

HANFORD ADVISORY BOARD

A Site Specific Advisory Board, Chartered under the Federal Advisory Committee Act

Advising:

US Dept of Energy
US Environmental
Protection Agency
Washington State
Dept of Ecology

August 15, 2011

CHAIR:

Susan Leckband

John Morse
U.S. Department of Energy, Richland Operations
PO Box 550, MSIN A5-11
Richland, WA 99352.

VICE CHAIR:

Bob Suyama

Margo Voogd
U.S. Department of Energy, Richland Operations
PO Box 550, MSIN A6-38
Richland, WA 99352

BOARD MEMBERS:

Local Business

Harold Heacock

Labor/Work Force

David Davis
Thomas Carpenter
Jeff Luke
Rebecca Holland

Marty Doornbos
CH2MHill Plateau Remediation Company
PO Box 1600, MSIN H8-15
Richland, WA 99352

Local Environment

Gene Van Liew

Local Government

Maynard Plahuta
Pam Larsen
Rick Jansons
Rob Davis
Jerry Peltier
Richard Leitz
Bob Parks

Sonya Johnson
CH2MHill Plateau Remediation Company
PO Box 1600, MSIN H8-75
Richland, WA 99352

Tribal Government

Russell Jim
Gabriel Bohnee

Re: Deep Vadose Zone Preliminary Technology Information Exchange Appreciation

Public Health

Margery Swint
Howard Putter

Dear Messrs. Morse and Doornbos and Ms. Voogd and Ms. Johnson,

University

Doug Mercer

Public-at-Large

Norma Jean Germond
Keith Smith
Bob Parazin
Bob Suyama

The Hanford Advisory Board (Board) greatly appreciates the fine job the Department of Energy (DOE) did putting together the comprehensive list of vadose zone technologies that were showcased at the recent Deep Vadose Zone Workshop (The Deep Vadose Zone Preliminary Technologies Information Exchange, June 8, 2011). Several of our Board members attended the event and reported how impressed they were with the well orchestrated and well thought out agenda. The wide variety of technologies previewed for application at Hanford was heartening. We appreciate DOE's commitment to a dedicated vadose zone and groundwater cleanup at Hanford. The Board believes that through having workshops like this one, all parties will have a better understanding of the future risk and complexities of vadose zone contamination, and of the potential application and limitations of the technologies being considered for remediation.

Regional Environ-

ment/Citizen
Dan Serres
Paige Knight
Gerald Pollet
Susan Leckband

State of Oregon

Lyle Smith
Ken Niles

The Board has long advocated for inclusion of more "off the shelf" technologies for consideration in the remediation of the Hanford vadose zone. Many of the technologies that were presented during the course of the Deep Vadose Zone Workshop fell into that category. This meeting was good evidence that this advice was heard and embraced. DOE has identified vadose zone remediation as one of the priority issues at Hanford for managing risk over the long term. The Board supports the

Ex-Officio

Confederated Tribes
of the Umatilla
Washington State
Department of Health

Envirolssues

Hanford Project Office
713 Jadwin, Suite 3
Richland, WA 99352
Phone: (509) 942-1906
Fax: (509) 942-1926

Hanford Advisory Board
2011O-05

Subject: Deep Vadose Zone Preliminary Technology Information Exchange

August 15, 2011

Page 1

idea that some of the more common technologies that might be used to remediate the vadose zone may prove to be cost-effective solutions and be quicker to deploy. We are hopeful that evaluation results identify technologies as safe and deployable at Hanford – sooner rather than later.

The Board requests that we continue to be included through updates, dialogue, and meetings as the selection of measuring criteria that will be used to pick the vadose zone technologies is determined for technologies that will eventually be deployed in the Hanford cleanup effort.

Also, the Board appreciates the fact that DOE has offered to add additional technologies that might be used in vadose zone remediation to the selection list. The Board would support and be a willing participant in technology forums used to exchange information and help guide decisions like these (e.g. the Site Technology Coordination Group). We encourage DOE to continue to include the public in the advances and decisions being made about the vadose zone at Hanford. The Board reminds DOE that several suggestions for additional workshops like this one for future vadose zone topics were accepted.

Thanks you again for the wonderful workshop.

Sincerely,

Susan Leckband, Chair
Hanford Advisory Board

This letter represents Board consensus for this specific topic. It should not be taken out of context to extrapolate Board agreement on other subject matters.

cc: Matthew McCormick, U.S. Department of Energy Richland Operations
Paula Call, U.S. Department of Energy, Richland Operations
Catherine Brennan, U.S. Department of Energy, Headquarters