

# Oak Ridge Site Specific Advisory Board Monthly Meeting



Wednesday, August 13, 2025, 6 p.m.

The mission of the Oak Ridge Site Specific Advisory Board (ORSSAB) is to provide informed advice and recommendations concerning site specific issues related to the Department of Energy's (DOE's) Environmental Management (EM) Program at the Oak Ridge Reservation. In order to provide unbiased evaluation and recommendations on the cleanup efforts related to the Oak Ridge site, the Board seeks opportunities for input through collaborative dialogue with the communities surrounding the Oak Ridge Reservation, governmental regulators, and other stakeholders.

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1. The Recommendation Process & You
2. SSAB Recommendation Flowchart

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2. Officer Slate
3. Draft June 11, 2025, Full Board Meeting minutes for approval

### **REPORTS & MEMOS**

1. FY 2025 Incoming Correspondence

### **REFERENCE INFORMATION**

1. Abbreviations & Acronyms
2. Calendars: August & September (draft)



**Oak Ridge Site Specific Advisory Board**  
**Annual Meeting**  
**Wednesday, August 13, 2025, 6 p.m.**  
**DOE Information Center & Virtually via Zoom**

**AGENDA**

6:00–6:05..... Welcome (5)

- Opening Remarks – A. Jones
- Comments from agency representatives – E. Olds
- Comments from R. Petrie, K. Czartoryski, S. Urquhart-Foster

6:05–6:45..... OREM Program Overview, topics, and work plan– R. Petrie (40)

6:45–7:15..... Input on Work Plan (30)

- Suggestions from EPA (10)
- Suggestions from TDEC (10)
- Suggestions from Members (10)

7:15–7:25 ..... Process and Plan for Issue Groups/Recommendations – M. Noe (10)

7:25–7:40..... Public Comment Period (15)

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*This ends the presentation portion of the meeting*

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7:40–7:55..... Board Business (15)

- Update on EM Stewardship – C. Moore
  - Discuss and vote on Budget Recommendation
- Officer nominations update - M. Noe
- June 11, 2025 Meeting Minutes – H. McCurdy

7:55–8:00..... Closing Remarks – M. Noe, A. Jones (5)

- Next Meeting – September meetings cancelled; meet October 8, 2025

## **The Recommendation Process & You**

1. **Topic presentation given to the board at its monthly meeting as assigned from the work plan.**
  - a. The board meeting is where you will receive the most comprehensive overview of the topic from an expert on the issue. The expert outlines the challenges they are trying to solve, the remediation actions being taken currently and how those are progressing, and any future plans, etc. The most recent recommendation will be provided, if applicable, to help orient you to previous discussion on the topic. Ask questions!
  - b. For some topics, a tour may also provide an opportunity to become more educated on the issue and ask additional questions. It's a great idea to take your notes with you on the tour to review and ask additional questions as you think of them. Bring new insights to the upcoming committee discussion.
2. **The EM & Stewardship Committee meets for follow on discussion.**
  - a. The committee will decide whether or not to make a recommendation and begin crafting it
  - b. This is a working meeting. A subject matter expert will be on hand for detailed questions as members discuss potential recommendation items. Issue group members should gather ideas from the committee's discussion.
3. **The Issue group, led by an issue manager, further discusses the issue and compiles ideas into a draft document.**
  - a. The first duty of the issue group is to select an issue manager to facilitate the discussion and compile the group's thoughts into a coherent list.
  - b. Communication by the issue group can be in person or via email; staff can assist with meeting space on site, or members may go elsewhere.
  - c. Staff can assist with background and discussion portions of the document. Actual recommendation directives must come from the members.
4. **The Issue manager finalizes the draft and presents it for discussion and vote at a future EM & Stewardship Committee meeting**
  - a. Complex issues may take more than one meeting to resolve, but timeliness is also important.

## **The Recommendation Process & You**

5. **The EM & Stewardship Committee votes on the recommendation.**
  - a. It may approve the recommendation or send it back to the issue group for further development
  - b. Returns for edits may happen more than once, but once a vote is passed there may be no further discussion or changes.
6. **The approved recommendation sent to the Executive Committee.**
  - a. The Executive Committee may make minor edits.
  - b. It will voted to put the recommendation to the full board or it may choose to send the draft back to committee for additional work
7. **The board discusses the recommendation.**
  - a. If not passed unanimously, the recommendation may include a written minority opinion to accompany the recommendation.
  - b. The board may make additional edits or return the recommendation to the committee level.
8. **The approved recommendation is sent to DOE, which must respond to the recommendation in writing.**

# The Recommendation Process & You

## Desired Qualities in Site Specific Advisory Board Recommendations

Recommendations should be focused exclusively on the EM mission, and primarily on the EM mission in Oak Ridge. If questions exist on the appropriateness of a given subject, please consult with DOE staff.

Ideally recommendations will focus on goals and outcomes, rather than the details of how to reach an outcome. For example, it is helpful to hear from the Board on whether or not they support onsite disposal of any cleanup waste, and thoughts on alternative sites, but less helpful to provide recommendations on the technical details of how to construct a facility. Put differently, try to stay focused on the “big picture” and avoid moving into project management and engineering.

DOE is particularly interested in the Board’s views on the Oak Ridge area’s perspective on EM activities. Remember that this is intentionally established as a citizen’s advisory panel and not a panel of technical experts (though we do have members with strong expertise in relevant areas).

New ideas and cordial critiques are welcome. Don’t hold back, just keep those focus on positive contribution.

## EXAMPLE Recommendation Template

**Title:** Oak Ridge Site Specific Advisory Board Recommendation ### On The Example Topic

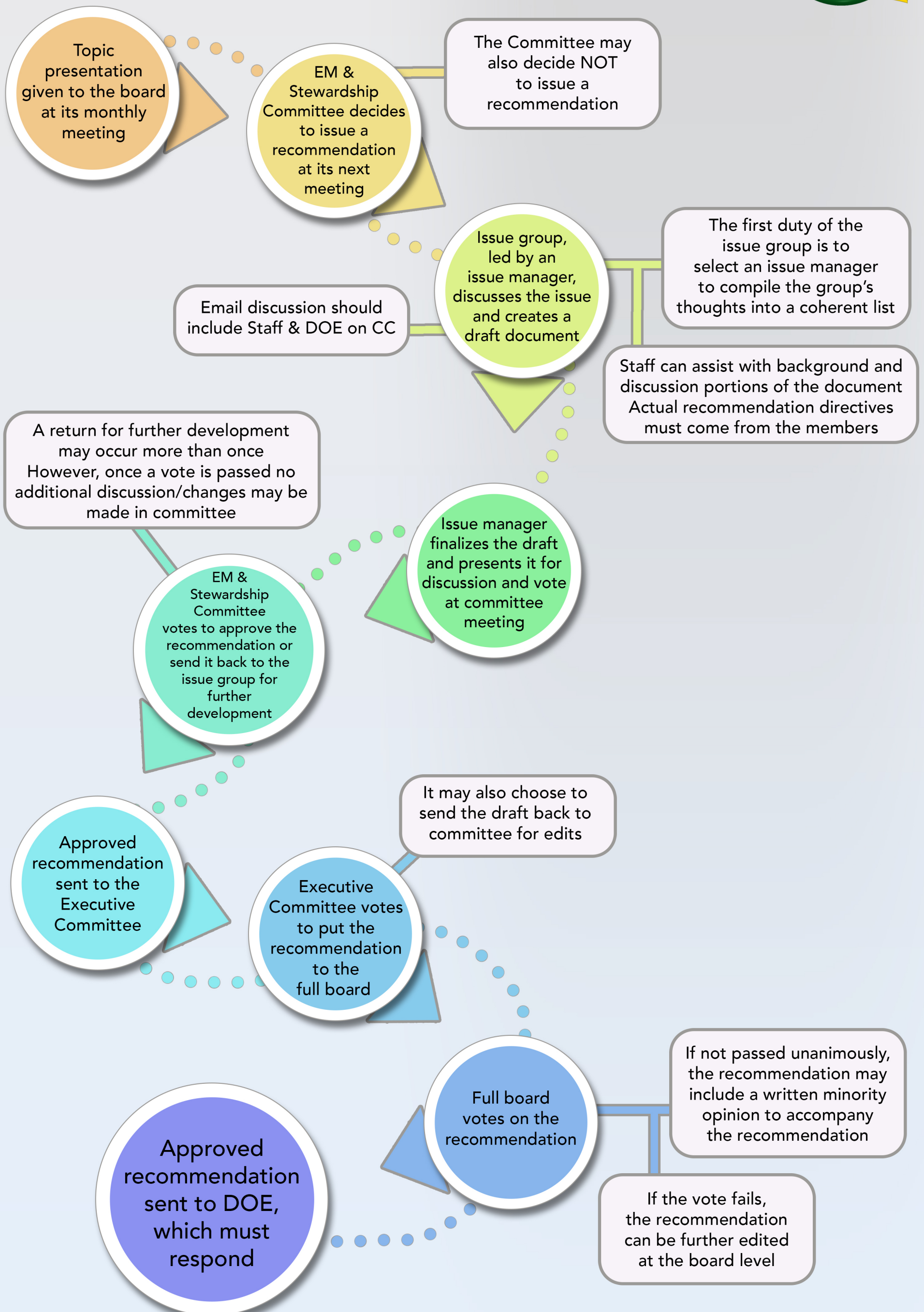
**Background:** *Staff will assist and members may edit.* A few paragraphs giving an overview of the issue and some history, including perhaps previous actions by DOE and partner agencies. Graphics or diagrams that help illustrate the issue.

**Discussion:** *Staff will assist and members may edit.* Brief overview of the history of actions/recommendations by the board on the issue, including the most recent meeting(s).

**Recommendation(s):** Brief summary of the board’s broad feelings on the topic and direction requested to be taken by DOE. Includes a list of particular items or subjects to be addressed and/or actions ranked by importance.



# THE RECOMMENDATION PROCESS





## **Oak Ridge Site Specific Advisory Board Recommendation XXX: On the FY 2027 Oak Ridge Environmental Management Program Budget Priorities**

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### **Background**

Each year the U.S. Department of Energy (DOE) Environmental Management (EM) Program develops its budget request for the fiscal year (FY) two years beyond the current year, including requests from DOE field offices to develop the EM Program budget request to the president.

DOE-EM Headquarters typically issues guidelines to the field offices advising them how much funding they should reasonably expect when developing their FY+2 budget requests. The field offices then brief the public, the regulatory agencies, and the respective site-specific advisory boards and seek input from each regarding budget requests.

On May 14, 2025, representatives from the Oak Ridge Environmental Management (OREM) program presented information about its FY 2027 budget formulation process to the Oak Ridge Site Specific Advisory Board (ORSSAB). This presentation provided content and discussions that ORSSAB used to draft its recommendations.

### **Discussion**

In creating its recommendations for the FY 2027 OREM budget, ORSSAB focused on general near-term and long-term cleanup priorities identified by OREM. Project-specific objectives provided additional details for discussions that took place at the May 28, 2025, EM & Stewardship Committee meeting.

The board also referred to the current [EM Budget Request](#), and the board's [previous Recommendations](#) for additional guidance on budget recommendations.<sup>1</sup>

### **Recommendations**

ORSSAB supports OREM's cleanup plan and recommends fully funding the activities that are currently supported by that Plan for FY 2027, broadly understood as follows:

- Continue demolition of excess contaminated facilities at Oak Ridge National Laboratory (ORNL) and Y-12 National Security Complex (Y-12).
- Accelerate infrastructure development to enable future cleanup at ORNL and Y-12.
  - The primary focus being on the Mercury Treatment Facility construction and operation at the Y-12 National Security Complex.
- Continue disposition of U-233 material and other legacy materials.
  - Nickel, sodium shields, and other materials.
- Continue processing and disposition of legacy transuranic debris and sludges, including contact-handled and remote-handled wastes.
- Maintain and operate facilities at ORNL and Y-12.

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<sup>1</sup> All documents are available on [www.energy.gov/orem](http://www.energy.gov/orem) or [www.energy.gov/orssab](http://www.energy.gov/orssab).



- Continue funding support at ORNL's Aquatic Ecology Laboratory for research into mercury and methylmercury pollution and development of new and improved technologies.
- Continue funding to enable property transfers, including reindustrialization and site reuse support programs, to further the current nuclear renaissance taking place in the Oak Ridge corridor.
  - Efforts from TN Governor Bill Lee, Secretary of Energy Chris Wright, and President Donald Trump show the need for funding support for the nuclear industry.
  - Support research and development activities and fund contracts for academia for the next generation of nuclear workers.

ORSSAB recommends funding the FY 2027 budget to include all activities necessary to complete these cleanup priorities in an effective, timely and safe manner.

OREM and its contractors have continuously demonstrated an effective cost-to-value that leads the nation among federally funded facilities over a significant period of time and are recognized for their cleanup progress. Based on OREM's record of performance and effective project management, ORSSAB recommends additional funding wherever possible to accelerate the FY 2027 cleanup plan. With this support, OREM will continue to play a pivotal role in the nation's nuclear renaissance.

## Oak Ridge Site Specific Advisory Board

# Officer Elections

### Potential Slate of Candidates

Officer elections were announced at the May 2025 meeting. Staff also communicated by email to solicit interest in running for board officer positions.

The following candidates expressed interest in sitting on the Executive Committee for this upcoming year. The following list of candidates is submitted for information purposes. Elections will be held at the October ORSSAB meeting and nominations may be made from the floor at that time.

- Chair:  
**Kris Bartholomew** – Kris is currently vice chair. He has been a member of the board since 2022.
- Vice Chair:  
**Charles Moore** – Charles is currently a Stewardship co-chair and has been a member of the board since 2023
- Secretary:  
**Kelli Thompson** – Kelli has been a member of the board since 2024

As a reminder to all, the following are the rules for the election of Executive Committee officers:

A quorum must be present throughout the meeting.

Chair (or designee): Nominations have been presented for (name) as chair; (name) as vice chair; and (name) as secretary. Are there any further nominations for (chair, then other positions in turn)?

- Any member of the board can put themselves forward for an office at the meeting when nominations from the floor are requested.
- A member can nominate another board member during the meeting **if they have that person's consent**.

The co-chairs of the EM Stewardship Committee are also members of the Executive Committee. Elections for those positions will take place at the October EM Stewardship meeting.

- Co chairs:  
**Laure Clark** – Laure has been a member of the board since 2024  
**Otto Merz** - Otto has been a member of the board since 2024

As a reminder, elected officers:

- Meet virtually approximately once a month (generally the first Wednesday of the month) to discuss board business such as recommendations, following up on action items, and draft/approve meeting agendas;
- Lead the monthly meetings;
- Represent the board at occasional events, such as the EM SSAB Chairs Meeting twice a year to conference with other boards. Likewise, they are given priority for some travel/training opportunities.



*Many Voices Working for the Community*

# Oak Ridge Site Specific Advisory Board

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## *Monthly Meeting of the Oak Ridge Site Specific Advisory Board*

### **DRAFT June 11, 2025, Full Board Monthly Meeting Minutes**

The Oak Ridge Site Specific Advisory Board (ORSSAB) held monthly full board meeting virtually via Zoom and in person at 1 Science.gov Way on Wednesday, June 11, 2025, at 6 p.m. Copies of referenced meeting materials are attached to these minutes. A video of the meeting was made and is available on the board's YouTube, [www.youtube.com/user/ORSSAB/videos](https://www.youtube.com/user/ORSSAB/videos).

#### **Members Present**

Kris Bartholomew  
Mary Butler  
Rosario Gonzalez  
Amy Jones  
Noah Keebler  
Lauren LaLuzerne

Harriett McCurdy  
Otto Merz  
Charles Moore  
Michael Sharpe  
Kelli Thompson

#### **Members Absent**

Raiyan Bhuiyan<sup>1</sup>  
Laure Clark  
Harold Conner, Jr.  
Paul Dill  
Mike Mark<sup>1</sup>

Thomas McCormick  
Melanie Rogers  
Tonya Shannon  
Tom Tuck

<sup>1</sup>consecutive absence

#### **Liaisons, Deputy Designated Federal Officer, and Alternates Present**

Melyssa Noe, ORSSAB Deputy Designated Federal Officer (DDFO), DOE Oak Ridge Office of Environmental Management (OREM)

Roger Petrie, ORSSAB Alternate DDFO, OREM

Kristof Czartoryski, Tennessee Department of Environment and Conservation (TDEC)

Samantha Urquhart-Foster, EPA

#### **Others Present**

Morgan Carden, OREM

Emily Day, UCOR

Abby Hill, OREM

Shelley Kimel, ORSSAB Staff  
Heather Lutz, TDEC  
Eileen Marcillo, TDEC  
Sara McManamy-Johnson, ORSSAB Staff  
Alexandra Shenk, OREM  
Sarah Springer, UCOR  
Michael Vestal, OREM

1 member of the public was present.

### **Liaison Comments**

**Mr. Petrie** – Mr. Petrie gave members an overview of OREM activities since the last board meeting. He began by informing members that OREM Acting Manager Erik Olds was appointed as permanent manager. Next, he discussed demolition progress at Oak Ridge National Laboratory (ORNL), property transfers at East Tennessee Technology Park (ETTP), and an upcoming visit by the EPA regional administrator.

**Mr. Czartoryski** – Mr. Czartoryski said the cleanup in Oak Ridge is receiving a lot of recognition. He said he recently attended a meeting of the Federal Facilities Task Group and Oak Ridge was prominent in the remarks from people from DOE headquarters.

**Ms. Urquhart-Foster** – Ms. Urquhart-Foster said EPA will be signing the final record of decision (ROD) for ETTP Zone 1 groundwater next week.

### **Presentation**

Mr. Bartholomew introduced OREM's Morgan Carden and Michael Vestal to present the meeting's topic, Risk Reduction Activities at ORNL and Y-12 National Security Complex (Y-12).

Ms. Carden began by giving members an overview of cleanup at Y-12, including background, process steps, and key projects – including those completed, those currently underway, and those planned for future activities. Completed projects discussed included the Biology Complex and the Criticality Experimental Laboratory (Building 9213), and current projects discussed included Alpha-2 and Beta-1. Future projects discussed included Alpha-4, Alpha-5, Beta-4, and Building 9401-1.

Ms. Carden gave the following overviews on specific projects:

Biology Complex – This complex originally had 11 facilities in the complex and was built to perform uranium recovery. The mission changed in 1947 to support the study of the effects of radiation on mice and other animals. She said demolition activities started in 2016, and demolition began in February 2021 and was completed in February 2022.

Criticality Experimental Laboratory (Building 9213) – This facility was built in 1949 to perform experiments and collect data from low-energy, potentially chain-reaction assemblies. She said demolition activities started in July 2020, which was around the same time crews were moved from ETTP. Demolition started in May 2022 and was completed in December 2022.

Alpha-2 – She said this is the largest demolition project to-date at Y-12, and it is currently underway. It was originally built for uranium enrichment, but the mission changed over the years

to a variety of different functions. The facility, which was built during the Manhattan-Project era in the 1940s, required various activities be completed before demolition, including asbestos abatement, radiological screenings, and waste removal. She said there was mercury-contaminated piping in the basement that had to be addressed, and the basement also had to be filled with a low-slump material like concrete before demolition for structural stability to allow for heavy equipment to roll over it during demolition. Additionally, OREM coordinated with the NNSA and CNS to reroute above-ground utilities to minimize effects on NNSA activities on the site. Alpha-2 demolition activities began in September 2024 with the demolition of a carpenter shop on the west side of the facility. Demolition of the large part of the facility began in November 2024 and is about 27 percent complete.

Beta-1 – This facility, which was also built for uranium enrichment during the Manhattan-Project era, is the next large building slated for demolition. Like Alpha-2, the mission at this facility changed over the years. In the 1950s, Y-12 transferred it to the Office of Science for research and development activities. In the 1980s, ORNL built a large coil test facility to test superconducting magnets. She said the facility has now undergone all deactivation in preparation for demolition activities, and crews are currently working on preparing the basement for demolition. She said one challenge to this building has been water infiltration; in less than two years, crews have pumped more than 12 million gallons of water from the basement.

Alpha-4 & 9401-1 – Deactivation activities are underway.

Beta-4 – Early stages of mobilization and planning activities are underway.

Alpha-5 – She said this facility will require a lot of planning and preparation to perform deactivation work due to extensive challenges associated with the building, so it will be done after Beta-4. The goal, she said, is to implement lessons learned from deactivation and demolition activities in Alpha-2 and Beta-1 in the larger, higher-risk facilities.

Mr. Vestal began his portion of the presentation by giving members an overview of cleanup at ORNL, including process steps and key projects completed, currently underway, and planned for future activities, as well as challenges associated with planning and conducting cleanup activities at ORNL.

Mr. Vestal said process steps include documentation approvals that must be coordinated with regulators, building deactivation, which involves disconnecting all utilities in the building, removing combustible material, removing waste, characterizing waste and disposing of that waste.

Next, Mr. Vestal described some challenges with the cleanup, including conducting cleanup at an active DOE site, weather conditions and personal protective equipment (PPE) requirements may limit daily working hours, ensuring worker safety in radiological areas, higher technical difficulty and planning, and outdated drawings and lack of information create unknowns.

Mr. Vestal then described some of the successes achieved. He discussed completed demolitions, including the Tritium Target Facility, demolished in 2021, the Building 3026 West Cell Bank, demolished in 2021, the Bulk Shielding Reactor, demolished in 2022, and the Low Intensity Test Reactor, demolished in 2023. Next, he discussed major prep underway for demolitions, including the Graphite Reactor Support Facilities, Isotope Row facilities, the Oak Ridge Research Reactor, and hot cells.

Board members asked the following questions:

- Mr. Bartholomew asked if water infiltration, as described as occurring at Y-12, is as big of a problem at ORNL.
  - Mr. Vestal said the Oak Ridge Research Reactor has a sump pump in the basement to pump out groundwater, and that pump will be removed before the basement is filled with the concrete material. He said the Homogeneous Reactor Experiment also has water in the basement.
- Ms. McCurdy asked if there are recyclable materials included in facilities slated to be demolished at ORNL.
  - Mr. Vestal said the materials would have to be characterized to see whether they are truly recyclable. He said they would have to meet certain requirements to be released for recycling, and he added that there has been some recycling done from a facility that had no radiological issues.
- Ms. Urquhart-Foster said Ms. Carden mentioned a building being condemned during her presentation, and she asked if Ms. Carden truly meant condemned or if she meant demolished.
  - Ms. Carden said she truly meant condemned. She said after all the deactivation and preparation for demolition activities are completed, engineers go through the facility and officially condemn it, after which time no workers are allowed in the building and fall zones are created in preparation for demolition. At that point, the building is ready for demolition. She said the condemnation is only for a very short time frame; as an example, she said Alpha-2's demolition started less than a week after it was officially condemned.

### **Public Comment**

- Public Comment #1 – Mr. Luther Gibson said this presentation would go well with the previous one on assuring waste disposal capacity, and he asked for more information on the volume capacity.
  - Ms. Carden said of the Alpha-2 facility currently being demolished, almost all is going to the Environmental Management Waste Management Facility (EMWMF). Mr. Vestal said of Building 3003, which was about to be demolished at ORNL, the waste volume anticipated is less than 500 cubic yards, and it will be disposed of at the EMWMF.
  - Mr. Gibson then asked if that was in the waste handling plans or if it was documented after in the phased construction completion report (PCCR) or in both.
    - Mr. Vestal described the documentation process involved and said it is in the waste handling plan. Mr. Petrie said the final volumes of what went in each landfill is covered in the PCCRs.

Mr. Gibson gave public comments regarding DOE budget justifications, SSAB material distribution timelines and stakeholder communications, and Federal Facilities Agreement (FFA) party correspondence. A copy of the full comments provided by Mr. Gibson is attached to these minutes. (Attachment 1)

**Board Business/Motions**

- Ms. Jones directed members' attention to the May meeting minutes distributed previously and asked if there were any corrections. Hearing no corrections, Ms. Jones said the minutes stand approved as written.

**Responses to Recommendations & DDFO Report**

Ms. Noe said there were no recommendations. She said DOE is waiting for the board to present its budget recommendation, which is currently in process. She then said there was an EM SSAB staff meeting and one of the items discussed was that headquarters is looking at Fall Chairs' meetings being held virtually and Spring Chairs' meetings being held in person. She said the meeting planned for Hanford, Washington, will be moved to the spring, and it's unclear who will host the virtual meeting in the fall. She said there will not be much travel for the next few months.

- Ms. McCurdy asked how many ORSSAB members might be able to attend the Spring Chairs' meeting. Ms. Noe said one or two ORSSAB members normally attend, and there has been no direction regarding how many at this point.

**Committee Reports**

Executive – Mr. Bartholomew said the executive committee discussed officer elections and the budget recommendation.

EM & Stewardship – Mr. Moore said the budget recommendation is coming along nicely. He said the members have narrowed down the content and now it just needs to be refined for presentation.

**Additions to the Agenda & Open Discussion**

Ms. Jones told members the next meeting will be the Annual Planning Meeting on August 13 at 6 p.m. She encouraged members to make sure to attend because there will be a lot of information. She also reminded members that board elections are upcoming, and she encouraged members to contact staff if they are interested in running for a position.

Ms. Jones asked Mr. Petrie for an update on the Mercury Treatment Facility (MTF). Mr. Petrie said DOE is working with UCOR to re-baseline the project.

**Action Items**

None

The meeting adjourned at 7 p.m.

I certify that these minutes are an accurate account of the June 11, 2025, meeting of the Oak Ridge Site Specific Advisory Board.

Amy Jones, Chair

Harriett McCurdy, Secretary

August 13, 2025

Oak Ridge Site Specific Advisory Board

AJ/sbm





## FY 2025 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
176	5/21/2025	Petrie, DOE	Dawson, EPA	EPA Approval Letter LGWO PCCR Facility and Equipment Pre-Demo/Small-Scale Demo DOE/or/01-2975&D1/A2/R1	DOEIC, Notified board officers of receipt
177	5/28/2025	Petrie, DOE	Young, TDEC	TDEC Comments Explanation of Significant Differences for the Record of Decision for Phase II Interim Remedial Actions for Contaminated Soils and Scrapyard in Upper East Fork Poplar Creek, Oak Ridge, Tennessee: Addition of Exposure Units 15, 16, and 17 (DOE/OR/01-2979&D2)	DOEIC, Notified board officers of receipt
178	5/28/2025	Urquhart-Foster, EPA; Young, TDEC	Clemons & Petrie, DOE	Transmittal of the Erratum for the Remedial Design Report/Remedial Action Work Plan for Soils, Sediments, and Dynamic Characterization Strategy for Bethel Valley, Oak Ridge, Tennessee (DOE/OR/01-2378&D5)	DOEIC, Notified board officers of receipt
179	5/28/2025	Petrie, DOE	Young, TDEC	TDEC Comments: Phased Construction Completion Report for Exposure Unit Z2-16 in Zone 2, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2984&D1)	DOEIC, Notified board officers of receipt
180	5/28/2025	Petrie, DOE	Poe, EPA	EPA Approval Determination – FFA Milestone Extension Request for WWSY	DOEIC, Notified board officers of receipt
181	5/28/2025	Petrie, DOE	Amoroso, EPA	EPA approval of DOE's May 1 letter re milestones for the EMDF WAC compliance plan	DOEIC, Notified board officers of receipt
182	5/29/2025	Petrie, DOE	Young, TDEC	Addendum to the Phased Construction Completion Report for Exposure Unit Z2-30 in Zone 2, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2521&D2/A1)	DOEIC, Notified board officers of receipt



## FY 2025 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
183	5/30/2025	Petrie, DOE	Young, TDEC	TDEC RE: Department of Energy Oak Ridge Environmental Management Fiscal Year 2027 Budget Request	DOEIC, Notified board officers of receipt
184	5/30/2025	Petrie, DOE	Young, TDEC	TDEC Comments RE Record of Decision for Final Soil Actions in Zone 1, East Tennessee Technology Park (DOE-OR-01-2711&D4-R2) (Zone 1 Final ROD)	DOEIC, Notified board officers of receipt
185	5/30/2025	Day, UCOR	Sparks, TDEC	Approval of Permit Scope Changes Signed; SOP-01043; UCOR; Anderson County	DOEIC, Notified board officers of receipt
186	5/30/2025	Adams, EPA	Sutton, DOE	Transfer of the Black Oak Ridge Conservation Easement	DOEIC, Notified board officers of receipt
187	6/3/2025	Petrie, DOE	Poe, EPA	EPA Comment - Addendum for the Removal Action Work Plan for the Y-12 Facilities Deactivation/Demolition Project Oak Ridge, Tennessee: Provisional Management	DOEIC, Notified board officers of receipt
188	6/2/2025	Petrie, DOE	Urquhart-Foster, EPA	EPA Approval: D2 Public Involvement Plan for Activities at the U.S. Department of Energy Oak Ridge Site (OREM 25-8656)	DOEIC, Notified board officers of receipt
189	6/3/2025	Petrie, DOE	Young, TDEC	Fiscal Year 2025 Phased Construction Completion Report for the Oak Ridge Reservation Environmental Management Waste Management Facility (DOE/OR/01-3002&D1)	DOEIC, Notified board officers of receipt
190	6/3/2025	Petrie, DOE	Young, TDEC	Appendix 1-5 Information Assessment for White Wing Scrap Yard, Oak Ridge Reservation, Oak Ridge, Tennessee (DOE/OR/01-2978&D2)	DOEIC, Notified board officers of receipt
191	6/4/2025	Petrie, DOE	Young, TDEC	TDEC Letter for the Remedial Investigation Work Plan for Bear Creek Valley Burial Ground, Oak Ridge Reservation, Oak Ridge, Tennessee (DOE/OR/01-2999&D1)	DOEIC, Notified board officers of receipt
192	6/5/2025	Petrie, DOE	Poe, EPA	EPA Comment Resolution - EOSD for PII Interim Soils ROD UEFPC	DOEIC, Notified board officers of receipt



## FY 2025 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
193	6/6/2025	Petrie, DOE	Young, TDEC	Phased Construction Completion Report for Exposure Unit Z2-39 in Zone 2, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2995&D1)	DOEIC, Notified board officers of receipt
194	6/6/2025	Petrie, DOE	Urquhart-Foster, EPA	EPA approval of 2025 D2 Public Involvement Plan	DOEIC, Notified board officers of receipt
195	6/6/2025	Urquhart-Foster, EPA; Young, TDEC	Mayton & Petrie, DOE	Submittal of the EMDF Groundwater Field Demonstration First Wet Season Monitoring Results, Oak Ridge, Tennessee (UCOR-5851)	DOEIC, Notified board officers of receipt
196	6/10/2025	Petrie, DOE	Sayer, EPA	EPA Comments on the D1 Bear Creek Valley Burial Ground Remedial Investigation Work Plan	DOEIC, Notified board officers of receipt
197	6/11/2025	Petrie, DOE	Young, TDEC	TDEC Comments: Erratum for the Remedial Design Report/Remedial Action Work Plan for Soils, Sediments, and Dynamic Characterization Strategy for Bethel Valley, Oak Ridge, Tennessee (DOE/OR/01-2378&DS)	DOEIC, Notified board officers of receipt
198	6/11/2025	Petrie, DOE	Dawson, EPA	EPA Approval of the Erratum for the RDR/RAWP for Soils, Sediments and DCS	DOEIC, Notified board officers of receipt
199	6/11/2025	Petrie, DOE	Young, TDEC	TDEC Comments: EMDF Groundwater Field Demonstration First Wet Season Monitoring Results, Oak Ridge, Tennessee (UCOR-5851)	DOEIC, Notified board officers of receipt
200	6/11/2025	Urquhart-Foster, EPA; Young, TDEC	Clemons & Petrie, DOE	Transmittal of Memorandum to File, Non-Significant Change to the Record of Decision for Inter-im Actions in Bethel Valley, Oak Ridge, Tennessee (DOE/OR/01-1862&D4)	DOEIC, Notified board officers of receipt



## FY 2025 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
201	6/12/2025	Petrie, DOE	Jones, EPA	EPA Concurrence on Environmental Baseline Survey Report for Clean Parcel Determination for Black Oak Ridge, East Black Oak Ridge and McKinney Ridge in the Vicinity of ETPP	DOEIC, Notified board officers of receipt
202	6/12/2025	Petrie, DOE	Jones, EPA	EPA Comments on the D2 Addendum 3 (Exposure Unit Z2-38) to the FY 2009 PCCR for Exposure Units 11, 121, 17, 18, 29 and 30	DOEIC, Notified board officers of receipt
203	6/12/2025	Distribution	Olds, DOE; Adkins, TDEC; Freeman, EPA	FOR APPROVAL: Routing of Record of Decision for Final Soil Actions in Zone 1, DOE Oak Ridge Reservation-ETTP - ROD	DOEIC, Notified board officers of receipt
204	6/13/2025	Petrie, DOE	Sayer, EPA	EPA Comments on the D1 EMWMF FY2025 PCCR	DOEIC, Notified board officers of receipt
205	6/18/2025	Burchfield & Roth, DOE	Lutz, TDEC	TDEC Comments Re: Tennessee Department of Environment and Conservation (TDEC), Division of Remediation - Oak Ridge Office (DoR-OR) Fiscal Year 26 Environmental Monitoring Plan (FY26 EMP), July 1, 2025, through June 30, 2026.	DOEIC, Notified board officers of receipt
206	6/20/2025	Petrie, DOE	Young, TDEC	RE: TDEC Comments for the Remedial Design Report I Remedial Action Work Plan for K-31 /33 Area Groundwater at the East Tennessee Technology Park, Oak Ridge, Tennessee, (DOE/OR/01-3001 &D1)	DOEIC, Notified board officers of receipt
207	6/20/2025	Urquhart-Foster, EPA; Young, TDEC	McIntosh & Petrie, DOE	Submittal of the ERRATA and Baseline Groundwater Monitoring Report for the Environmental Management Waste Management Facility, Oak Ridge, Tennessee (DOE/OR/01-2021&D5)	DOEIC, Notified board officers of receipt
208	6/24/2025	Petrie, DOE	Froede, EPA	EPA Comments on D1 ETPP Zone 2 EU-35 PCCR (DOE/OR/01-2992&D1)	DOEIC, Notified board officers of receipt



## FY 2025 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
209	6/25/2025	Petrie, DOE	Young, TDEC	TDEC Approval: Baseline Groundwater Monitoring Report for the Environmental Monitoring at the Environmental Management Waste Management Facility, Oak Ridge, Tennessee (DOE/OR/01-2021&D5)	DOEIC, Notified board officers of receipt
210	6/25/2025	Czartoryski & Awashti, TDEC	Clemons, DOE	Site Treatment Plan – Notification of Sludge Processing Facility Target Milestone Extension	DOEIC, Notified board officers of receipt
211	6/26/2025	Petrie, DOE	Young, TDEC	TDEC Comments RE: Addendum for the Removal Action Work Plan for the Y-12 Facilities Deactivation/Demolition Project, Oak Ridge, Tennessee: Provisional Management of Slabs (DOE/OR/01-2479&D1/A16)	DOEIC, Notified board officers of receipt
212	6/25/2025	Urquhart-Foster, EPA; Young, TDEC	Hardin & Petrie, DOE	Federal Facility Agreement Milestone Modification Request for the Outfall 200 Mercury Treatment Facility Phased Construction Completion Report	DOEIC, Notified board officers of receipt
213	6/26/2025	Petrie, DOE	Froede, EPA	Remedial Design Report/Remedial Action Work Plan for K-31/K-33 Area Groundwater at the East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-3001&D1)	DOEIC, Notified board officers of receipt
214	6/26/2025	Urquhart-Foster, EPA; Young, TDEC	Hardin & Petrie, DOE	Transmittal of the Removal Action Work Plan for North Tributary-8 Removal Action at the Bear Creek Burial Grounds, Oak Ridge, Tennessee (DOE/OR/01-3007-D1)	DOEIC, Notified board officers of receipt
215	6/30/2025	Petrie, DOE	Sayer, EPA	EPA Approval of EMWMF Baseline Monitoring Report (DOE/OR/01-2021&D5)	DOEIC, Notified board officers of receipt
216	7/1/2025	Petrie, DOE	Young, TDEC	TDEC Comments RE Addendum to the Removal Action Work Plan for the Y-12 Facilities Deactivation/Demolition Project, Oak Ridge, Tennessee: Beta-4 Complex Pre-Demolition (DOE/OR/01-2479&D1/A17)	DOEIC, Notified board officers of receipt



## FY 2025 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
217	7/2/2025	Burchfield & Huffman, DOE	Lutz, TDEC	TDEC Comments Re: Tennessee Department of Environment and Conservation, Division of Remediation – Oak Ridge Office, Environmental Monitoring Report for Work Performed July 1, 2023, through June 30, 2024.	DOEIC, Notified board officers of receipt
218	7/2/2025	Urquhart-Foster, EPA; Young, TDEC	McIntosh & Petrie, DOE	Federal Facility Agreement Milestone Addition Request for the Addendum 3 (Exposure Unit Z2-38) to the Fiscal Year 2009 PCCR for Zone 2 Exposure Units	DOEIC, Notified board officers of receipt
219	7/2/2025	Urquhart-Foster, EPA; Young, TDEC	McIntosh & Petrie, DOE	Transmittal of the Remedial Design Work Plan for the Main Plant Area Groundwater Interim Record of Decision at the East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-3005&D1)	DOEIC, Notified board officers of receipt
220	7/2/2025	Urquhart-Foster, EPA; Young, TDEC	McIntosh & Petrie, DOE	Federal Facility Agreement Milestone Extension Request for the East Tennessee Technology Park Zone 1 Final Soil Record of Decision Remedial Action Report	DOEIC, Notified board officers of receipt
221	7/7/2025	Petrie, DOE	Young, TDEC	TDEC Comments: Federal Facility Agreement Milestone Modification Request for the Outfall 200 Mercury Treatment Facility Phased Construction Completion Report	DOEIC, Notified board officers of receipt
222	7/7/2025	Reid, TDEC	Cooke, DOE	National Historic Preservation Act, Section 106 Compliance- Notification of Proposed Monument to be Located at The East Tennessee Technology Park, Oak Ridge Reservation, Roane County, Tennessee	DOEIC, Notified board officers of receipt
223	7/7/2025	Urquhart-Foster, EPA; Young, TDEC	Hardin & Petrie, DOE	Submittal of the Sampling and Analysis Plan/Quality Assurance Project Plan for the Environmental Monitoring at the Environmental Management Waste Management Facility, Oak Ridge, Tennessee (DOE/OR/01-2734&D1/R2; UCOR-4156/R5)	DOEIC, Notified board officers of receipt



## FY 2025 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
224	7/8/2025	Urquhart-Foster, EPA; Young, TDEC	McIntosh & Petrie, DOE	Federal Facility Agreement Milestone Addition Request for the Addendum 3 (Exposure Unit Z2-38) to the Fiscal Year 2009 Phased Construction Completion Report for Zone 2 Exposure Units 11, 12, 17, 18, 29, and 38 at East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2415&D2/A3/R2)	DOEIC, Notified board officers of receipt
225	7/11/2025	Petrie, DOE	Young, TDEC	TDEC Comments: Federal Facility Agreement Milestone Addition Request for the Addendum 3 (Exposure Unit Z2-38) to the Fiscal Year 2009 Phased Construction Completion Report for Zone 2 Exposure Units 11, 12, 17, 18, 29, and 38 at East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2415&D2/A3/R2)	DOEIC, Notified board officers of receipt
226	7/11/2025	Petrie, DOE	Young, TDEC	EPA Response - Phased Construction Completion Report for Pre-Demolition of the Alpha-2 Complex, Oak Ridge, Tennessee (DOE/OR/01-2994&D1)	DOEIC, Notified board officers of receipt
227	7/14/2025	Petrie, DOE	Poe, EPA	EPA Response - Addendum to the Removal Action Work Plan for the Y-12 Facilities Deactivation/Demolition Project, Oak Ridge, Tennessee: Beta-4 Complex Pre-Demolition (DOE/OR/01-2479&D1/A17)	DOEIC, Notified board officers of receipt
228	7/15/2025	Petrie, DOE	Young, TDEC	TDEC Comments: Federal Facility Agreement Milestone Extension Request for the East Tennessee Technology Park Zone 1 Final Soil Record of Decision Remedial Action Report	DOEIC, Notified board officers of receipt
229	7/17/2025	Petrie, DOE	Young, TDEC	TDEC Comments RE: Transmittal of the Phased Construction Completion Report for Pre-Demolition of the Alpha-2 Complex, Oak Ridge, Tennessee (DOE/OR/01-2994&01)	DOEIC, Notified board officers of receipt



## FY 2025 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
230	7/15/2025	Petrie, DOE	Young, TDEC	TDEC Comments: Federal Facility Agreement Review of Field Sampling Plan for Baseline Groundwater and Surface Water Characterization at the Proposed Environmental Management Disposal Facility, Oak Ridge, Tennessee (DOE/OR/01-2812&03)	DOEIC, Notified board officers of receipt
231	7/22/2025	Urquhart-Foster, EPA; Young, TDEC	Clemons & Petrie, DOE	Transmittal of the Revised Addendum 6 Attachment H-1 – Exposure Unit-4A Data Quality Objective Scoping Package to the Remedial Design Report Remedial Action Work Plan	DOEIC, Notified board officers of receipt
232	7/23/2025	Distribution	Olds, DOE	Transmittal of the Semiannual Status Report in Accordance with the Memorandum of Agreement for Decommissioning and Demolition of the K-25 Site and Interpretation of the East Tennessee Technology Park	DOEIC, Notified board officers of receipt
233	7/24/2025	Petrie, DOE	Young, TDEC	TDEC Comment Letter: 2025 Remediation Effectiveness Report for the U.S. Department of Energy Oak Ridge Site Oak Ridge, Tennessee (DOE/OR/01-2989&D1)	DOEIC, Notified board officers of receipt
234	7/25/2025	Distribution	Noe, DOE	Member Recruitment for the Oak Ridge Site Specific Advisory Board	DOEIC, Notified board officers of receipt
235	7/28/2025	Urquhart-Foster, EPA; Young, TDEC	Hardin & Petrie, DOE	Transmittal of the Data Quality Objectives Scoping Package and Dynamic Work Plan in Support of a RA at EU 2, Y-12, (DOE-OR-01-2423&D2, Att. D.1) to the UEFPC Soils	DOEIC, Notified board officers of receipt
236	7/28/2025	Urquhart-Foster, EPA; Young, TDEC	Hardin & Petrie, DOE	Submittal of the Supplemental Analysis for the Environmental Management Disposal Facility (UCOR-5843)	DOEIC, Notified board officers of receipt





## FY 2025 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
237	7/28/2025	Urquhart-Foster, EPA; Young, TDEC	Hardin & Petrie, DOE	Transmittal of the Bear Creek Valley Mercury Sources Remedial Site Evaluation for the U.S. Department of Energy Oak Ridge Site Oak Ridge, Tennessee (DOE/OR/01-2977&D2)	DOEIC, Notified board officers of receipt
238	7/29/2025	Petrie, DOE	Urquhart-Foster, EPA	EPA Response: Federal Facility Agreement Milestone Modification Request for the Outfall 200 Mercury Treatment Facility Phased Construction Completion Report	DOEIC, Notified board officers of receipt
239	8/1/2025	Urquhart-Foster, EPA; Young, TDEC	Petrie, DOE	Transmittal of the 2025 CERCLA Five-Year Review for the Bear Creek Valley Administrative Watershed on the U.S. Department of Energy Oak Ridge National Priorities List Site, Oak Ridge, Tennessee (DOE/OR/01-2990&D1)	DOEIC, Notified board officers of receipt
240	8/1/2025	Petrie, DOE	Urquhart-Foster, EPA	EPA Approval: Fiscal Year (FY) 2025 Federal Facility Agreement for the Oak Ridge Reservation (FFA), Appendix J	DOEIC, Notified board officers of receipt
241	8/4/2025	Urquhart-Foster, EPA; Young, TDEC	Hardin & Petrie, DOE	Submittal of the Waste Acceptance Criteria Compliance Plan for the Environmental Management Disposal Facility at the Oak Ridge Reservation, Oak Ridge, Tennessee (DOE/OR/01-3012&D1)	DOEIC, Notified board officers of receipt
242	8/4/2025	Petrie, DOE	Urquhart-Foster, EPA	EPA Approval: Recent three milestone extension requests submitted by DOE	DOEIC, Notified board officers of receipt
243	8/4/2025	Petrie, DOE	Urquhart-Foster, EPA	EPA Extension Requests	DOEIC, Notified board officers of receipt
244	8/4/2025	Urquhart-Foster, EPA; Young, TDEC	Hardin & Petrie, DOE	Transmittal of the Federal Facility Agreement Appendix I-5 Information Assessment for Upper East Fork Poplar Creek and Bear Creek Valley, Oak Ridge, Tennessee (DOE/OR/01-3014&D1)	DOEIC, Notified board officers of receipt



## FY 2025 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
245	8/4/2025	Urquhart-Foster, EPA; Young, TDEC	Clemons & Petrie, DOE	Explanation of Significant Differences for the Record of Decision for Interim Actions in Bethel Valley, Oak Ridge, Tennessee Mercury Goal	DOEIC, Notified board officers of receipt
246	8/4/2025	Petrie, DOE	Sayer, EPA	EPA Approval of EMWMF SAP/QAP Update (DOE/OR/01-2734&D1/R2)	DOEIC, Notified board officers of receipt

## **Abbreviations/Acronyms List for Environmental Management Projects**

AM – action memorandum  
ACM – asbestos containing material  
ARARs – Applicable or Relevant and Appropriate Requirements  
ARRA – American Recovery and Reinvestment Act  
BCV – Bear Creek Valley  
BG – burial grounds  
BV - Bethel Valley  
CARAR – Capacity Assurance Remedial Action Report  
CART - carbon steel casing dollies  
CBFO – Carlsbad Field Office  
CERCLA – Comprehensive Environmental Response, Compensation  
and Liability Act  
CD – critical decision  
CH – contact handled  
CNF – Central Neutralization Facility  
COLEX – column exchange  
CS – construction start  
CY – calendar year  
D&D – decontamination and decommissioning  
DARA – Disposal Area Remedial Action  
DNAPL – Dense Non-Aqueous Phase Liquids  
DOE – Department of Energy  
DSA – documented safety analysis  
DQO – data quality objective  
EE/CA – engineering evaluation/cost analysis  
EFPC – East Fork Poplar Creek  
EM – environmental management  
EMDF – Environmental Management Disposal Facility  
EMWMF – Environmental Management Waste Management Facility  
EPA – Environmental Protection Agency  
EQAB – Environmental Quality Advisory Board  
ETTP – East Tennessee Technology Park  
EU – exposure unit  
EV – earned value  
FACA – Federal Advisory Committee Act  
FCAP - Facilities Capability Assurance Program  
FFA – Federal Facility Agreement  
FFS – Focused Feasibility Study  
FPD – federal project director  
FY – fiscal year  
GIS – geographical information system  
GW – groundwater

GWTS – groundwater treatability study  
HQ – Headquarters  
HRE – Homogenous Reactor Experiment  
IROD – Interim Record of Decision  
ISD - In-Situ Decommissioning  
LEFPC – Lower East Fork Poplar Creek  
LGWO – Liquid and Gaseous Waste Operations  
LLW – low-level waste  
MLLW – mixed low-level waste  
MSRE – Molten Salt Reactor Experiment  
MTF – Mercury Treatment Facility  
MV – Melton Valley  
NaF – sodium fluoride  
NDA – non-destructive assay  
NEPA – National Environmental Policy Act  
NNSS – Nevada National Security Site (new name of Nevada Test Site, formerly NTS)  
NPDES – National Pollutant Discharge Elimination System  
NPL – National Priorities List  
OR – Oak Ridge  
ORGDP – Oak Ridge Gaseous Diffusion Plant  
OREIS – Oak Ridge Environmental Information System  
OREM – Oak Ridge Office of Environmental Management  
ORNL – Oak Ridge National Laboratory  
ORO – Oak Ridge Office  
OROP - Oak Ridge Oxide Processing  
ORR – Oak Ridge Reservation  
ORRR – Oak Ridge Research Reactor  
ORRS – operational readiness reviews  
PaR – trade name of remote manipulator at the Transuranic Waste Processing Center  
PCB - polychlorinated biphenyls  
PCCR – Phased Construction Completion Report  
PM – project manager  
PP – Proposed Plan  
PPE – Personal Protective Equipment  
QAPP – Quality Assurance Project Plan  
RA – remedial action  
RAR – Remedial Action Report  
RAWP – Remedial Action Work Plan  
RCRA – Resource Conservation Recovery Act  
RDR – Remedial Design Report  
RDWP – Remedial Design Work Plan  
RER – Remediation Effectiveness Report  
RFI – Request for Information

RGRS – Reactive Gas Removal System  
RH – remote handled  
RI/FS – Remedial Investigation/Feasibility Study  
RIWP – Remedial Investigation Work Plan  
RmAR – Removal Action Report  
RmAWP – Removal Action Work Plan  
ROD – Record of Decision  
RSE – Remedial Site Evaluation  
RUBB – trade name of a temporary, fabric covered enclosure  
S&M – surveillance and maintenance  
SAP – sampling analysis plan  
SEC – Safety and Ecology Corp.  
SEP – supplemental environmental project  
STP – site treatment plan  
SW – surface water  
SWSA – solid waste storage area  
Tc – technetium  
TC – time critical  
TDEC – Tennessee Department of Environment and Conservation  
TRU – transuranic, an artificially made, radioactive element that has an atomic number higher than uranium in the periodic table  
TSCA – Toxic Substances Control Act  
TWPC – Transuranic Waste Processing Center  
U – uranium  
UEFPC – Upper East Fork Poplar Creek  
UPF – Uranium Processing Facility  
URS/CH2M – (UCOR) DOE's prime cleanup contractor  
VOC – volatile organic compound  
VPP – Voluntary Protection Plan  
WAC – waste acceptance criteria  
WEMA – West End Mercury Area (at Y-12)  
WHP – Waste Handling Plan  
WIPP – Waste Isolation Pilot Plant  
WRRP – Water Resources Restoration Program  
WWSY – White Wing Scrap Yard  
X-10 – Oak Ridge National Laboratory (refers to the original reactor)  
Y-12 – Y-12 National Security Complex  
ZPR – Zero Power Reactor



## Oak Ridge Site Specific Advisory Board

# August

# 2025

Topic: Annual Planning Meeting

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5	6 Executive Committee meeting – 4 p.m. (virtual)	7	8	9
10	11	12	13 Annual Planning Meeting – 6 p.m. (hybrid)	14	15	16
17	18	19	20	21	22	23
24	25	26	27 No EM & Stewardship Committee meeting	28	29	30
31						

For information about attending meetings virtually or in person, please email [orssab@orem.doe.gov](mailto:orssab@orem.doe.gov) at least 1 week prior to the scheduled meeting.

**ORSSAB Support Office:** (865) 241-4583 or 241-4584

**DOE Information Center:** (865) 241-4780



## Oak Ridge Site Specific Advisory Board

# September (draft)

# 2025

Topic: No meeting

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	<b>1</b> Labor Day – Board Offices Closed	<b>2</b>	<b>3</b> CANCELLED – Executive Committee Meeting	<b>4</b>	<b>5</b>	<b>6</b>
<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b> CANCELLED – Full Board Meeting	<b>11</b>	<b>12</b>	<b>13</b>
<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>
<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b> CANCELLED – EM & Stewardship Committee Meeting	<b>25</b>	<b>26</b>	<b>27</b>
<b>28</b>	<b>29</b>	<b>30</b>				

For information about attending meetings virtually or in person, please email [orssab@orem.doe.gov](mailto:orssab@orem.doe.gov) at least 1 week prior to the scheduled meeting.

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August 6, 2025

Ms. Amy Jones, Chair  
Oak Ridge Site Specific Advisory Board  
PO Box 2001  
Oak Ridge, TN 37831

Dear Ms. Jones:

### **Fiscal Year 2026 Issues and Input for the Oak Ridge Site Specific Advisory Board**

The following input on the operation of the Oak Ridge Site Specific Advisory Board (ORSSAB) and issues that should be studied or tracked is offered and intended to be constructive.

At one time the Annual Planning Meeting was conducted so that ORSSAB members could get to know each other, express their interests and expectations, receive training and orientation for a better technical and regulatory knowledge foundation, and divide the planned workload based on different but complementary interests. Board officers were elected at the Annual Meeting. Committees would meet as soon as possible after the Annual Planning Meeting to select their leaders and to develop work plans that flowed upward into the Board work plan. The present model of focusing the entire Board on a single topic with follow-up discussion at a meeting of a committee of the whole is in contrast. The situation is further complicated by the scope and content of the presentation on a given topic not being known in advance of Board meetings due to Headquarters approval of information much already in the public domain. Ideally a committee would take ownership of an issue and collaborate with Department of Energy (DOE) and contractor subject matter experts on an outcome. If given an option, ORSSAB member interests might conceivably fall into three committees. The Environmental Management (EM) & Stewardship Committee might become separated again, and a third committee could be more attractive to those more interested in board process and public outreach types of efforts. In absence of a committee restructuring, the EM & Stewardship Committee should consider a standing agenda item taking a few minutes for identification and status tracking of important issues that are beyond that month's work plan.

A review of meeting materials from the other EM SSABs indicates that some receive presentations on more and varied issues than ORSSAB and that their agency liaisons have updates with more content formally presented. The issues on which other EM SSABs are receiving presentations should be considered as issues of potential interest to ORSSAB, tailored with local information. Some of the presentations are by DOE Headquarters personnel and of the same type of content presented at EM SSAB Chairs meetings. DOE Headquarters personnel should be invited to make more presentations to ORSSAB and take questions from the public in attendance. With regard to EM SSAB Chairs meetings, those attending and representing Oak Ridge should solicit as much input as possible prior to the meetings on issues that are anticipated or should be raised.



The issues below are recommended for study or at least status tracking in FY 2026.

### **East Tennessee Technology Park (ETTP) Transition to Office of Legacy Management (LM)**

LM frequently updates its Site Management Guide. According to Update 34 (May 2025) ETTP is scheduled for transition in FY 2032, but in Update 30 (November 2023) the date was FY 2029. LM says it conducts due diligence by working on sites as much as five years ahead of transition dates. Given a recent interview by Congressman Chuck Fleischmann indicating that there is about 30 to 40 years of cleanup remaining in Oak Ridge, not to mention additional local DOE presence beyond the foreseeable future, any transition to LM should be reconsidered. There are already at least four Federal managers in Oak Ridge who report to no one else locally but have potentially overlapping or gappy authority and accountability.

### **Budget Prioritization Input**

Oak Ridge Environmental Management (OREM) will most certainly request input on FY 2028 (Already!) OREM program budget priorities. The recommendation should reflect more than the effectiveness of OREM's messaging on its priorities. The initial annual engagement from the OREM subject matter expert on planning and execution has been good but diminished by uncertainty about information that can be shared and the delayed release of budget justification details. Ability to track changes in DOE's requests through the Congressional appropriations process is impeded by inability to cross-reference Project Baseline Summary numbers in DOE's request to items in appropriation committee reports.

### **Site Treatment Plan (STP) for Mixed Waste on the U.S. Department of Energy Oak Ridge Reservation**

The STP delineates how DOE will treat the site's mixed wastes or develop/modify technologies when necessary to address generated and stored mixed waste at the site. The plan addresses some waste streams that have been stored indefinitely and have milestones that have been rescheduled, perhaps most notably for transuranic (TRU) sludge stored in the Melton Valley Storage Tanks but also low-level reactive metal shields. ORSSAB should track annual updates and semiannual progress reports and make appropriate comments and recommendations to move along final disposition of the waste streams in the STP. Notably, the Energy and Water Development and Related Agencies Appropriation Bill 2026 report encourages the Department to provide sufficient continuous funding to eliminate the Oak Ridge contaminated shields expeditiously.

### **Excess Facilities Risk Reduction Activities at ORNL & Y-12**

Reports on progress should provide even more detail on challenges such as the reactor facilities at Oak Ridge National Laboratory (ORNL) and potential need for long-term or perpetual surveillance, such as at the Molten Salt Reactor Experiment Facility. Delays in nuclear facility D&D resulting from sequencing and coordination of activities with other DOE managers and contractors could be better explained. Other SSABs have requested availability of officials from National Nuclear Security Administration (NNSA) to liaise on unclassified activities with environmental implications. In Oak Ridge that could be requested of Office of Science as well.

### **U-233 Disposition**

Progress on dispositioning U-233 material should be reported with, in addition to societal benefits of the project, emphasis on operational experience, nuclear facility safety issues that arose and were addressed, and what the status of the materials and facilities will be upon completion of the contract.

### **Environmental Management Disposal Facility (EMDF)**

In addition to reports on construction progress, issues related to waste acceptance criteria, especially mercury, and ambient water quality issues should be presented with more candor and thoroughness. Six environmental, public interest and community groups just filed a lawsuit in the Federal District Court for the District of Columbia over approval of the EMDF.

### **Mercury Treatment Facility (MTF)**

It has been stated that construction of the MTF and the EMDF are essential before any mercury-contaminated facilities can be demolished. The MTF project has had to request additional funding to pay for impacts from site conditions different from what was expected, the need to treat groundwater for contamination, and design changes that necessitated an updated baseline. The task of completing the project was reassigned by OREM to United Cleanup Oak Ridge, LLC. Cost and schedule impacts of the new baseline require fuller explanation. It should be a concern that OREM filed a request with the other Federal Facility Agreement (FFA) parties to extend a Phased Construction Completion Report milestone by five years.

### **Ongoing Efforts to Assure Waste Disposal Capacity**

This issue should encompass assurance of waste disposal capacity of all waste streams, not just those directed to on-site disposal facilities.

### **Interdependency of Department of Energy Sites**

This issue addresses assurance of disposal capacity for wastes generated by Oak Ridge facilities and awareness of where it is being dispositioned. There has been a historical interdependency of DOE sites for waste management and disposal and relocation of stored materials. The Toxic Substances Control Act Incinerator in Oak Ridge accepted PCB-contaminated, hazardous, radioactive waste from throughout the DOE Complex. Oak Ridge has sent depleted uranium hexafluoride to Portsmouth for conversion, spent nuclear fuel to Idaho for storage, mixed and low-level radioactive waste to Nevada and Utah for burial, and transuranic waste to Carlsbad for deep emplacement, as examples. Other DOE sites continue to ship waste for treatment to commercial facilities in our community with the impact on our local environment claimed insignificant as long as these facilities comply with permits. Regulators and other stakeholders unfamiliar with the history may assume parochial positions. Ongoing updates are appropriate to understand the current situation and to engage in more informed discussion with stakeholders in other DOE communities as occurs at EM SSAB Chairs meetings. ORSSAB should be supportive of keeping updates of the Waste Information Management System maintained by Florida

International University for DOE as current as possible, including ultimate disposition pathways of wastes from other DOE sites being treated at local commercial facilities.

### **Groundwater**

Information on exit pathway monitoring results is available for all of the Oak Ridge Reservation watersheds but not disseminated in a manner that engages widespread public interest. During FY 2024, the only emphasis was on ETTP sub-units with further updates on status postponed in 2025. A Record of Decision for K-31/K-33 and an Interim Record of Decision for the Main Plant Area were signed. The status and planning for ETTP Zone 1 and the remainder of the Oak Ridge Reservation need to be tracked, not only implementation of the previous ETTP decisions. ORSSAB should consider a recommendation on use and feasibility of maintaining the Tracking Restoration and Closure application developed at Pacific Northwest National Laboratory to communicate the status of groundwater contamination cleanup efforts. That application should perhaps have a simpler focus on mapping of the plumes and listing the technologies being implemented so that it can be more easily maintained.

### **Natural Resource Damage Assessment Process**

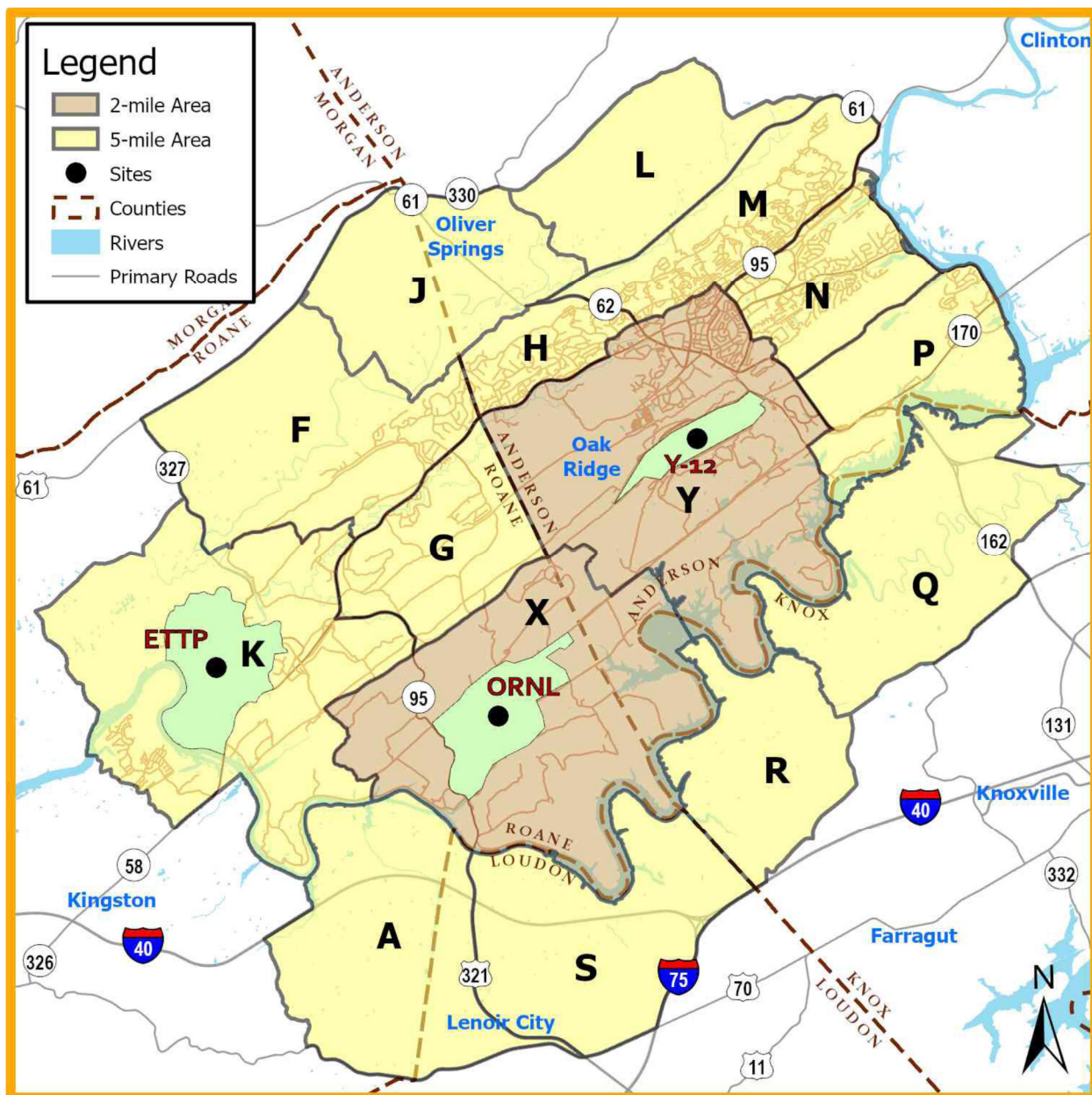
In December 2022, a Restoration and Compensation Determination Plan/Environmental Assessment was issued for the second phase of the Oak Ridge Reservation Natural Resource Damage Assessment. Continued engagement to keep stakeholders aware of projects being implemented is desirable.

### **Long-Term Management and Storage of Mercury**

DOE Environmental Management sought a contractor to establish a DOE capability for the long-term management and storage of domestic elemental mercury waste to meet the requirements of the Mercury Export Ban Act (MEBA). DOE finally and recently issued a Record of Decision designating Waste Control Specialists, LLC near Andrews, Texas as that facility. Understanding the total scope of mercury storage, recovery, and use at local DOE and commercial treatment facilities is essential to understanding mercury issues in general.

### **Emergency Management**

DOE in Oak Ridge should maintain the highest level of public awareness of what to do in case of an emergency at any of its facilities that would require the public to take protective actions. Several commercially licensed nuclear facilities are planned or under construction within the Emergency Planning Zone (EPZ) of the Oak Ridge Reservation. Depending on their final safety analysis, these new facilities may or may not have their own EPZs beyond their property boundary. There should be more meetings and distribution of materials to inform the public of what to do in case of an emergency. The figure below shows the 2-mile and 5-mile areas that require pre-planned protective actions due to an emergency on the Oak Ridge Reservation from DOE's current operations.



### Annual Site Environmental Report (ASER)

The ASER is prepared for DOE according to the requirements of DOE Order 231.1B, *Environment, Safety, and Health Reporting*. The ASER includes data on the environmental performance of each of the major contractors and describes significant accomplishments in pollution prevention and sustainability programs that reduce many types of waste and pollutant releases to the environment. DOE has published an annual environmental report with consolidated data on overall performance and status since the mid-1970s. The ASER is a key component of DOE's effort to keep the public informed about environmental conditions. Although OREM is responsible for only a portion of the activity reported, the report provides context for its activities alongside ongoing operations. Office of Science, OREM, local NNSA, and ORSSAB should jointly sponsor a public presentation associated with annual release of the

ASER. It may be noted that, as late as for the 2009 ASER, a summary of the document was prepared by Karns High School students but was discontinued as a sponsored activity. Student ASERs have been prepared much more recently for the Portsmouth site. The Oak Ridge Reservation ASER was an agenda topic of early ORSSAB meetings. ORSSAB even issued recommendations on making it more understandable to the general public. Other SSABs currently include ASER presentations on their meeting agendas.

### **Implementation of Long-Term Stewardship**

The 2022 Public Involvement Plan for CERCLA Activities at the U.S. Department of Energy Oak Ridge Site states: “Today, the ORSSAB EM/Stewardship Committee continues to work on crucial long-term stewardship issues. Major areas of focus include integration of long-term stewardship with remediation decisions, application of the Long-Term Stewardship Strategic Plan, and the development of a Long-Term Stewardship Implementation Plan. The committee also serves informally as a Citizens Board for Stewardship and will continue to do so until the ORSSAB completes its mission and is disbanded. At that time, it is anticipated that a formal Citizens Board for Stewardship will be constituted.” The study of this issue includes awareness of the annual Remediation Effectiveness Report and participation to the extent practical in understanding and verifying the maintenance of institutional controls. Whether the SSAB’s approach to participation in Five Year Reviews accomplishes this is questionable. Many of the early stakeholders that envisioned long-term stewardship are no longer with us or able to follow up on their recommendations. The concept of a Citizens Board for Stewardship is somewhat nebulous as such has not implemented, at least formally, at sites where local SSABs have been disbanded due to completion of EM’s work. LM does not have any Federal Advisory Committee Act chartered boards but does appear to effectively engage other types of stakeholder groups in at least in some instances. An additional role for LM in Oak Ridge may no longer be justifiable as discussed earlier. At any rate, the ORSSAB EM/Stewardship Committee is not fulfilling its role stated in the Public Involvement Plan when being used only for follow-on discussion of the previous board meeting presentation.

### **Public Involvement Plan for CERCLA Activities at the U.S. Department of Energy Oak Ridge Site**

A triennial update to the Public Involvement Plan occurred in FY 2025. ORSSAB should have reviewed the draft plan revision to identify areas where it can strengthen its role in facilitating communications with the public. However, this did not occur. The plan discusses activities that have not been sustained as described. ORSSAB should consider reimplementing past activities such as reviewing and commenting documents to make the issues more understandable to the public and participating in the development of fact sheets with OREM and its contractors.

### **Impact of Remediation on End-State Development**

Parcels of land have been transferred and are now privately leased or owned. OREM will have to coordinate remediation and monitoring with entities that occupy the parcels of land. Timely updates are appropriate on status, negotiations, and even decisions to change remedy selections such as would have occurred to accommodate the airport. Some new owners that received

property through expedited transfers may not even be fully aware of what happened on the land and the implications of land use controls and restrictions. The activities of some new owners and tenants have created new environmental issues.

### **Terminal Management of Surplus and Recyclable Materials**

DOE has been responsible for bulk and scrap materials such as steel, aluminum, and nickel. The materials may be surface or volumetrically contaminated or contain activation products.

Statutory, regulatory, and DOE Secretarial policy considerations constrain or have prevented final disposition. Long standing policy considerations are reportedly being reviewed and changed by the current administration. There are instances where initiatives to disposition materials were not concluded, and the materials ended up in indefinite storage. Of late, there has been renewed interest in addressing surface contaminated recyclable nickel. A status update on these surplus materials is appropriate. Potential constructive stakeholder input could come from Oak Ridge even for materials being stored at other sites.

### **White Wing Scrap Yard**

A draft Remedial Investigation Work Plan (RIWP) for White Wing Scrap Yard was issued, indicating initiation of previously unpublicized planning for the project, which has been deferred except for surveillance and maintenance since above ground removal actions were conducted in the 1990s. That RIWP was rescinded in favor of a Time Critical Removal Action ostensibly to facilitate transfer of property to ORANO to build the Project IKE uranium enrichment facility. Time-critical removal actions are intended for urgent environmental remediation efforts that must be initiated quickly to address contamination or hazards that pose an imminent threat to public health or the environment.

### **Bear Creek Valley Watershed**

An Engineering Evaluation/Cost Analysis for North Tributary-8 at the Y-12 National Security Complex Bear Creek Burial Grounds, Oak Ridge, Tennessee, was issued in June 2024, indicating an urgency of which the public may not have been aware. There was also an RIWP drafted for the Bear Creek Burial Ground in March 2025 that has been commented by the FFA agencies. Other activity and discussions appear to be underway toward distant final Records of Decision for the large Uranium Burial Ground and for this watershed that will address the remaining ecological issues, surface water, and groundwater.

### **Radiation Exposure Compensation Act**

The Radiation Exposure Compensation Act (RECA) was initially implemented in 1990 to provide claims for compassionate payments for injuries due to exposure to radiation from nuclear testing. It expired in 2024 when Congress failed to extend it. The One Big Beautiful Bill Act revived, extended, and amended RECA to expand coverage to claims involving public exposure to Manhattan Project Waste in and around Oak Ridge. Review and understanding of previous public health assessments and conclusions would seem in order along with appropriate proactive activities to address reawakened public concerns. An Assessment of Cancer Incidence

in the eight-county area surrounding the DOE Oak Ridge Reservation published in 2006 by the Agency for Toxic Substances and Disease Registry (ATSDR) would not necessarily justify expansion of RECA coverage in this area. However, RECA is now law.

### **Aquatic Ecology Laboratory**

ORSSAB should remain updated on the work of Oak Ridge National Laboratory researchers at this facility with particular attention to the role of ecological management and enhancement in remedy selections.

### **Technology Development**

Technology development activities beyond those being conducted at the Aquatic Ecology Laboratory need to be promoted, including awareness of the work of other technology development principal investigators and even technologies being developed and implemented by local commercial facilities. Any information about technology demonstrations that have been conducted or planned in the old DARA Soils Storage Facility would also be informative.

### **Processing and Disposition of Transuranic Waste**

This issue covers the path forward to disposition of TRU sludge stored in the Melton Valley Storage Tanks and more broadly continued assured access to the Waste Isolation Pilot Plan (WIPP) for disposal of Oak Ridge TRU waste. This includes any that could be impacted intentionally or non-intentionally by a new definition for legacy TRU and TRU mixed wastes. ORSSAB should skeptically monitor public policy discussions and developments surrounding the New Mexico state regulation of WIPP and the priority other sites are receiving for shipments. It should not hesitate to issue comments and recommendations even when not specifically requested by DOE. Awareness of the content of the Annual Transuranic Waste Inventory Report and proposed modifications to WIPP's Hazardous Waste Facility Permit is essential.

### **Per- and Polyfluoroalkyl Substances (PFAS)**

OREM should strive to disseminate information on this issue from a local as well as complex-wide perspective. There seem to be many aspects to PFAS. These include identification of PFAS, whether stored material is PFAS, PFAS contamination of environmental media, health effects from exposure to PFAS, and implications of new PFAS drinking water regulations on remediation goals in current and past cleanup projects.

### **White Oak Creek Radionuclide Releases**

White Oak Dam is a retention structure that holds back sediments contaminated with radionuclides, including cesium-137. The cities of Kingston, Spring City, and Rockwood draw drinking water from the Tennessee River system downstream. In the 2005-2006 timeframe, the ATSDR published a public health assessment. ATSDR concluded that past, current, and future exposures to radionuclides released from White Oak Creek to the Clinch River/Lower Watts Bar Reservoir are not a public health hazard. People who used or lived along the Clinch River or Lower Watts Bar Reservoir in the past, or who currently do so or will in the future, might have or might yet come in contact with X-10 radionuclides that entered the Clinch River or Lower Watts

Bar Reservoir via White Oak Creek. However, ATSDR's evaluation of data and exposure situations for users of these waterways indicates that the levels of radionuclides in the sediment, surface water, and biota are—and have been in the past—too low to cause observable health effects. It was beyond the scope of that report, however, to evaluate a catastrophic release due to dam failure. The schedule and results of periodic inspections may be of public interest.

### **Final Records of Decision**

In addition to presentations and discussions that highlight current news and progress, it might be interesting to visualize final Records of Decision that are projected in the out-years of the FFA and their potential content based on current conditions and anticipated results of actions being taken under interim Records of Decision.

Thank you for your attention to this input.

Sincerely,

A handwritten signature in black ink that reads "Luther V. Gibson, Jr." The signature is written in a cursive style with a large, stylized 'L' and 'G'.

Luther V. Gibson, Jr.

### **About the Author**

Luther Gibson served on the ORSSAB and its Executive Committee from 1999-2005. He served as ORSSAB Chair from August 2000 until August 2002, during which 36 recommendations and comments were delivered to agency officials. During his tenure on ORSSAB, he also served on an Environmental Management Advisory Board Alternative Technologies to Incineration Committee. He authored a report that the DOE Assistant Secretary for Environmental Management directed local EM managers to consider in making technology selection decisions. He retired from Consolidated Nuclear Security Y-12 in 2017 after a 40-year career with DOE Oak Ridge prime contractors at Paducah Gaseous Diffusion Plant, K-25, and Y-12. He holds B.S. and M.S. degrees in Chemical Engineering from the University of Kentucky. He worked in the areas of environmental technology development, operations research, environmental compliance, nuclear facility safety, and emergency management technical basis. He is a member of the American Institute of Chemical Engineers and the Air & Waste Management Association. He was recognized in the 1997 *International Who's Who of Professionals*. He is currently a Vice-President of the Coalition of Oak Ridge Retired Employees (CORRE). He chairs CORRE's Planning Committee and its Pension Fund Analysis Committee. He is also a member of CORRE's Other DOE Sites Committee and Contractor Contact Team with Consolidated Nuclear Security.