



**Stewardship Committee Meeting Minutes  
Tuesday, January 15, 2013, 5:30 p.m.  
DOE Information Center  
Office of Science and Technical Information**

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**Committee Members Present**

Donna Campbell  
David Martin  
Fay Martin, Vice Chair  
Roger Macklin  
Norman Mulvenon  
Corkie Staley, Chair

**Others Present**

Sid Garland, UCOR/RSI  
Spencer Gross, ORSSAB support office  
Joy Sager, Department of Energy Oak Ridge  
Office (DOE ORO)

**Absent**

Darryl Bonner  
Susan Gawarecki  
Lisa Hagy  
Lorene Sigal  
Scott Stout

**National Priorities List Site Boundary Delineation update – Joy Sager**

Ms. Sager reported on the status of work to change the Environmental Protection Agency (EPA) National Priority List (NPL) Site Boundary delineation for the Oak Ridge Reservation (ORR) to reflect only areas of the reservation that are contaminated or are being remediated under the Comprehensive Environmental Response, Compensation, and Liability Act.

Ms. Sager said DOE and the Tennessee Department of Environment and Conservation (TDEC) began the effort to make some ‘no further investigation’ determinations for areas of the ORR that had had no known activities that would have left contamination or had no evidence of any contamination.

No further investigation determinations were approved in the late 1990s for soils only for a number of parcels on the ORR. She said more work had to be done regarding groundwater.

In 2008 DOE began an effort to complete delineation of areas requiring no further investigation or action for all media. A white paper was prepared outlining the process.

DOE contracted the Oak Ridge Institute for Science and Education to complete verification activities across the ORR. The study covered about 5,000 acres at East Tennessee Technology Park (ETTP) and about 16,000 acres around Oak Ridge National Lab (ORNL) and Y-12 National Security Complex. The investigations were to make sure that DOE or its predecessors hadn’t done anything in those areas that would have left contamination.

An Environmental Baseline Survey Report (EBSR) for ETTP was submitted to EPA and TDEC (the regulators) in September 2011. EPA’s comments on the EBSR indicated there should be more study of ecological risk. In 2012 a reservation-wide ecological risk assessment was performed and a D2 version of the EBSR was submitted. An EBSR for parcels around ORNL and Y-12 was

submitted to the regulators in September 2012. All but about 791 acres of the 16,000 studied were determined to require no further investigation. The area of 791 acres is noted on page 5 of Attachment 1. It includes all of Parcel 19 and portions of Parcels 11, 12, and 13.

Ms. Sager said those areas have been added to Appendix C of the Federal Facility Agreement, which defines cleanup of the ORR. The Appendix B ORR site maps will be modified.

Ms. Martin asked what the contaminants are in those areas. Ms. Sager said it was strontium titanate particles.

Ms. Sager said DOE is awaiting comments from the regulators on the D2 version of the ETTP EBSR and the D1 version of the ORNL/Y-12 EBSR.

Mr. Martin wondered if the areas requiring no further investigation can be incorporated into the Stewardship map (Attachment 2). Ms. Sager said she thought the GIS maps will be modified to reflect the information in the EBSRs. Staff will check with Jannalyn Pontello to verify.

Mr. Martin asked what total acreage on the ORR still has contamination. Mr. Garland said about 5,000 acres.

#### **Discussion of possible recommendation on NPL boundary delineation**

The committee determined there was no need to offer a recommendation on the topic.

#### **Addition to Agenda**

Earlier in the month Ms. Sager provided two EPA documents to the committee for information purposes ('Institutional Controls: A Guide to Preparing Institutional Controls Implementation and Assurance Plans at Contaminated Sites' and 'Institutional Controls: Planning, Implementing, Maintaining, and Enforcing Institutional Controls at Contaminated Sites').

In the accompanying email there was a statement that the second document "provides an overview of the agency's policy regarding the roles and responsibilities of stakeholders involved in various aspects of the I[nstitutional] C[ontrols] lifecycle, namely planning, implementing, maintaining, and enforcing ICs."

Mr. Mulvenon said he reviewed the documents and he could find no explicit policy involving stakeholders, except on page 31 under the heading of 'Community IC Monitoring' (Attachment 3).

Ms. Sager suggested perhaps DOE's Dave Adler could provide insight when he attends the committee meeting in February.

Mr. Mulvenon said his comments stem from a long-held concern that the City of Oak Ridge in the past has denied that it has any responsibility for stewardship of properties once DOE no longer owns them, such as at ETTP when all the property there is transferred. His contention is ETTP is within the city limits of Oak Ridge and the City of Oak Ridge should be responsible for ensuring stewardship requirements are fulfilled. Presently DOE is responsible for the safety of land with waste remediated in place, but Mr. Mulvenon is concerned about some point in the future if DOE no longer exists.

Mr. Martin said he didn't know how to get government officials to take responsibility for something unless they have clearly defined guidance on what to do.

Ms. Staley asked what Mr. Mulvenon proposed. He said the committee should consider meeting with the current city manager to determine the city's involvement in stewardship and how land is to

be protected after cleanup. He said the previous city manager said the Oak Ridge would have no role unless funding was provided for long-term stewardship activities.

Ms. Staley said she needed to study the matter more before taking the issue to city officials.

### **Review Action Items**

#### *Open*

1. Ms. Sager will schedule a conference call with DOE Headquarters in November to discuss the site transition summary and 13-step guidance document (conditional on availability of guidance by mid-October). **Status.** The committee decided to delay a conference call until after the first of the year. In the meantime the committee developed a list of questions and comments during a December 6 work session.
2. Staff will check with Jannalyn Pontello to determine if maps in the DOE GIS will indicate changes in NPL Boundary Delineation.

#### *Closed*

1. Ms. Sager will research the possibility of a local site to use as a test for the site transition process. **Status.** Dave Adler said during the November 2012 Executive Committee meeting he thinks the best thing would be for the board (by way of the committee) to make a formal recommendation to DOE Oak Ridge to conduct such a test. During discussion of this item Ms. Staley asked if anyone would like to make a recommendation on topic. No one present at the meeting expressed an interest in writing a recommendation.

The meeting adjourned at 6:30 p.m.

Attachments (3) are available through the ORSSAB support office.

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