

Oak Ridge Reservation Communities Alliance

February 29, 2016

2:00 pm

Location of meeting: Tennessee Department of Environment and Conservation
Oak Ridge Oversight Building

Members Present: **Terry Frank**, Anderson County Mayor; **Warren Gooch**, City of Oak Ridge Mayor; **Ron Woody**, Roane County Executive

Members Absent: **Tim Burchett**, Knox County Mayor; **Don Edwards**, Morgan County Executive

Others Present: **John Owsley**, Tennessee Department of Environment and Conservation, DOE Oversight Division (TDEC); **Chris Thompson**, TDEC; **Madelynn McCormick** (Intern), TDEC; **Amy Fitzgerald**, City of Oak Ridge; **Dallas Dyce**, City of Oak Ridge; **Nick Sisco**, (Intern) City of Oak Ridge; **Jon Hetrick**, City of Oak Ridge; **Scott Stout**, Roane County Office of Emergency Services; **Traci Cofer**, RCOES; **Steve Oglesby**, Tennessee Emergency Management Agency; **David Martin**, RCERB; **Mary Anne Koltowich**, RCERB; **Bud Yard**, TDEC; **Sue Cange**, DOE; **Mike Koentop**, DOE; **Doug Colclasure**, Citizen of OR; **Jody Zorsch**, Morgan County EMA; **Dale Rector**, Retired-TDEC; **Susan Gawarecki**, GCI

(A sign-in sheet is attached and on file with the minutes.)

PURPOSE OF MEETING:

See attached agenda.

CALL TO ORDER: Chairman Woody called the meeting to order at 2:08 pm, declared a quorum, and made introductions

I. WELCOME AND OPENING COMMENTS:

Chairman Woody welcomed everyone to the meeting and announced the items on the agenda.

II. APPROVAL OF MINUTES:

A **motion** made by **Mayor Frank** and a **second** was made by **Mayor Gooch** to accept the minutes. On a voice vote the motion: **passed**

III. DISCUSSION AND NECESSARY ACTION ITEMS

- a) Blue-Way Report: TDEC Intern, Madelynn McCormick updated the ORRCA members on the progress of the Blue-Way project stating that TDEC will be responsible for signage along the Blue Way and is pushing back reposting for a time of low flow.
- Ms. McCormick asked for permission to explore and apply for grant funding
 - She also suggested a partnership with Adopt-a-Highway and other volunteer organizations for upkeep around the signage areas
 - She's working with TDEC on a meta-analysis for recreational sites

- She reported TDEC is sponsoring an Earth Day cleanup on April 22, 2016.
- b) Mapping Report: COR Intern, Nick Sisco updated the ORRCA members on his project for mapping outfalls for GIS data. He also informed members of the watershed analysis outcomes and the Storm Water Model he has created for the City of Oak Ridge. For more information visit the website: stormwater.oakridgetn.gov
- Amy Fitzgerald from the City of Oak Ridge also spoke about the storm water Ordinance, including the Public Outreach and Education requirement.
- c) Manhattan Project National Historical Park: Oak Ridge city and surrounding county tourism groups continue to plan for and inform the public about the park. There is also a new K-25 website.

IV. UPDATES FROM STATE & FEDERAL AGENCIES

- a) Emergency Planning (TEMA):
- a) Emergency Planning
- i. Steve Oglesby (TEMA) reported that there is a public hearing tentatively set to discuss the Small Modular Reactor for April 12, 2016 at the Pollard Auditorium. Additionally:
- The early site permit should be issued by May 12, 2016, with a construction start-date set for the early 2020's. The Emergency Protective Zone for the SMR has been set for a two-mile radius.
 - Mr. Oglesby requested a letter be written by county officials in support of the Small Modular Reactor
- ii. Steve Oglesby reported that a joint Y-12 Exercise, called EPIC16, is scheduled for June 8, 2016. This exercise will be robust and allow for testing of many aspects of the area emergency response capabilities. This is also a foundational exercise in preparation for the ORNL exercise in 2017.
- b) Environmental Management
- i. John Owsley (TDEC) reported that the oversight agreement was up for renewal in 2016.
- Must draft ORRCA grant proposal by April 2016
 - Include: Scopes of Work

V. DOE ACTIVITIES:

- a. ETPP Reuse (See attached maps)

Sue Cange (DOE) gave the members an update on the status of reindustrialization projects at the K-25 site:

- page 1 –General Overview
- page 2 – Further details the reindustrialization activities
- page 3 –Displays greater granularity of properties in Zones 1&2 (Blue indicates transfers underway by 2020)
- page 4 –Footprint of K-25 facility; K-25 Fire station; Wheat District
- page 5 –Status of Conservation & Recreation Areas (approx. 3,000 acres)

b. Environmental Management

Sue Cange (DOE) informed the members of Vision 2016 & 2020

- 2016 –Completion of the demolition of all 5 gaseous diffusion buildings
- 2020 –Completion of cleanup of remainder of site @ ETPP, including soil excavation and disposal
 - Sodium shields are in storage in the powerhouse and should be done late 2016 through early 2017
 - ETPP tours for officials are a mechanism of the outreach project.

VI. REPORTS

a) Fiduciary Report and Updates from the City of Oak Ridge:

- Dallas Dyce gave the fiduciary report for the use of ORRCA funds: (See attached) A **motion** was made to accept the report by **Mayor Gooch** and a **second** was made by **Mayor Frank**. On a voice vote the motion **passed**.
- Quarterly Report was also given by Ms. Dyce (See attached) A **motion** was made to accept the report by **Mayor Frank** and a second was made by **Mayor Gooch**. On a voice vote the motion **passed**.
- City of Oak Ridge requested \$20,000 of unallocated ORRCA funds for emergency preparedness activities and for technical review of documents. **Mayor Gooch** made the **motion**; without a second the motion **failed** to pass.
- Upon further discussion, Chairman Woody made a motion for preliminary approval of \$10,000 be allocated to assist the City of Oak Ridge with emergency preparedness activities to improve response capabilities. **Motion** was made by **Mayor Frank** and **second** by **Mayor Gooch**. On a voice vote the motion **passed**.
- A resolution will be drafted to allocate funding emergency preparedness activities to improve response capabilities

- b) Oak Ridge Site Specific Advisory Board Activities – RCOES Director, Scott Stout reported that the SSAB sent a recommendation to DOE on the Zone 1 cleanup.
- c) Roane County Environmental Review Board Activities – Mary Anne Koltowich stated they are still reviewing the Ferguson Report. Mayor Frank requested a discussion and review of the Ferguson Report be put on the agenda for the next ORRCA meeting.
- d) Environmental Quality Advisory Board- No report given

VII. Meeting (ECA, DOE Annual Interlocal, ETC):

- a. Chairman Woody reported that several ORRCA members will be attending the ECA meeting in Washington, D.C. in May 2016.
- b. Some of the ORRCA members will also be attending the ECA's National Cleanup Workshop on September 14-15, 2016.

VIII. OTHER BUSINESS

- a) Tentative dates for 2016 quarterly meetings:
 - Monday, May 31st, 2016 @ 2pm
 - Monday, August 29, 2016 @ 2pm
 - Monday, December 5, 2016 @ 2pm

ADJOURN

- The meeting concluded at 3:35 pm.

Prepared by: Traci Cofer, Roane County OES; ORRCA Secretary

Oak Ridge Reservation Communities Alliance (ORRCA) Meeting

February 29, 2016 @ 2pm

Tennessee Department of Environment & Conservation, DOE-Oversight Office

761 Emory Valley Road, Oak Ridge, TN

AGENDA

- | | |
|--|--------------------|
| II. Welcome and Introductions | Chairman Woody |
| III. Approval of Minutes | All |
| IV. Discussion and Necessary Action Items | All |
| a) Blue-Way Report | Intern –Madelynn |
| McCormick | |
| b) Mapping Report | Intern –Nick Sisco |
| c) Manhattan Project National Historical Park | |
| V. Updates from State And Federal Agencies | |
| a) Emergency Planning | TEMA |
| i. Small Modular Reactor Update | |
| ii. EPIC16 Y-12 Exercise – June 8, 2016 | |
| b) Environmental Management | TDEC, EPA |
| VI. DOE Activities | |
| a) ETPP Reuse | |
| b) Environmental Management | |
| VII. Reports and Approvals | |
| 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 | |
| VIII. Meetings (ECA, DOE Annual Intergovernmental, Etc.) | |
| a) ECA – Meeting in Washington, D.C. : 2 nd week in May | |
| b) ECA – National Cleanup Workshop: September 14-15, 2016 | |

IX. Other Business

a) Tentative dates for 2016 quarterly meetings:

- i. Monday, May 31, 2016 @ 2pm
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- iii. Monday, December 5, 2016 @ 2pm

X. Adjourn

Topic: ORRCA Meeting

Meeting Sign-In

NAME	EMAIL	Representing
Made McCormick	madelynn.mccormick@tn.gov	ORRCA HDEC
Dale Rector	dale.rector.dn@gmail.com	Me
Sue Conge	Sue.Conge@oregon.de.gov	DOE
M. L. Koehn	m.l.koehn@oregon.de.gov	DOE
STACE OGBURN	soeburn@TNEMA.ORG	TNEMA
Maryanne Koltz	koltzsmithna@gmail.com	RCERB
Jon Hetrick	jhetrick@oakridgetn.gov	COR
DAVID MARTIN	RCERB	
Doug Collier	DOUGCOLIER@APC.CO	Citizen of O.R.
John Dowsley	John.Dowsley@tn.gov	TDEC
Charles (Bud) Yard	bud.yard@tn.gov	TDEC
Ellen Smith	esmith@oakridgetn.gov	COR
Dallas Duce	olduce@oakridgetn.gov	COR
Nick Sisco	nsisco@oakridgetn.gov	COR
Amy Fitzgerald	AFITZGERALD@OAKRIDGETN.GOV	COR
SUSAN SAWARECKI	SLSAWARECKI@GMAIL.COM	GCI
Chris Thompson	Chris.P.Thompson@tn.gov	TDEC
Terry Frank	tfrank@andersontn.org	And. Co.
Joby Zursch	EMERMSMT@highlands.net	emerge co EMA
Scott Stout	Scott.Stout@roane-county-tn.gov	RCDES
Traci Cofe	traci.cofe@roane-countytn.gov	RCDES

STORMWATER IN OAK RIDGE.

CITY OF OAK RIDGE



**38 SQ
MILES**

PERMIT TYPES

- Small Municipal Separate Storm Sewer System (Phase II)
- General Stormwater Pollution Permit for municipalities >10,000
- Addresses non-point source solution through multiple control measures

US DEPT OF ENERGY



**52 SQ
MILES**

- Individual NPDES permits
- Stormwater regulations tailored to each plant
- Outfalls are monitored for site specific pollutants

CONTROL MEASURES

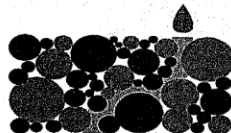
CONSTRUCTION SITE RUNOFF



GIS MAPPING



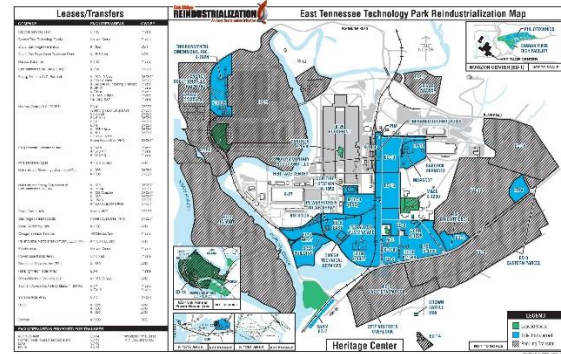
BEST MGMT PRACTICES



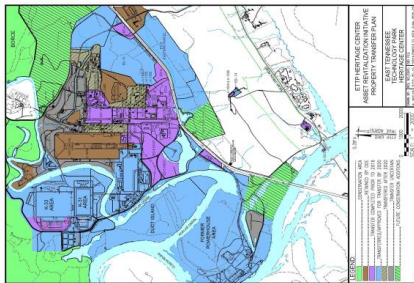
- Review Site Plan to ensure erosion controls are addressed.
- Capture the first inch of rainfall on-site
- Abide by new City Stormwater Ordinance
- Map outfalls that discharge into US waters
- Set up GIS stormwater sewer system database
- Detect, identify and eliminate illicit discharges
- Encourage citizens and developers to invest and deploy BMPs like pervious concrete, rain gardens, etc.



stormwater.oakridgetn.gov



OREM has a Comprehensive Property Transfer Plan for all of ETP



3

Key Areas Will be Set Aside for Historic Preservation Objectives



4

Conservation and Recreation are Being Integrated into Reuse Efforts



5



**Tennessee Oversight Inter-Local Agreement Grant
As Allocated by Resolution for Budget FY16**

	<u>Budget FY16</u>	<u>As of 12/31/15</u>	<u>Remaining</u>
Emergency Preparedness			
Anderson County	\$ 15,000.00	\$ -	\$ 15,000.00
Roane County	15,000.00	7,500.00	7,500.00
City of Oak Ridge	15,000.00	11,300.00	3,700.00
Knox	5,000.00	-	5,000.00
Morgan	5,000.00	-	5,000.00
	<u>\$ 55,000.00</u>	<u>\$ 18,800.00</u>	<u>\$ 36,200.00</u>
TDEC Intern			
1st Semester	\$ 4,000.00	\$ 4,268.32	\$ (268.32)
2nd Semester	4,000.00	-	4,000.00
	<u>\$ 8,000.00</u>	<u>\$ 4,268.32</u>	<u>\$ 3,731.68</u>
Manhattan Project National Park Promotion			
Anderson County	\$ 5,000.00	\$ -	\$ 5,000.00
Roane County	5,000.00	-	5,000.00
City of Oak Ridge	5,000.00	-	5,000.00
	<u>\$ 15,000.00</u>	<u>\$ -</u>	<u>\$ 15,000.00</u>
ORRCA Website			
Website Design & Maintenance	\$ 5,000.00	\$ 333.26	\$ 4,666.74
	<u>\$ 5,000.00</u>	<u>\$ 333.26</u>	<u>\$ 4,666.74</u>
DOE Environmental Plan			
Intern	\$ 15,000.00	\$ 5,464.55	\$ 9,535.45
	<u>\$ 15,000.00</u>	<u>\$ 5,464.55</u>	<u>\$ 9,535.45</u>
Energy Community Alliance Expenditures	\$ 14,169.00	\$ -	\$ 8,881.69
Anderson County		1,151.35	
Roane County		4,135.96	
City of Oak Ridge		-	
	<u>\$ 14,169.00</u>	<u>\$ 5,287.31</u>	<u>\$ 8,881.69</u>
City of Oak Ridge Administration	<u>\$ 15,000.00</u>	<u>\$ 7,500.00</u>	<u>\$ 15,000.00</u>
Unprogrammed	<u>\$ 40,742.00</u>	<u>\$ -</u>	<u>\$ 40,742.00</u>
	<u><u>\$ 167,911.00</u></u>	<u><u>\$ 41,653.44</u></u>	<u><u>\$ 133,757.56</u></u>