

Oak Ridge Site Specific Advisory Board Monthly Meeting



Wednesday, March 11, 2020, 6 p.m.

DOE Information Center
1 Science.gov Way
Oak Ridge, Tennessee

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.

CONTENTS

AGENDA

PRESENTATION MATERIALS — To be distributed prior to or at the meeting.

CALENDARS

1. March
2. April (draft)

REPORTS & MEMOS

1. EM Project Update and Abbreviations
2. Travel Opportunities for FY 2020
3. Incoming Correspondence



Oak Ridge Site Specific Advisory Board
Wednesday, March 11, 2020, 6:00 p.m.
DOE Information Center
1 Science.Gov Way, Oak Ridge, TN 37831
AGENDA

- I. Welcome and announcements (L. Shields) 6:00–6:15
- II. Comments from federal and state agency representatives
(D. Adler, C. Jones, K. Czartoryski) 6:15–6:20
- III. Presentation: Reuse/Historic Preservation at ETTP (S. Cooke)..... 6:20–6:40
Issue Group: Shields, Shoemaker, Tapp
Questions regarding the **presentation/speaker only** 6:40–6:50
 - i. Board members
 - ii. Guests - *Please use the microphone so questions about the presentation can be documented for the meeting record.*
- IV. Public comment period (A. Duke) 6:50-7:00
 - i. Comments on **other topics or concerns** for DOE or the board - *Please use the microphone so comments for the board or DOE can be documented for the meeting record.*
- V. Call for additions & motion to approve agenda (L. Shields) 7:00
 - A. Requests for new action items
 - B. Next meeting – Wednesday, April 8
Presentation: Efforts to Assure Sufficient Waste Disposal Capacity (B. Henry)
Issue group: Baker, Browning, McCurdy, Perez, Shields, Shoemaker, Swindler, Tapp

————— *This ends the presentation portion of the meeting – presenters and subject experts may depart* —————

- VI. Board Business..... 7:05–7:15
 - A. Motion to Consider Consecutive Absences by D. Wilson (B. Shoemaker)
- VII. Responses to recommendations & alternate DDFO’s report (M. Noe) 7:15–7:20
- VIII. Committee reports 7:20–7:25
 - A. EM/Stewardship (A. Jones)
 - B. Executive (L. Shields)
- IX. Additions to agenda & closing remarks (L. Shields) 7:25–7:30
- X. Adjourn 7:30

Steve Cooke works for the DOE Oak Ridge Office of Environmental Management supporting East Tennessee Technology Park Reindustrialization and Historic Preservation efforts.

Steve has worked for the Department of Energy for more than 25 years, primarily in program and project management roles, supporting waste management, soil and groundwater assessments, and technology development. He was educated at Tennessee Tech University and the University of Tennessee, earning Bachelor of Science and Master of Science degrees in Mechanical Engineering.



East Tennessee Technology Park

Interpreting the Past Planning the Future

Steve Cooke

Oak Ridge Office of Environmental Management

March 11, 2020

Interpreting the Past

1939 – President Roosevelt, concerned that Germany will develop an atomic bomb, establishes the “Advisory Committee on Uranium”

1941 – Columbia University contracted to study gaseous diffusion process

1941 – Japan bombs Pearl Harbor; US enters WWII

1942 – President Roosevelt approves atomic weapon production

1942 – Manhattan Engineer District, established in New York City, moves to TN

1943 – Construction begins on Building K-25, before the porous barrier is designed

1945 – Building K-25 becomes operational 16 months after construction starts



1945 – Little Boy atomic bomb was dropped on Hiroshima, Japan on August 6

1945 – Japan surrenders unconditionally on August 14

National Historic Preservation Act Requirements

- Identification of historic properties
- Identification of effects
- Examination of feasible alternatives to avoid effects
- Minimization or mitigation of the potential effects if avoidance is not possible

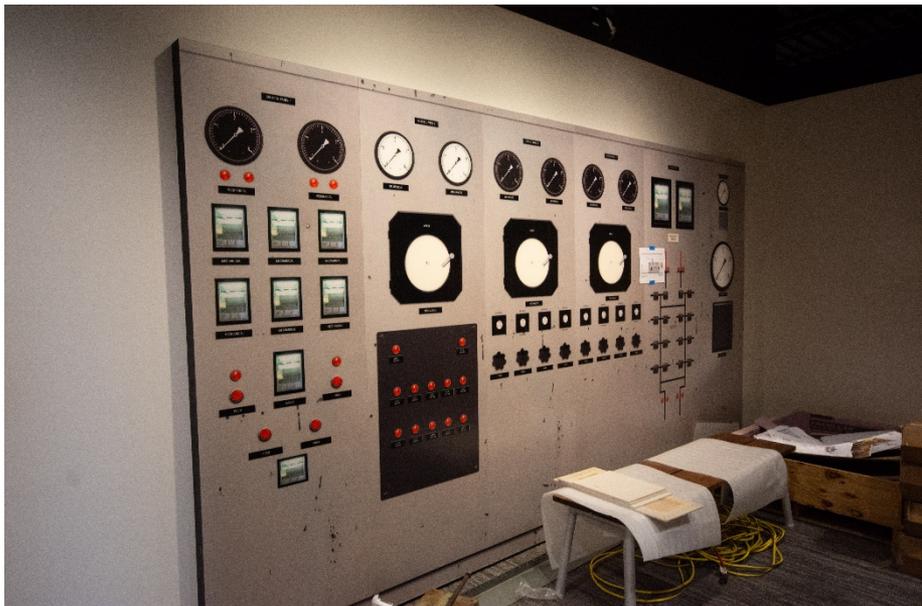
MOA Consulting Parties



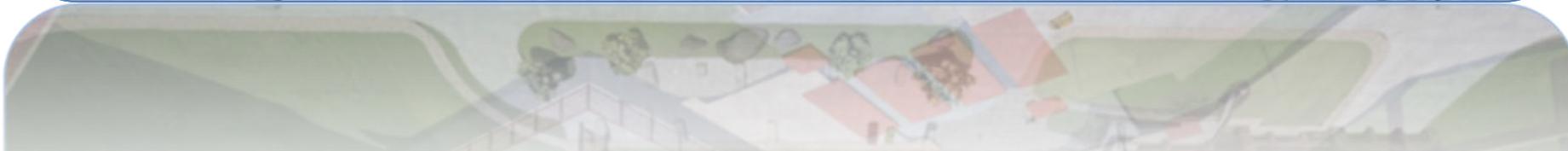
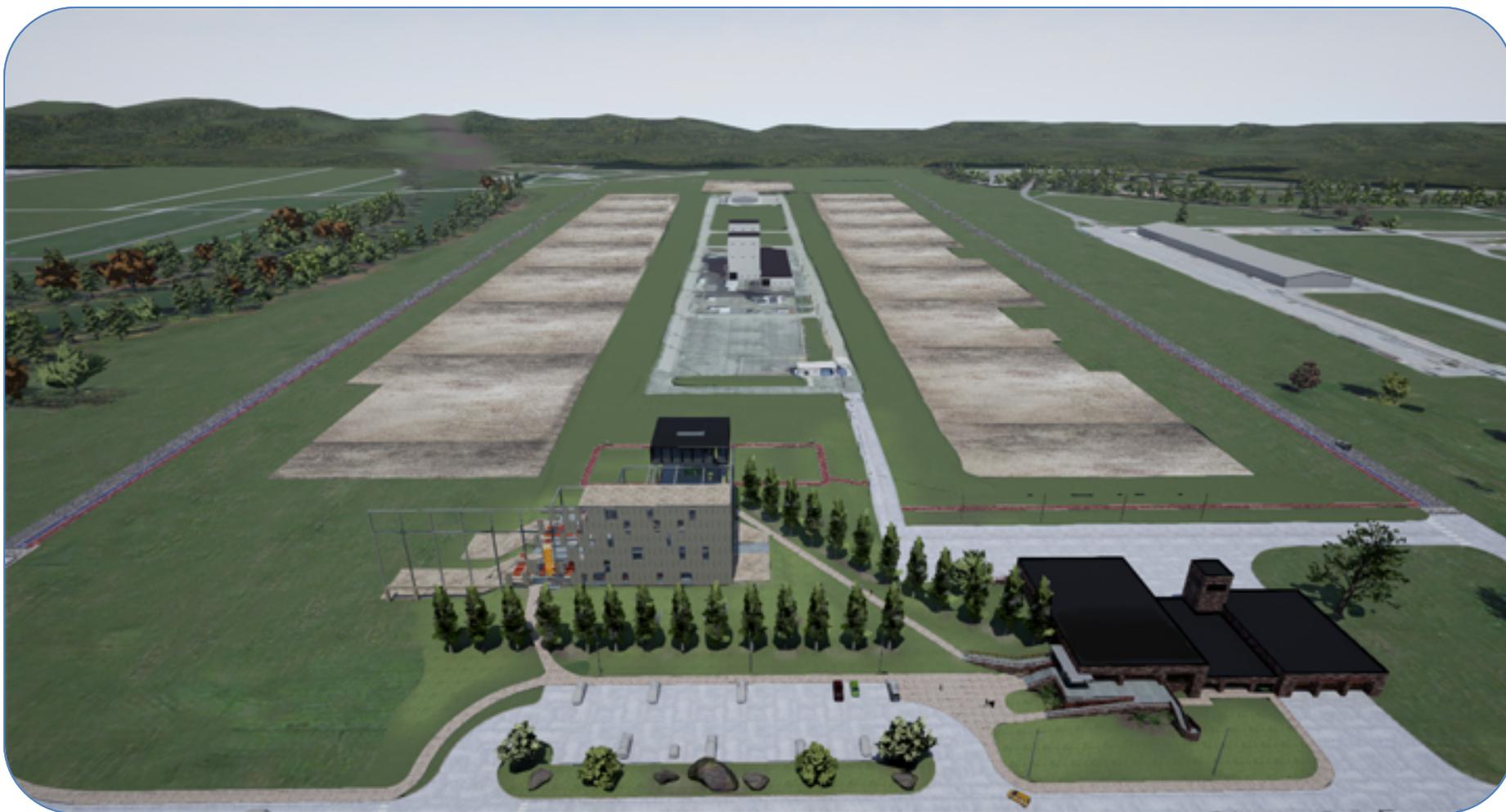
Interpreting the Past: K-25 History Center



Interpreting the Past: K-25 History Center



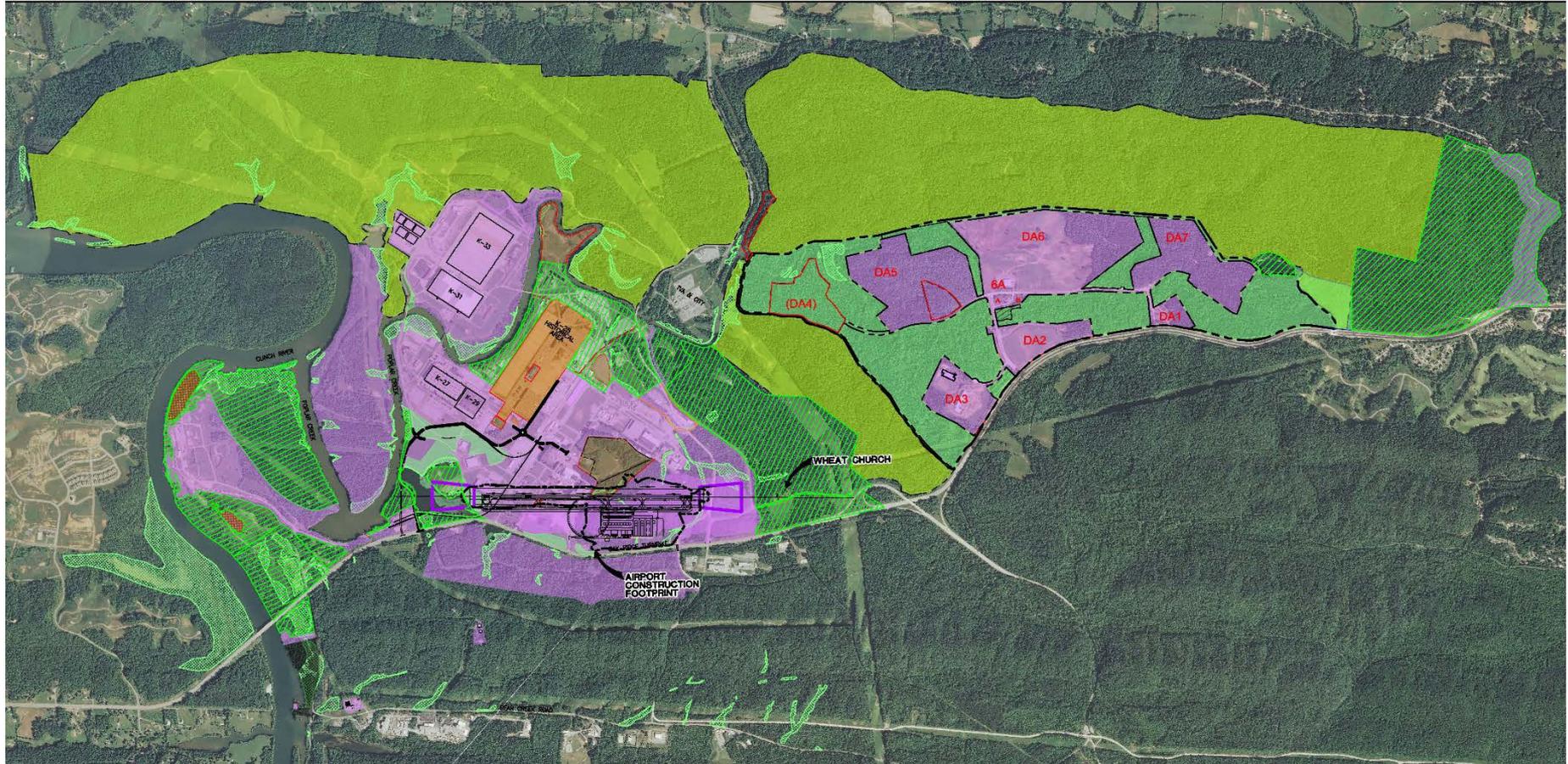
Interpreting the Past: Preservation Footprint



Planning the Future



Planning the Future



Planning the Future: The Path to Reuse



Building demolition and
waste disposal

Soil and groundwater
remedial actions

Land and building transfers

Infrastructure transfers

Historic preservation

Conservation and
Recreation



Planning the Future: Building Demolition - 2017



 = Demolished

 = To be demolished

 = Leased or Transferred

Planning the Future: Building Demolition - 2018



 = Demolished  = Deactivation underway  = To be demolished  = Leased or Transferred

Planning the Future: Building Demolition - 2019

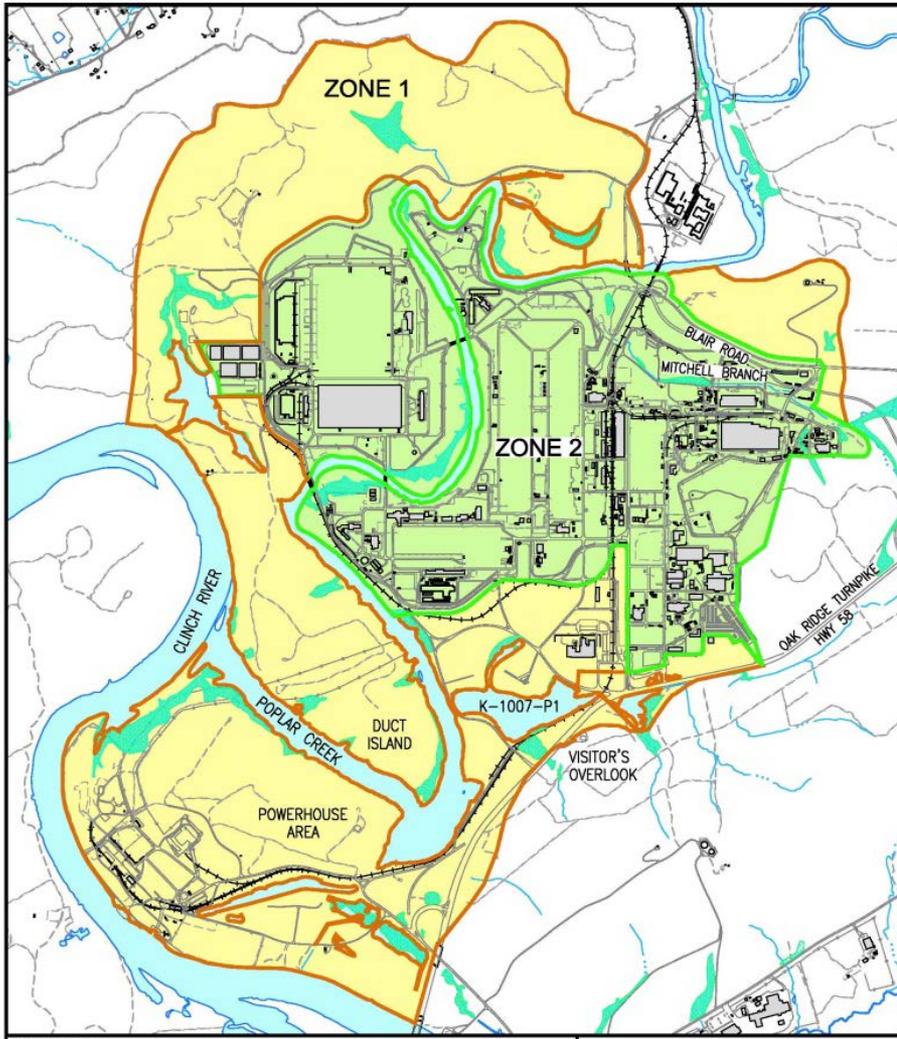


 = Demolished

 = Deactivation underway

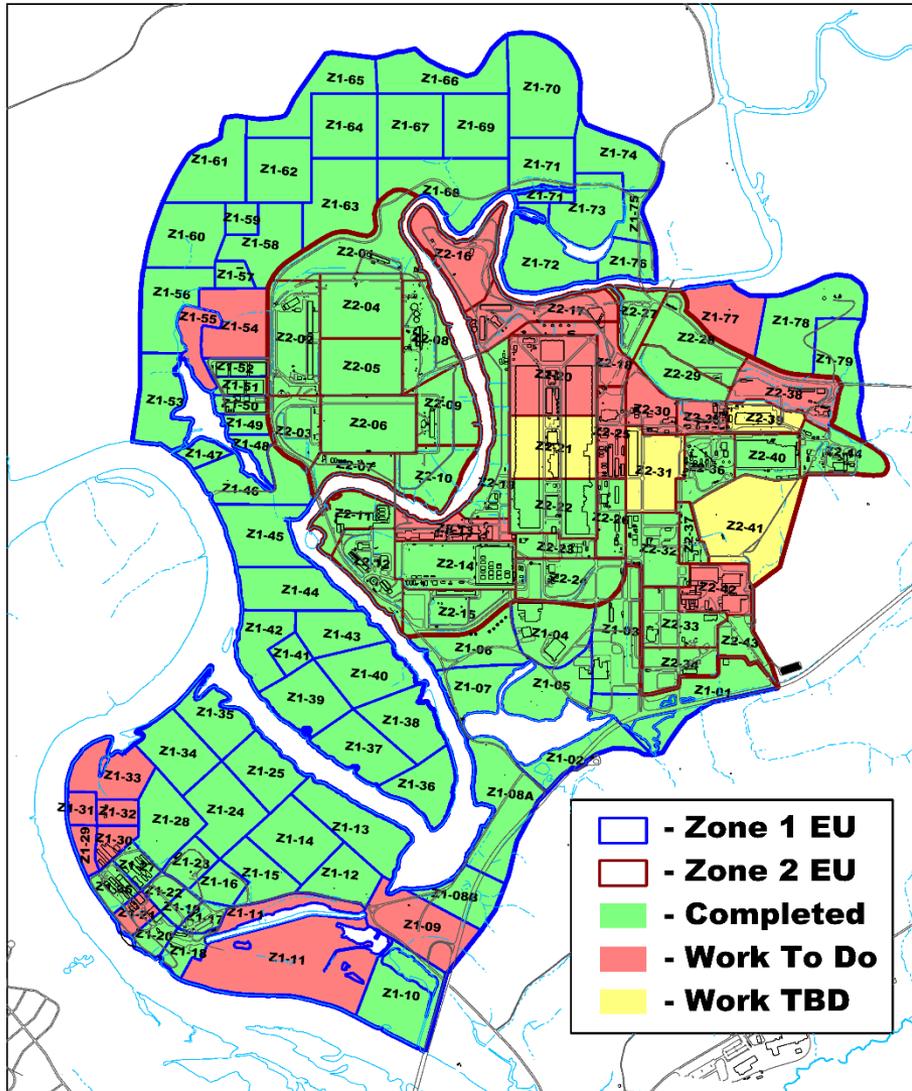
 = Demolition underway

Planning the Future: Environmental Restoration



- Zone 1: 1,287 acres
- Zone 2: 802 acres

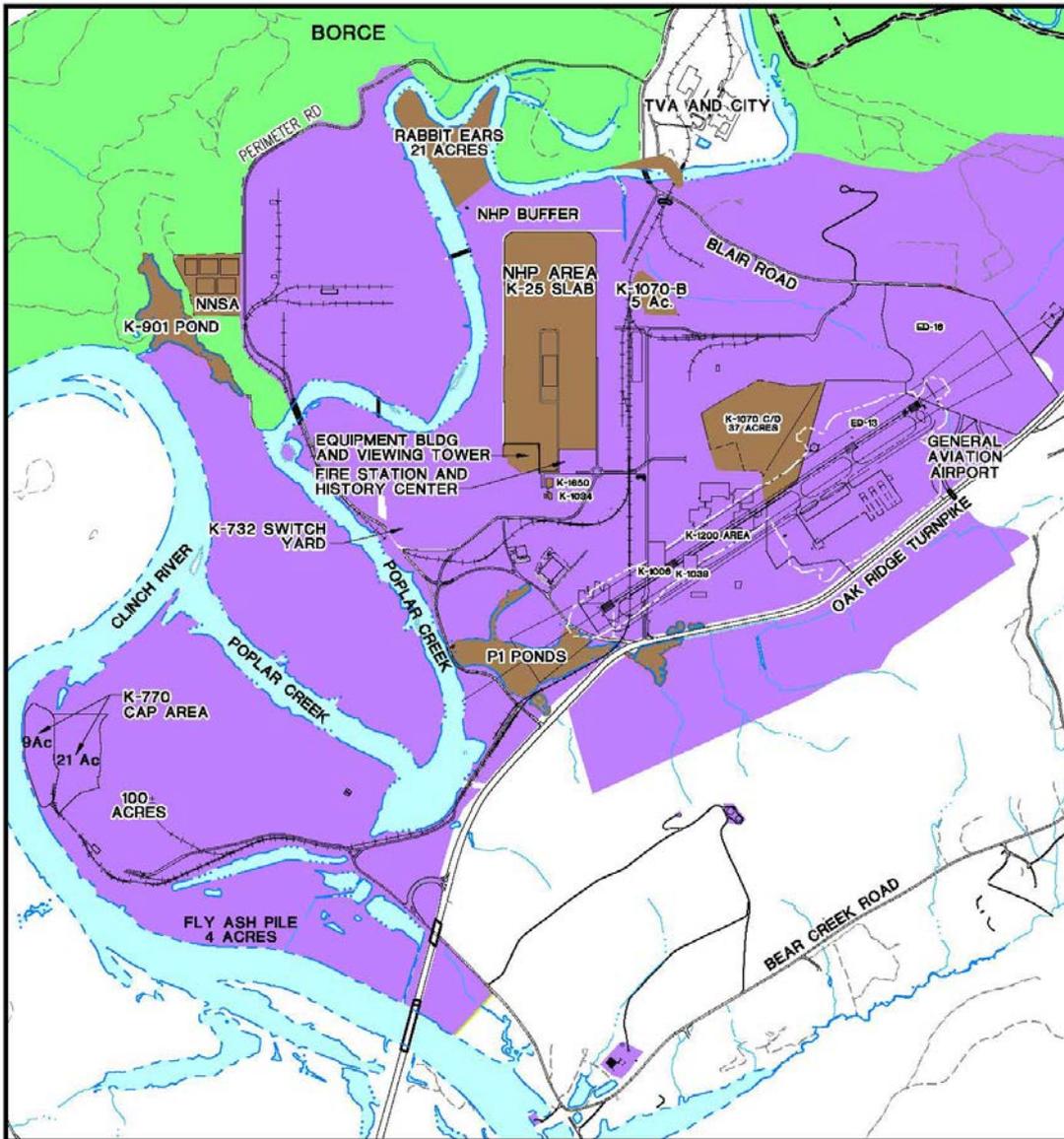
Planning the Future: Environmental Restoration



- Zone 1: 2024 completion
- Zone 2: 2025 completion

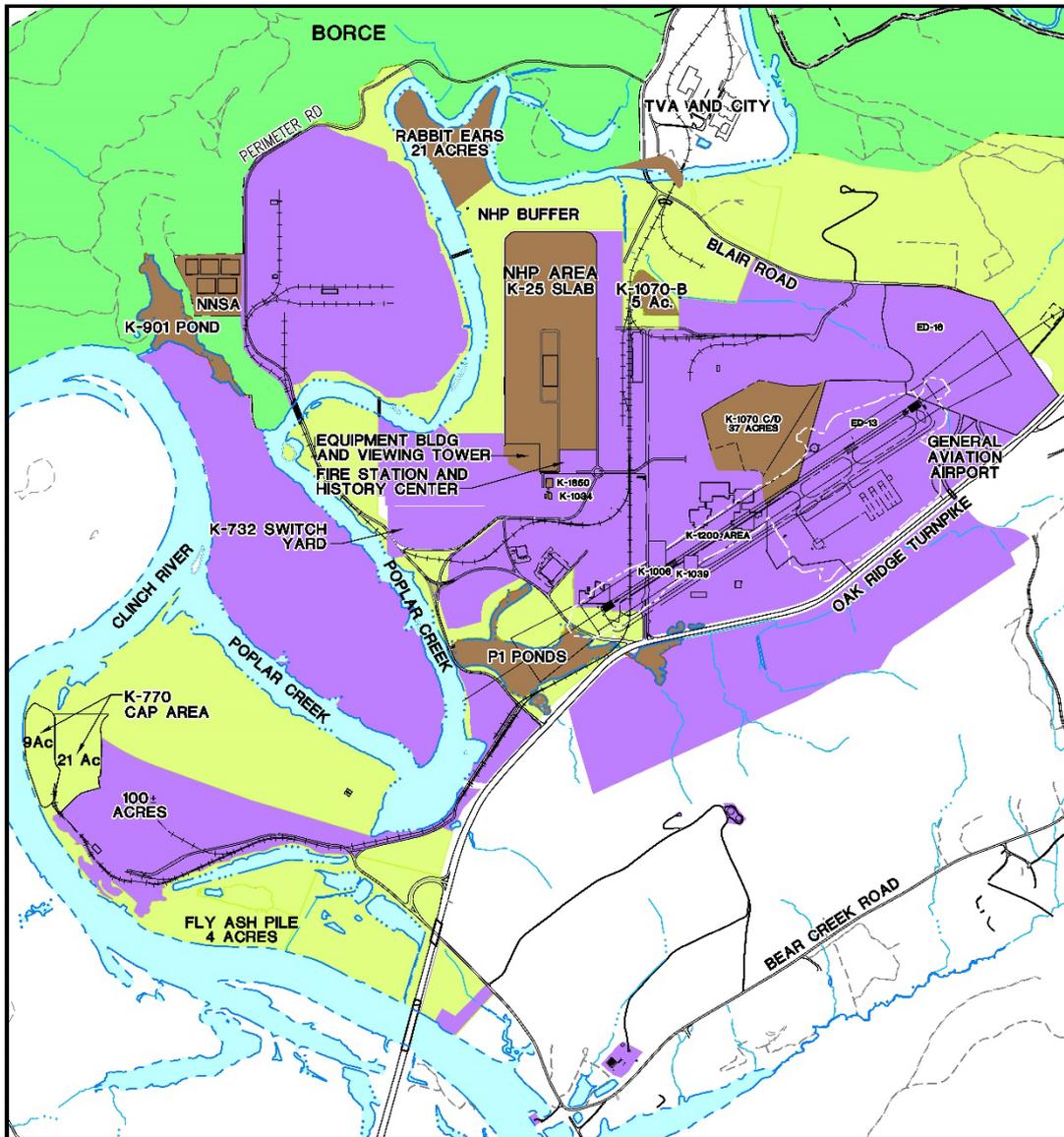
Planning the Future: Property Transfer

- Repurpose
 - Land
 - Buildings
 - Infrastructure

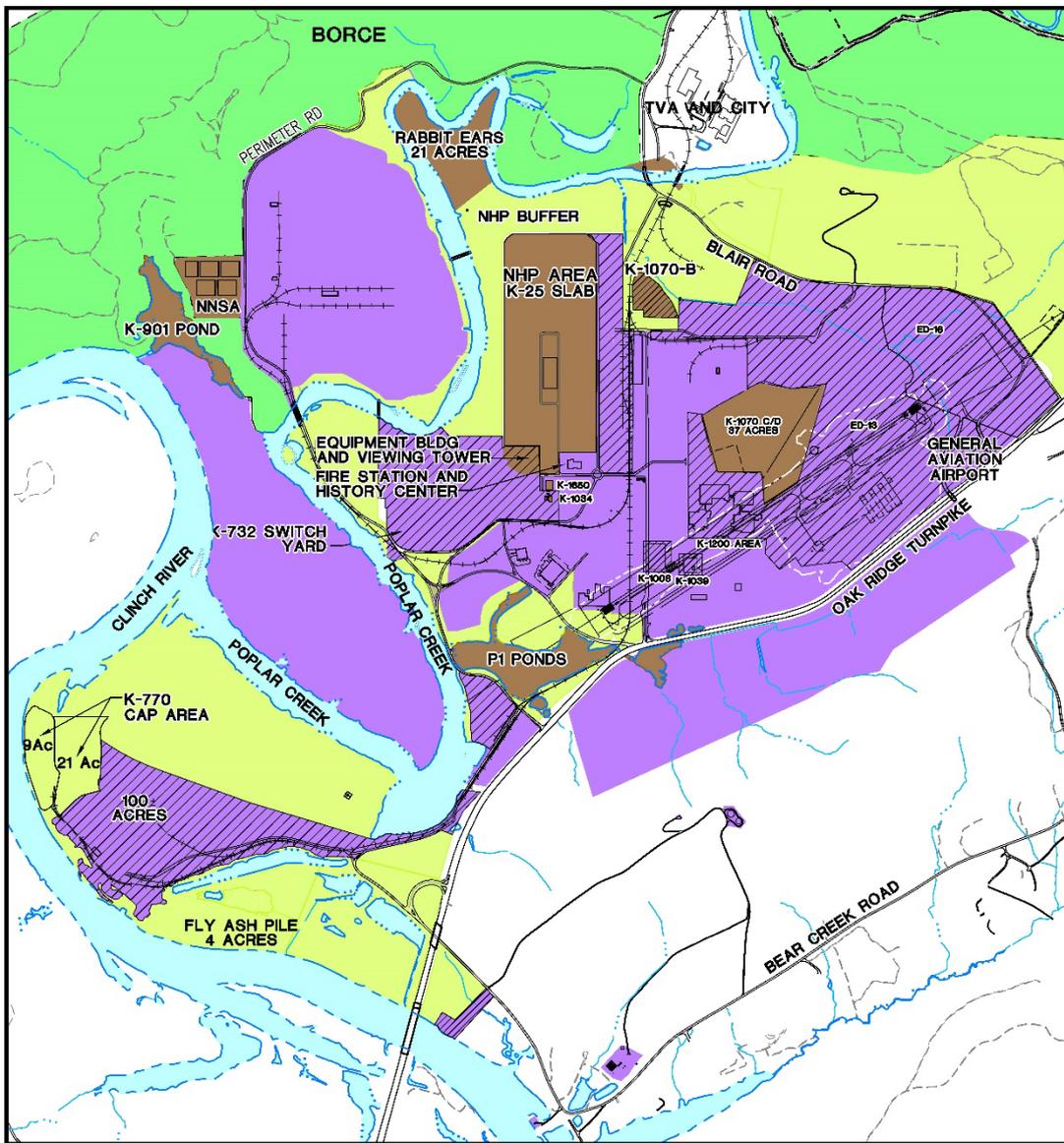


Planning the Future: Property Transfer

- Repurpose
 - Land
 - Buildings
 - Infrastructure



Planning the Future: Property Transfer



- Repurpose
 - Land
 - Buildings
 - Infrastructure
- Transfer for Revitalization / Reuse
 - 783 acres transferred to date
 - 577 acres transferred to Tennessee Occupational Safety and Health Administration oversight
 - Other transfers in planning stage
- End State >> Mixed Use:

Planning the Future





Oak Ridge Site Specific Advisory Board

March

2020

Topic – Reuse and Historic Preservation at ETPP

Issue group – Shields, Shoemaker, Tapp

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4 Executive Committee meeting 5 p.m.	5	6	7
8	9	10	11 Board meeting 6 p.m.	12	13	14
15	16	17	18	19	20	21
22	23	24	25 EM/Stewardship Committee Meeting 6 p.m.	26	27	28
29	30	31				

Meetings are at the DOE Information Center, Office of Science and Technical Information, 1 Science.gov Way, Oak Ridge unless noted otherwise.

ORSSAB Support Office: (865) 241-4583 or 241-4584 **DOE Information Center:** (865) 241-4780
ORSSAB Conference Call Line: (866) 659-1011; enter the participant code when prompted: 3634371#

Board meetings on cable TV and YouTube	
Knoxville: Charter Channel 6, Comcast Channel 12	Sundays at 8 p.m.
Lenoir City: Charter Cable Channel 193	Wednesdays, 4 p.m.
Oak Ridge: Channel 12	Fourth Mondays, 7 p.m.
Oak Ridge: Channel 15	Monday, Wednesday, Friday, 8 a.m. & noon
YouTube	http://www.youtube.com/user/ORSSAB



Oak Ridge Site Specific Advisory Board

April (draft)

2020

Topic – Ongoing Efforts to Assure Sufficient Waste Disposal Capacity

Issue group – Baker, Browning, McCurdy, Perez, Pitchers, Shields, Shoemaker, Swindler, Tapp

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 CANCELLED- Executive Committee meeting	2	3	4
5	6	7	8 Board meeting 6 p.m.	9	10	11
12	13	14	15	16	17	18
19	20	21	22 EM/Stewardship Committee meeting 6 p.m.	23	24	25
26	27	28	29	30		

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Abbreviations/Acronyms List for Environmental Management Project Update

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
CEUSP – Consolidated Edison Uranium Solidification Project
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
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

EM Project Update

ETTP	January	February
Zone 1 Final Soils ROD		The RIWP for the K-720 Fly Ash Pile was submitted to the regulators for review/approval.
Zone 1 Interim ROD		The Tech Memo for the Powerhouse Electrical Vaults was submitted to the regulators for review/approval.
Zone 2	The Technitium-99 project is 97 percent complete with the anticipated contaminated soil excavation.	The Tech Memo for EU Z2-22 was submitted to the regulators for review/approval.
	The Sampling & Analysis Plan for Z2-EU 19 was submitted to the regulators for review/approval.	The Tech Memo for EU Z2-25 was submitted to the regulators for review/approval.
	The Tech Memo for Building K-1203, Z2-EU 12 was submitted to the regulators for review/approval.	The Tech Memo for EU Z2-26 was submitted to the regulators for review/approval.
	The QAPP and Dynamic Work Plan for the Characterization RDR/RAWP was submitted to the regulators for review/approval.	The Tech Memo for EU Z2-35 was submitted to the regulators for review/approval.
		The PCCR Addendum for EU Z2-23 & EU Z2-24 was submitted to the regulators for review/approval.
Remaining Facilities	Continued mechanical isolations in Building K-1600 and began marking sample locations and mobilizing deactivation resources.	Universal and hazardous waste removal is 90 percent complete in Building K-1600. Asbestos containing material (ACM) abatement is 50 percent complete.
	Deactivation is complete in Building K-1200. Began installing sediment controls in preparation for demolition. Separated Building K-1200 from K-1210 in order to ensure safe demolition of K-1200 while continuing to removed centrifuges from K-1210.	Initiated demolition on Building K-1200. Deactivation was completed on K-1220.
	Centrifuge machine disassembly is 83 percent complete in Building K-1210, and shipping is 66 percent complete.	Centrifuge machine disassembly is 92 percent complete in Building K-1210, and shipping is 88 percent complete.
	Demolition is 94 percent complete in the Centrifuge Lab Area and 94 percent of debris is disposed in local landfills.	Demolition is complete in the Centrifuge Lab Area and all debris is disposed in local landfills.
	Completed 72 percent of universal waste removal and 98 percent of internal asbestos abatement in Building K-1006. Also completed 40 percent of process equipment removal.	Demolition and size reduction are complete in Building K-1006. Deactivation waste shipping is 50 percent complete.
	The demolition of the K-631/K-131 Poplar Creek Building slabs is 98 percent complete. Removal of K-1131, K-413, and K-1231 slabs is 45 percent complete.	The demolition of the K-631/K-131 Poplar Creek Building slabs is complete. Also the demolition of the K-1131, K-413, and K-1231 slabs is complete and the backfilling is 66 percent complete.
	Completed the demolition of the flume roof structure in the K-832 Basin and began removing sludge. Collected two confirmation samples from the floor of the basin.	
	The WHP Addendum for the Centrifuge Equipment in K-1210/K-1220 was approved by the regulators.	

EM Project Update

ETTP	January	February
ETTP Historic Preservation	Completed installation of decorative metal panels at K-25 History Center entrance and on canopy, applying stucco to gallery gate walls, caulking sidewalks, and installation of handrails at emergency exit. Continued installation of exhibit case work, glass, graphics, and artifacts. Mount Maker completed installation of artifact mounts and associated artifacts. Initiated installation of audiovisual equipment, audiovisual productions, and master control equipment. Evaluated proposals for construction of the Equipment Building, Viewing Tower, and associated site improvements and determined that both proposals were technically acceptable.	Completed resurfacing the lobby floor and installation of reception desk and Memory Zone countertop. Completed installation of speaker system. Completed installation of exhibit case work, glass, graphics, and artifacts. Completed installation of audiovisual equipment, audiovisual productions, and master control equipment. Completed programming for the briefing room video, audiovisual productions, and track lighting. Held a Consulting Party Meeting for purposes of touring the K-25 History Center and providing a status of remaining MOA stipulations. Held Grand Opening event to open the K-25 History Center to the public.
ORNL	January	February
Molten Salt Reactor Facility (MSRE)	Continued preparation for the upcoming pump-down of the reactive gas removal system (RGRS). Coordinating the pump-down activities with the design of the Continues Purge System (CPS) project that will replace the aging RGRS. The new CPS system will incorporate a safer design engineered to address the current issues of the gas generated by the salts. Several visitors from the United Kingdom toured MSRE to discuss OREM's interest in the development of In-Situ Disposal as a safe, cost-effective, and regulatory acceptable decommissioning strategy.	Initiated and completed the pump-down activities for the scheduled removal of gas generated from the MSRE salt tanks. These activities were necessary to reduce the hazards at the reactor site. The facility is being returned to standby mode. The FY 2019 PCCR for Secondary Low-Level Waste was approved by the regulators.
U-233 Disposition	Glovebox cleanup and the waste solidification process from Oak Ridge Oxide Processing (OROP) Canister 4 was completed and all containerized waste has been relocated to Building 3019 for storage. Four of the planned 46 OROP canisters have been processed.	Building 2026 upgrades, in support of the hot cell operations for processing material beyond the 46 OROP canisters, continues with the installation of ten new manipulator arms. Six of the planned 46 OROP canisters have been processed.
ORNL Excess Facilities	Building characterization efforts are more than 95 percent complete on the 3010 Complex.	Historic Preservation activities have begun at the Oak Ridge Graphite Reactor Facility 3001. A contract has been awarded for roof repairs. Cold and Dark field activities have begun at the Oak Ridge Research Reactor Facility 3042.
Y-12	January	February
Outfall 200 Mercury Treatment Facility	Headworks site excavation and soil nail shoring construction began in December and resumed in late January. Preparations are underway at the Treatment Plant site to begin rebar and concrete work at the sump in February.	The focus at the headworks site remains dealing with water in the excavation and completing shoring activities on the west wall to allow deeper excavations and additional shoring to proceed. Additional soil borings at the headworks are being planned to inform future shoring designs.

EM Project Update

Y-12	January	February
Y-12 Facilities D&D	Asbestos abatement and universal waste removal activities continue in Building 9207 and Building 9210 in the Biology Complex. Deactivation hazard abatement is 63 percent complete and deactivation waste disposal is 56 percent complete.	Asbestos abatement and universal waste removal activities continue in Building 9207 and Building 9210 in the Biology Complex. Deactivation hazard abatement is 68 percent complete and deactivation waste disposal is 72 percent complete.
	Began fieldwork for the first phase of characterization of the slabs and soils at EU-5. This effort supports the cleanup of the Biology Complex area for the future lithium facility.	The WHP for 9720-22 Warehouse Building was approved by the regulators.
	The WHP for 9720-22 Warehouse Building was submitted to the regulators for review/approval.	
Off-Site Cleanup/Waste Management	January	February
WRRP	Planning work to install three exit pathway monitoring wells continues. Mobilization of equipment to the site has begun.	Initiated engineering recommendations to review the FCAP inspection criteria with a subject matter expert.
	The Preliminary Engineering Assessment of the Filled Coal Ash Pond Report was provided to DOE for review.	Sampling was started for 14 offsite locations per the Remedial Site Evaluation Phase 2 Offsite Detection Monitoring Work Plan.
	The 2018 Groundwater Flow Model Development and Evaluations report was issued.	The last planning meeting with DOE, EPA and TDEC for Upper East Fork Poplar Creek and Chestnut Ridge was completed for the 2021 Five Year Review.

Travel Opportunities

Meeting/Event	Dates	Location	Cost	Additional Info
FY 2020				
2019 Fall Chairs Meeting Requests: Lohmann, Shields, Shoemaker	Oct. 28-30, 2019	Sun Valley, Idaho	NA	
EPA National Brownfields Conference Requests: Trujillo, Samaras	December 11-13, 2019	Los Angeles, CA	\$200	https://brownfields2019.org/
Waste Management Symposium Requests: Samaras	March 8-12, 2020	Phoenix	\$1,235	www.wmsym.org
2020 Spring Chairs Meeting <i>Board officers preferred</i> Requests: Lohmann, Shields	March 31-April 2, 2020	Las Vegas, NV	NA	
National Environmental Justice Conference & Training Requests:	April 22-25, 2020	Washington, D.C.	NA	http://thenejc.org
ORSSAB Annual Meeting <i>All members invited to attend</i>	August 22, 2020	Townsend, TN	NA	*Members may stay Friday night or drive up on Saturday to attend
RadWaste Summit Requests:	September 8-10, 2020		\$625	http://www.radwastesummit.com/
DOE National Cleanup Workshop Requests: Shields, Jones	September 16-18, 2020	Alexandria, VA	\$425	www.cleanupworkshop.com Request Deadline April 1
2020 Fall Chairs Meeting <i>Board officers preferred</i> Requests: Shields	TBD	Santa Fe, NM	NA	
EPA Community Involvement Training Requests:	TBD		none	www.epa.gov/superfund/community-involvement-training-program-0
Shaded trips are closed	<p>Due to the complexity of arranging government travel, please indicate your interest as soon as possible. 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.</p>			



FY 2020 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
132	1/24/2020	Japp, DOE	Richards, EPA	Erratum to Waste Handling Plan for Surveillance and Maintenance Activities, ORNL (DOE/OR/01-2565&D2)	DOEIC, Notified board officers of receipt
133	2/3/2020	Japp, DOE	Richards, EPA	Phased Construction Completion Report for FY19 for the Molten Salt Reactor Experiment, Remediation of Secondary Low-Level Waste at ORNL (DOE/OR/01-2848&D1)	DOEIC, Notified board officers of receipt
134	2/3/2020	Japp, DOE	Richards, EPA	Addendum to the Remedial Design Report/Remedial Action Work Plan for the D&D of the Isotope Row Facilities Materials Removal & Deactivation, [DOE/OR/01-2428&D2/A6], ORNL Oak Ridge, Tennessee, (DOE/OR/01-2565&D2)	DOEIC, Notified board officers of receipt
135	2/3/2020	Japp, DOE	Young, TDEC	TDEC Approval of Fiscal Year 2019 Phased Construction Completion Report PCCR for the Oak Ridge Reservation EMWMF (DOE/OR/01-2818&D2)	DOEIC, Notified board officers of receipt
136	2/3/2020	Japp, DOE	Young, TDEC	TDEC Approval of Errata to the ETPP Administrative Watershed Remedial Action Report Comprehensive Monitoring Plan (DOE/OR/01-2477&D3)	DOEIC, Notified board officers of receipt
137	2/5/2020	Felosi, DOE	Awasthi & Brahmbatt, TDEC	Site Treatment Plan- Notification of Sludge Processing Facility Milestone Completion	DOEIC, Notified board officers of receipt
138	2/5/2020	Jones, EPA; Young, TDEC	Henry & Japp, DOE	Transmittal of the Non-Significant Change to the Record of Decision for Phase II Remedial Actions for Contaminated Soils and Scrapyard in Upper East Fork Poplar Creek, Oak Ridge, Tennessee (DOE/OR/01-2229&D3)	DOEIC, Notified board officers of receipt



FY 2020 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
139	2/5/2020	Jones, EPA; Young, TDEC	Daffron & Japp, DOE	Transmittal of Addendum 3 (Exposure Units Z2-23 and -24 Confirmation Sampling) to the FY 2007 Phased Construction Completion Report for the Zone 2 Soils, Slabs, and Subsurface Structures at ETPP (DOE/OR/01-2723&D2/A3)	DOEIC, Notified board officers of receipt
140	2/10/2020	Japp, DOE	Jones, EPA	EPA Comments on the Remedial Design Report/Remedial Action Work Plan for the Zone 1 K-770 Area at ETPP (DOE/OR/01-2713&D1)	DOEIC, Notified board officers of receipt
141	2/10/2020	Jones, EPA; Young, TDEC	Daffron & Japp, DOE	Transmittal of an Erratum to the Waste Handling Plan -Part 2 for Low Risk-Low Complexity Facilities of the Remaining Facilities Demolition Project at ETPP (DOE/OR/01-2199&D2)	DOEIC, Notified board officers of receipt
142	2/10/2020	Japp, DOE	Jones, EPA	EPA's Comments on the Remedial Design Report/Remedial Action Work Plan for the Zone 1 K-770 Area at ETPP (DOE/OR/01-2713&D1)	DOEIC, Notified board officers of receipt
143	2/12/2020	Japp, DOE	Young, TDEC	TDEC Priorities for Available FY19 Plus-Up Funding in the OREM Budget	DOEIC, Notified board officers of receipt
144	2/12/2020	Japp, DOE	Young, TDEC	Appendix L Sampling and Analysis Plan for Exposure Unit Z2-35, ETPP (DOE-OR-01-2224&D5/A1/R4)	DOEIC, Notified board officers of receipt
145	2/13/2020	Japp, DOE	Froede, EPA	EPA's review of the errata pages dated December 10, 2019 submitted to revise the ETPP Administrative Watershed Remedial Action Report Comprehensive Monitoring Plan (DOE/OR/01-2477&D3)	DOEIC, Notified board officers of receipt



FY 2020 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
146	2/14/2020	Jones, EPA; Young, TDEC	Daffron & Japp, DOE	Transmittal of Addendum 5 to the Remedial Design Report/Remedial Action Work Plan for Zone 2 Soils, Slabs, and Subsurface Structures with Technical Memorandum for Exposure Unit Z2-25 East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2224&D5/A5)	DOEIC, Notified board officers of receipt
147	2/14/2020	Jones, EPA; Young, TDEC	Daffron & Japp, DOE	Transmittal of Work Plan for Groundwater and Surface Water Monitoring at the K-720 Fly Ash Pile, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2851&D1)	DOEIC, Notified board officers of receipt
148	2/4/2020	Japp, DOE	Urquhart-Foster, EPA	EPA's review of the Addendum 4 Exposure Unit Z2-44 Post Toxic Substances Control Act Incinerator Demolition to the Fiscal Year 2007 Phased Construction Completion Report for the Zone 2	DOEIC, Notified board officers of receipt
149	2/18/2020	Japp, DOE	Young, TDEC	TDEC Approval Letter - Waste Handling Plan for the Demolition of 9720-22, Warehouse Building Located at the Y-12 National Security Complex, Oak Ridge, TN (DOE/OR/01-2847&D1)	DOEIC, Notified board officers of receipt
150	2/19/2020	Japp, DOE	Young, TDEC	TDEC Comments re:Addendum to the Remedial Design Report-Remedial Action Work Plan to Determine the Location of the Water Table for Zone 2 Soils, Slabs, and Subsurface Structures, ETPP (DOE/OR/01-2224&D5/A3)	DOEIC, Notified board officers of receipt
151	2/20/2020	Japp, DOE	Young, TDEC	TDEC Comments re:Addendum 2 to the Remedial Design Report-Remedial Action Work Plan for Zone 2 Soils, Slabs, and Subsurface Structures for the K-1203 Area of Exposure Unit Z2-12 with Technical Memorandum at ETPP (DOE/OR/01-2224&D5/A2/R1)	DOEIC, Notified board officers of receipt



FY 2020 Incoming Correspondence

#	Date	To	From	Description	DOEIC, Notified board officers of receipt
152	2/21/2020	Jones, EPA; Young, TDEC	Daffron & Japp, DOE	Transmittal of Addendum 7 to the Remedial Design Report/Remedial Action Work Plan for Zone 2 Soils, Slabs, and Subsurface Structures with Technical Memorandum for Exposure Unit Z2-35 East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2224&D5/A7)	DOEIC, Notified board officers of receipt
153	2/24/2020	Japp, DOE	Jones, EPA	EPA Comments on Addendum for the Balance of Ecological Remedial Actions to the RAWP for Dynamic Verification Strategy for Z1 ETPP (DOE/OR/01-2182&D4/A3)	DOEIC, Notified board officers of receipt
154	2/24/2020	Japp, DOE	Jones, EPA	EPA Comments on the Remedial Design Report/Remedial Action Work Plan for the Zone 1 K-770 Area at ETPP (DOE/OR/01-2713&D1)	DOEIC, Notified board officers of receipt
155	2/25/2020	Jones, EPA; Young, TDEC	Daffron & Japp, DOE	Transmittal of Technical Memorandum for the Zone 1 Powerhouse Area Electrical Vaults at the East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2850&D1)	DOEIC, Notified board officers of receipt
156	2/26/2020	Jones, EPA Young, TDEC	Daffron & Japp, DOE	Transmittal of Addendum 8 to the Remedial Design Report/Remedial Action Work Plan for Zone 2 Soils, Slabs, and Subsurface Structures for Exposure Unit Z2-26 with Technical Memorandum at ETPP (DOE/OR/01-2224&D5/A7)	DOEIC, Notified board officers of receipt
157	2/26/2020	Jones, EPA Young, TDEC	Daffron & Japp, DOE	Transmittal of Phased Construction Completion Report for Exposure Unit Z2-29 in Zone 2 ETPP (DOE/OR/01-2747&D2/R1)	DOEIC, Notified board officers of receipt

