

# Oak Ridge Site Specific Advisory Board Monthly Meeting



Wednesday, February 8, 2023, 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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## **AGENDA**

## **PRESENTER BIO**

## **CALENDARS**

1. February
2. March (draft)

## **BOARD MINUTES/RECOMMENDATIONS & MOTIONS**

1. Draft October 12, 2022 Full Board Meeting minutes for approval
2. Draft November 9, 2022 Full Board Meeting minutes for approval

## **REPORTS & MEMOS**

1. Abbreviations & Acronyms
2. FY 2023 Incoming Correspondence
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**Oak Ridge Site Specific Advisory Board**  
**Wednesday, February 8, 2023, 6:00 p.m.**  
Hybrid meeting  
**AGENDA**

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- I. Welcome and announcements (L. Shields) ..... 6:00–6:05
- II. Comments from federal and state agency representatives  
(M. Noe, R. Petrie, S. Urquhart-Foster, K. Czartoryski)..... 6:05–6:10  
A. Recognition of new board members (J. Mullis)
- III. Presentation: Ensuring Waste Disposal Capacity (D. Mayton)..... 6:10–6:30  
**Issue Group:** *Jones, Lohmann, McCurdy, Sharpe, Shields, Shoemaker, Tapp*  
*– Members, please inform staff if you wish to join this or any other topic on the Work Plan.*  
Questions regarding the **presentation/speaker only**..... 6:30–6:40  
i. Board members  
ii. Guests – Please indicate you wish to speak by using the “raise hand” action in Zoom and wait to be acknowledged. Or you may type your question in the chat window.
- IV. Public comment period (S. Kimel)..... 6:40-6:50  
i. Comments on **other topics or concerns** for DOE or the board – Comments previously received to be read into the record.  
ii. *Comments pertaining to this meeting will continue to be accepted by email to [orssab@orem.doe.gov](mailto:orssab@orem.doe.gov) by no later than 5 p.m. EST on Monday, Feb. 13, 2023.*
- V. Call for additions & motion to approve agenda (L. Shields) ..... 6:50  
B. Requests for new action items  
C. Next meeting – EM/Stewardship meets Feb. 22 to discuss Ensuring Sufficient Waste Disposal Capacity. Board meets March 8 to discuss the DOE Annual Budget Development.
- *This ends the presentation portion of the meeting – presenters and subject experts may depart* —————
- VI. Board Business (L. Shields)..... 7:00–7:10  
A. Vote to Approve Previous Meeting Minutes  
a. Minutes of October 12, 2022  
b. Minutes of November 9, 2022
- VII. Responses to recommendations & alternate DDFO’s report (M. Noe) ..... 7:10–7:15
- VIII. Committee reports..... 7:15–7:20  
A. EM/Stewardship (M. Sharpe)
- IX. Additions to agenda & closing remarks (L. Shields) ..... 7:20–7:30  
A. Members please remain for board photos
- X. Adjourn ..... 7:30

## Dennis Mayton professional bio

Dennis is the senior project manager for the proposed new Environmental Management Disposal Facility landfill and existing landfills for the Oak Ridge Environmental Management office. Previously he managed the Groundwater Program Project Manager. He has been with DOE since 2015.

Prior to his time with the DOE, he was the Environmental Restoration Manager at the Holston Army Ammunition Plant in Kingsport, Tennessee for three years. Before that he worked more than 10 years managing environmental cleanup and engineering geology projects for U.S. Army Corps of Engineers. He also worked for private industry working CERCLA clean up projects at Army Sites.

Dennis has a Bachelor of Science degree in Geology from the University of Tennessee, Knoxville. Also, he served in the U.S. Air Force for four years.



*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 October 12, 2022 Meeting Minutes**

The Oak Ridge Site Specific Advisory Board (ORSSAB) held its annual planning meeting virtually via Zoom and in person at 1 Science.gov Way, Oak Ridge, on Wednesday, October 12, 2022 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 site at [www.youtube.com/user/ORSSAB/videos](http://www.youtube.com/user/ORSSAB/videos).

#### **Members Present**

Amy Jones, Vice Chair  
Harriett McCurdy  
Michael Sharpe  
Leon Shields, Chair

Bonnie Shoemaker  
Fred Swindler  
John Tapp  
Tom Tuck

Rudy Weigel

#### **Members Absent**

Thomas Geissberger  
Chris Hampel  
Lorna Hollowell

Noah Keebler  
Shell Lohmann, Secretary  
Greg Malone

Thomas McCormick  
Marite Perez  
Zach Wilkins

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

Erin Sutton, OREM  
Melyssa Noe, ORSSAB Deputy Designated Federal Officer (DDFO), OREM  
Roger Petrie, ORSSAB Alternate DDFO, OREM  
Heather Lutz, Tennessee Department of Environment and Conservation (TDEC)  
Samantha Urquhart-Foster, U.S. Environmental Protection Agency (EPA)

#### **Others Present**

Shelley Kimel, ORSSAB Support Office  
Sara McManamy-Johnson, ORSSAB Support Office

Nine members of the public were present.

#### **Liaison Comments**

**Ms. Noe** – Ms. Noe welcomed members and noted the meeting was the first in-person meeting in more than two years and the facility had been upgraded to allow for virtual hybrid meetings. She then introduced Erin Sutton, who replaced recently retired Dave Adler. Next, Ms. Noe gave an overview of key OREM accomplishments that had been achieved since the board last met, including demolishing the Criticality Experiment Laboratory at Y-12 National Security Complex (Y-12) and the Bulk Shielding Reactor at Oak Ridge National Laboratory (ORNL). She said many demolitions remain to be done and space will be needed to dispose of debris from those demolitions. With this aim, OREM recently signed a document with regulators that will allow OREM to finalize the design for a new disposal facility. Next, Ms. Noe discussed recent workforce development efforts by OREM contractor UCOR and OREM’s newly launched news program, Energycast-Oak Ridge, which featured profiles about some ORSSAB members.

**Ms. Samantha Urquhart-Foster** – Ms. Urquhart-Foster said EPA is glad to have the Environmental Management Disposal Facility (EMDF) record of decision (ROD) finalized and is looking forward to many achievements this fiscal year.

**Ms. Lutz** – Ms. Lutz said TDEC is delighted to be part of the tri-parties and working with OREM to continue cleanup.

### **Presentation**

Ms. Jones introduced Erin Sutton, presenter for OREM’s program overview.

Ms. Sutton started her presentation with a brief overview of OREM’s history and mission. She said this mission includes protecting human health and the environment, enabling critical ongoing DOE missions, and making clean land available for future use.

Next, Ms. Sutton described the cleanup program’s impact on the local economy, which includes a \$1.3 billion economic impact annually. She described key accomplishments by the program, including being the first in the world to remove a former uranium enrichment complex – K-25, later known as the East Tennessee Technology Park (ETTP) – and transforming the site into a multi-use industrial park, a national park, and a conservation area. She said that as building demolition and soil remediation work at ETTP is ending, work is transitioning to ORNL and Y-12. At Y-12, deteriorating buildings are being torn down and infrastructure to remove sources of mercury contamination are being built; at ORNL, contaminated facilities are being demolished, waste inventories eliminated, and radiological risks removed.

Ms. Sutton then discussed OREM’s need for a new disposal facility to meet the required capacity for cleanup planned at Y-12 and ORNL, and she discussed the recently signed ROD for the new facility. She then went into additional detail on the work currently underway at Y-12 and ORNL, including demolition of Beta 1 and Alpha 4 at Y-12 and OREM’s uranium (U)-233 processing project at ORNL.

### **Work Plan Topics and Discussion**

**DOE**

Mr. Petrie presented DOE's suggested topics for board focus this year:

- Ensuring sufficient waste disposal capacity to continue cleanup at Y-12 and ORNL
- ETTP Main Plant groundwater remedy selections
- Processing remaining inventory of U-233 stored at ORNL
- Excess contaminated facilities risk reduction activities at Y-12 and ORNL
- Provide input related to the fiscal year 2025 budget development for OREM

Regarding waste disposal, Mr. Petrie said that there is still a lot of work to be done on EMDF, so it would be a good topic for the board to continue to monitor. Next, he gave additional details about the remaining groundwater work to be done at ETTP. He said OREM hopes to reach an interim decision on a remedy for the Main Plant area of ETTP within the next year. After that is complete, several smaller areas will be evaluated over the next five or six years and board input will be needed on that. Mr. Petrie then discussed OREM's U-233 processing project at ORNL, providing an overview of the process and explaining that after the project is completed, the hope is that ORNL can reduce its security posture. He then moved on to excess contaminated facilities. He said Oak Ridge has the majority of the DOE complex's high-risk excess facilities, according to an inventory completed five or six years prior. That process will be ongoing for the next ten years, and OREM will continue to seek board input on it. Lastly, he said OREM is seeking the board's input on OREM's budget submittals. The budget the board will be considering this year's submittal will be for fiscal year 2025. He added that the budget recommendation is an opportunity for the board to provide input on areas board members feel need more attention in the OREM budget.

## **TDEC**

Ms. Lutz presented TDEC's suggested topics for board focus this year:

- Future disposal for the Environmental Management generated waste
- Remediation of contaminant sources within Bear Creek Valley (BCV)
- ETTP Main Plant Groundwater Remedy Selections
- Excess facilities risk reduction and decommissioning and demolition at ORNL and Y-12
- Processing and disposition of transuranic (TRU) waste

Ms. Lutz said TDEC's concerns are very similar to OREM's, including ensuring adequate waste disposal, selecting a groundwater remedy for the ETTP Main Plant Area and removing excess facilities at ORNL and Y-12. She also discussed two additional items TDEC would like to keep on the board's radar: remediation of contaminant sources within BCV and processing and disposition of TRU waste.

## **EPA**

No topics discussed or submitted.

After the presentation, board members asked the following questions:

- Ms. Shoemaker asked for the estimated completion date of the Mercury Treatment Facility (MTF). She then asked if funding is available for completion.

- Mr. Petrie said it's currently estimated for completion in 2024, but it most likely will be later. Regarding funding, Mr. Petrie said the project is fully funded.
- Ms. McCurdy asked how difficult it is to get contractors working on MTF in and out of the site since it is within Y-12, a secured area.
  - Mr. Petrie said it typically takes two hours going in and two hours leaving, plus an hour for safety planning, so roughly half of a ten-hour day. He said OREM is working with Y-12 to try to have at least some of the work area relocated to outside the more heavily secured area.
- Mr. Sharpe asked for a high-level explanation of mercury fog. He then asked if this is the first time it's been tried.
  - Ms. Sutton said it's a kind of spray adhesive that encapsulates. Mr. Petrie said it is not the first time it has been used, but OREM uses larger scale. He added that OREM has a technology development program that reviews different technologies for mercury cleanup and is still exploring options.
- Ms. Shoemaker asked if there is an issue with technetium (tech-99) at ETTP.
  - Mr. Petrie said there is still tech-99 at ETTP.

After the presentations, Ms. Noe gave members an overview of the work plan development process and issue groups' roles and responsibilities and the signup process.

### **Questions from the Public**

None

### **Public Comment**

See attached Public Comment #1.

### **Board Business/Motions**

The board lacked a quorum of members present (including virtual attendees) at the time of business discussions, so no business was conducted.

### **Responses to Recommendations & Alternate DDFO Report**

Ms. Noe asked members for feedback regarding whether they preferred the evening's reduced format for the annual planning meeting or the previous format, which included a day and a half of presentations and meetings.



She also said staff plans to arrange a tour for the board in January or February.

**Committee Reports**

Executive – None.

EM & Stewardship – None.

**Additions to the Agenda & Open Discussion**

None.

**Action Items**

*Open*

None

*Closed*

None

The meeting adjourned at 7:08 p.m.

I certify that these minutes are an accurate account of the June 8, 2022, meeting of the Oak Ridge Site Specific Advisory Board.

Leon Shields, Chair

Michelle Lohmann, Secretary

February 8, 2023

Oak Ridge Site Specific Advisory Board

ML/sm

PUBLIC COMMENT TO OAK RIDGE SITE SPECIFIC ADVISORY BOARD (ORSSAB)

Luther Gibson

Former ORSSAB Member and Chair

Vice-President, Coalition of Oak Ridge Retired Employees

My name is Luther Gibson. I was a member of ORSSAB from 1999-2005 and chair in 2001 and 2002. I retired in 2017 with over 40 years of service under Department of Energy Oak Ridge Management and Operating contracts. I am currently one of the vice-presidents of the Coalition of Oak Ridge Retired Employees.

ORSSAB has an important role in the community as a facilitator of public involvement with the Department of Energy that should go beyond only providing DOE advice and recommendations that it wants to hear.

The Public Involvement Plan for CERCLA Activities at the U.S. Department of Energy Oak Ridge Site has expectations of the ORSSAB EM/Stewardship Committee continuing work on crucial long-term stewardship issues. One expectation of the Committee has long been that it will serve informally as a Citizens Board for Stewardship until ORSSAB completes its mission and is disbanded, at which time a formal Citizens Board for Stewardship will be constituted. This implies a transition from Environmental Management to Legacy Management that may now be more phased than initially envisioned. ORSSAB needs to be kept more informed and make appropriate recommendation and comments on this transition. From the standpoint of retirees whose pension and other post-retirement benefits are funded through the Oak Ridge Reservation Cleanup Contract, they are not in favor of those benefits being transferred to a Legacy Management contractor. The Office of Legacy Management has directed termination of all pension plans under its purview, converting them to private insurance annuities or lump-sum payouts and moved administration of other post-retirement benefits to locations more remote from the retirees.

Ideally, members of the EM/Stewardship Committee should conduct a review of past stewardship recommendations that were implemented to determine if they have been maintained or need to be revisited. This would require additional effort and use of the committee as more than a continuance of discussion on the topic sprang upon the Board at its last meeting.

ETTP (or Heritage Center) remains visible with an appearance that is deviating from an acceptable end state. I recently visited the K-25 History Center and was amazed along the way at lack of landscape attention in some areas, the staging in parking lots of equipment understood to be for the Y-12 Uranium Processing Facility, and deep excavation that obscured the viewscape of the memorialized location. ORSSAB and public need to be apprised of the anticipated duration of such actions affecting the site.

Finally, each year ORSSAB and the public are solicited for input on priorities in the DOE budget. Historical budget priority recommendations recognized that funding former contractor workers' retirement benefits was one of, if not the highest priority. At some point, this was dropped as something understood and accepted, but it should be restated because of its importance and public acknowledgement in the past.

This concludes my remarks.



*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 November 9, 2022 Meeting Minutes**

The Oak Ridge Site Specific Advisory Board (ORSSAB) held its monthly meeting virtually via Zoom and in person at 1 Science.gov Way on Wednesday, November 9, 2022 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 site at [www.youtube.com/user/ORSSAB/videos](http://www.youtube.com/user/ORSSAB/videos).

#### **Members Present**

Chris Hampel  
Amy Jones, Vice Chair  
Noah Keebler  
Greg Malone

Harriett McCurdy  
Michael Sharpe  
Leon Shields, Chair  
Bonnie Shoemaker

Fred Swindler  
John Tapp  
Tom Tuck  
Rudy Weigel

#### **Members Absent**

Thomas Geissberger  
Lorna Hollowell  
Shell Lohmann, Secretary  
Thomas McCormick  
Marite Perez

<sup>1</sup>Third consecutive absence

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

Laura Wilkerson, Oak Ridge Office of Environmental Management (OREM) Acting Manager  
Nathan Felosi, OREM  
Melyssa Noe, ORSSAB Deputy Designated Federal Officer (DDFO), OREM  
Roger Petrie, ORSSAB Alternate DDFO, OREM  
Kristof Czartoryski, Tennessee Department of Environment and Conservation (TDEC)  
Samantha Urquhart-Foster, U.S. Environmental Protection Agency (EPA)

#### **Others Present**

Shelley Kimel, ORSSAB Support Office  
Sara McManamy-Johnson, ORSSAB Support Office

Emily Day, UCOR

Five members of the public were present.

### **Liaison Comments**

**Ms. Wilkerson** – Ms. Wilkerson began the meeting by recognizing board members completing their service on the board: Greg Malone, Marite Perez, Fred Swindler, Rudy Weigel, and Zach Wilkins. She then gave members a brief update on achievements within the cleanup program since the board met last, including the launch of hot-cell U-233 processing at ORNL, and the transfer of 18 acres of land that once housed the Biology Complex at Y-12 to the National Nuclear Security Administration (NNSA). She then said that with the recent signing of the record of decision (ROD) for the Environmental Management Disposal Facility (EMDF), OREM is continuing to keep the public informed about the project through public information sessions, one of which is scheduled for December 8 at the Scarborough Community Center. Next, she told members that OREM recently released an update to the program's 10-Year Plan, which provides an overview of the program's strategy, goals, objects and timetables for the following years. She said the document will continue to be updated. Lastly, Ms. Wilkerson reminded members that the new Energycast – Oak Ridge program airing on local community television and YouTube is a good way to get the latest updates on the OREM cleanup program.

**Ms. Samantha Urquhart-Foster** – Ms. Urquhart-Foster said DOE has accomplished a lot and she's looking forward to the future work coming up. She said she's grateful for the board's support.

**Mr. Czartoryski** – Mr. Czartoryski said he concurred with Ms. Urquhart-Foster's statements and value's ORSSAB's involvement.

### **Presentation**

Ms. Jones introduced Nathan Felosi, presenter for the evening's topic on U-233 Processing.

Mr. Felosi told members the U-233 processing project has two facilities at ORNL: Building 3019 and Building 2026. He said that during the Manhattan Project, plutonium that had been irradiated at the graphite reactor was then moved to Building 3019 for the first plutonium extraction process. After that, the building served a variety of missions and in the 1960s was designated as the nation's U-233 repository.

Building 2026, he said, was constructed in the 1960s as a radioactive materials analytical laboratory and had a variety of missions over the years for ORNL. In 2017, OREM took over the building from ORNL in preparation for U-233 processing.

Mr. Felosi told members that the U-233 being processed came from different parts of the country, so it is in varied containers with varied materials, and the materials fall within two categories. The first category, direct disposition, does not need to be downblended at Building 2026 and can be disposed of directly. This category comprised about half the inventory, and most has already been dispositioned. The remainder of the inventory must be downblended for proper disposal. He said if there was programmatic

value for the material in DOE or other program offices, it was transferred there.

In order to support the planned downblending in Building 2026, OREM had to first complete modifications to the building, including upgrading hot cell manipulators to increase reach and strength, installing piping and solidification equipment, adding a diesel backup generator, and upgrade the hot cells. He said that while OREM was completing the modifications to Building 2026, OREM was able to downblend some of the low-dose containers in gloveboxes. Those are complete now, so the remainder of the inventory will require hot cells.

Mr. Felosi said that OREM spent a considerable amount of time testing all the new equipment, making sure it all worked together, and going through readiness reviews. After receiving approval from DOE headquarters in Washington D.C., hot cell processing was able to begin. He added that OREM is beginning with just one set of hot cells with the aim of eventually using all the available sets.

Next, Mr. Felosi gave members an overview of the partnership between OREM contractor Isotek and TerraPower. One product of the U-233 downblending process is a rare isotope called thorium. Isotek has agreed to provide this isotope to TerraPower, which will then use the isotope to generate actinium-229 for a new targeted cancer treatment called alpha targeting therapy. In return, TerraPower provides funding that reduces taxpayer costs for the project.

After the presentation, board members asked the following questions:

- Mr. Swindler asked what types of tumors are targeted using the actinium.
  - Mr. Felosi said there were about five or six, including lymphoma, prostate, and breast cancer. He said the benefit of the alpha targeting therapy is it targets the cancer cells and affects healthy cells less than traditional treatments.
- Ms. McCurdy asked how many hot cells will there be.
  - Mr. Felosi said there would be five.

### **Questions from the Public**

None

### **Public Comment**

Mr. Sid Jones cited concerns about the accuracy of DOE's estimates for the volume of radioactive materials remaining onsite in CERCLA landfills versus shipped offsite.

### **Board Business/Motions**

1. Ms. Noe told members that the existing board officers (Leon Shields, chair; Amy Jones, vice

chair; Shell Lohmann, secretary) each expressed willingness to serve an additional year. She said no other members expressed interest. Ms. Noe then opened to the floor for nominations for each position. No nominations were made from the floor.

Ms. Noe asked for a motion to close nominations and elect Leon Shields as chair, Amy Jones as vice chair, and Shell Lohmann as secretary.

**a. 11.9.22.1 Motion to close nominations and re-elect current officers**

Motion made by Mr. Weigel and seconded by Ms. Shoemaker. Motion passed.

2. Mr. Shields asked for a motion to approve the June 8, 2022 meeting minutes.

**a. 11.9.22.2 Motion to approve the June 8, 2022 meeting minutes**

Motion made by Ms. McCurdy and seconded by Ms. Shoemaker. Motion passed.

### **Responses to Recommendations & Alternate DDFO Report**

Ms. Noe told members that ORSSAB's draft membership package was approved at headquarters and staff is just waiting to receive the official letters to distribute to the new members.

### **Committee Reports**

Executive – None.

EM & Stewardship – None.

### **Additions to the Agenda & Open Discussion**

None.

### **Action Items**

*Open*

None

*Closed*

None

The meeting adjourned at 6:40 p.m.

I certify that these minutes are an accurate account of the November 9, 2022, meeting of the Oak Ridge Site Specific Advisory Board.

Leon Shields, Chair

Michelle Lohmann, Secretary

February 8, 2023

Oak Ridge Site Specific Advisory Board

ML/sm

## **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  
DDFO – Deputy Designated Federal Officer  
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  
Y-12 – Y-12 National Security Complex  
ZPR – Zero Power Reactor



## FY 2023 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
30	11/2/2022	Petrie, DOE	Young, TDEC	TDEC Approval: Federal Facility Extension Request for WBV 1, WBV 3, WBV 5, WBV 7, and EU 9 Addendum A4 to 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/A4/R1)	DOEIC, Notified board officers of receipt
31	11/2/2022	Petrie, DOE	Young, TDEC	TDEC Comments: Addendum 1 (EU Z2-18) 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/A1)	DOEIC, Notified board officers of receipt
32	11/2/2022	Petrie, DOE	Amaroso, EPA	EPA Approval: Phased Construction Completion Report for Exposure Unit Z2-26 in Zone 2, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2889&D2)	DOEIC, Notified board officers of receipt
33	11/3/2022	Petrie, DOE	Young, TDEC	Erratum to the East Tennessee Technology Park Administrative Watershed Remedial Action Report Comprehensive Monitoring Plan, Oak Ridge, Tennessee (DOE-OR-01-2477&D4)	DOEIC, Notified board officers of receipt
34	11/8/2022	Petrie, DOE	Young, TDEC	TDEC Comments: Response Letter for the Proposed Plan for the Record of Decision for Groundwater in the K-31/K-33 Area at the East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2922&D1)	DOEIC, Notified board officers of receipt
35	11/15/2022	Felosi, DOE	Awasthi & Czartoryski, TDEC	Site Treatment Plan for Mixed Waste - Extension of the 2022 Site Treatment Plan Milestone for Status Report on Transuranic Sludge Mock-Up Testing	DOEIC, Notified board officers of receipt



## FY 2023 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
36	11/16/2022	Petrie, DOE	Urquhart-Foster, EPA	EPA Approval - Erratum to the East Tennessee Technology Park Administrative Watershed Remedial Action Report Comprehensive Monitoring Plan, Oak Ridge, Tennessee (DOE/OR/01-2477&D4)	DOEIC, Notified board officers of receipt
37	11/17/2022	Petrie, DOE	Urquhart-Foster, EPA	EPA's Approval of DOE's Proposed Changes to the Federal Facility Agreement for the Oak Ridge reservation Appendix C, Oak Ridge Remediation Sites and Appendix B	DOEIC, Notified board officers of receipt
38	11/18/2022	Urquhart-Foster, EPA & Young, TDEC	Pribish & Petrie, DOE	Federal Facility Agreement Milestone Extension Request for Proposed Plan for an Interim Record of Decision for Groundwater in Main Plant Area at ETTP (DOE/OR/01-2921&D2)	DOEIC, Notified board officers of receipt
39	11/21/2022	Petrie, DOE	Young, TDEC	TDEC Comment Letter RE: Phased Construction Completion Report for Exposure Unit Z2-25 in Zone 2, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2918&D2)	DOEIC, Notified board officers of receipt
40	11/21/2022	Petrie, DOE	Young, TDEC	TDEC Letter Phased Construction Completion Report for Demolition of the Biology Complex, Oak Ridge, Tennessee (DOE/OR/01-2926&D2)	DOEIC, Notified board officers of receipt
41	11/22/2022	Urquhart-Foster, EPA & Young, TDEC	Henry & Petrie, DOE	Transmittal of Addendum to the Removal Action Work Plan for the Y-12 Facilities Deactivation/Demolition Project, Oak Ridge, Tennessee: Beta-1 Complex Pre-Demolition (DOE/OR/01-2479&D1/A9/R1)	DOEIC, Notified board officers of receipt
42	11/22/2022	EM SSAB Distribution	Petit, DOE	DOE PFAS Initial Assessment Report	DOEIC, Notified board officers of receipt
43	11/27/2022	Petrie, DOE	Andrews, EPA	EPA Approval: Phased Construction Completion Report for Demolition of the Biology Complex, Oak Ridge Tennessee (DOE/OR/01-2926&D2)	DOEIC, Notified board officers of receipt



## FY 2023 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
44	11/28/2022	Petrie, DOE	Dawson, EPA	EPA Comments: Bethel Valley Remedial Action Core Team Technical Brief and Concurrence Form for Characterization and Remediation of Soils in West Bethel Valley 8 [WBV 8 Technical Brief]	DOEIC, Notified board officers of receipt
45	11/29/2022	Petrie, DOE	Adams, EPA	EPA Approval: Phased Construction Completion Report for Exposure Unit Z2-25 in Zone 2, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2918&D2)	DOEIC, Notified board officers of receipt
46	11/29/2022	Petrie, DOE	Urquhart-Foster, EPA	EPA Approval: Federal Facility Agreement Milestone Extension Request for Proposed Plan for an Interim Record of Decision for Groundwater in Main Plant Area at East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2921&D2)	DOEIC, Notified board officers of receipt
47	11/29/2022	Wilkerson, DOE	Janjic, TDEC	Draft of State Operating Permit No. SOP-02056 U.S. Department of Energy - Oak Ridge Office of Environmental Management Transuranic Waste Processing Center Lenoir City, Roane	DOEIC, Notified board officers of receipt
48	11/30/2022	Petrie, DOE	Young, TDEC	Extension Request for Proposed Plan for an Interim Record of Decision for Groundwater at Main Plant Area at East Tennessee Technology Park, Oak Ridge, Tennessee ((DOE-OR-01-2921-D2)	DOEIC, Notified board officers of receipt
49	11/30/2022	Petrie, DOE	Young, TDEC	TDEC Response RE: Phased Construction Completion Report for Exposure Unit Z2-19 in Zone 2, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2936&D1)	DOEIC, Notified board officers of receipt
50	12/1/2022	Petrie, DOE	Froede, EPA	EPA Comments: Field Sampling Plan for Baseline Groundwater and Surface Water Characterization at the Proposed Environmental Management Disposal Facility, Oak Ridge, Tennessee (DOE/OR/01-2812&D1)	DOEIC, Notified board officers of receipt



## FY 2023 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
51	12/1/2022	Petrie, DOE	Froede, EPA	EPA Comments: Phase 3 (Borrow Areas) Characterization Report for the Environmental Management Disposal Facility, Oak Ridge, Tennessee (DOE/OR/01-2832&D1)	DOEIC, Notified board officers of receipt
52	12/5/2022	Urquhart-Foster, EPA & Young, TDEC	Henry & Petrie, DOE	Transmittal of the Addendum to the Action Memorandum for the Y-12 Facilities Non-Time Critical Removal Action Deactivation/Demolition Project, Oak Ridge, Tennessee (DOE/OR/01-2462&D2/A1)	DOEIC, Notified board officers of receipt
53	12/5/2022	Urquhart-Foster, EPA & Young, TDEC	Pribish & Petrie, DOE	Federal Facility Agreement Milestone Extension Request for the Record of Decision for Final Soil Actions in Zone 1, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2711&D4)	DOEIC, Notified board officers of receipt
54	12/5/2022	Urquhart-Foster, EPA & Young, TDEC	Clemons & Petrie, DOE	Transmittal of The Addendum to The Remedial Design Report/Remedial Action Work Plan for The Decontamination and Decommissioning of Non-Reactor Facilities in Bethel Valley at The Oak Ridge National Laboratory, Oak Ridge, Tennessee: Demolition of Building 3038, Radioisotope Laboratory (Doe/Or/01-2428&D2/A11)	DOEIC, Notified board officers of receipt
55	12/5/2022	Urquhart-Foster, EPA & Young, TDEC	Pribish & Petrie, DOE	Transmittal of Addendum 15 to the Remedial Design Report/Remedial Action Work Plan for Zone 2 Soils, Slabs, and Subsurface Structures at East Tennessee Technology Park Oak Ridge, Tennessee: Water Management In Exposure Unit Z2-13, DOE/OR/01-2224&D5/A15	DOEIC, Notified board officers of receipt
56	12/5/2022	Urquhart-Foster, EPA & Young, TDEC	Pribish & Petrie, DOE	Federal Facility Agreement Milestone Extension Request for Addendum 7 (Exposure Unit Z2-41 Final) to the Fiscal Year 2007 Phased Construction Completion Report for the Zone 2 Soils, Slabs, And Subsurface Structures at East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2723&D2/A7/R1)	DOEIC, Notified board officers of receipt



## FY 2023 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
57	12/5/2022	Urquhart-Foster, EPA & Young, TDEC	Pribish & Petrie, DOE	Transmittal of the Erratum Pages for the Zone 1 Groundwater Plumes Remedial Investigation Work Plan East Tennessee Technology Park, Oak Ridge, Tennessee (DOE-OR-01-2903&D2)	DOEIC, Notified board officers of receipt
58	12/8/2022	Petrie, DOE	Froede, EPA	EPA Comments: Addendum to the Remedial Design Report for the Disposal of Oak Ridge Reservation Comprehensive Environmental Response, Compensation, and Liability Act of 1980 Waste, Oak Ridge, Tennessee, Work Plan for Groundwater Monitoring Wells West of EMWMF (DOE/OR/01-1873&D4/A2)	DOEIC, Notified board officers of receipt
59	12/8/2022	Petrie, DOE	Urquhart-Foster, EPA	EPA Approval Addendum 7 (Exposure Unit Z2-41 Final) to the Fiscal Year 2007 Phased Construction Completion Report for the Zone 2 Soils, Slabs, and Subsurface Structures at East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2723&D2/A7/R1; PCCR)	DOEIC, Notified board officers of receipt
60	12/8/2022	Petrie, DOE	Urquhart-Foster, EPA	EPA approval of the DOE 12-05-2022 extension request to extend the FFA Milestone submittal date for the ROD for Final Soil Actions in Zone 1, ETPP, Oak Ridge, Tennessee	DOEIC, Notified board officers of receipt
61	12/11/2022	Petrie, DOE	Andrews, EPA	EPA Comments: Addendum 2 to the Fiscal Year 2006 Phased Construction Completion Report for the Zone 2 Soils, Slabs, and Subsurface Structures (Exposure Unit Z2-42) at East Tennessee Technology Park, Oak Ridge, Tennessee, DOE/OR/01-2317&D2/A2	DOEIC, Notified board officers of receipt



## FY 2023 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
62	12/12/2022	Petrie, DOE	Andrews, EPA	EPA Comments: Addendum 1 (EU Z2-18) to the Fiscal Year 2009 Phased Construction Completion Report (PCCR) 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/A1	DOEIC, Notified board officers of receipt
63	12/12/2022	Petrie, DOE	Young, TDEC	TDEC Approval Letter Addendum to the Remedial Design Report/Remedial Action Work Plan for the Decontamination and Decommissioning of Non-Reactor Facilities in Bethel Valley at the Oak Ridge National Laboratory, Oak Ridge, Tennessee: Demolition of Building 3038, Radioisotope Laboratory (DOE/OR/01-2428&D2/A11)	DOEIC, Notified board officers of receipt
64	12/12/2022	Petrie, DOE	Young, TDEC	Federal Facility Agreement Milestone Extension Request for Addendum 7 (Exposure Unit 1241 Final) to the Fiscal Year 2007 Phased Construction Completion Report for the one 2 Soils, Slabs, and Subsurface Structures at East Tennessee Technology Park, Oak Ridge, Tennessee (PCCR D2/A7/R1) (DOE/OR/01-2723&D2/A7/R1)	DOEIC, Notified board officers of receipt
65	12/12/2022	Petrie, DOE	Young, TDEC	TDEC Approval Federal Facility Agreement Milestone Extension Request for the Record of Decision for Final Soils Actions in Zone 1, East Tennessee Technology Park, Oak Ridge, Tennessee (Z-1 Final Soils ROD D4) (DOE/OR/01-2711&D4)	DOEIC, Notified board officers of receipt
66	12/13/2022	Petrie, DOE	Froede, EPA	EPA Comments: Erratum Pages for the Zone 1 Groundwater Plumes Remedial Investigation Work Plan East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2903&D2)	DOEIC, Notified board officers of receipt





## FY 2023 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
67	12/13/2022	Petrie, DOE	VanTrees, EPA	EPA Comments: Proposed Plan for the Record of Decision for Groundwater in the K-31/K-33 Area at the East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2922&D1)	DOEIC, Notified board officers of receipt
68	12/1/2022	Urquhart-Foster, EPA & Young, TDEC	Clemons & Petrie, DOE	Transmittal of the Erratum to the WBV 1, WBV 3, WBV 5, WBV 7, and EU 9 Addendum A4 to the RDR/RAW Plan for Soils, Sediments, and Dynamic Characterization Strategy for Bethel Valley, OR (DOE/OR/01-2378&D5/A4)	DOEIC, Notified board officers of receipt
69	12/15/2022	Urquhart-Foster, EPA & Young, TDEC	Felosi & Petrie, DOE	Transmittal of the FFA Appendix (I-5 Information Assessment for ORNL	DOEIC, Notified board officers of receipt
70	12/16/2022	Petrie, DOE	Dawson, EPA	EPA Approval Letter Addendum to the RDRRAWP for the Decontamination and Decommissioning of Non-Reactor Facilities in Bethel Valley at the ORNL, Oak Ridge, TN Demolition of Building 3038, Radioisotope Laboratory (DOE/OR/01-2428&D2/A11)	DOEIC, Notified board officers of receipt
71	12/19/2022	Petrie, DOE	Young, TDEC	TDEC Comments: Addendum to the Remedial Design Report for the Disposal of Oak Ridge Reservation Comprehensive Environmental Response, Compensation, and Liability Act of 1980 Waste, Oak Ridge, Tennessee (DOE/OR/01-1873&D4/A2)	DOEIC, Notified board officers of receipt
72	12/20/2022	Urquhart-Foster, EPA & Young, TDEC	Felosi & Petrie, DOE	Transmittal of the Waste Handling Plan for Demolition of the Oak Ridge Graphite Reactor Support Facilities, Buildings 3002, 3003, and 3018, Oak Ridge National Laboratory, Oak Ridge, Tennessee (DOE/OR/01-2904&D1)	DOEIC, Notified board officers of receipt
73	12/20/2022	Urquhart-Foster, EPA & Young, TDEC	Pribish & Petrie, DOE	Transmittal of Federal Facility Agreement Appendix I-5 Information Assessment for East Tennessee Technology Park, Oak Ridge, Tennessee (UCOR-5588)	DOEIC, Notified board officers of receipt



## FY 2023 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
74	12/21/2022	Urquhart-Foster, EPA & Young, TDEC	Petrie, DOE	Transmittal of the 2021 Fifth CERCLA Five-Year Review of ORR (DOE/OR/O102895 & D2)	DOEIC, Notified board officers of receipt
75	12/27/2022	Urquhart-Foster, EPA & Young, TDEC	Henry & Petrie, DOE	Submittal of the Remedial Design Report/Remedial Action Work Plan for EMDF: Early Site Preparation Activities (DOE/OR/01-2934&D1)	DOEIC, Notified board officers of receipt
76	12/29/2022	Urquhart-Foster, EPA & Young, TDEC	Felosi & Petrie, DOE	Transmittal of the Waste Handling Plan for Building 3038 - Isotope Row Development Laboratory, Hot Cells Project for OREM (DOE/OR/01-2510&D2/R1)	DOEIC, Notified board officers of receipt
77	12/30/2022	Petrie, DOE	Andrews, EPA	EPA's Response to Comments for EU-42 PCCR Addendum 2 (DOE/OR/01-2317&D2/)	DOEIC, Notified board officers of receipt
78	1/4/2023	Urquhart-Foster, EPA & Young, TDEC	Petrie, DOE	Submittal of an Erratum to the East Fork Poplar Creek and Chestnut Ridge Administrative Watershed Remedial Action Report Comprehensive Monitoring Plan, OR (DOE/OR/01-2466&D5)	DOEIC, Notified board officers of receipt
79	1/5/2023	Petrie, DOE	Young, TDEC	TDEC Comments: Addendum to the Action Memorandum for the Y-12 Facilities Non-Time Critical Removal Action Deactivation/Demolition Project, Oak Ridge, Tennessee (DOE/OR/01-2462&D2/A1)	DOEIC, Notified board officers of receipt
80	1/9/2023	Petrie, DOE	Young, TDEC	TDEC Approval: Erratum to the WBV 1, WBV 3, WBV 5, WBV 7, and EU 9 Addendum A4 to the Remedial Design Report/Remedial Action Work Plan for Soils, Sediments, and Dynamic Characterization Strategy for Bethel Valley, Oak Ridge National Laboratory, Oak Ridge, Tennessee (DOE/OR/01-2378&DS/ A4)	DOEIC, Notified board officers of receipt
81	1/9/2023	Petrie, DOE	Young, TDEC	TDEC Approval letter Erratum to the East Fork Poplar Creek and Chestnut Ridge Administrative Watershed Remedial Action Report Comprehensive Monitoring Plan (DOE/OR/01-2466&D5)	DOEIC, Notified board officers of receipt



## FY 2023 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
82	1/9/2023	Petrie, DOE	Young, TDEC	TDEC Comment Letter: Review of the 2021 Fifth CERCLA Five-Year Review of the U.S. Department of Energy Oak Ridge Site, Oak Ridge, Tennessee (DOE/OR/01-2895&D2)	DOEIC, Notified board officers of receipt
83	1/10/2023	Urquhart-Foster, EPA & Young, TDEC	Hardin & Petrie, DOE	Transmittal of Erratum Pages for the Phased Construction Completion Report for the Zone 1 Powerhouse Area Electrical Vaults at the East Tennessee Technology Park	DOEIC, Notified board officers of receipt
84	1/12/2023	Urquhart-Foster, EPA & Young, TDEC	Hardin & Petrie, DOE	Federal Facility Agreement Milestone Extension Request for Proposed Plan for A Record of Decision for Groundwater in the K-31/K-33 Area at The East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2922&D2)	DOEIC, Notified board officers of receipt
85	1/13/2023	Urquhart-Foster, EPA & Young, TDEC	Hardin & Petrie, DOE	Transmittal of The Proposed Plan for An Interim Record of Decision for Groundwater in Main Plant Area at East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2921&D2)	DOEIC, Notified board officers of receipt
86	1/13/2023	Petrie, DOE	Dawson, EPA	EPA Approval: U.S. Department of Energy's (DOE) Erratum to the WBV 1, WBV 3, WBV 5, WBV 7, and EU 9 Addendum A4 to 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/A4)	DOEIC, Notified board officers of receipt
87	1/19/2023	Pribish, Felosi, Henry & Moore, DOE	Awasthi & Czartoryski, TDEC	Site Treatment Plan for Mixed Waste on the U.S. Department of Energy Oak Ridge Reservation – Submittal of the Annual Update and Semiannual Progress Report	DOEIC, Notified board officers of receipt
88	1/22/2023	Petrie, DOE	Andrews, EPA	EPA Comments: Phased Construction Completion Report for Exposure Unit Z2-19 in Zone 2, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2936224&D1)	DOEIC, Notified board officers of receipt



## FY 2023 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
89	1/23/2023	Petrie, DOE	Young, TDEC	TDEC Comments: Remedial Design Report/Remedial Action Work Plan for the Environmental Management Disposal Facility, Oak Ridge, Tennessee: Early Site Preparation Activities (DOE/OR/01-2934&D1)	DOEIC, Notified board officers of receipt
90	1/24/2023	Urquhart-Foster, EPA & Young, TDEC	Hardin & Petrie, DOE	FFA Milestone Extension Request for the ROD for Final Soil Actions in Z1 ETPP (DOE/OR/01-2711&D4)	DOEIC, Notified board officers of receipt
91	1/25/2023	Distribution	Stokes, 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 ETPP	DOEIC, Notified board officers of receipt
92	1/25/2023	Petrie, DOE	Urquhart-Foster, EPA	EPA Approval - Request to extend the Federal Facility Agreement milestone submittal date for the Record of Decision for Final Soil Actions in Zone 1, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE-OR-01-2711&D4)	DOEIC, Notified board officers of receipt
93	1/26/2023	Petrie, DOE	Young, TDEC	TDEC Approval Federal Facility Agreement Milestone Extension Request for Proposed Plan for a Record of Decision for Groundwater in the K-31/K-33 Area at the East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2922&D2)	DOEIC, Notified board officers of receipt
94	1/26/2023	Petrie, DOE	Young, TDEC	TDEC Approval: Erratum to the Phased Construction Completion Report for the Zone 1 Powerhouse Area Electrical Vaults at the East Tennessee Technology Park, Oak Ridge, Tennessee (DOE-OR-01-2828&D3)	DOEIC, Notified board officers of receipt
95	1/27/2023	Petrie, DOE	Young, TDEC	TDEC Comment Letter Addendum to the Removal Action Work Plan for the Y-12 Facilities Deactivation/Demolition Project, Oak Ridge, Tennessee: Beta-1 Complex Pre-Demolition (DOE/OR/01-2479&D1/A9/R1)	DOEIC, Notified board officers of receipt



## FY 2023 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
96	1/30/2023	Petrie, DOE	Young, TDEC	TDEC Approval Federal Facility Agreement Milestone Extension Request for the Record of Decision for Final Soils Actions in Zone 1, East Tennessee Technology Park, Oak Ridge, Tennessee (Z-1 Final Soils ROD D4) (DOEOR-01-2711&D4)	DOEIC, Notified board officers of receipt

## Travel Opportunities

Meeting/Event	Dates	Location	Cost	Additional Info
<b>FY 2023</b>				
<b>Waste Management Symposium</b> Requests: Keebler, McCormick	February 26-March 2	Phoenix, AZ	TBD	<a href="http://www.wmsym.org">www.wmsym.org</a>
<b>National Environmental Justice Conference &amp; Training</b> Requests:	March 7-9	Washington, D.C.	NA	<a href="http://thenejc.org">http://thenejc.org</a>
<b>2023 Spring Chairs Meeting</b> <i>Board officers preferred</i> Requests: Shields, McCurdy, Jones	March 21-22	Washington, D.C.	NA	
<b>RadWaste Summit</b> Requests:	June 6-8	Las Vegas, NV	TBD	<a href="http://www.radwastesummit.com/">http://www.radwastesummit.com/</a>
<b>EPA National Brownfields Conference</b> Requests:	August 8-11	Detroit, MI	TBD	<a href="https://brownfields2023.org/">https://brownfields2023.org/</a>
<b>DOE National Cleanup Workshop</b> Requests: Jones	September 11-13	Alexandria, VA	TBD	<a href="http://www.cleanupworkshop.com">www.cleanupworkshop.com</a> <b>Request Deadline TBD</b>
<b>2023 Fall Chairs Meeting</b> Requests: NA, all invited to attend	TBD	Oak Ridge	NA	
<b>ORSSAB Annual Meeting</b> <i>All members invited to attend</i>	TBD		NA	
<b>Shaded trips are closed</b>	<b>Due to the complexity of arranging government travel, please indicate your interest as soon as possible.</b> Some events may book up to a year in advance. If more members request to travel than an event will allow, the Executive Committee will choose attendees.			

## **ENVIRONMENTAL MANAGEMENT SITE-SPECIFIC ADVISORY BOARD IN OAK RIDGE**

### **BIOGRAPHIES**

**Atilio Anzelotti (Anderson County).** Dr. Anzelotti is a senior scientist with PETNET Solutions and a resident of Oak Ridge, Tennessee. His B.S. and M.S. degrees in Chemistry were received in Venezuela from the University of Los Andes and the Venezuelan Institute for Scientific Research, respectively. He received a Ph.D. in Chemistry from Virginia Commonwealth University. Dr. Anzelotti is active in the community and is a member of the American Chemical Society and the Oak Ridge Environmental Quality Board. He is interested in environmental and public health issues.

**Kris Bartolomew (Roane County).** Mr. Bartolomew is the owner of Turn Key Plumbing and Construction, a small family-owned business. A high school graduate with some college courses, Mr. Bartolomew has received licensures related to his trade. Those licenses include general contractor (BC-b(sm), plumbing/mechanical (CMC-A), and subsurface sewage installer. He lives in Lenoir City, Tennessee, which includes portions of Loudon and Roane counties. He is interested in environmental and public health issues.

**Mary Butler (Roane County).** Ms. Butler retired in 2017 as a staff pharmacist with Aurora Pharmacy, Inc. She received a B.S. in Pharmacy from the University of Wisconsin. She moved to Rockwood, Tennessee in 2020 and is eager to engage in the community here as she was previously active in several organizations in her native Wisconsin. Ms. Butler is interested in civic and educational issues.

**Paul Dill (Roane County).** Mr. Dill retired in 2018 as a project manager with Project Enhancement Corporation (PEC) supporting the Department of Energy's (DOE) National Nuclear Security Administration (NNSA) in the Office of Emergency Operations. In 2016, he was a senior continuity of operations analyst/subject matter expert with Excalibur/PEC supporting NNSA's Continuity Program Office. He received a B.S. in Industrial Engineering/Technology Management from Roger Williams University and an M.A. in Psychology from Ashford University. Mr. Dill also earned a Master Project Manager certification from the American Academy of Project Management. He is currently an associate member of the American Psychological Association and a member of the Society for Personality and Social Psychology. Mr. Dill lives in Oliver Springs, Tennessee, which includes portions of Anderson, Roane, and Morgan counties. He is interested in environmental and public health issues.

**Thomas Geissberger (Knox County).** Mr. Geissberger is a recent college graduate who works at Publix and was previously a team director for the Tennessee Clean Water Network nonprofit. He graduated with a B.S. in Geology and Environmental Studies from UT in 2020 and received an A.A. in General Studies from Pellissippi State Community College. Mr. Geissberger is a member of the Phi Sigma Theta National Honor Society and Phi Kappa Phi Honor Society, completed the tnAchieves Program, and

was selected for the Oak Ridge Associated Universities Higher Education Research Experience Program during his time as a student. He is interested in environmental and public health issues. He lives in Knoxville, Tennessee, and was appointed to the board in October 2021.

**Lorna Hollowell (Knox County).** Ms. Hollowell has served as the assistant director of education and development in the Office of Equity and Diversity at UT, Knoxville, since September 2019. Ms. Hollowell holds an M.S. in education from the University of Minnesota, Duluth, and a B.S. in Organizational Management from Oakland City University. Ms. Hollowell is currently pursuing a Ph.D. in Higher Education Administration from UT and expects to graduate in 2026. She is interested in educational issues and minority issues. Ms. Hollowell lives in Knoxville, Tennessee, and was appointed to the board in October 2021.

**Amy Jones (Anderson County).** Ms. Jones is the senior benefit coordinator and a licensed insurance agent for Madison Insurance Group. She is also a sales manager for Arrowbroker and a real estate agent at Stephenson Realty & Auction. Ms. Jones was the owner of Double J Enterprises of TN, in Rocky Top, Tennessee, until mid-2018. A high school graduate, Ms. Jones has also received her real estate license and insurance license. She is active in a variety of community organizations including serving as an ambassador for the Anderson County Chamber of Commerce, vice chair for the Anderson County Republican Party, past vice chair of the Anderson County Headstart Policy Council, and chair for the State of Tennessee Order of Amaranth Diabetes Charity. She is a committeewoman on the State Executive Committee for the Tennessee Republican Party, past chair of the Women's Ministry Banquet at Main Street Baptist, and president of two groups in the Order of the Eastern Star. Ms. Jones is interested in environmental and county government issues. She lives in Briceville, Tennessee, and was appointed to the board in July 2019. She currently serves as vice chair of the EM SSAB in Oak Ridge.

**Noah Keebler (Knox County).** Mr. Keebler is the owner of Arc Transportation, a logistics and freight company. He was previously a nuclear electronics technician with Ametek, which is a manufacturer of electronic instruments and electromechanical devices (no business with DOE or EM). Mr. Keebler received an A.S. in Electrical Engineering from Roane State Community College. He holds a certification in Instrumentation from Ludlum Measurements and several other certifications related to his work experience, including Occupational Safety and Health Administration training, electrical safety experience and radiation worker training. Mr. Keebler has an interest in environmental issues. He is a resident of Knoxville, Tennessee, and was appointed to the board in July 2019.

**Michelle Lohmann (Knox County).** Ms. Lohmann is the senior director of talent acquisition and brand at US Cellular. Previously, she was the program manager for the University Recruiting and Graduate Education Programs for Oak Ridge National Laboratory (ORNL)/UT. Ms. Lohmann is a member of the Loudon County Boys and Girls Club Advisory Board and has an interest in economic development and environmental issues. A high school graduate, Ms. Lohmann is now pursuing a joint



BA/MA in organizational psychology. She resides in Knoxville, Tennessee. She currently serves as secretary of the EM SSAB in Oak Ridge and was appointed to the board in June 2017.

**Michael Mark (Roane County).** Mr. Mark is a former first responder and hazmat professional. He earned a high school diploma and holds many certifications related to his career. He lives in Harriman, Tennessee, and is interested in environmental and economic development issues.

**Thomas McCormick (Campbell County).** Mr. McCormick is the city manager for the town of Oliver Springs, Tennessee, which includes portions of Anderson, Roane, and Morgan counties. He received a B.S. in Political Science from Middle Tennessee State University. He also has numerous certifications from the State of Tennessee, including as a water and wastewater treatment plant operator. Mr. McCormick lives in Jacksboro, Tennessee and is interested in city/county government and environmental issues. He was appointed to the board in December 2020.

**Ann (Harriett) McCurdy (Anderson County).** Ms. McCurdy retired in 2014 after more than 40 years as a teacher for middle- and high-school students both in the U.S. and abroad with a focus on the sciences. Most recently she served as a teacher of science and biology for grades 6-10 at Yangon Academy in Yangon, Myanmar. Prior to that, she taught a variety of science courses and environmental studies courses in China, Morocco, Kuwait, and Ecuador. Ms. McCurdy received a B.A. in Biology from Earlham College and an M.A. in Teaching Biology and her teaching certificate from Washington University. She is president of the Oak Ridge League of Women Voters and a member of Tennessee Citizens for Wilderness Planning. Ms. McCurdy is a resident of Oak Ridge, Tennessee, and is interested in civic, environmental, and educational issues. She was appointed to the board in February 2019.

**Michael Sharpe (Loudon County).** Mr. Sharpe is a SharePoint administrator and performs other technology- and web-based tasks for prime contractor Oak Ridge Associated Universities, which manages the Oak Ridge Institute for Science and Education (ORISE) for DOE. ORISE provides science, education, workforce development, and health services that include some Oak Ridge EM areas such as decontamination verifications to support cleanup. Mr. Sharpe received a B.S. in Business Administration from Tusculum University and an A.S. in Computer Programming from ITT Technical. Mr. Sharpe is interested in economic development and environmental issues. He is a resident of Lenoir City, Tennessee, and was appointed to the board in December 2020. He was recently elected co-chair of the board's EM Stewardship Committee.

**Leon Shields (Loudon County).** Mr. Shields is the director of water, wastewater, and natural gas operations for the Lenoir City Utilities Board in Lenoir City, Tennessee. He is also the owner of two small businesses: Instructional Concepts, which provides training in industrial, public, and private application of firearms, explosives, vehicle extrication, and rescue operations; and Music City Speed & Nostalgia, which specializes

in classic cars and vintage memorabilia. He is a member of multiple federal, state, and local boards, including planning commissions, boards of appeals, housing authorities, and advisory boards. A high school graduate, Mr. Shields is a member of several civic organizations, including the Boys and Girls Clubs of Tennessee Valley, Lenoir City High School Technical Advisory Board, Loudon County Chamber of Commerce, Demolay International, and the Fraternal Order of Police, among others. Mr. Shields has an interest in environmental issues. He resides in Lenoir City, Tennessee, and was appointed to the board in June 2017. He currently serves as chair of the EM SSAB in Oak Ridge.

**Bonnie Shoemaker (Anderson County).** Ms. Shoemaker retired in 2008 after 34 years at the DOE East Tennessee Technology Park and ORNL working in a variety of capacities, including chemical laboratory analyst, environmental compliance specialist, plant shift superintendent, emergency management specialist, and engineering technician. She is the recipient of two awards for operations and technical support in environmental compliance and emergency management. Ms. Shoemaker received her B.S. in Biology from UT. She has an interest in environmental and public health issues. Ms. Shoemaker is a resident of Clinton, Tennessee. She was appointed to the board in June 2017 and currently serves as chair of the EM Stewardship Committee for the EM SSAB in Oak Ridge.

**John Tapp (Knox County).** Dr. Tapp is a civil and environmental engineer with nearly 50 years of experience in all areas of environmental protection and restoration, including private and public utility management, civil and environmental engineering, strategic planning, budgeting, and project development. Dr. Tapp has recently worked for Electric Utility Disaster Specialists, Inc. as an independent technical assistance consultant for the Federal Emergency Management Agency in the water and wastewater field with deployments to the U.S. Virgin Islands and the California Camp Wildfire. Prior work included HDR-ICA Engineering, where he provided consulting in a broad range of areas, including environmental permitting and interaction with state and federal regulatory agencies, and work with the Kentucky Infrastructure Authority, where he managed the statewide planning effort for the Authority. Dr. Tapp spent most of his career as a founding partner in Commonwealth Technology, an environmental and engineering consulting firm, and previously worked with the Kentucky Division of Water, the Environmental Protection Agency, and the U.S. Public Health Service. Dr. Tapp received his B.S. and M.S. degrees in Civil Engineering and his Ph.D. in Agricultural Engineering from the University of Kentucky. Dr. Tapp has an interest in environmental and economic development issues. He is a member and past president of the Kentucky-Tennessee Water Environment Association, a member of the Water Environment Federation, the Karns Community Club, and the Enhance Powell Committee. Dr. Tapp lives in Powell, Tennessee, and was appointed to the board in June 2017.

**Thomas Tuck (Knox County).** Mr. Tuck is a retired banking executive with TNBANK. He served as president of the bank since 1995 and in March of 2020 transitioned to part-time employment as part of a leadership transition/retirement. Mr. Tuck received a B.S. in Business and Marketing from University of Tennessee (UT) and is a Certified Banker

through the School of Banking of the South. Mr. Tuck is a member of the board of directors for local organizations including the Oak Ridge Chamber of Commerce, Oak Ridge Heritage and Preservation Association, and the East Tennessee Economic Council. He is a member of the Y-12 Community Relations Council. He is interested in civic and local business issues. He is a resident of Knoxville, Tennessee, and was appointed to the board in December 2020.

		Nov. - U233	Feb. - Waste Disposal	March - Budget	April - NA (Chairs)	May - Groundwater	June - Excess Facilities	July - NA	Aug. - NA	Sept. - NA (Chairs)
Amy	Jones	x	x	x		x	x			
Noah	Keebler									
Michelle*	Lohmann	x	x	x		x	x			
Thomas	McCormick					X				
Harriett*	McCurdy	x	x	x		X	X			
Michael*	Sharpe	x	x	x		x	x			
Leon*	Shields	x	x	x		x	x			
Bonnie	Shoemaker	X	X			X				
John	Tapp		X			X				
Tom	Tuck									
Atilio	Anzellotti									
Kris	Bartholomew									
Mary	Butler									
Paul	Dill									
Harold	Conner									
Rosario	Gonzalez									
Mike	Mark									
Christine	Michaels									

**All Members should sign up for at least one issue**