

# Oak Ridge Reservation Communities Alliance

December 4, 2018 at 2:00 pm

Location of meeting: Tennessee Department of Environment and Conservation, DOR, ORO

**Members Present:** **Ron Woody**, Roane County Executive; **Jody Zorsch**, proxy for Morgan County Executive; **Ellen Smith**, Proxy for City of Oak Ridge, **Terry Frank**, Anderson County Mayor

**Members Absent:**

**Others Present:** **David Adler**, DOE; **Brad Stephenson**, TDEC; **Bud Yard**, TDEC; **Kristof Czartoryski**, TDEC; **Chris Thompson**, TDEC; **Amy Fitzgerald**, COR; **Dallas Dyce**, COR; **Scott Stout**, RCOES; **Traci Cofer**, RCOES; **Renee Crowe**, RC; **Jamie Kinard**, RC; **Doug Colclasure**, Citizen; **Luther Gibson**, Citizen

**PURPOSE OF MEETING:** *(Agenda attached)*

**CALL TO ORDER:** Chairman Woody called the meeting to order at 2:03 pm, declared a quorum, and asked for introductions to be made around the room.

**I. WELCOME AND OPENING COMMENTS:**

Chairman Woody welcomed everyone to the meeting and began review of the agenda.

**II. APPROVAL OF MINUTES:**

A **motion** made by **Ellen Smith** and a second was made by **Terry Frank** to accept the minutes from the September 2018 meeting. On a voice vote the motion **passed**.

**III. DISCUSSION AND NECESSARY ACTION ITEMS**

a. David Adler gave an update on all the DOE site projects.

i. Records of Decision (ROD)

The draft record of decision should be completed by February.

ii. Status of Proposed Landfill

A contract on the construction of the plant is pending.

b. Kristof Czartoryski of TDEC reported on several topics including: (See Attached TDEC Report)

i. Briefing on letter dated Nov 1<sup>st</sup> regarding new sampling of Lower Watts Bar, White Oak Dam, and Bear Creek Valley Projects

ii. FY19 Workplan Update

iii. Status of Negotiations on the State/DOE agreements

**IV. REPORTS**

- i. Fiduciary Report was submitted electronically by the City of Oak Ridge staff (See attached)
- ii. Activity reports were submitted electronically to COR staff (See attached)

**V. OTHER BUSINESS**

- i. The next scheduled meeting is on March 25, 2019 at 2pm.

**VI. ADJOURN**

The meeting concluded at 3:09 pm

Submitted by: Traci Cofer, RCOES

# Oak Ridge Reservation Communities Alliance (ORRCA) Meeting

December 4, 2018; 2:00 pm

Tennessee Department of Environment and Conservation, DOR

Oak Ridge Office

## AGENDA

- II. **Welcome and Introductions** Chairman Woody
- III. **Approval of Minutes** All
- IV. **Discussion and Necessary Action Items** All
  - a. DOE Site Project Updates
    - i. Records of Decision (ROD)
    - ii. Status of Proposed Landfill
  - b. TDEC Report
    - i. Briefing on letter dated Nov 1<sup>st</sup> regarding new sampling of Lower Watts Bar, White Oak Dam, and Bear Creek Valley Projects
    - ii. FY19 Workplan Update
    - iii. Status of Negotiations on the State/DOE agreements
- V. **Reports**
  - a. Fiduciary Report and updates from the City of Oak Ridge OR City Staff
  - b. Oak Ridge Site Specific Advisory Board Activities RC Staff
  - c. Roane County Environmental Review Board Activities RC Staff
  - d. Environmental Quality Advisory Board
- VI. **Other Business**
  - a. Report on the DOE Intergovernmental Meeting in November 2018.
  - b. Tentative Dates for 2019 Meetings
    - i. March 25, 2019
    - ii. June 24, 2019
    - iii. September 23, 2019
    - iv. December 2, 2019
- VII. **Adjourn**





## Updates from State and Federal Agencies: TDEC

### Grant negotiations and funding

The Oak Ridge Reservation Environmental Surveillance Oversight Agreement (ESOA) among the department of Energy, the National Nuclear Security Administration and the state of Tennessee was executed on 11/30/18.

- It provides for the foundation/basis for the ESO Grant.
- ESO Grant is in the process of being resubmitted for 7 months ending on June 30, 2019.
- How is this will affect ORRCA:
  - o The ESO Grant will provide for ORRCA one half of the FY2019 funding for the next 7 months (\$89,094 on the annual basis).

For the FFA, the Memorandum of Agreement between the U.S. DOE-OREM and TDEC regarding the recovery of expenses as described in the FFA Section XXXV was executed on 11/30/17.

- It includes Attachment 1 that identifies categories of activities which parties presumptively agreed are consistent with National Contingency Plan as allowable cost.
- On 11/13/18 TDEC Commissioner sent a letter to OREM Manager responding to OREM suggestions to TDEC reduce funding request in its FFA Grant application.
- OREM Manager responded with the letter of 11/27/18 specifying that DOE will provide TDEC \$4,000,000 in funding each Fiscal Year from 2019 through 2023.
- FFA Grant is in process of being put together for the reduced amount of funding.
- TDEC DoR will realize 9.5% decrease from the previous year combined funding.
- How is this will affect ORRCA:
  - TDEC is proposing in the FFA Grant application to reduce ORRCA funding by 4.25% or about \$3,800 on annual basis. We do not have exact number yet.

## Environmental Management Status:

### 1. ETP Remedial Action

- Zone 1:
- Final Soils ROD not approved to date  
Remaining issues: not all PCCR's for Zone 1 RA work have been submitted and approved, inability of tri-parties to reach agreement on fly ash issues – is the CCR (coal combustion residual), in part, relevant and appropriate, in particular, the permeability requirement. EPA argued that the CCR standards would apply as an ARAR and that depth and permeability tests of the ash cap would be required. DOE did not think the standards applied.
- I-ROD work:
  - Duct Island ESD complete - (Explanation of Significant Differences) signed in August added remedial actions (soil excavation) in Duct Island that addressed ecological risks. The ESD was necessary as the Zone 1 I-ROD did not address eco risk.
  - Duct Island Ecological RA complete
  - K-770 Soil Cover ROD Amendment in progress
  - Electrical vaults DQO in progress
  - K-720 Fly Ash Pile
  - Upcoming PCCR's: Duct Island Eco, K-770 Soil Cover, Ponds/Powerhouse (revised)
- Zone 2
- Soil characterization/RA work continues in about a dozen EU's
- TCE/Tc-99 remediation and confirmation sampling continues
- Slab removals continue
- Several DQO's scheduled over next 6 months
- Water management dispute
- ETTP Reindustrialization
- Access Portals and Roads CDR under review

### 2. ETP D&D

- Central Neutralization Facility (CNF) – demolition completed in April 2018
- K-633 Test Loop Facility – demolition completed in July 2018
- Toxic Substances Control Act (TSCA) Incinerator Facilities – demolition completed in September 2018

- Predominantly Uncontaminated Facilities and Low Risk/Low Complexity Facilities – numerous facilities demolished in 2018
- Building K-1037 – deactivation continued in 2018

### 3. ETP Groundwater

- The main focus at ETP, regarding groundwater, is the main plant area feasibility study. As there was an evident lack of site characterization, DOE has put together a sampling analysis plan to place wells at roughly 20 different locations. These wells will primarily consist of bedrock wells with depths of 75-100 feet. However, a few unconsolidated wells will also be installed. DOE recently awarded a contract to M&W drilling to perform this work. DOE would like to start drilling as soon as possible.

### 4. EM Landfills

#### - EMDF:

- On September 7, 2018, DOE released a Proposed Plan for public review and comment.
  - DOE extended the comment period through December 10, as requested by ORRCA members (City of Oak Ridge and Roane County).
  - CERCLA (Superfund) requires DOE to respond to public comments in the Record of Decision (ROD), currently scheduled for submittal February 9, 2019.
- On September 28, 2018, EPA elevated a dispute over wastewater management/treatment (discharge limits) from EMWMF and the proposed EMDF. The dispute is ongoing.
- As required by the December 2017 RI/FS Dispute Resolution Agreement (DRA), DOE is monitoring groundwater levels and stream flows at the Central Bear Creek Valley (CBCV) site in accordance with the approved April 2018 Phase 1 Field Sampling Plan (FSP).
- DOE is also collecting similar “Phase 2” data at CBCV to support the design of the proposed facility.
- DOE is planning preliminary work to relocate infrastructure (roads and utility lines) in preparation for construction of the proposed facility.
- DOE’s Low-Level Waste Disposal Facility Federal Review Group (LFRG) is reviewing assessments of the proposed facility’s performance and potential impacts from additional disposal in Bear Creek Valley.



5. Y-12

- EM Clean-up

- Removal of the COLEX equipment from the west side of the Beta 4 complex is complete. The mercury waste will be shipped offsite in the coming months, and then the project Completion Report will be submitted in March of 2019.
- The Biology Complex demolition project has begun and the first three ancillary facilities were demolished and the waste shipped to the Y-12 Industrial Landfill. The Completion Report was approved in November 2018. The remaining larger Biology Complex facilities will be demolished in 2019.
- The Sampling and Analysis Plan for the Beta 4 complex was approved in October 2018 and characterization of this mercury contaminated building will begin in 2019.

- Mercury Treatment

- The final document Remedial Design Report for the Outfall 200 Mercury Treatment Facility was approved in early 2018. Early construction activities at the headworks started in March 2018 and are almost complete.

6. ORNL

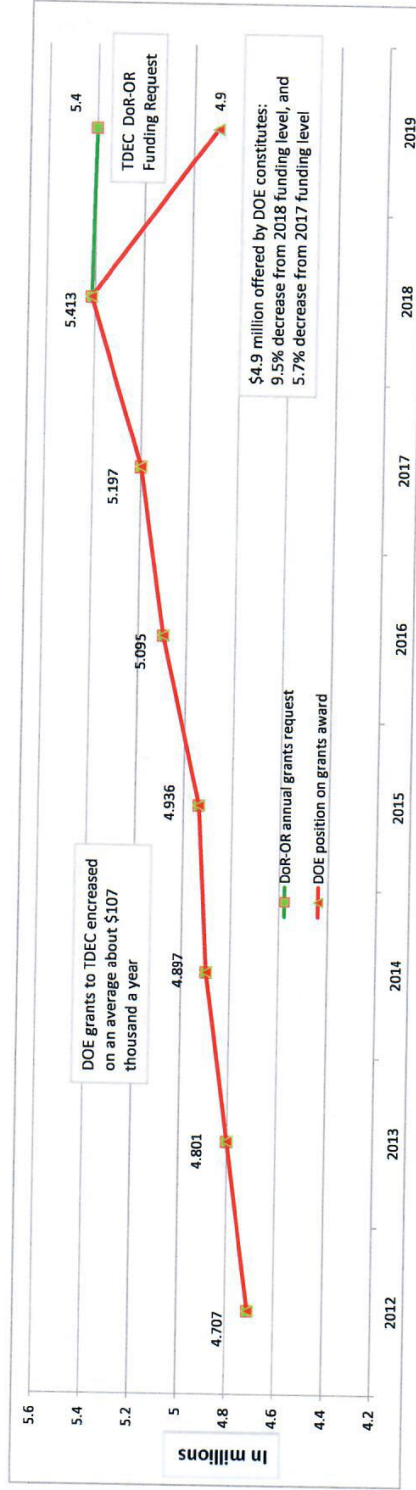
- In a standby mode until more funding becomes available. However, there are continuous occurring activities related to S&M and planning for GW investigations.
- DOE submitted a RIWP for BV/MV groundwater exit pathways.
- Continued monitoring of past remedial actions from the Melton Valley and Bethel Valley RODs.
- Remedial activities remain from the Bethel Valley Interim ROD (buildings and soils).
- S&M challenges include maintenance of collection system sumps and management of S&M waste.



DoR-OR annual grants w/out Neptune: DoR-OR annual grants request DOE position on grants award Individual grants

Year	DoR-OR annual grants w/out Neptune	DoR-OR annual grants request	DOE position on grants award	Individual grants
2012	4.707	4.707	4.707	
2013	4.801	4.801	4.801	
2014	4.897	4.897	4.897	
2015	4.936	4.936	4.936	
2016	5.095	5.095	5.095	
2017	5.197	5.197	5.197	FFA
2018	5.163	5.413	5.413	4
2019	5.4	5.4	4.9	1.163
TDEC/DoR Proposed 4.5 FFA / 0.9 ESOA				DOE position
TDEC/DoR Proposed 4.5 FFA / 0.9 ESOA				DOE position

DOE goal is to reduce ESOA grant to about 0.7 million in few years  
Some TDEC environmental monitoring was moved to FFA based on OREM suggestion



DOE Grants to TDEC



**Tennessee Oversight Inter-Local Agreement Grant  
As Allocated by Resolution for Budget FY19**

	<u>Budget FY19</u>	<u>As of 9/30/18</u>	<u>Remaining</u>
<b>Allocated</b>			
<b>Emergency Preparedness &amp; Technical Review</b>			
Anderson County	\$ 20,000.00	\$ 5,000.00	\$ 15,000.00
Roane County	20,000.00	4,227.26	15,772.74
City of Oak Ridge	28,000.00	14,900.00	13,100.00
Knox County	5,000.00	-	5,000.00
Morgan County	5,000.00	1,250.00	3,750.00
	<u>\$ 78,000.00</u>	<u>\$ 25,377.26</u>	<u>\$ 52,622.74</u>
<b>City of Oak Ridge Overhead</b>	\$ 17,000.00	\$ 4,250.00	\$ 12,750.00
	<u>\$ 17,000.00</u>	<u>\$ 4,250.00</u>	<u>\$ 12,750.00</u>
<b>Reimbursement</b>			
<b>TDEC/DOE Intern</b>			
1st Semester	\$ 5,000.00	\$ -	\$ 5,000.00
2nd Semester	5,000.00	-	5,000.00
	<u>\$ 10,000.00</u>	<u>\$ -</u>	<u>\$ 10,000.00</u>
<b>Travel Conferences/Meetings</b>	\$ 28,188.00	\$ 1,078.81	\$ 27,109.19
	<u>\$ 28,188.00</u>	<u>\$ 1,078.81</u>	<u>\$ 27,109.19</u>
<b>Allocated &amp; Reimbursement</b>			
<b>Memberships, Subscriptions, &amp; Public Education</b>			
ECA Membership/Subscription	\$ 10,000.00	\$ 7,500.00	\$ 2,500.00
Public Education/Outreach	30,000.00	-	30,000.00
	<u>\$ 40,000.00</u>	<u>\$ 7,500.00</u>	<u>\$ 32,500.00</u>
<b>ORRCA Website</b>			
Design & maintenance	\$ 5,000.00	\$ -	\$ 5,000.00
	<u>\$ 5,000.00</u>	<u>\$ -</u>	<u>\$ 5,000.00</u>
	<u>\$ 178,188.00</u>	<u>\$ 38,206.07</u>	<u>\$ 139,981.93</u>



**Tennessee Oversight Inter-Local Agreement Grant  
Summary of Grant Funds Available for Fiscal 2019**

	<u>FY19 Funds Available</u>	<u>FY19 Actual as of 9/30/18</u>	<u>FY19 Remaining</u>
Professional Fees	\$ 105,000.00	\$ 29,627.26	\$ 75,372.74
Supplies	5,000.00	-	5,000.00
Travel	28,188.00	1,078.81	27,109.19
Other Non-Personnel	40,000.00	7,500.00	32,500.00
<b>Total</b>	<u>\$ 178,188.00</u>	<u>\$ 38,206.07</u>	<u>\$ 139,981.93</u>



