

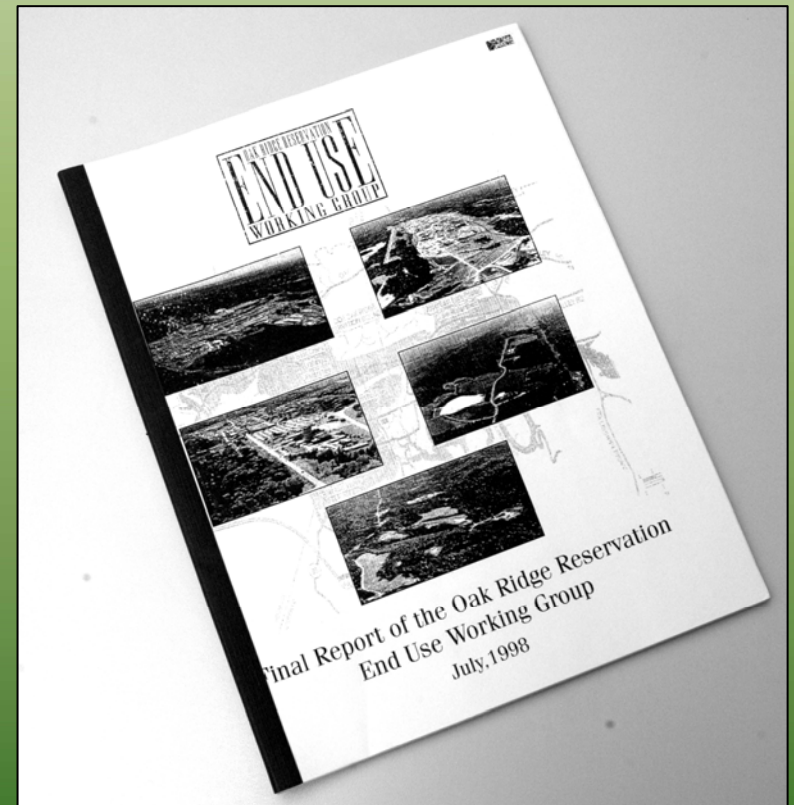


# Stewardship on the Oak Ridge Reservation



## ORSSAB Established in 1995

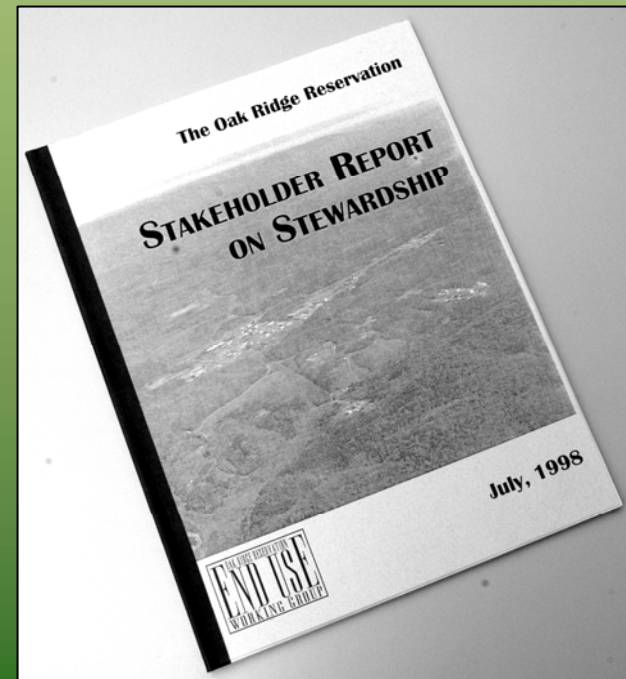
- End Use Working Group formed in 1997 – a broad based community constituency determined in its 1998 Final Report that some contamination would remain in place at certain locations with adequate groundwater protection and long-term stewardship activities





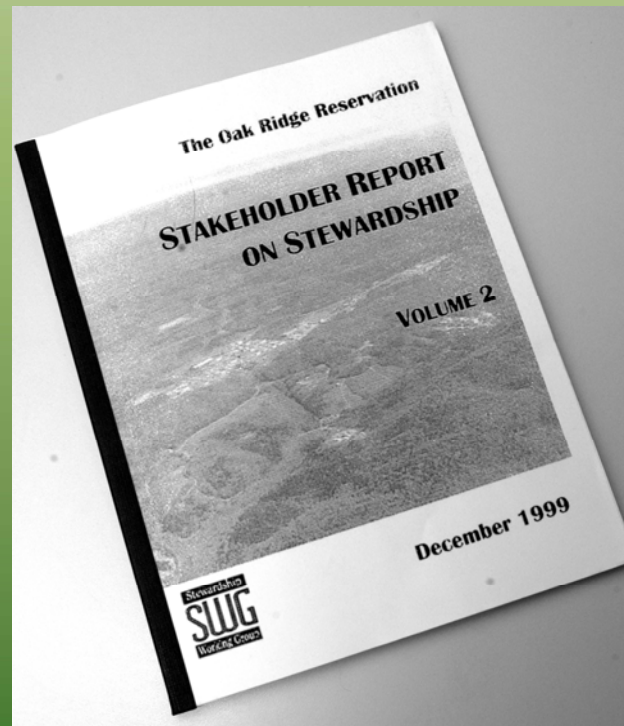
The Stakeholder's Report on Stewardship (1998) established seven basic elements for stewardship:

1. Authority and funding
2. Stewards
3. Operations
4. Physical controls
5. Institutional controls
6. Information systems
7. Research





Stewardship Working Group was established in 1998 and published the Stakeholder's Report on Stewardship, Vol. 2 in 1999





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Among the 15 recommendations were:

1. Secretary of Energy should issue a national policy for stewardship, including guidance for local participation
2. Stewardship should be codified in records of decision or other legally binding documents
3. The Oak Ridge Federal Facility Agreement should require appropriate milestones for major stewardship documents





## Stakeholder's Report on Stewardship, Vol. 2 recommendations (cont.)

- Among the 15 recommendations were:
4. DOE Public Involvement Plan should allow for public participation
  5. A Citizen's Board for Stewardship should be established
  6. A system for filing and locating notices of contamination in property records should be established.



In 1999 ORSSAB hosted a national Stewardship Workshop that identified 10 Next Steps for Stewardship

1. Establishment of a legal mandate for assured stewardship funds for DOE, DOD, and FUSRAP, or successor agency, separate from remediation and spending funds.
2. Development of a national policy on stewardship.



## 1999 Stewardship Workshop Next Steps

3. Immediate development of enforceable site-specific plans at each DOE site.
4. Establishment of a national policy for stewardship and the pursuit of legislation mandating the direct involvement of affected stakeholders in site-specific stewardship planning including the development of written site-specific stewardship plans.





## 1999 Stewardship Workshop Next Steps

5. Establishment of site-specific mechanisms for regular stewardship reviews and future broad-based stakeholder involvement and oversight.
6. Development of a better understanding of the tradeoffs and relationships between cleanup and stewardship.



## 1999 Stewardship Workshop Next Steps

7. Development and implementation of stewardship plans that take advantage of the dynamic nature of stewardship
8. Utilization and/or development of both detailed, robust information systems and permanent systems containing minimal essential information



## 1999 Stewardship Workshop Next Steps

9. Utilization and/or development of information systems.
10. In order to ensure a sustainable responsibility for long-term stewardship for contaminated areas, the following actions should be taken:
  - a) Educate
  - b) Formalize long-term stewardship in legally binding agreements to ensure involvement and accountability
  - c) Recruit
  - d) Institutionalize responsibilities



## Conclusions from the 1999 Stewardship Workshop

Public involvement in stewardship and development of site-specific stewardship plans are important.

Need to institutionalize stewardship through DOE policy and the pursuit of legally binding agreements were mentioned in six of the 10 steps.

Funding and information were noted as vital to the effectiveness of long-term stewardship.



## Conclusions from the 1999 Stewardship Workshop

DOE, working in cooperation with its stakeholders, needs to provide direction, funding, and technical support for the implementation of these Next Steps for Stewardship.



# Stewardship Activities on the Oak Ridge Reservation





## ORSSAB and Stewardship

- Stewardship Committee functions as the Citizens' Board for Stewardship
- 35 Recommendations issued since 1995
- 2003 – developed a long-term stewardship strategic plan; drafted an annotated outline for a long-term stewardship plan



## ORSSAB and Stewardship

- 2010 – has reviewed and just recently recommended that DOE adopt a draft stewardship implementation plan
- Reviews the annual Remediation Effectiveness Report
- Participates in the CERCLA 5-Year Review



## ORSSAB and Stewardship

- Developed the Stewardship Education Resource Kit





## ORSSAB and Stewardship

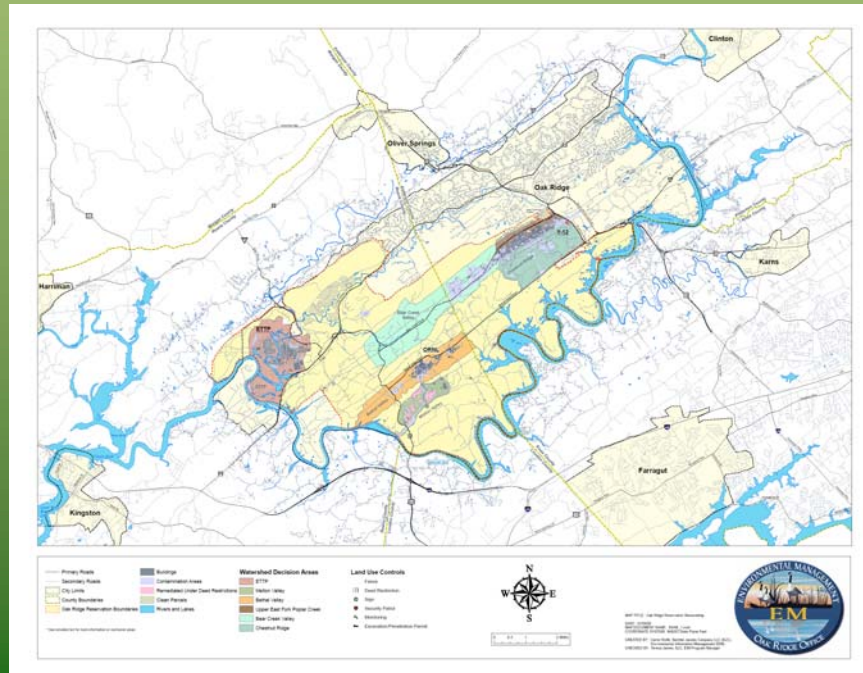
- Conducted a teacher's workshop on using the kit





## ORSSAB and Stewardship

- Developed a Stewardship Map showing contaminated areas of the reservation







## ORSSAB and Stewardship

- Works with county Registers of Deeds to make recorded notices of contamination easy to find.

### **PUBLIC NOTICE**

NOTICE OF CONTAMINATION AND FUTURE USE LIMITATIONS, AND INTENT TO PROVIDE NOTATIONS ON OWNERSHIP RECORD (DEED RESTRICTIONS) IN MELTON VALLEY, OAK RIDGE NATIONAL LABORATORY, OAK RIDGE, TENNESSEE

UNITED STATES DEPARTMENT OF ENERGY  
OAK RIDGE OFFICE  
P.O. BOX 2001  
OAK RIDGE, TENNESSEE 37831





## ORSSAB and Stewardship

Stewardship activities at remediated operable units:

- Fences restricting access to contaminated areas
- Warning signs
- Regular monitoring
- Excavation permits
- Property record notices
- Security patrols





## What Issues Remain?

Contaminated areas will require long-term stewardship with active involvement of the principal and oversight stewards.





## What are the Issues Across the Complex?

DOE has no long-term strategic plan or guidance for stewardship at ongoing mission sites.

There is no DOE EM office or liaison dedicated to stewardship at ongoing mission sites.

There is no landlord participation in long-term stewardship planning.



## Summary

Stewardship must be included in remediation decision making.

Funding for stewardship must be part of the remediation decision making.

Requirements for long-term stewardship must be included in RODs and other legally binding documents.



## Summary

Responsibility for long-term stewardship must be clearly established.

The hope is that today's discussions and the stewardship workshop in Colorado later this year will lead to a comprehensive national policy on stewardship.