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PRESENTATION MATERIALS – Land Use Manager Process *(to be distributed at the meeting)*

CALENDARS

1. October
2. November *(draft)*

BOARD MINUTES/RECOMMENDATIONS & MOTIONS

1. September 12, 2012, Draft Meeting Minutes
2. Draft Recommendation: Recommendation on Availability of DOE Environmental Management Documents

REPORTS & MEMOS

1. Recommendation Tracking Chart
2. EM Project Update August/September & Abbreviation/Acronym List
3. Trip Report: Corkie Staley, RadWaste Summit
4. Travel Opportunities Table



**Oak Ridge Site Specific Advisory Board
Wednesday, October 10, 2012, 6:00 p.m.
DOE Information Center
1 Science.gov Way, Oak Ridge, Tenn.**

AGENDA

- I. Welcome and Announcements (D. Martin)6:00–6:05
 - A. Next Meeting: Wednesday, November 14, 6:00 p.m., DOE Information Center
Presentation Topic: Accumulated Waste & Material Disposition Activity
- II. Comments from the Deputy Designated Federal Officer, and the DOE, EPA, and TDEC
Liaisons (S. Cange, D. Adler, C. Jones, J. Owsley)6:05–6:20
- III. Public Comment Period (S. Yahr).....6:20–6:30
- IV. Presentation: Land Use Manager Process (Jason Darby).....6:30–7:05
 - Question and Answer Period7:05–7:20
- BREAK7:20–7:30
- V. Additions/Approval of Agenda7:30
- VI. Motions.....7:30–7:35
 - A. September 12, 2012, Meeting Minutes (C. Jensen)
 - B. Second Consecutive Absence—Scott McKinney (C. Jensen)
 - C. Recommendation on Availability of DOE Environmental Management Documents (S. Gawarecki)
- VII. Responses to Recommendations & Comments (D. Adler)7:35–7:40
- VIII. Committee Reports7:40–7:50
 - A. Board Finance & Process (G. Paulus)
 - B. Environmental Management (B. Hatcher)
 - C. Public Outreach (S. McKinney)
 - D. Stewardship (C. Staley)
 - E. Executive (D. Martin)
- IX. Federal Coordinator’s Report (M. Noe)7:50–7:55
- X. Additions to Agenda7:55–8:00
- XI. Adjourn8:00



Oak Ridge Site Specific Advisory Board

October 2012

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
		EM SSAB Chairs' Meeting Washington DC				
7	8 Columbus Day DOE/Staff Holiday	9	10 Monthly SSAB Meeting 6 p.m.	11	12	13
14	15	16 Stewardship Committee 5:30 p.m.	17 Environmental Management Committee 5:30 p.m.	18	19	20
21	22	23 Public Outreach Committee 5:30 p.m.	24	25 Board Finance & Process Committee 5 p.m. Executive Committee 5:30 p.m.	26	27
28	29	30	31			

All Meetings will be held at the Office of Science and Technical Information, 1Science.gov Way, Oak Ridge unless noted otherwise.

ORSSAB Support Office: (865) 241-4583 or 241-4584 DOE Information Center: (865) 241-4780

Board member travel – D. Hemelright and D. Martin, G. Paulus; EM SSAB Chairs meeting, Oct. 2-3, Washington, DC

Board meetings on cable TV and YouTube	
Knoxville: Charter Channel 6, Comcast Channel 12	Thursday, October 18 and 25, 10 p.m.
Lenoir City: Charter Cable Channel 3	Wednesdays, 4 p.m.
Oak Ridge: Channel 12	Thursday, October 18, 9 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

November 2012

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5	6	7	8	9	10
11	12 Veterans Day Holiday observed DOE/Staff holiday	13	14 Monthly SSAB Meeting 6 p.m.	15	16	17
18	19	20 Stewardship Committee 5:30 p.m.	21	22 Thanksgiving DOE/staff holiday	23	24
25	26	27 Public Outreach Committee 5:30 p.m.	28	29 Board Finance & Process Committee 5 p.m. Executive Committee 5:30 p.m.	30	

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ORSSAB Support Office: (865) 241-4583 or 241-4584 **DOE Information Center:** (865) 241-4780
Environmental Management meeting to be determined.

Board meetings on cable TV and YouTube	
Knoxville: Charter Channel 6, Comcast Channel 12	Thursday, November 22 and 29, 10 p.m.
Lenoir City: Charter Cable Channel 3	Wednesdays, 4 p.m.
Oak Ridge: Channel 12	Thursday, November 22, 9 p.m.
Oak Ridge: Channel 15	Monday, Wednesday, Friday, 8 a.m. & noon
YouTube	http://www.youtube.com/user/ORSSAB

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Many Voices Working for the Community



Oak Ridge Site Specific Advisory Board

Unapproved September 12, 2012 Meeting Minutes

The Oak Ridge Site Specific Advisory Board (ORSSAB) held its monthly meeting on Wednesday, September 12, 2012, at the DOE Information Center, 1 Science.gov Way, Oak Ridge, Tenn., beginning at 6 p.m. A video of the meeting was made and may be viewed by contacting the ORSSAB support offices at (865) 241-4583 or 241-4584. The presentation portion of the video is available on the board's YouTube site at www.youtube.com/user/ORSSAB/videos.

Members Present

Jimmy Bell
Alfreda Cook
Lisa Hagy
Bob Hatcher
David Hemelright
Bruce Hicks

Charles Jensen, Secretary
Ross Landenberger¹
David Martin
Fay Martin
Donald Mei
Maggie Owen, Chair

Greg Paulus
Coralie Staley
Robert Stansfield
Thomas Valunas

Members Absent

Janet Hart
Howard Holmes
Jennifer Kasten
Jan Lyons
Scott McKinney²
Scott Stout
Sam Yahr^{1,2}

¹Student Representative

²Second consecutive absence

DDFO, Liaisons, and Federal Coordinator Present

Susan Cange, Deputy Manager for DOE-ORO Environmental Management (EM) and Deputy Designated Federal Officer (DDFO)
Connie Jones, Environmental Protection Agency (EPA)
Melyssa Noe, ORSSAB Federal Coordinator, DOE-ORO
John Owsley, Tennessee Department of Environment and Conservation (TDEC)

Others Present

Andy Binford, TDEC
Susan Gawarecki
Spencer Gross, ORSSAB Support Office
Steve Kenworthy, Citizen's Oversight Panel
Harry McNabb
Norman Mulvenon, Citizen's Oversight Panel

Pete Osborne, ORSSAB Support Office
Ken Schneider, UT-Battelle
Laura Wilkerson, DOE

Nine members of the public were present.

Liaison Comments

Ms. Cange – Ms. Cange said DOE Oak Ridge was spending many hours working on the FY 2013 budget. Congress has not yet approved a budget for FY 2013 and has announced there will be a six-month continuing resolution. While the department knows how much money it will have to operate over the next six months, Ms. Cange said the amount is less than the appropriated amount for FY 2012. She said that will result in some impacts on work underway. There will likely be some layoffs of employees because funding is not available to continue current employment levels. Mr. Paulus ask about a percentage of employee cutbacks. Ms. Cange said it could be as much as 10 percent because of automatic budget cutbacks that could be triggered if Congress doesn't agree on a budget. The cutbacks would affect contractor and sub-contractor workers.

Ms. Jones – no comments.

Mr. Owsley – Mr. Owsley introduced Mr. Binford, director of the TDEC Bureau of Environment and Remediation.

Public Comment

Mr. Mulvenon said he had reviewed the summary of the ORSSAB annual meeting and expected to have some comments on the meeting at a future date. He encouraged the board members to listen carefully to Ms. Wilkerson's presentation on the cleanup plans for the Oak Ridge Reservation (ORR).

Ms. Gawarecki said she had heard that UCOR, DOE's prime cleanup contractor in Oak Ridge, plans to lay off up to 200 people. She said DOE is one of the largest employers (through contractors and subcontractors) in East Tennessee. She said research done by the University of Tennessee indicated that whenever a job is created 3.2 other jobs are created as a result. Consequently, layoffs will affect a similar number of jobs. She encouraged the board members to talk to community leaders who, she said, help influence federal officials to keep budgets in place.

Presentation

Ms. Wilkerson's presentation was on cleanup plans for Oak Ridge National Lab (ORNL). The main points of her presentation are in Attachment 1.

Ms. Wilkerson introduced Bill McMillan and reported that he had just been named as the portfolio director for ORNL cleanup that will include the Uranium-233 Project and balance of ORNL cleanup with a few exceptions for which she will remain responsible. She also introduced Ken Schneider and Bill Biloski with UT-Battelle, the management contractor for ORNL.

ORNL supports vital science and energy research for the United States. Many new facilities have been constructed at the lab over the previous 10-15 years as part of ongoing modernization at the lab. Most of the new facilities have been built to the east of the older central campus. On the west end of the lab new facilities have been constructed for bioenergy research.

The central campus of the lab is the primary area of focus for cleanup. It includes shutdown research reactors, isotope production facilities, and waste treatment facilities.

The cleanup of ORNL will be complex and lasting over a number of years (Attachment 1, page 5). Ms. Wilkerson said the primary challenge will be completing the cleanup safely in the midst of ongoing activities at the lab. Much of the cleanup will involve various radioisotopes that will be difficult to deal with.

Ms. Wilkerson noted the priorities for cleanup at the lab (Attachment 1, page 6). Within those priorities several accomplishments have been achieved. One of the most significant was the removal and disposition of Tank W-1A and surrounding contaminated soil near Building 3019. The tank and the surrounding soil was a significant source of groundwater contamination in the central campus (Attachment 1, page 7).

Another accomplishment was hydraulic isolation of the Solid Waste Storage Areas 1 and 3, about 21 acres, at the Bethel Valley Burial Grounds in the southwest portion of the lab (Attachment 1, page 8).

Forty-three excess facilities were demolished within the central campus. Legacy materials were removed and disposed from about 35,000 square feet of space (Attachment 1, page 9).

In the northwest corner of the lab, contaminated soils and slabs were remediated (Attachment 1, page 10). This area is now available for re-use for private sector companies and lab use.

All of these projects were completed using Recovery Act funds that became available in 2009. One project that was not funded with Recovery Act money was the Corehole 8 Extraction System to improve system to capture and treat the Corehole 8 plume caused by leakage from Tank W-1A (Attachment 1, page 11).

Another accomplishment was the installation of a line of monitoring wells on the west side of the Clinch River to detect any possible migration of contaminants from the Melton Valley Burial Grounds on the east side of the river. About a year's worth of monitoring results has been collected. The most recent data do not indicate presence of radionuclides in groundwater on the west side of the river. There were some slight indications of radionuclides, well below drinking water standards, in early monitoring results, but that has not been repeated since. Mr. Bell asked how many times in how many wells the early indications were noted. Ms. Wilkerson said there were 'a couple of hits in a couple of wells.' Ms. Cange said one of the theories is that private wells on the west side of the river might have pulled contaminants under the river to the west side.

Ms. Wilkerson said as a result of some cost savings in projects, additional work has been implemented at the lab. Those projects are noted on page 13 of Attachment 1. As of April demolition and removal of four of the six cells at the Building 3026 site has been completed (Attachment 1, page 14). The two remaining cells are being cleaned of radiological contamination prior to demolition and removal. That work is expected to be complete in early 2013.

Six radioisotope thermoelectric generators are being dispositioned that were stored in the central campus. Additional characterization has begun for legacy material removal from nine isotope facilities (Attachment 1, page 15).

Ms. Wilkerson said additional work is being done to disconnect one leg of the buildings that are connected to the 3039 Central Stack (Attachment 1, page 16). She said these are primarily laboratory and administrative buildings.

Recently an investigation was completed on about 18,000 acres on the ORR that are believed not to have been impacted by surface contamination and thus should not be part of the National Priorities List (Attachment 1, page 17). Documentation to that effect is being finalized and will be submitted to the regulators by the end of September.

Ms. Wilkerson discussed near-term priorities for ORNL (Attachment 1, page 18). Longer term plans are noted on page 19 of Attachment 1. Ms. Wilkerson completed her presentation with a before and after artist's rendition of what the ORNL campus will look like when cleanup is completed (Attachment 1, page 20).

After her presentation a number of questions were asked. Following are abridged questions and answers.

Mr. Hemelright – DOE had established a timeline for completion of cleanup, but with the additional Recovery Act funding from 2009, how much did that shorten the timeline? Ms. Wilkerson – That's a complicated question to answer. The original baseline we established did not include all of the buildings and all of the areas that have now come into the EM program as a result of modernization efforts at ORNL and Y-12 National Security Complex. The timeline is now driven mainly by budget assumptions that we expect to remain constant and extends into the 2040s. Recovery Act money allowed us to make significant progress within the scope of the EM program that includes much more than what we started with.

Mr. Hatcher – Is the rate of new building at the lab paralleling or exceeding the rate of the cleanup process? Ms. Wilkerson – The modernization efforts have left a backlog of facilities that are ready to come into the EM program, but because we don't have the funding to accept those facilities we have to defer that work, and the landlord has to keep those facilities in a safe condition until we're able to take them. Mr. Hatcher – How does that affect modernization of the lab? Ms. Wilkerson – As you saw you have a campus that is being developed on either end of the central campus and the middle is awaiting remediation and decontamination. Mr. Hatcher – So the central campus is slowing down the rate of modernization of the entire lab? Ms. Wilkerson – I wouldn't say it is slowing it down, because the lab has chosen to expand to the east and west. I think what they plan for the central campus once we complete the work there is to provide for green areas and parking areas, things like that. So it's not slowing it down, but it's not complementing it until we complete the cleanup.

Mr. Bell – With respect to the (3039) stack that has underground tunnels and filter systems that are contaminated, is it the long-range intent to eliminate that stack? Ms. Wilkerson – Yes, the stack mainly supports buildings that are excess in the central campus area. Once those buildings are demolished the stack will no longer be needed. There will be a handful buildings with ongoing missions on the laboratory side that will have to have some sort of dedicated stack system to supply ventilation for those facilities. Mr. Bell – The underground tunnels, will they be cleaned up or filled in? Ms. Wilkerson – We would have to work with the regulators in how we address the remediation of those areas. We haven't gotten that far into those details yet. Mr. Bell – So the long-range purpose is to convert ORNL to a minimum low activity level operation? Ms. Wilkerson – There are still high level activities at the lab that are mainly in Melton Valley area. I don't think they're going

to a low-rad or no-rad approach. Mr. Schneider – The hot cell facilities that we currently have in operation in the central campus area, primarily Buildings 3025, 3025E, the long-range plan is to get them on standalone ventilation systems so we can get those facilities off the central stack. Work is going on now for 4501 and 4505 to get them on standalone stacks.

Mr. Bell – The line from 3019 to Tank W-1A, is anything being done to circumvent any releases from that area? Ms. Wilkerson – That line has been capped and there are no ongoing releases from the building. The line is still there but it is no longer transporting anything from the building.

Mr. Bell – I think what you mentioned about contaminant transfer across the Clinch River is very important. Why that first transfer was recognized is a big question. I had heard that one sample was taken from a well and was analyzed and that caused DOE to put in new water lines and shut off private well usage at tremendous cost. Is it true that there was only one set of analysis to start that? How many samples were taken to decide there was an actual transfer? Mr. Owsley – In 2007 DOE released a monitoring report for their picket wells on the east side of the river that showed contamination at depths. The state went across the river and sampled a number of private wells a number of times from 2007 to 2010. DOE agreed to install their own monitoring wells and also convert some of the drinking water wells to monitoring wells. During that period the state and DOE have found basically the same things – sporadic, low levels of contaminants. The reason for providing water was to take the groundwater wells offline so they weren't pulling groundwater and to allow the groundwater to stabilize so the monitoring could be undertaken under static conditions. Ms. Cange – As Ms. Wilkerson said the latest round of sampling did not replicate any of the previous sporadic hits. Mr. Bell – How does that correlate with rainfall? Mr. Owsley – The geology of the site is very complex and it is expected that conditions in the wells will change as the water table moves up and down. Trying to determine if the contamination is there and is presenting a problem is what DOE, TDEC, and EPA are trying to work out. Ms. Cange – One of the things we have agreed to among the three agencies is to develop a groundwater strategy for this entire area. That strategy is to be complete about a year from now. We're bringing in several hydrologists who have been working on this for many years. They are helping us pull together this comprehensive strategy and plan.

Mr. Kenworthy – Given the current budget projections, outside of the uranium-233 and transuranic waste processing, when will work at ORNL central campus begin again? Ms. Wilkerson – In 2018 to early 2020s. Ms. Cange – That's based on if our funding remains level with what it is today.

Mr. McNabb – Who is the contractor on this program? Ms. Wilkerson – UCOR has the contract, which includes surveillance and maintenance and operation of the gaseous and liquid waste treatment facilities. It does not include decontamination and decommissioning activities at the lab. The work we've done through the Recovery Act is work that has been done primarily through the EM nationwide indefinite delivery, indefinite quantity contracting that includes a lot of contractors. We have used SEC, LATA-Sharp, UT-Battelle through some subcontractors, and Bechtel-Jacobs. As far as having a contractor in place to do remedial work at the lab it is not included in the UCOR contract because that work is not contemplated for the near term. Mr. McNabb – Who provides health physics services? Ms. Wilkerson – Currently that is UCOR. Ms. Cange – We should also mention that we have other contractors such as Isotek, which is performing the uranium-233 disposition and Wastren Advantage, Inc., which is performing the transuranic waste processing. We have a large number of contractors that have a role in certain activities at the lab.

Committee Reports

Board Finance & Process – Mr. Paulus reported that the board will end with a surplus at the end of FY 2012 that will carry over to FY 2013.

The committee reviewed section 7 of the ORSSAB bylaws and made no changes.

At the October meeting, the committee will review the reporting spreadsheet with the possibility of expanding it to be clearer in how monies are accounted.

Mr. Paulus reminded committee chairs to consider committee budget requests for FY 2015 at their next meetings.

The committee will meet on Thursday, September 27 at 4:30 p.m. at the DOE Information Center.

EM – Mr. Hatcher reported that Dan Goode, U.S. Geological Survey, was a guest of the committee at its meeting on August 15. Mr. Goode was in Oak Ridge on a preliminary visit as a candidate to study groundwater flow through fractured rock on the ORR. He went on two tours both on and off the reservation on August 15 and 16 to get a better understanding of the geologic characteristics of the ORR. He said the discussion did not focus on groundwater modeling, but more on addressing the problems of groundwater pathways and fractured rock hydrology for the reservation that is not understood very well. He said this fits in well with an outline that Dave Adler gave at the committee meeting with the emphasis of four areas on the reservation that will be addressed by DOE in the future. He said Dr. Goode has the potential for bringing new ideas on examining the problem that would be beneficial to DOE in groundwater remediation efforts.

The committee approved a draft recommendation on improving the document search capabilities at the DOE Information Center. That recommendation was to be voted on at this meeting, but a quorum for voting on recommendations did not exist. It will be put on the October agenda for consideration.

The committee will meet on September 19 at 5:30 p.m. at the DOE Information Center and will continue the discussion on groundwater flow research. The committee will also develop its work plan for FY 2013, develop a budget request for FY 2015, and elect committee officers for FY 2013.

Public Outreach – Mr. Hemelright reported that the next commentary from the committee for distribution to local papers is on the effectiveness of Recovery Act funding of projects in Oak Ridge.

Committee member Mr. Holmes suggested inviting political and community leaders of the area to board meetings to see any potential for interacting with the board.

The committee reviewed and approved the editorial plan for the next Advocate newsletter. Mr. Hemelright said he will take copies of the summer and fall newsletters to the fall EM SSAB chairs' meeting in Washington, DC, October 2-3.

Mr. Hemelright said committee member Mr. McKinney is still working with WBIR television on doing a feature on the board.

The committee reviewed some renditions for possible modifications to the ORSSAB exhibit at the American Museum of Science and Energy.

The committee will meet Tuesday, September 25 at 5:30 p.m. at the DOE Information Center. It will discuss its budget request for FY 2015 and elect officers for FY 2013.

Stewardship – Mr. Hemelright reported that the committee reviewed the latest version of the Long-term Stewardship Site Transition Summary. It decided not to make any comments on the summary until it had an opportunity to review a 13-step guidance document that is being developed to go with the transition summary.

It was suggested a conference call with stewardship contacts in Washington, DC be set up for the October meeting to discuss in more detail the site transition summary and the guidance document.

The committee suggested a test transfer of a small parcel on the ORR from DOE EM to its original landlord to see how useful the site transition summary is.

The committee will meet September 18 at 5:30 p.m. at the DOE Information Center. It will develop its FY 2013 work plan, its FY 2015 budget request, and elect officers for FY 2013.

Executive – Ms. Owen reported the committee met on August 23 and discussed the annual planning meeting, which she said went very well. She said it was well planned, goals were accomplished, and it was a productive meeting. She encouraged members to read the summary of the planning meeting that was included in this month's meeting packet.

The committee reviewed the annual meeting evaluations and discussed how some things could be improved or modified for the next meeting.

The committee reviewed travel procedures and travel requests for upcoming meetings.

The committee selected topics for presentation at the EM SSAB chairs' meeting in October. For a major board issue the committee selected the problem of understanding groundwater flow in fractured rock on the reservation. For its major board activity, the board selected a related item of working with a possible researcher to study groundwater flow on the reservation.

The committee will meet on September 27 at 5:30 p.m. at the DOE Information Center.

Announcements and Other Board Business

ORSSAB will have its next meeting on Wednesday, October 10 at 6 p.m. at the DOE Information Center.

Ms. Cange introduced Mr. Landenberger as the new student representative to the board.

Ms. Cange recognized Ms. Owen for her service to the board.

The minutes of the July 11, 2012, meeting were approved.

Messrs. Martin, Hemelright, and Jensen were elected as board chair, vice-chair, and secretary respectively for FY 2013.

Federal Coordinator Report

No report.

Additions to the Agenda

None.

Motions**9/12/12.1**

Mr. Jensen moved to approve the minutes of the July 11, 2012, meeting. Mr. Hatcher seconded and the motion passed **unanimously**.

9/12/12.2

At the August annual meeting the Nominating Committee presented a slate of candidates for board officers consisted of Mr. Martin for board chair, Mr. Hemelright vice chair, and Mr. Jensen secretary. At this meeting Mr. Paulus asked for any other nominations from the floor. Being none he moved to elect the slate of candidates for board officers. Mr. Valunas seconded and the motion passed **unanimously**.

The meeting adjourned at 7:20 p.m.

Action Items

Open

Closed

1. Jack Hanley, Agency for Toxic Substances and Disease Registry will supply the name of the document he mentioned that details the differences between the agency's public health assessment processes versus an EPA environmental risk assessment. **Completed.** Mr. Hanley supplied the document on July 23 (Attachment 2) and was forwarded to board members on that date.

Attachments (2) to these minutes are available on request from the ORSSAB support office.

I certify that these minutes are an accurate account of the September 12, 2012, meeting of the Oak Ridge Site Specific Advisory Board.

Chuck Jensen, Secretary

Maggie Owen, Chair
Oak Ridge Site Specific Advisory Board
MO/rsg

DATE



Oak Ridge Site Specific Advisory Board Recommendation: Recommendation on Availability of DOE Environmental Management Documents

Background

The U.S. Department of Energy (DOE) has a robust public participation program related to Environmental Management (EM) decisions and actions on the Oak Ridge Reservation. Because the EM cleanup program is conducted under CERCLA (Comprehensive Environmental Response, Compensation and Liability Act) and is subject to the terms of the Federal Facilities Agreement, Administrative Record documents are housed at the DOE Information Center (IC) and made available to the public. Recently, in order to conserve resources, DOE has made some of the documents available only as digital files, either online or on CDs.

Discussion

The availability of the documents online is a significant resource for stakeholders who wish to refer to documents within the Administrative Record for a cleanup project. However, finding these documents online can be challenging due to the poorly structured search function, found at <http://www.oakridge.doe.gov/external/DOEIC/tabid/304/Default.aspx> and the lack of an actual Online Catalog to view.

The basic search often yields many pages of documents that are not relevant to the search. The advanced search function is only usable if one already knows details of the document, which is often not the case. The “search tips” link does not work at all, so it is impossible to know what types of key words to use, where to place them if using the advanced search function, and how to optimize the search.

In addition, DOE often publishes an announcement of document availability before it is placed in the DOE IC. When the document is then requested by a stakeholder, the staff is unable to find it.

Recommendations

1. The Oak Ridge Site Specific Advisory Board recommends that DOE take the following actions to improve the ability of the general public and other stakeholders to find documents online:
 - (a) Provide an Online Catalog consisting of an expandable hierarchical matrix of Administrative Records with links to all documents within each one.
 - (b) Use a search function comparable to commonly available Internet search engines, including similar advanced features such as the ability to eliminate specific types of documents, for example, correspondence.
 - i. Provide detailed instructions on how to use basic and advanced functions at the “search tips” link, including common key words and searchable acronyms.
 - ii. Ensure that documents are searchable by key words that are applied consistently to all documents throughout a given Administrative Record, for example all documents referring only to the CERCLA Waste Disposal Cell should also be findable if the term EMWMF (Environmental Management Waste Management Facility) is used, and the reverse.

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- iii. Ensure that an overarching Record of Decision which applies to several sites can be found by searching on the name of any one of those sites.
2. Ensure that documents are available at the DOE IC and/or online no later than the date when their availability is publicly announced.

Recommendation Response Tracking Chart

	Date	To	Recommendation	Originating Committee	Response Date	Response Status	Committee Review of Response
1.	10/10/11	John Eschenberg, DOE-ORO	207: Recommendation to Automate the Stewardship Verification System Process for the Remediation Effectiveness Report	Stewardship	1/11/12	Complete -A subcontract has been let with MIJARA Corp. to develop a web-based application to track land use control information on the Oak Ridge Reservation.	Complete
2.	1/11/12	Susan Cange, DOE-ORO	208: for DOE to Use White Paper on Environmental Management's Challenges on the Oak Ridge Reservation	EM	3/7/12	Complete - DOE suggests incorporating the white paper into public information tools developed by ORSSAB, such as the board's website.	Complete
3.	4/11/12	Susan Cange, DOE-ORO	209: Recommendations on Fiscal Year 2014 DOE Oak Ridge Environmental Management Budget Request	EM Budget & Prioritization	5/18/12	Complete - Recommendation was included with DOE ORO's budget request to Headquarters	Complete

EM Project Update

ETTP	August	September
Zone 1 Final ROD	Regulator comments on the D1 RI/FS were received. Regulators approved request to modify the Zone 1 ROD and follow-on remediation projects FFA milestones.	Held meeting with regulators for initial discussion on comments and initiated preparation of D2 RI/FS.
Zone 2 ROD	Completed remediation of the 607 sump in Exposure Unit Z2-40 and backfilled it. Remediation of the 603B sump is underway.	The PCCR for K-1070-B Burial Ground (EU 30) was submitted to the regulators for review/approval.
K-25/K-27 D&D	Demolition continued on the K-25 East Wing (non-technetium 99 area) with 17.5 building units demolished out of a total of 18. Preparations for the sodium fluoride trap removals continue with vent/purge of the traps completed and asbestos abatement completed.	Demolition was completed on the K-25 East Wing (non-technetium 99 area) with 18 building units demolished.
	The K-25 North End Vault IX cleanout was completed	The vault cleanout activities were completed and authorization was received for removal of protective force locks and tamper-indicating devices controlling access into K-27 Vaults 31A and 32A. This enabled admittance of uncleared workers, reducing project costs.
	The K-27 facility implemented the necessary and required safety documentation to support the duct-cutting operations and intrusive sampling. Both the duct-cutting operations and the intrusive sampling were successfully initiated.	The PCCR for K-25 detailing the demolition and disposal of 6 of 27 units was submitted to the regulators for review/approval.
Groundwater Treatability Study	Interim closure field work, including grouting of selected monitoring wells was completed. Archiving of groundwater model was initiated.	All project activities and technical memorandum documenting activities were completed.
ORNL	August	September
BV Non-Reactor Facilities D&D	Waste transport and disposal began on the 3038 facility.	The PCCR for the NW Quad Slabs & Soils was submitted to the regulators for review/approval.
	Began operations on the 3026 Hot Cell Project. The outer most shield plug was removed and another seven shield plugs were also removed.	All the shield plugs were removed on the 3026 Hot Cell Project. The smoke test and the airflow test were also conducted.
	The WHP for the NW Quad/NE Laydown was approved by the regulators.	The PCCR for Isotope Row LMR - 3030 & 3031 was approved by the regulators
		The shipment of the first Radioisotope Thermolectric Generator to Nevada Nuclear Security Site was completed.
BV Tank W-1A	The RmAR for Corehole 8 was approved by the regulators.	
ORNL Surveillance & Maintenance	The WHP for Surveillance & Maintenance activities was submitted to the regulators for their review and approval.	

EM Project Update

Y-12	August	September
UEFPC Soils Remediation	The PCCR for Salvage Yard Soils was submitted to the regulators for review/approval.	
UEFPC Soils 81-10 Area		The Remedial Design Report was submitted to the regulators for review/approval.
UEFPC West End Mercury Area	The time-critical AM for Mercury Removal from the Storm Sewer System was submitted to the regulators for their approval.	
	The PCCR for the Storm Sewer was approved by the regulators.	
Y-12 D&D S&M	The LMD Final Phase WHP for the Beta 4 Building was approved by the regulators.	
	The WHP for the 9201-5 Ancillary Facilities was approved by the regulators.	
Off-Site Cleanup/Waste Management	August	September
TRU Waste Processing Center	Began operations of the Remote Drum opener which will allow several layered over-packed drums to be vented.	
	The FY 2011 CERCLA Five-Year Review was approved by the regulators.	
TSCA		Triple rinsing of the transfer line from the incinerator to the Central Neutralization Facility (CNF) was completed, ending routine discharge of wastewater to the CNF from outside sources.
ORR Integrated Footprint Reduction		The Environmental Baseline Survey for ORNL and Y-12 was submitted to the regulators for review. This document identifies the parcels determined to require no further investigation. The area of the ORR that remains to be addressed is projected to be reduced from over 50 sq. miles to approximately 20 sq. miles
EM Waste Facility		The RI/FS was submitted to the regulators for review/approval.
WRRP	The FY 2011 CERCLA Five-Year Review was approved by the regulators.	
	Responses to EPA and TDEC comments on the FY 2012 Remediation Effectiveness Report were prepared.	
EMWMF	Safeguard and security changes were completed in accordance with the recently revised Security Plan. Work continued on the installation of the corridor fencing inside the limited access area, with completion expected in early September.	

Abbreviations/Acronyms List for Environmental Management Project Update

AM – action memorandum

ARRA – American Recovery and Reinvestment Act

BCV – Bear Creek Valley

BG – burial grounds

BV- Bethel Valley

CARAR – Capacity Assurance Remedial Action Report

CBFO – Carlsbad Field Office

CERCLA – Comprehensive Environmental Response, Compensation
and Liability Act

CD – critical decision

CH – contact handled

CS – construction start

CY – calendar year

D&D – decontamination and decommissioning

DOE – Department of Energy

DSA – documented safety analysis

DQO – data quality objective

EE/CA – engineering evaluation/cost analysis

EM – environmental management

EMWMF – Environmental Management Waste Management Facility

EPA – Environmental Protection Agency

ETTP – East Tennessee Technology Park

EU – exposure unit

EV – earned value

FFA – Federal Facility Agreement

FPD – federal project director

FY – fiscal year

GIS – geographical information system

GW – groundwater

GWTS – groundwater treatability study

IROD – Interim Record of Decision

LLW – low-level waste

MLLW – mixed low-level waste

MSRE – Molten Salt Reactor Experiment

MV – Melton Valley

NEPA – National Environmental Policy Act

NPL – National Priorities List

NNSS – Nevada National Security Site (new name of Nevada Test Site)

NTS – Nevada Test Site

ORNL – Oak Ridge National Laboratory

ORO – Oak Ridge Office

ORR – Oak Ridge Reservation

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

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

RER – Remediation Effectiveness Report

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

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 waste

TSCA – Toxic Substances Control Act

TWPC – Transuranic Waste Processing Center

U – uranium

UEFPC – Upper East Fork Poplar Creek

VOC – volatile organic compound

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



Oak Ridge Site Specific Advisory Board

TRIP REPORT

I. Name of Traveler: Coralie "Corkie" Staley

II. Date(s) of Travel: September 3-7, 2012

III. Location of Meeting: J.W. Marriott, Summerlin
Las Vegas, Nevada

IV. Name of Meeting: RadWaste Summit

V. Purpose of Travel:

The purpose for my travel was to attend the RadWaste Summit and to become better educated about the management of contaminated waste at various sites. More importantly, I wanted to become more knowledgeable about current technologies, methods and techniques for treatment and/or disposal of contaminated waste and the acceptance of high level waste from Oak Ridge, at other sites.

VI. Discussion of Meeting:

The RadWaste Summit began with dinner on Tuesday, September 4. On Wednesday and Thursday, the meeting began at 7 a.m. with breakfast and presentations and open discussions continued throughout the day until 6 p.m. On Friday, the meeting began at 7 a.m., and adjourned at noon.

Presenters educated participants about many aspects of waste management, including storage and treatment facilities, de-contamination and decommissioning, classification of waste, and regulations pertaining to waste management.

VII. Significance to ORSSAB:

As a member of the ORSSAB, and more specifically, the Stewardship Committee, I found this meeting to be significant to my understanding current activities related to long-term stewardship at U.S. DOE sites. Attending the meeting increased my awareness of the importance of successfully treating, storing and, generally, managing and safely disposing of waste now to ensure continued minimization of risk in the future.

VIII. Names & Telephone Numbers of Significant Contacts:

Christine Gelles: Associate Deputy Assistant Secretary, Waste Management, DOE,
phone: 301-903-1669

Stephen O'Connor: Director, DOE, phone: 301-903-7854

IX. Action Items:
None

X. Traveler's Signature & Date:

Signature: Coralie "Corkie" Staley

Date: September 25, 2012

FY 2013 Travel Opportunities

Meeting/Event	Dates	Location	Reg. Cost	Website	Deadline to Submit Travel Requests
Fall Chairs Meeting (Attendees: Hemelright, Martin, Paulus)	Oct. 2-3, 2012	Washington, D.C.	none	http://emssabchairsmeetingoctober2012.eventbrite.com/	Aug. 23, 2012
Perma-Fix Mixed Waste Treatment Forum (Attendees: Hemelright, Holmes)	Dec. 10-13, 2012	Nashville	none	none	Oct. 25, 2012
Intergovernmental Meeting with DOE (Tentative requests: Hemelright)	Dec. 12-14, 2012	New Orleans	?	?	Oct. 25, 2012
Waste Management Symposium Pending requests: Hemelright, Kasten)	Feb. 24-28, 2013	Phoenix	\$995	www.wmsym.org	Dec. 20, 2012
15th National Brownfields Conference	May 15-17, 2013	Atlanta	\$125	www.brownfieldsconference.org/en/home	March 28, 2012
Spring Chairs Meeting (Tentative requests: Hatcher, Hemelright, Staley)	?	Richland, WA	none	none	
Western Waste Site Tour (Tentative requests: Hatcher, Staley)	?	Waste Isolation Pilot Plant, Nevada Nat'l Security Site	none	none	
National Environmental Justice Conference & Training	?	Washington, D.C.	none	?	
Health Physics Society Annual Mtg	?	?	?	?	
RadWaste Summit (Tentative requests: Hemelright)	?	Las Vegas	?	?	
Fall Chairs Meeting (Tentative requests: Hemelright)	?	Portsmouth, OH	none	none	

Shading indicates that ORSSAB members are participating this year