses.
 - Brad Stephenson said Mercury containment was/is a major concern.
 - Brad Stephenson said there was a 4-month long fish kill from July to October 2018 at Y-12 East Fork Popular Creek.
 - See attachment: Fish Kill at Y-12 letter.pdf
 - See attachment: MercurySpill_Y12-201807.pdf
 - See attachment: TDEC Fish Kill at Y-12.pdf
 - See attachment: TN0002968.Complete Pkg Fall-Winter Report.pdf
 - See attachment: TN0002968.Att 4-WRRP FY18 Year-End Monitoring Update.16-jan-19.pdf
 - See attachment: TN0002968.Att 7-OF200 MTF Project Update.16-jan-19.pdf
 - See attachment: November DMR Y12.pdf
 - See attachment: 12122018 Complete Pkg TIE TRE.pdf
 - See attachment: See attachment: MercurySpill_Y12-201807.pdf

b) Approval of rescinding resolution.

- JShaw asked for a motion to approve Resolution 03-19-04. Motion was made by GWinebarger and 2nd by TJoseph. Vote to approve was 6 “yes” and MDeaderick voted “no”.

2) TVA Kingston Fossil Plant Ash Spill – Lawsuit developments (Mary Anne Koltowich)

- a) Discussion on soccer field sampling plan from TDEC.

- JShaw said TDEC has submitted their Surface Soil and Ambient Air Sampling Work Plan, and that plan was sent to TVA.
 - See attachment: FINAL Surface Soil Sampling Work Plan TDEC.pdf
- JShaw said TVA has sent their comments on the sampling plan.
 - See attachment: TVA Comments to Roane County Surface Soil Work Plan.pdf
- JShaw said a friend who worked at the ash spill site said there was solid ash spill about 30 feet down in the soil. This friend is terminal and only has about 3 months to live.
- JShaw said based on his friend's comments, RCERB sent a draft KIF Recreation Sampling Resolution to Ron Woody for the safety of workers, recreational users, etc.
 - See attachment: KIF_Recreation_Area_Sampling_Resolution-DRAFT-20190120.pdf

b) Approval of resolution for Roane County Commission to conduct sampling.

- JShaw asked for a motion to approve KIF Recreation Area Sampling Resolution Draft 20190120 to be sent to the Roane County Commission. Motion was made by TJoseph and 2nd by MDeaderick. Vote to approve was unanimous.

c) EPA Changes to Coal Ash Rule (John Shaw)

i) Coal Combustion Residuals (CCR) website –

<https://www.epa.gov/coalash>

3) Invasive aquatic species (plants and fish) in Watts Bar Reservoir/WBEFC progress (Tim Joseph).

a) Invasive plant activities, including Final report to the County Commission.

- TJoseph said the WBEFC report is almost finished and will be presented to the Commission on March 11, 2019.
- TJoseph said there will be a meeting on Saturday, March 9, 2019 to finalize the report.
- TJoseph handed out the updated Recommendation Section, and asked the RCERB for their changes, comments, and/or suggestions.
- TJoseph said the Core of Engineers (COE) developed a bibliography titled the Relationship between Fish and Aquatic Plants.

See

https://www.researchgate.net/publication/235017029_Relationships_Between_Fish_and_Aquatic_Plants_A_Plan_of_Study

- See attachment: Relationships_Between_Fish_and_Aquatic_Plants_A_Pl.pdf
- TJoseph said he summarized this bibliography in the WBEFC report.

b) Asian silver carp activities.

- TJoseph said he was working on a report on Asian Silver Carp.

4) Tiger Haven – Update and TDEC sampling (Mary Anne Koltowich/Janice Moody)

- JMoody said she sent Josh Frazier's, TDEC, sampling results to RCERB, and Josh Frazier said a report to be developed later.

- JMoody said she was going to send GWinebarger's and JShaw's updated charts including graphs back to Josh Frazier for his comments.
- 5) Hanford Site lawsuits regarding cleanup and safety of workers (George Winebarger)
 - GWinebarger said no new developments.
- 6) TN State TN H2O Plan regarding improvement of the waters of Tennessee (George Winebarger)
 - GWinebarger said this is in progress.
- 7) DNFSB Changes as a result of DOE Order 140.1 (Charlotte Bowers)
 - JShaw said CBowers is following.
- 8) Y-12 Mercury Spill (July 2018)
 - See attachment: MercurySpill_Y12-201807.pdf
 - a) Graphic review of locations
 - JShaw created a graphic regarding the water intakes.
 - See attachment: PoplarCreekVsKingstonWaterSupply.pdf
 - b) TDEC failure to notify Roane County
 - JShaw said no agency notified Roane County of the Mercury Spill and fish kill.
 - Brad Stephenson said the Division of Water Resources maintains the permits for National Pollutant Discharge Elimination System (NPDES), and Division of Water Resources was notified.
 - See <https://www.epa.gov/npdes>
 - Brad Stephenson said TDEC's Division of Remediation was not directly involved; the Division of Water Resources oversees NPDES permits, monitoring, and reporting. Brad said he would send a link to the TDEC web site with the correspondence and reports related to the incident. [After the meeting, Brad emailed the following link.]

http://environment-online.tn.gov:8080/pls/enf_reports/f?p=9034:34051:0::NO:34051:P34051_PERMIT_NUMBER:TN0002968

Special Note: GWinebarger said on "Watching Item G", there is an NBC Article that said China is turning away recycle material.

- See attachment: Recycling Article.pdf

Board Business - Watching

- a) Y-12 Mercury Treatment Plant Project (Martha Deaderick)
- b) ORNL Entombment of Molten Salt Reactor (John Shaw)
- c) Small Modular Reactor Project - Clinch River Breeder Site & Draft EIS (John Shaw/Mary Anne Koltowich) Website: <https://www.nrc.gov/reactors/new-reactors/esp/clinch-river.html>
- d) TVA Kingston Fossil Plant Revised Biological Sampling Plan (Mary Anne Koltowich/Tim Joseph)
- e) Indian Shadows
- f) DOE Security Contracts

1. EPA Superfund Site: Clinch River Corporation, Harriman

<https://cumulis.epa.gov/supercpad/SiteProfiles/index.cfm?fuseaction=second.cleanup&id=0405465>

g) Microplastics in TN rivers, including Clinch, Tennessee, and Emory

1. TN Citizens for Wilderness Planning

2. Information from Tin Can (Martha to send out article links)

- See attachment: Recycling Article.pdf

Outside Participation Activity Opportunities

- TN Environmental Conference, March 18-20, 2019, Meadow View Conference Center, Kingsport.
- Environmental Show of the South, May 2019, Chattanooga.
 - MAKoltowich said she was attending this conference.
 - TJoseph said he was attending the conference in Johnson City.

Next RCERB Meeting: Scheduled for Thursday, April 4, 2019.

Adjourn: 7:30 p.m. TJoseph made a motion to adjourn and MDeaderick 2nd.

Incoming Documents (Attachments):

- Res 02-19-xx Rescinding EMDF Landfill ERB – ERB Feedback.pdf
- 1) EMDF Fact Sheet.pdf
- 2) Projected GW Level.pdf
- 3) Groundwater Graph.pdf
- 5) EMWMF_EMDF_RRS_Formal_Dispute_EPA_08_24_18.pdf
- Fish Kill at Y-12 letter.pdf
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- KIF_Recreation_Area_Sampling_Resolution-DRAFT-20190120.pdf
- Relationships_Between_Fish_and_Aquatic_Plants_A_Pl.pdf
- PoplarCreekVsKingstonWaterSupply.pdf
- Recycling Article.pdf

Recap of past year's RCERB Meetings:

February 7, 2019: Quorum (7/9): Routine board business

January 3, 2019: Quorum (7/9): TDEC Workshop; Routine board business

December 6, 2018: Quorum: (6/9): Routine board business

November 1, 2018: Quorum (6/9): Routine board business

October 4, 2018: Quorum (5/9): Officer elections; Routine board business

September 6, 2018: Quorum (5/8): Routine board business

August 7, 2018: Quorum (6/9): Routine board business

July 5, 2018: Quorum (6/9): Routine board business

June 7, 2018: Quorum (7/9): Routine board business

May 3, 2018: Quorum (7/9): Routine board business

April 5, 2018: Quorum (8/9): Welcome new RCERB member appointees; Routine board business

March 1, 2018: Quorum (4/6): Introduce candidates for new RCERB members; Routine board business