

***CRESP Workshop***  
**January 12-13, 2006**



**The *Real* Obstacle to Site Completion:  
Credible Post-Remediation Sustainable Protection at  
Contaminated Sites with Residual Waste**

Location:

Abelson/Haskins Conference Room

**American Association for the Advancement of Science (AAAS)**

1200 New York Avenue, NW

Washington, DC 20005

Introduction

Charles W. Powers

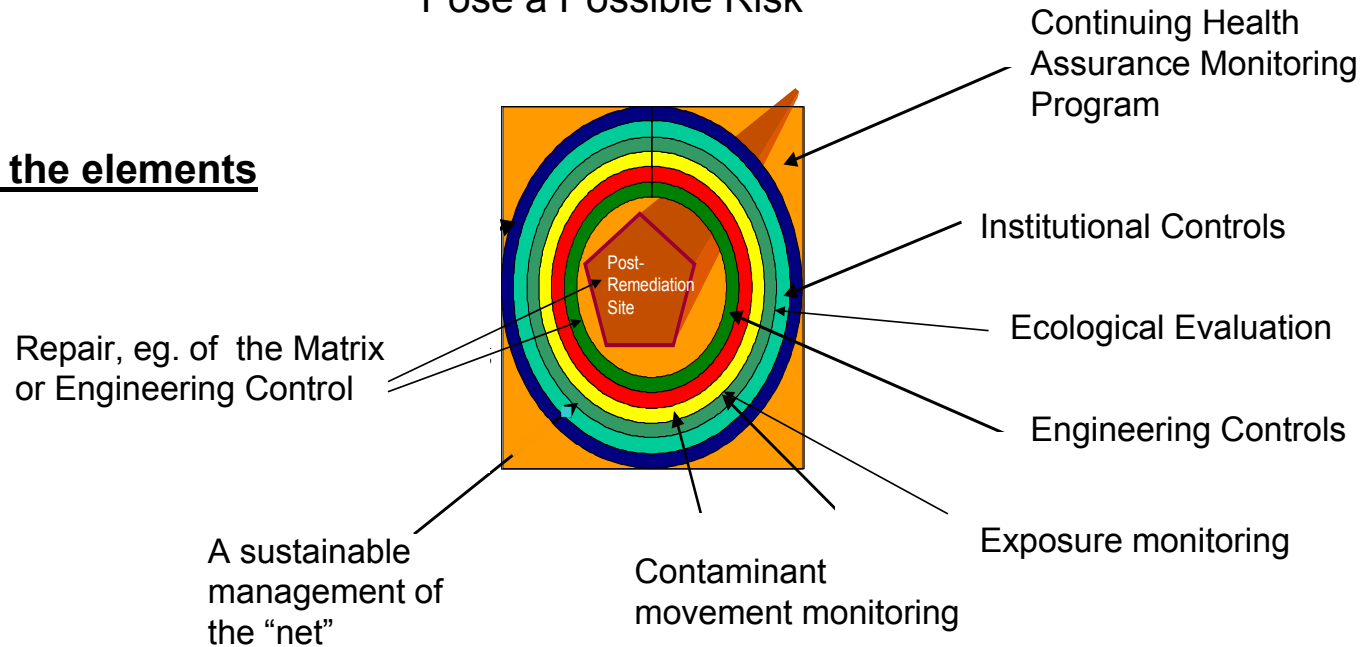
CRESP, PI



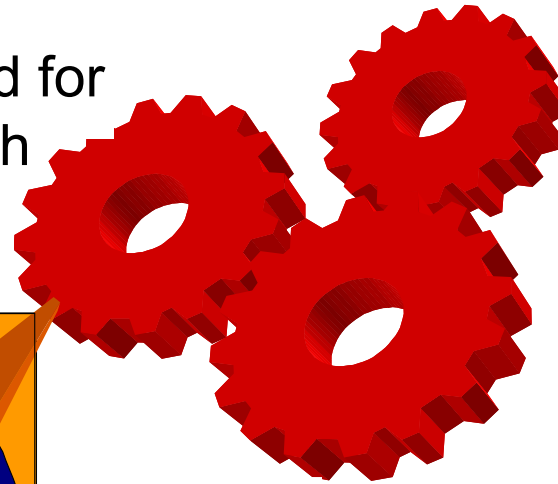
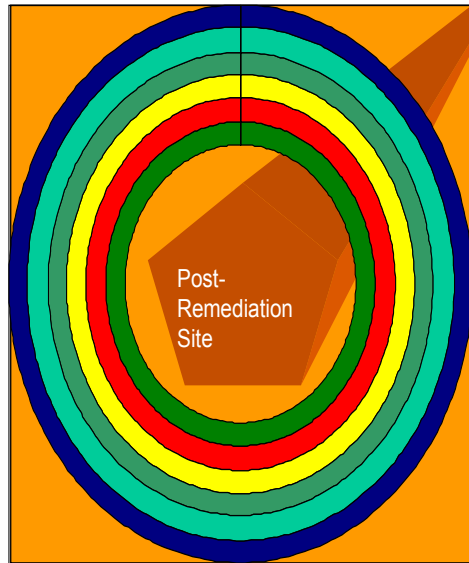
## Sustainability: What Does it Mean?

A Stewardship Safety Net  
with Appropriate Multiple  
Rings to Assure  
Sustainability While Hazards  
Pose a Possible Risk

### We think these are the elements

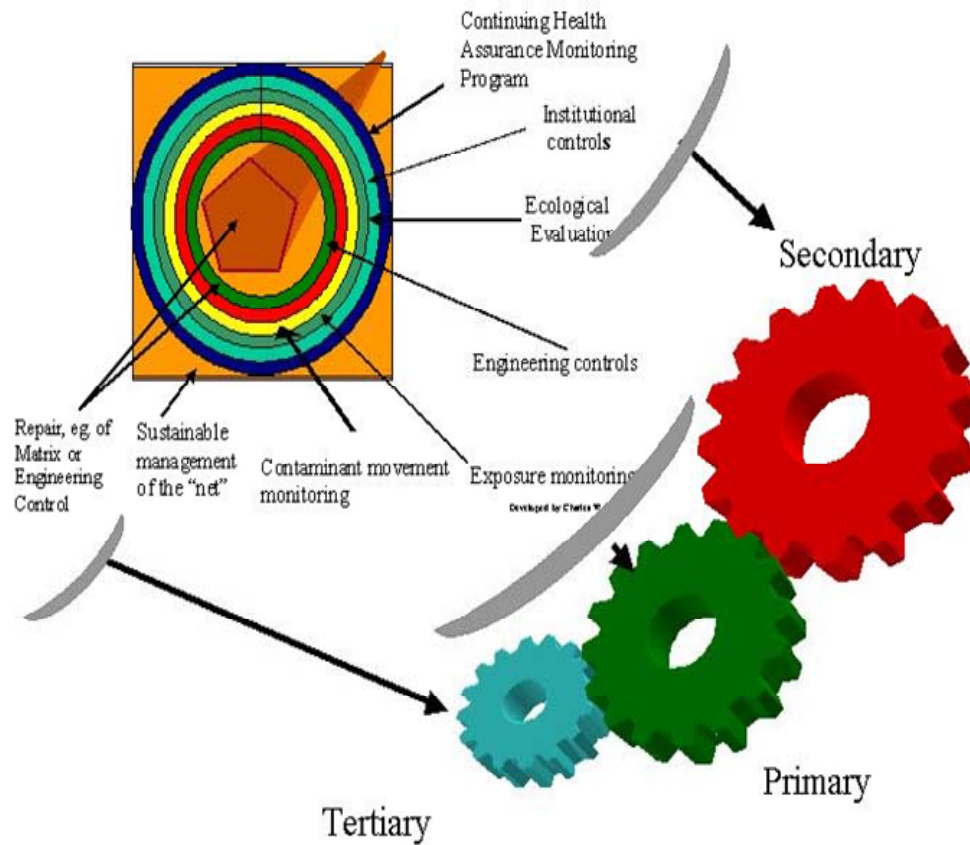


The challenge of sustainability is to determine which of these Sustainability Rings is needed for a safety net at a site to go with the right remedy



And then try to make sure that the selected elements, shaped to the specific needs are not independent circles, but are like gears of a protective system

# Primary, Secondary, and Tertiary Elements of a Sustainability Protective System





## **The *Real* Obstacle to Site Completion: Credible Post-Remediation Sustainable Protection at Contaminated Sites with Residual Waste**

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Three fundamental questions will frame the workshop:

Are the timeframes which flow from the several regulatory regimes reconcilable and/or adequate to properly shaping the task of sustained protection? If not, could they be?

What are the key factors in both creating – and building the perception – that a series of protective mechanisms will, in fact, be sustained. Is the separation of remediation and stewardship inherent even in this workshop itself a mistaken view of the proper relationship between remedial choice and post-construction stewardship systems?

What are the prospects for improving the coherence and integration of the several systems built to assure sustainable protection when more than a single federal agency is involved/has regulator responsibilities?

We will succeed if the workshop provides significant clarification about these three questions for the participants – and takes steps to see where, and with whom, such a dialogue should next proceed.

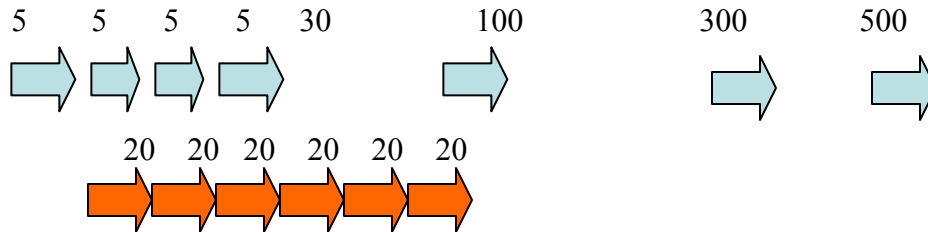
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# Sustainability, Protection And Timeframes

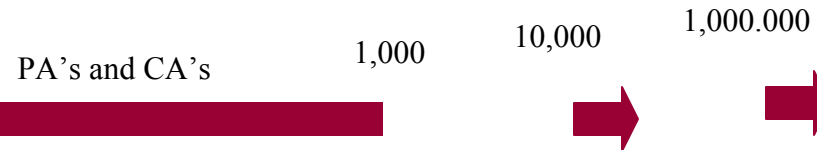
*Do the timelines for review and useful life and/or design life from the applicable regulatory system achieve their tasks, accept design limitations? Does it matter?*

Timelines and Horizons:

CERCLA, RCRA, NRC, DOE and some state Laws



OLM Rolling LTSM horizons



Changes in the Way Regulations Relate or are Implemented Together

# Construction/Remediation and Sustainable Protection

