

# Stewardship of the Hanford Site Now and Into the Future

Stewardship Roundtable  
Environmental Management Site-Specific  
Advisory Board Chairs Meeting  
April 29, 2010

**Bob Suyama**  
**Vice-Chair**  
**Hanford Advisory Board**

# Definition of Stewardship

The concept of land as a resource,

Our responsibility to wisely manage that resource, and

Our responsibility to future generations for the condition of that resource.





# Phases of Hanford Site Stewardship

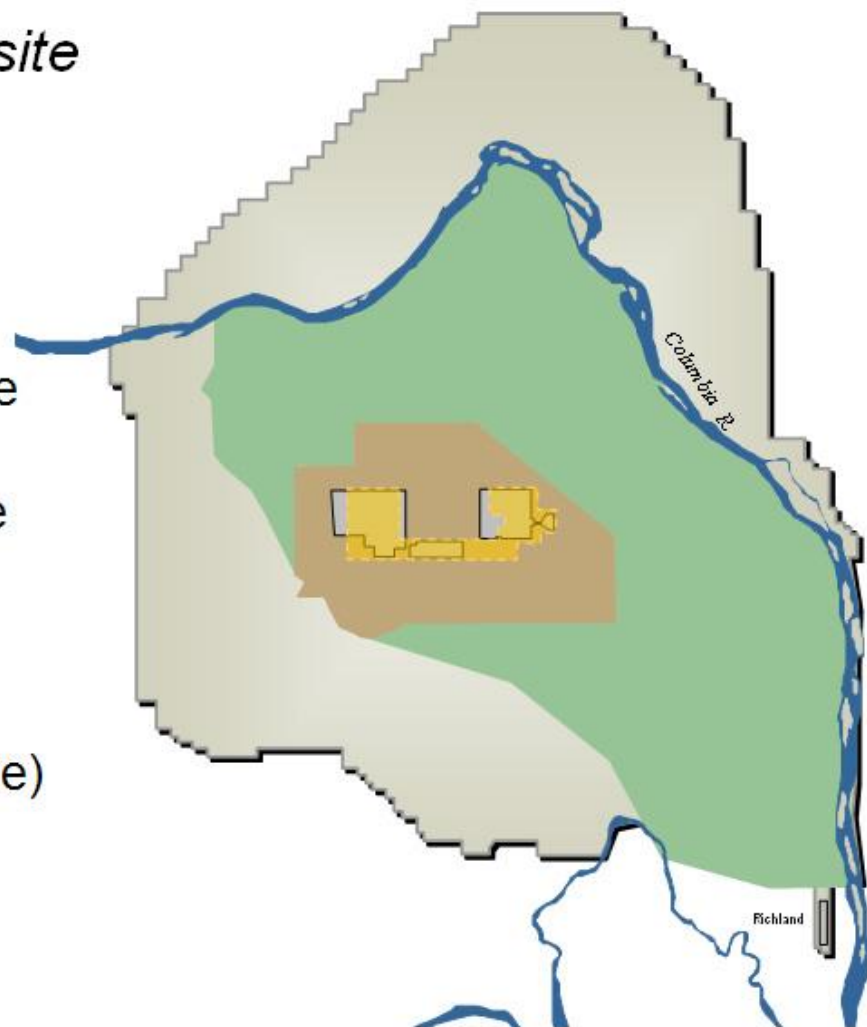
Phase	When	What	Responsibility
Past	1940's to 1990's	Materials Production	AEC / DOE
Present	1990's thru 2050's	Clean-up & Remediation	DOE EM
Future	Next 150 years	Surveillance & Maintenance	DOE EM → LM
Distant Future	Beyond 150 years to perpetuity	?????	?????

# Cleanup Strategy

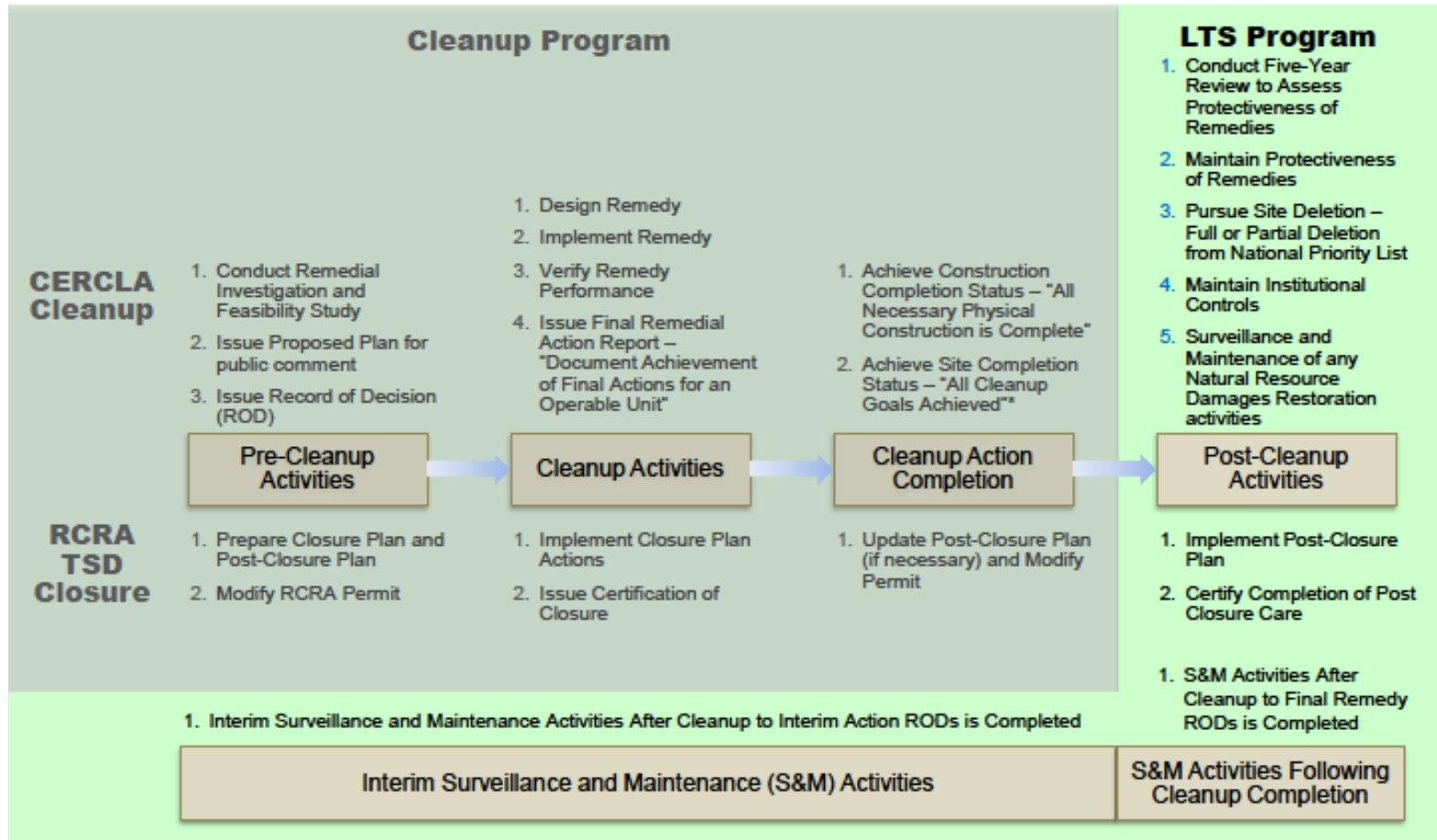
*Go from 586-square-mile site to 10 square miles*

Work in four areas

-  River Corridor (~210 sq. miles)
-  Central Plateau, Outer Zone (~65 sq. miles)
-  Central Plateau, Inner Zone (~10 sq. miles)
-  Hanford Reach National Monument (~300 sq. miles, including Arid Lands Ecology Reserve)

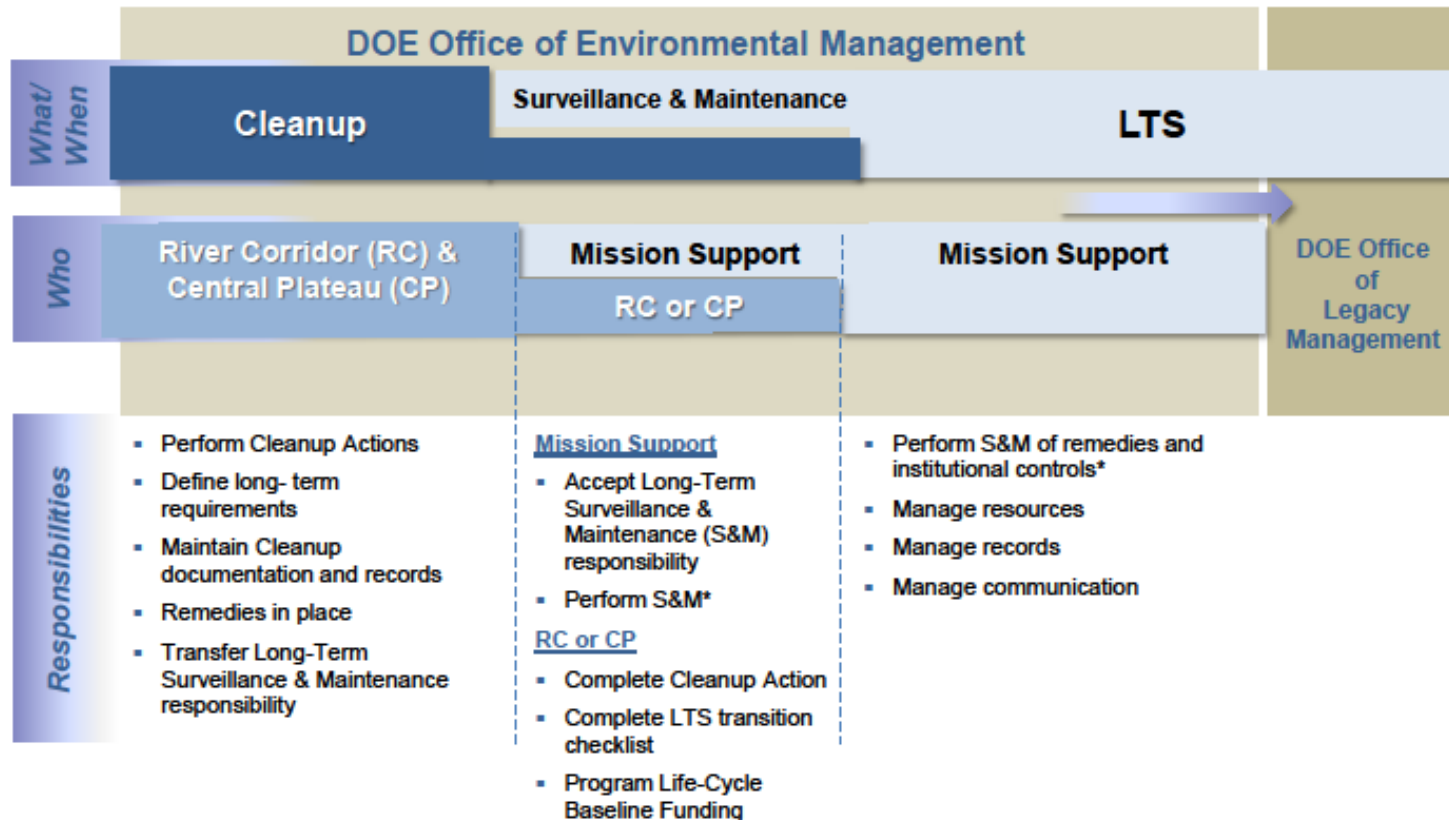


# Responsibilities of the Cleanup and LTS Programs



\* The operations and maintenance for groundwater extraction and treatment systems that are determined to be operational and functional may be conducted by the LTS Program even before remedial objectives are complete.

# Cleanup and LTS Program Responsibilities During Transition



\* The operations and maintenance for groundwater extraction and treatment systems that are determined to be operational and functional may be conducted by the LTS Program even before remedial objectives are complete.

# What Can DOE Do To Help?

- Establish a database of the real cost of Physical and Institutional Controls that can be consistently applied during remedy selection.
- Establish a funding mechanism to account for Annual Congressional Appropriations while remedy selection cost analysis use Net Present Value methods to estimate long term costs.

# Conclusions

- The Future Is Being Shaped Now
  - Clean-Up Decisions Made Today Will Define LTS Requirements For The Future
- The Future Is Unknown
  - Funding
  - Ownership
- Perpetuity Is Time Without End, An Eternity, Infinity...  
***Beyond My Comprehension***



**We Must Be Good Stewards Today To  
Preserve The Land For Future Generations**



# Potential Backup Slides

# Hanford Site Clean-Up

## Richland Operations Office

