



## AGENDA

### CAB FULL BOARD MEETING

Atomic Testing Museum, Frank Roberts Auditorium  
755 East Flamingo Road, Las Vegas, NV 89119

**November 18, 2009**

1. **Open Meeting / Agenda Review** **Denise Rupp**, Facilitator
2. **Chair's Opening Remarks:** **Walt Wegst**, Board Chair
  - Agenda Approval
3. **Staff/Liaison Update** **Kelly Snyder**, DOE DDFO
  - Environmental Management Assistant Manager
  - Clark County Liaison
4. **Public Comment** **Denise Rupp**, Facilitator
5. **Presentation:** **Helen Neill**, UNLV
  - **Rural Residents Perceptions of Environmental Activities at the Nevada Test Site**
6. **Committee Updates:**
  - **Executive** **Walt Wegst**, Committee Chair
  - **Industrial Sites** **Kathy Bienenstein**, Committee Chair
    - CAU 114 – EMAD
    - Locomotive/Train Cars
  - **Membership** **Kathy Bienenstein**, Committee Chair
  - **Outreach**
    - DOE Outreach Guidance Letter
    - OCD Enhancement
    - CAB-sponsored Science Fair
    - CAB Outreach Display
  - **Soils**
    - CAU 371 – Johnnie Boy Crater and Pin Stripe
    - CA 372 Cabriole/Palanquin Unit Craters
  - **Transportation / Waste** **Robert Johnson**, Committee Chair
    - Mixed LLW Disposal Cell Application (recommendation letter)
    - Waste Volumes and Transportation
    - DOE Land Withdrawal
  - **Underground Test Area (UGTA)** **Bob Gatliff**, Committee Chair
    - UGTA Approach for Lower Risk CAUs
    - Pahute Mesa Campaign Wells Potential Offsite Use
    - DOE Updated Groundwater Models
    - Groundwater Wells Completion Reports
7. **EM SSAB Update:** **Walt Wegst**, Committee Chair
  - EM SSAB Chairs Meeting Update (Idaho Falls, September 2009)
  - EM SSAB Letter – Request for Proposal Option Periods

- EM SSAB Chairs Conference Call – November 19, 2009
- Upcoming EM Site Specific Advisory Board Chairs Meeting  
April 26-29, 2010, Oak Ridge, Tennessee

8. **DOE Update:**

- Environmental Management (EM) Monthly Report  
(October and November 2009)

**Kelly Snyder**, DOE DDFO

9. **Other CAB Business:**

- December 2009 Full Board Meeting  
Currently scheduled for 5:00 p.m. December 16, 2009  
Centennial Hills Library, Las Vegas, NV

**Walt Wegst**, Board Chair

8. **October and November State of Nevada Notifications**

**Kelly Snyder**, DOE DDFO

9. **Meeting Wrap-Up / Assessment**

**Denise Rupp**, Facilitator

## CAB MEETING ATTENDANCE

Bi-Monthly Full Board Meetings

October 2009 through September 2009

Name	11/12/08	1/28/09	3/11/09	5/6/09	7/8/09	9/9/09	Maximum Terms Limit
Kathleen Bienenstein	➤➤	E	➤➤	➤➤	➤➤	➤➤	May 21, 2014
Bob Gatliff	➤➤	➤➤	➤➤	➤➤	➤➤	➤➤	August 10, 2010
David Hermann	➤➤	➤➤	➤➤	➤➤	➤➤	➤➤	August 10, 2010
Robert Johnson	➤➤	➤➤	➤➤	➤➤	➤➤	➤➤	June 1, 2012
Bill Lindsey	➤➤	➤➤	E	RS	RS	RS	Resigned 4-09
John McGrail	➤➤	➤➤	➤➤	➤➤	➤➤	➤➤	May 21, 2014
Vernell McNeal	E	➤➤	➤➤	E	➤➤	➤➤	June 1, 2012
Ted Oom	➤➤	➤➤	➤➤	➤➤	➤➤	➤➤	June 1, 2012
Jack Ramsey	➤➤	➤➤	➤➤	E	➤➤	➤➤	August 10, 2010
Ted Schweitzer	➤➤	➤➤	➤➤ (via phone)	➤➤ (via phone)	➤➤ (via phone)	➤➤	May 21, 2014
Herb Spiegel	➤➤	➤➤	➤➤	E	➤➤	➤➤	May 21, 2014
Stacy Standley	➤➤	➤➤	E	RS	RS	RS	Resigned 4-09
Hal Sullivan	➤➤	➤➤	➤➤	➤➤	➤➤	➤➤	June 1, 2012
Jim Weeks	➤➤	E	E	➤➤	➤➤	➤➤	June 1, 2012
Walt Wegst	➤➤	➤➤	➤➤	➤➤	➤➤	➤➤	June 1, 2012
<b>Key:</b>							
√ = Present							
E = Excused    U = Unexcused							
RM = Removed    RS = Resigned							

# Rural residents' perceptions of environmental activities at the Nevada Test Site: Mail questionnaire 2008 - 2009

H.R. Neill, Ph.D. & Assoc. Prof.  
School of Env. & Public Affairs,  
Greenspun College of Urban Affairs,  
UNLV

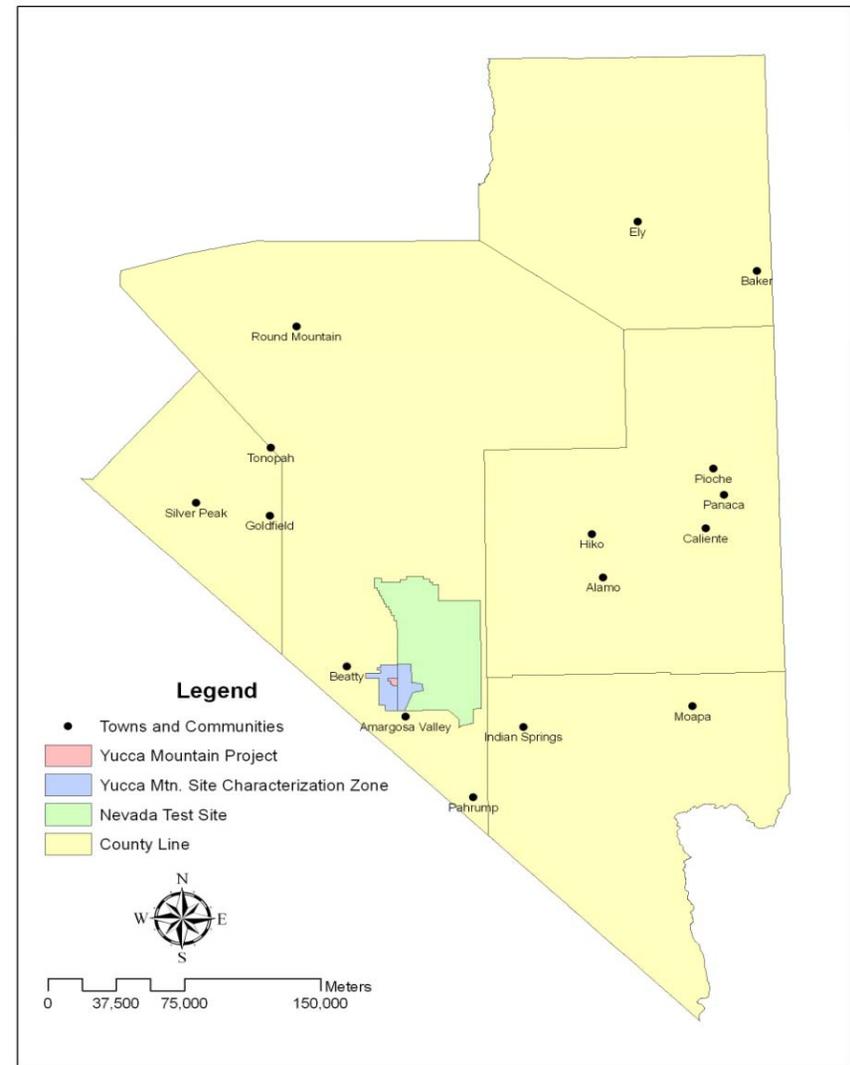
Funded by DOE Cooperative Agreement  
DE-FC52-98NV13499



**UNLV**  
UNIVERSITY OF NEVADA LAS VEGAS

# Purpose

- Given the U.S. DOE's Environmental Management activities at the Nevada Test Site, what matters to rural residents living nearby?
- DOE provided a grant to the University of Nevada, Las Vegas to conduct a questionnaire and analyses.



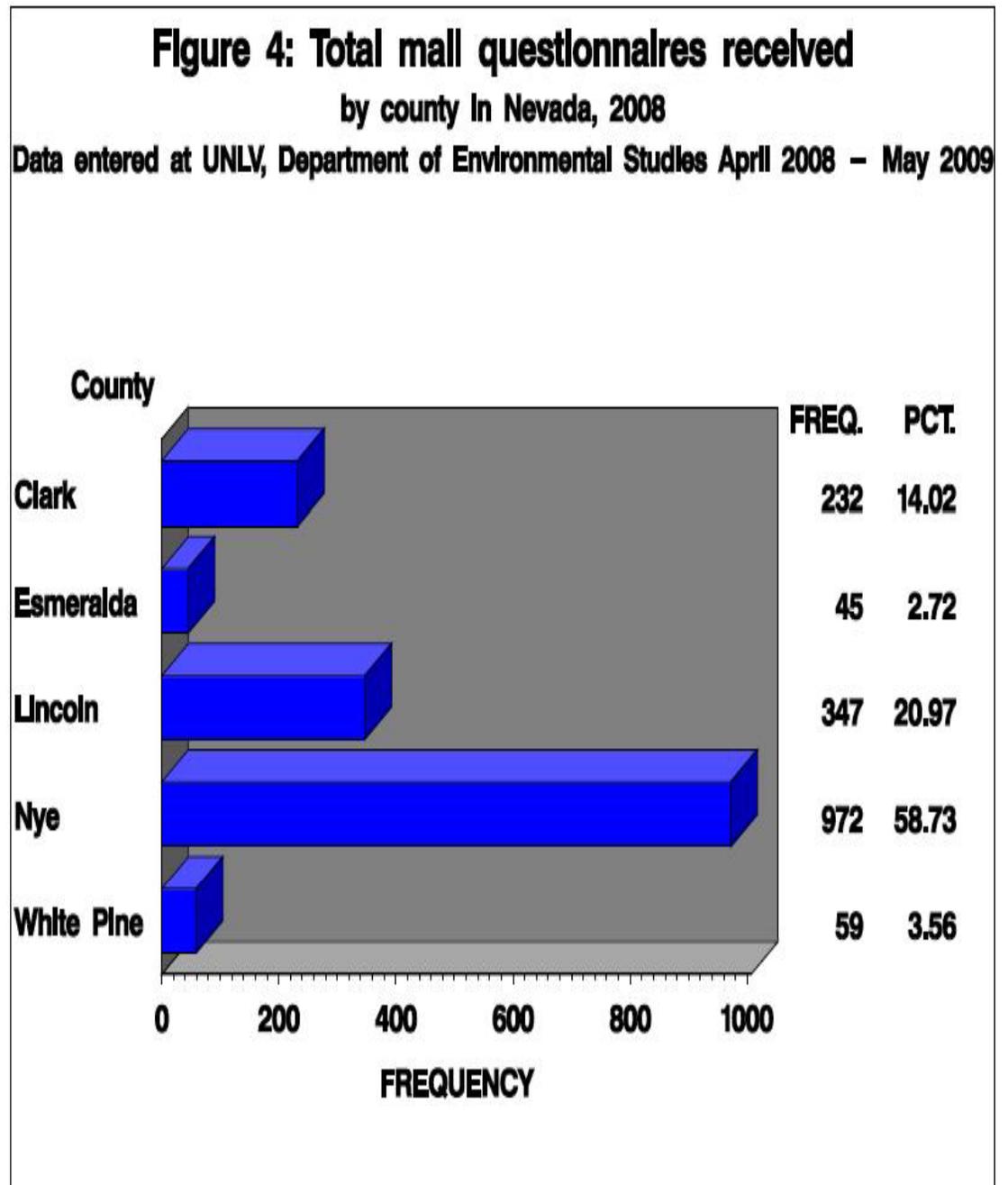
# Questions

- (1) How aware are residents of Environmental Management activities at the NTS?
- (2) How important are environmental issues to residents?
- (3) How important are socioeconomic and geographic characteristics for predicting whether respondents are aware?
- (4) Does awareness predict whether respondents select an environmental issue?

# Approach

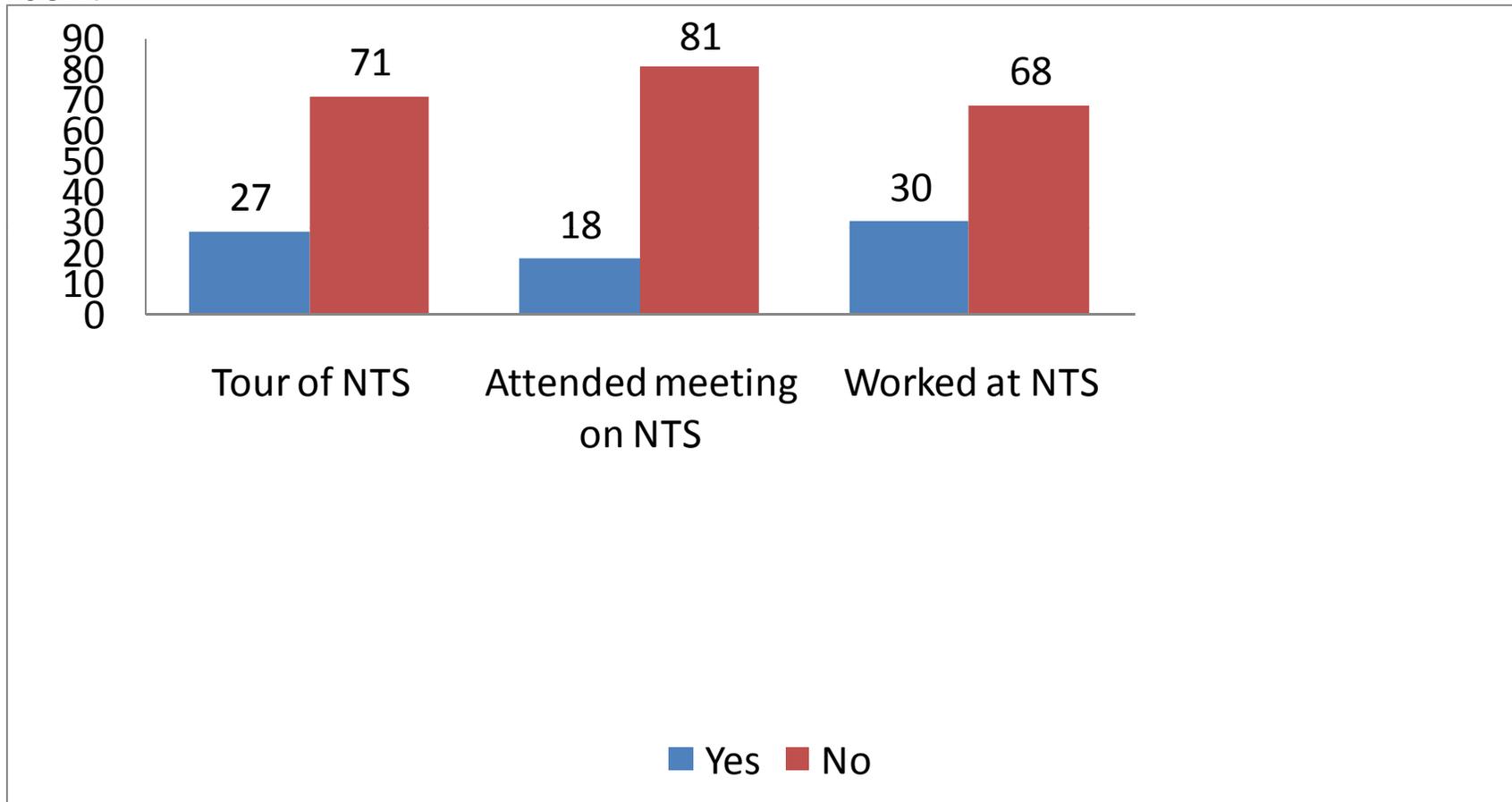
- (1) Summarize responses to awareness questions
- (2) Summarize responses to environmental issue questions
- (3) Use logistic regression to model respondent awareness ( $\text{Awareness} = f(\text{socioeconomic, information, community})$ )
- (4) Use logistic regression to model respondent identification of environmental activity as an issue ( $\text{Issue} = f(\text{awareness})$ )

- Developed a mail questionnaires reviewed by both UNLV and DOE
- Sent to 14,083 residents living near the Nevada Test Site
- Received 1,732 responses
- 12.2% response rate



# Experience with the NTS

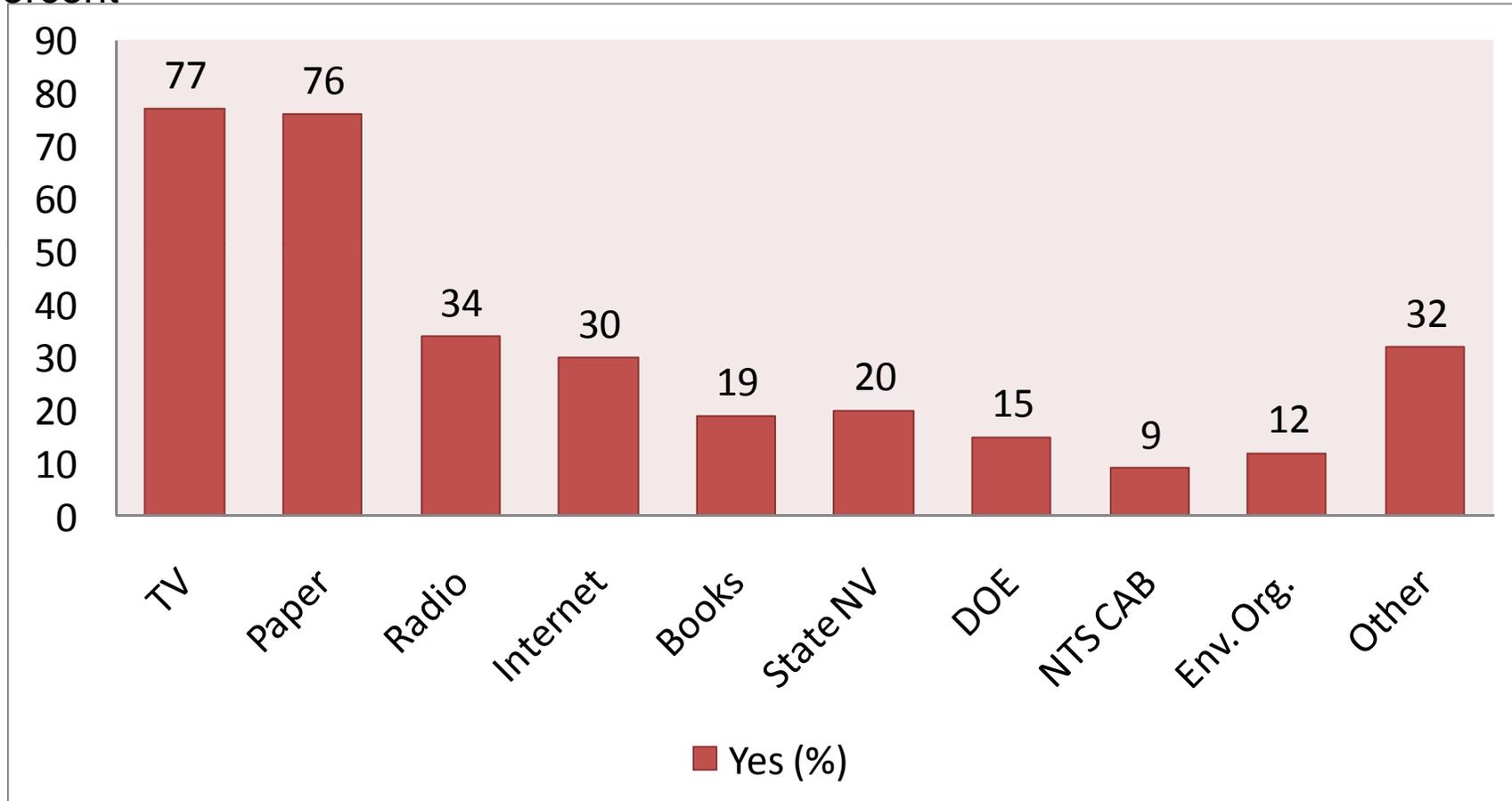
Percent



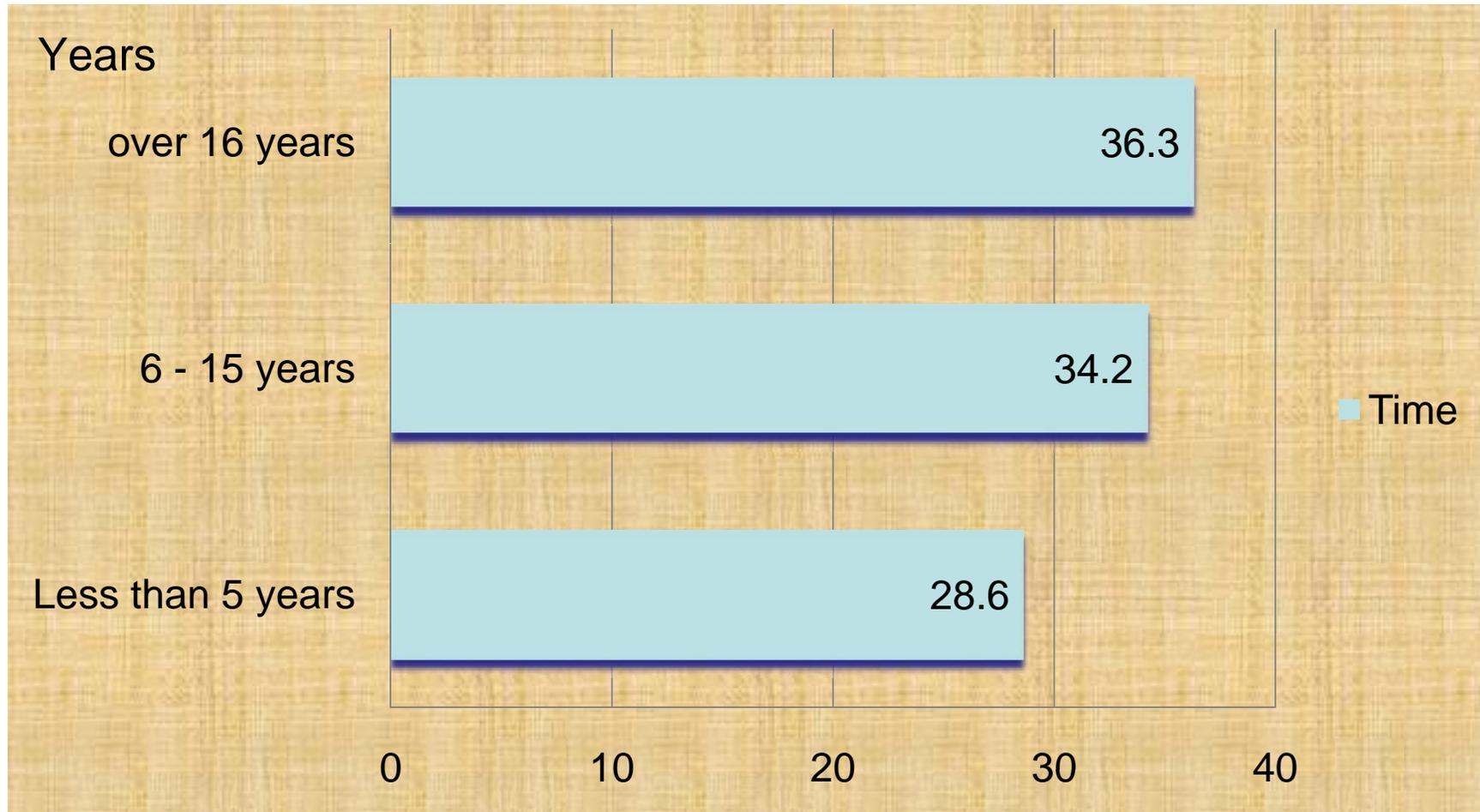
Sample size 1,732

# Information Source

Percent



# Time in neighborhood

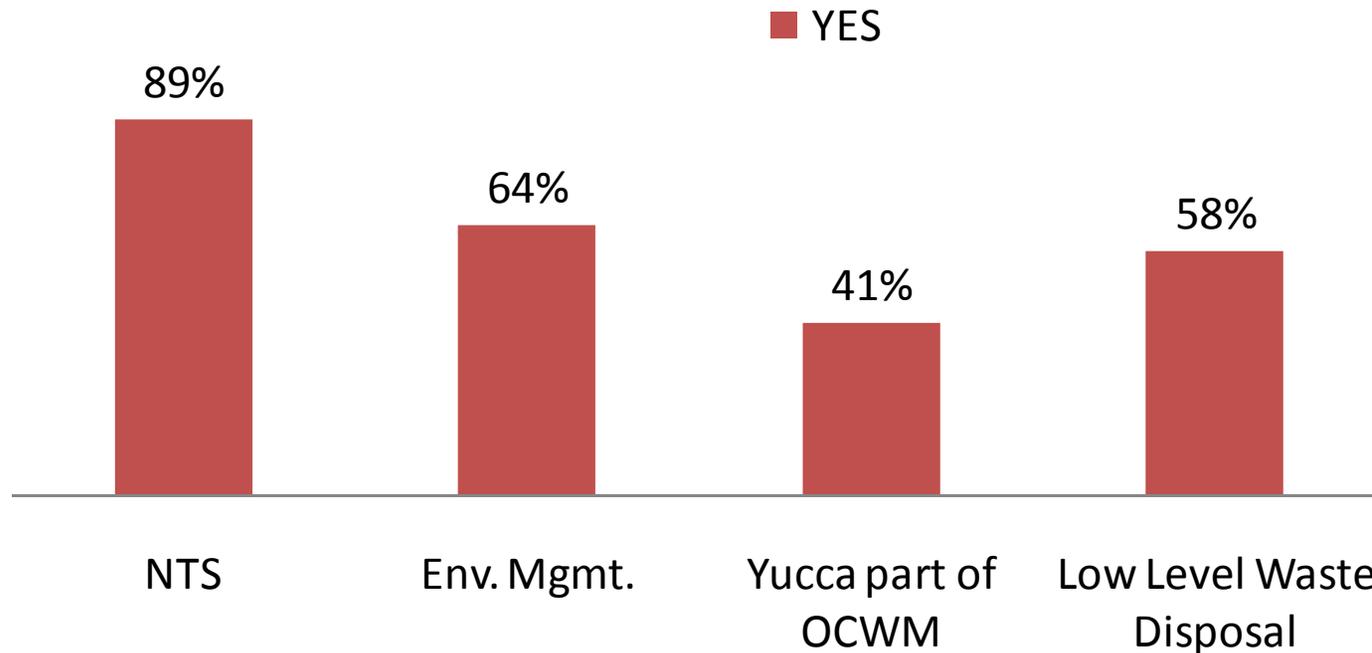


Sample size 1,732

Percent

# (1) How aware are respondents about the Nevada Test Site?

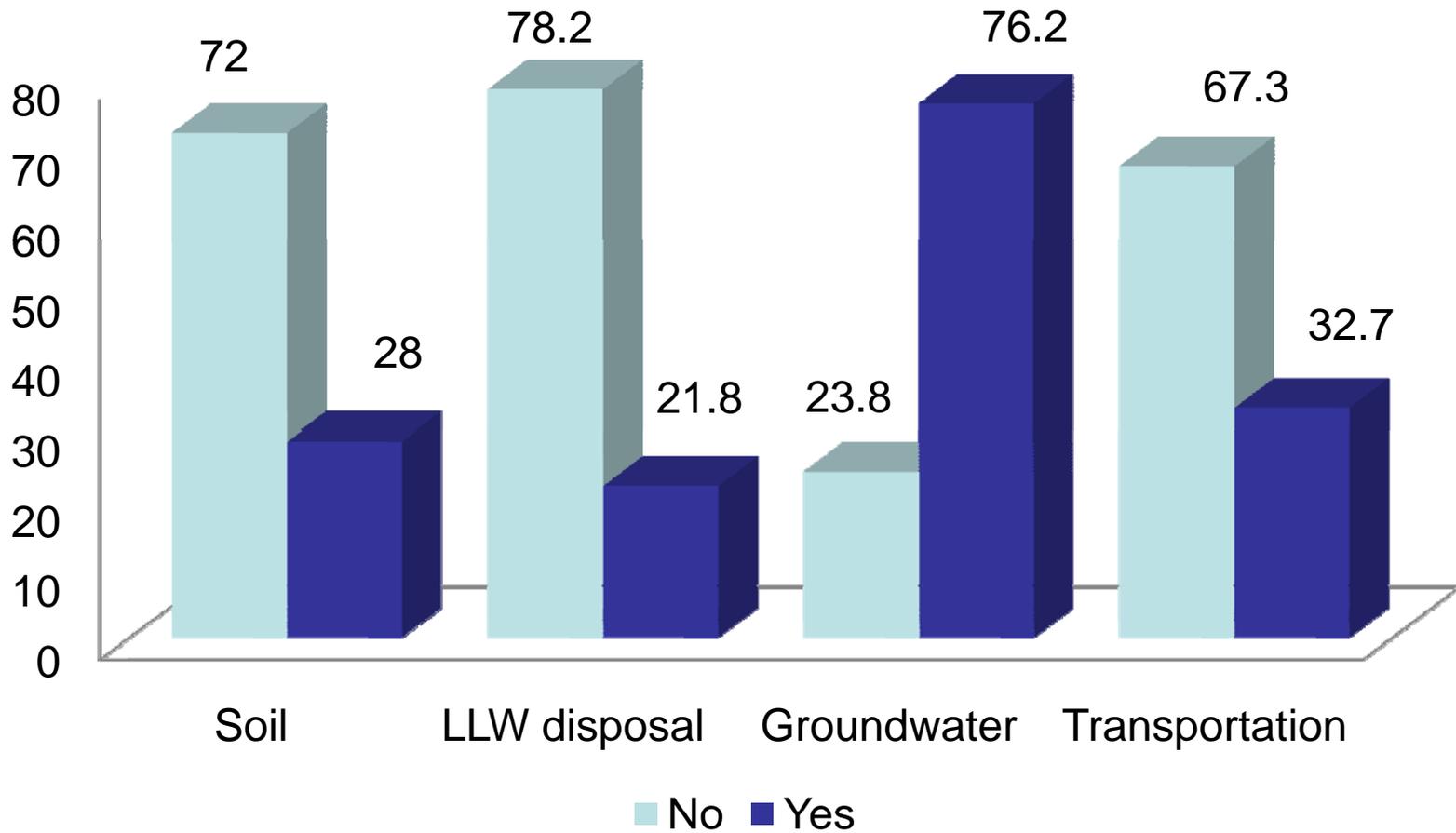
Percent



Sample size 1,732

## (2) Environmental Issues?

Percent



Sample size 1,732

### (3) What predicts awareness?

- Time16 years (+, \*\*\*)
- Communities are not statistically significant
  - With the exception Beatty ( + , significant) with respect to low level waste disposal
- Female respondents (-, \*\*\*)
- DOE info source (+, \*\*\*)
- NTS CAB info source (+, \*\*\*)

Note: \*\*\*, \*\*, \* represent statistical significance at the 1%, 5%, and 10% levels, respectively. (N = 1,732)

# (4) Does awareness reduce likelihood of selecting an env. issue?

- Awareness of environmental programs (-, \*\*\*)
- Note: \*\*\*, \*\*, \* represent statistical significance at the 1%, 5%, and 10% levels, respectively. (N = 1,732)

# Discussion & Conclusions

- There is a potential response bias given only approximately 12% responded to the questionnaire.
- Presentation limited to brief summary of results – questionnaire included open ended questions.
- Our results suggest differences for socioeconomic groups on awareness; potential opportunities to increase involvement
- Our results suggest awareness may reduce likelihood of identifying an environmental issue; needs to be explored further given recent developments in the risk literature on values/beliefs and environmental concern.

# Acknowledgements

- Thank you to the respondents
- UNLV Students and ENV office support staff for data entry: Jennifer Ward, Kelli Doeller, Henry Weckesser and Dottie Shank.
- UNLV reprographics and AMS staff
- UNLV ENV 490 Seminar class
- Participants in WM09 session on EM Community Advisory Board



**Department of Energy**  
National Nuclear Security Administration  
Nevada Site Office  
P.O. Box 98518  
Las Vegas, NV 89193-8518



**OCT 29 2009**

Walt Wegst, Chair  
Community Advisory Board for Nevada Test Site Programs  
232 Energy Way  
North Las Vegas, NV 89030

### FORMAL GUIDANCE REGARDING COMMUNITY ADVISORY BOARD (CAB) FOR NEVADA TEST SITE (NTS) PROGRAMS OUTREACH ACTIVITIES

During the last CAB Outreach Committee meeting, the committee questioned why some Environmental Management (EM) Site-Specific Advisory Boards (SSAB) conduct EM outreach activities and other Boards are told that they cannot. The perception of uneven limitations on Boards in this area understandably led to concerns and frustrations of committee members. As a result, the U.S. Department of Energy (DOE) Nevada Site Office (NSO) is providing formal guidance through this letter regarding responsibilities for conducting outreach activities.

There are two types of outreach that appear to need clarification – EM outreach and CAB outreach. The purpose of EM outreach is to promote awareness of DOE EM activities to interested stakeholders. This type of outreach can only be conducted by federal or designated contractor staff. The purpose of CAB outreach is to promote awareness of CAB activities and can be conducted by CAB members, federal staff, and designated contractor employees.

Each U.S. DOE site is responsible for determining and implementing its own outreach strategies. By way of background, the EM Outreach Program at the NSO was developed using a comprehensive outreach strategy based on public interest, proximity of the site to residents, and available budgets. Current outreach activities include the EM Site-Specific Advisory Board (the NTS CAB), Operation Clean Desert learning trio, open houses, educational outreach, public meetings, tours, publications, news releases, displays, a Speaker's Bureau, social media, and websites.

Although CAB members are not approved to conduct NSO EM outreach, they are encouraged to conduct outreach activities that promote awareness of the CAB organization. Examples of possible CAB outreach activities include a CAB-sponsored science fair, creating and marketing a CAB display, presenting the CAB Roadshow to various audiences, creating a CAB newsletter, etc.

The CAB is also encouraged to make recommendations about the site outreach program, and I strongly support focus on the approved work plan items that were selected by the Board for the Outreach Committee:

- Operation Clean Desert Enhancement – make recommendations to the DOE on possible science activities the DOE can conduct to enhance EM Outreach's Operation Clean Desert program

- CAB Outreach Display – develop a CAB outreach display to increase CAB awareness
- Explore possibility of CAB-sponsored Science Fair in conjunction with Beatty schools in 2009/2010 school year
- DOE Public Education – make recommendations to DOE regarding ongoing public education on EM activities

Like all activities of the EM SSAB, the CAB Outreach Committee must work within the confines of the Federal Advisory Committee Act, the EM SSAB Charter, DOE guidance, and its approved work plan.

DOE Headquarters is aware that other Boards are also concerned that outreach responsibilities are not being conducted in the same manner at the various EM SSAB sites. Consequently, HQ staff recently clarified the distinctions between EM and EM SSAB outreach at the DDFO/ Federal Coordinators meeting, which followed the September Chairs' Meeting in Idaho Falls. No EM SSAB members are approved to represent the EM program and its site clean-up activities. CAB outreach is to be directed toward CAB activities at all sites.

I hope this letter clarifies the purpose of the CAB's outreach activities and explains the difference between NSO EM and CAB responsibilities. If you have questions, please contact me at (702) 295-0461 or Kelly Snyder, of my staff, at (702) 295-2836.



Janet L. Appenzeller-Wing  
Deputy Assistant Manager  
for Environmental Management

PSG:5834.KS

cc via e-mail:

Melissa Nielson, DOE/HQ (EM-13)

FORS

Catherine Brennan, DOE/HQ (EM-13)

FORS

D. M. Rupp, NREI, Las Vegas, NV

K. K. Snyder, PSG, NNSA/NSO,

Las Vegas, NV

C. G. Lockwood, PSG, NNSA/NSO,

Las Vegas, NV

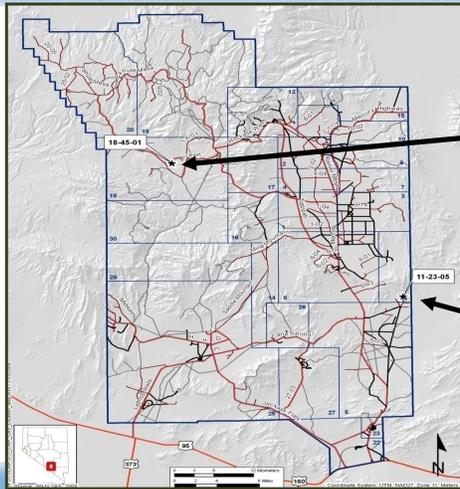
NNSA/NSO Read File

# Soils Committee

## Evaluation of Closure Scenarios Corrective Action Unit 371 Johnnie Boy Crater and Pin Stripe



### CAU 371 Location Map



• Johnnie Boy

• Pin Stripe





## Johnnie Boy Test

- Conducted July 11, 1962
- Yield of 500 tons
- Device detonated two feet below ground surface



## Pin Stripe Test

- Conducted April 25, 1966 at 296 meters below ground surface
- Formation of crater measuring 67 meters in diameter and 4.6 meters deep
- Venting occurred in fissure located within crater area



## Corrective Action Alternatives

- Corrective Action Alternatives (CAAs) identified in the Federal Facility Agreement and Consent Order (FFACO) *(corrective actions must be considered when a dose of greater than 25 mrem is identified)*
  - Closure in place with use restrictions, as necessary
  - Clean closure (removal of contaminants, no use restrictions)
  - No further action
- DOE requests CAB provide recommendation on CAA for CAU 371 by the December 17, 2009



## Corrective Action Alternative Costs

### Closure in Place

< \$200,000

### Clean Closure

~ \$31,600,000



# Closure in Place Exposure Standards

## Industrial Use

**2,250 hours/year  
for 25 years**

(50 hours/ week,  
225 days/year)

## Occasional Use

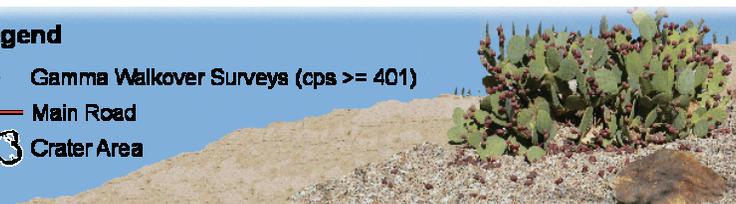
**400 hours/year  
for lifetime**

8 hours/day,  
50 days



### Legend

- Gamma Walkover Surveys (cps  $\geq$  401)
- Main Road
- ☞ Crater Area





Pin Stripe Test Area

**Legend**



- Gamma Walkover Survey (cps  $\geq$  481)
- Existing Fence Line
- ☪ Crater Area

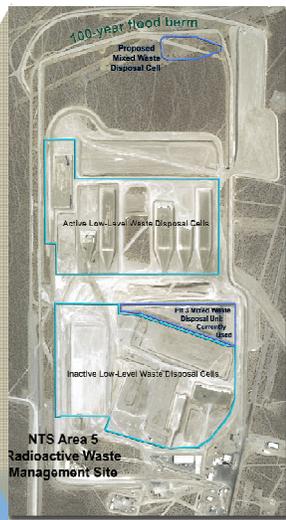


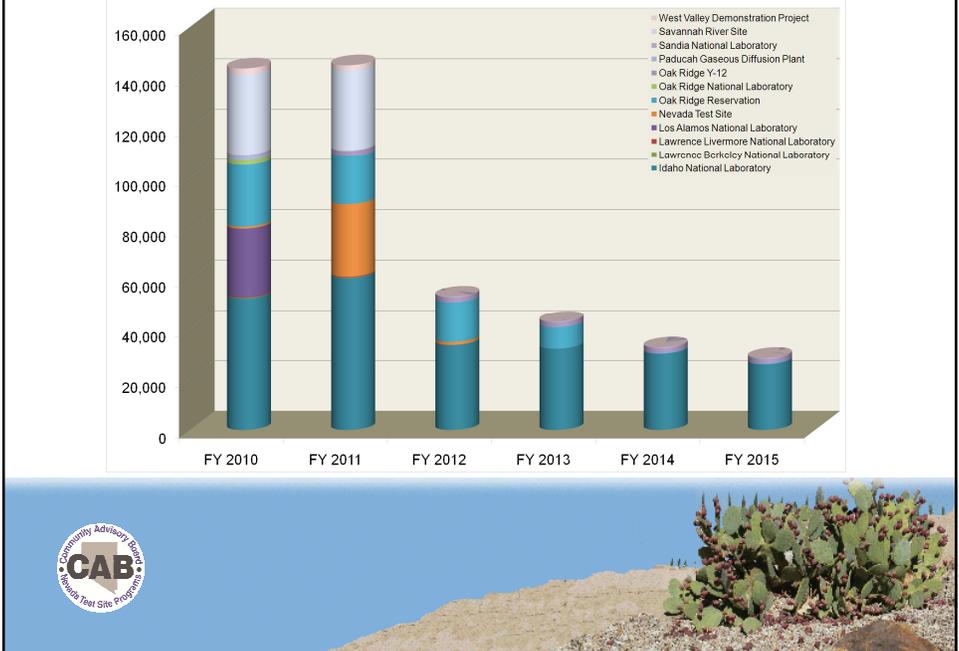
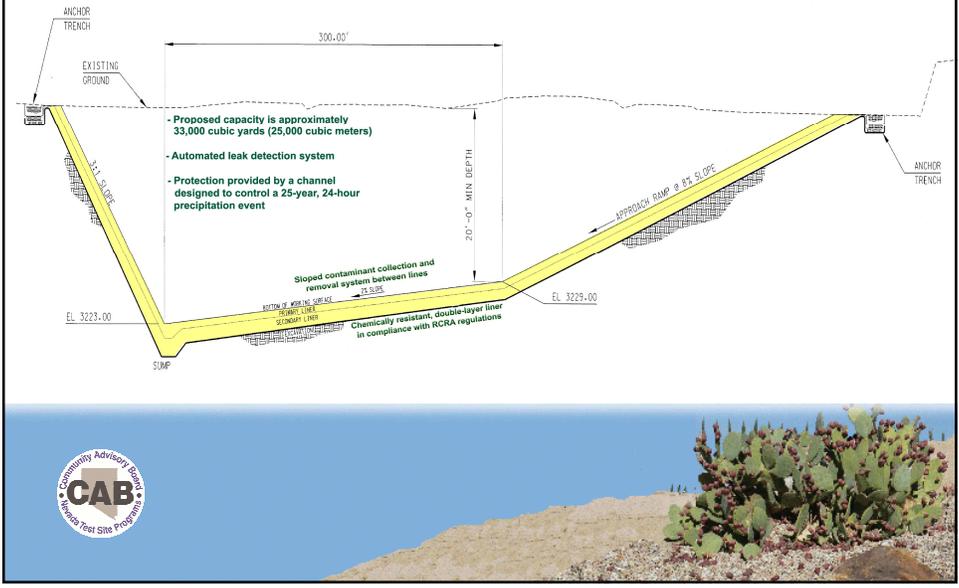
## Soils Committee Proposed Recommendation

- Closure in place using occasional use standards, with approval of State of Nevada Division of Environmental Protection

# Transportation/Waste Committee

## Review of Resource Conservation Recovery Act (RCRA) Permit for Construction and Utilization of New Mixed Low-Level Waste Disposal Cell







# Community Advisory Board for Nevada Test Site Programs

November 18, 2009

Mr. Frank DiSanza  
Waste Management Federal Project Director  
U.S. Department of Energy, Nevada Site Office  
232 Energy Way, M/S 505  
North Las Vegas, NV 89030

RE: Recommendation on RCRA Part B Mixed Low Level Waste Cell Application

Dear Mr. DiSanza,

The Community Advisory Board for the Nevada Test Site Programs (CAB) has reviewed the RCRA Part B Mixed Low Level Waste Cell Application. This new cell will allow the Department of Energy (DOE) complex to continue to transport and safely dispose Mixed Low Level waste on DOE property after the current, interim waste cell at the National Test Site (NTS) ceases operation in December 2010.

The CAB believes this new cell is necessary to provide a safe, long-term solution to the disposal of DOE Mixed Low Level waste. The application itself is comprehensive and detailed.

It is the CAB's recommendation that this application be approved by the State of Nevada in a timely manner to allow for construction and certification of the new cell prior to December 2010.

Please forward this recommendation to those Federal and State of Nevada officials who are involved in the approval process.

Sincerely,

Walt Wegst, Chair  
Community Advisory Board  
for Nevada Test Site Programs

cc: C. Lockwood, NNSA/NSO  
K. Snyder, DOE/DDFO  
D. Rupp, NREI, CAB Administrator  
M. Nielson, DOE/HQ (EM-13) FORS  
C. Brennan, DOE/HQ (EM-13) FORS  
CAB Members and Liaisons  
NSO EM Records

## Members

Walter Wegst, PhD, *CAB Chair*  
Harold Sullivan, *CAB Vice-Chair*  
*Chair, Outreach Committee*

Kathleen Bienenstein, Chair  
*Membership and*  
*Industrial Sites Committees*  
Robert Gatliff, Chair  
*Underground Test Area (UGTA) Committee*  
Robert Johnson, Chair  
*Transportation/Waste Committee*  
John McGrail, Chair  
*Soils Committee*  
Vernell McNeal  
Theodore Oom  
Jackson Ramsey, PhD  
Theodore Schweitzer  
Herbert Spiegel  
James Weeks, Chair  
*Budget Committee*

## Liaisons

Janet Appenzeller-Wing  
*U.S. Department of Energy,*  
*Nevada Site Office*  
Robert Gamble  
*Nye County*  
Tim Murphy, Chief  
*Bureau of Federal Facilities,*  
*State of Nevada Division of*  
*Environmental Protection*  
Genne Nelson  
*U.S. National Park Service*

## Administration

Denise Rupp, Administrator  
*Navarro Research & Engineering, Inc.*  
Kelly Snyder, DDFO  
*U.S. Department of Energy,*  
*Nevada Site Office*

Dr. Inés Triay

Washington, DC

Dear Dr. Triay:

Subject: Inclusion of Option Periods in Department of Energy Request for Proposals

The U. S. Department of Energy (DOE) has awarded numerous contracts in recent years to manage and perform work in an effort to complete environmental cleanup at Environmental Management sites across the DOE complex. These contracts contain a myriad of provisions designed to expediently and efficiently accomplish the work.

Currently, DOE awards prime contracts for a Base Period of Performance, which is typically five years, some with option periods, some without. If an option period is not included, DOE must go through the formal process of bidding each contract when the Base Period of Performance of five years is nearing expiration. New contracts are awarded through Request for Proposals (RFPs).

In the event that a prime contract is awarded to a contractor other than the current contractor, the DOE, the local community, and the workforce endure the transition to another contractor. The rebid process and transition is costly and time consuming, creates significant retraining requirements, can cause delays in cleanup schedules, distracts the workforce which can result in safety issues, and causes economic uncertainty within the local community.

From a business standpoint, the flexibility of option periods to extend contract terms helps cultivate and sustain long-term business relations, and provides needed continuity on complex contracts with steep learning curves, such as DOE's major prime operating contracts. Use of such option periods should specify measurable quality requirements for performance under the contract.

In order to maintain continuity of service and to minimize future impacts on footprint reduction, the EM SSAB recommends the inclusion of option periods in the language of all future DOE Request for Proposals for prime contracts when appropriate.

## **Environmental Management's Monthly Report to the CAB October 2009**

### **Low-Level Waste (LLW)**

#### **Activities (September)**

- The LLW Sub-Project conducted a Radioactive Waste Acceptance Program (RWAP) Certification audit of Los Alamos National Laboratory (LANL) in New Mexico. A Nevada Division of Environmental Protection observer participated on the Audit. The team identified seven observations, and LANL was successful at closing four (4) during the audit. The RWAP Lead Auditor will be working with LANL to close out the remaining observations, which must be closed before the LLW Sub-Project will certify the LANL program. After LANL receives its certification, it will be an approved generator. LANL will then be placed on a regular surveillance/audit verification schedule.
- The LLW Sub-Project participated on a Construction Project Review (CPR) in Oak Ridge, TN. The Project will be down blending highly enriched uranium with depleted uranium for possible disposal at the Nevada Test Site. The Sub-Project's assignment on the review was to ensure that the down blended product would meet the Nevada Test Site's Waste Acceptance Criteria. At this early stage, the LLW Sub-Project provided guidance to help the Down Blending Project move toward its goal.
- As of September 27, 2009, the cumulative LLW volume received for FY 2009 is 1,153,787 ft<sup>3</sup> in 1,334 shipments. The cumulative mixed low-level waste (MLLW) volume received for FY 2009 is 72,997 ft<sup>3</sup> in 125 shipments.
- On July 27, 2009, while inspecting equipment at the Area 5 Radioactive Waste Acceptance Complex (RWMC) site, a worker injured his knee. The worker was taken to on-site medical for evaluation of right knee on July 28. Later he was released without work restrictions, asked for a follow-up (scheduled by medical for August 4 and 11), and the case was classified as a first aid injury. After the follow up reevaluations NTS Occupation Medicine schedule a medical examination of his knee at an outside orthopedic center on September 15. That examination resulted in the worker receiving knee surgery on September 23. The surgery changed the initial reporting status from first aid with full work duty to a lost work day and a reportable injury. This is the first lost work day at the Area 5 RMWC since September 9, 2003.

#### **Planned Activities (October)**

- Expect to receive approximately 1,668,187 ft<sup>3</sup> (951,236 ft<sup>3</sup> will be ARRA funded) of LLW and MLLW for disposal in FY 2010.
- Expect to receive approximately 152,000 ft<sup>3</sup> (76,000 ft<sup>3</sup> will be ARRA funded) of LLW and MLLW for disposal during the month.
- During the week of October 19, 2009, the LLW Federal Sub-Project Director will be participating on the Radioactive Waste Federal Review Group meeting at the Savannah River Site. This meeting is to help standardize LLW disposal activities across the nation.
- During the week of October 26, 2009, the LLW Sub-Project will participate in the Fall Generators' Workshop in Albuquerque, NM.
- During the month of October, the LLW Sub-Project will conduct one (1) RWAP impromptu survey of a generator.
- The Sub-Project will conduct one (1) RWAP audit Battelle Energy Alliance in Idaho on the week of October 19, 2009. The NDEP will observe the audit.

### **Underground Test Area (UGTA)**

#### **Activities (September)**

- Frenchman Flat
  - Completed support to FY 2009 fracture analysis task and other geologic databases.
- Pahute Mesa
  - Completed construction of the ER-20-8 #2 well at a total depth of 2,338 feet on September 2. (Funded by the American Reinvestment and Recovery Act of 2009)
  - Tritium was seen in discrete sections of the Benham Aquifer. Highest activity seen was 142,000 pCi/L.
  - Completed mobilization to the ER-EC-11 well site on September 8 and began drilling the main hole on September 12, set 20 inch surface casing at 1,656 feet and currently drilling below 2,200 feet.
  - Completed the draft Well Completion Report for Well ER-20-7 and distributed copies for review.
  - Completed fracture analysis of image logs from wells ER-20-7 and ER-20-8 for incorporation into the Characterization Contractor's fracture database.
  - Completed the Phase II Transport document.
- Yucca Flat
  - Completed FY 2009 support to the Phase I flow and transport modeling.
- Rainier Mesa/Shoshone Mountain
  - Completed FY 2009 support to the Phase I flow and transport modeling.
  - Completed evaluation of the geometry of imbricate thrust faults beneath Rainier Mesa.
  - Completed compiling information about water seeps in Rainier Mesa tunnels.

#### Planned Activities (October)

- Frenchman Flat
  - Begin FY 2010 support to the monitoring well network, model documentation and the peer review.
- Pahute Mesa
  - Complete construction of the ER-EC-11 well and demobilize drilling and related equipment.
  - Begin well development, testing and characterization sampling of the ER-20-8 #2 well.
  - Begin construction of the access road, drill pad and sumps at the ER-EC-12 site.
  - Review and resolve comments and issue the final Well Completion Report for ER-20-7; continue working on the Well Completion Reports for ER-20-8, ER-20-8 #2 and ER-EC-11.
  - Begin support of modeling and documentation, and hydrogeology analysis and evaluation.
- Yucca Flat
  - Begin FY 2010 support to transport modeling and model documentation.
- Rainier Mesa/Shoshone Mountain
  - Begin FY 2010 support of flow and transport modeling efforts.
  - Begin evaluation of water seep data compilation from Rainier Mesa.

#### **Industrial Sites:**

##### Activities (September)

- Corrective Action Unit (CAU) 91, Area 3 U-3fi Injection Well
  - Performed Post-Closure Inspection
- CAU 92, Area 6 Decon Pond Facility
  - Performed Post-Closure Inspection
- CAU 110, Area 3 Waste Management Disposal U-3ax/bl Crater
  - Performed Post-Closure Inspection and subsidence survey
- CAU 112, Area 23 Hazardous Waste Trenches
  - Performed Post-Closure Inspection

- CAU 113, Area 25 R-MAD Facility
  - Performed housekeeping activities (Funded by the American Reinvestment and Recovery Act of 2009)
- CAU 114, Area 25 EMAD Facility
  - Disposed of low-level waste
- CAU 117, Area 26 Pluto Disassembly Facility
  - Began housekeeping activities (Funded by the American Reinvestment and Recovery Act of 2009)
- CAU 166, Storage Yards and Contaminated Materials
  - Submitted Final Closure Report (CR) to NDEP
  - Received approval from NDEP for Final CR
- CAU 408, Bomblet Target Area (Tonopah Test Range)
  - Performed field remediation activities (Funded by the American Reinvestment and Recovery Act of 2009)
  - Performed Waste Management activities (Funded by the American Reinvestment and Recovery Act of 2009)
- CAU 562, Waste Systems
  - Performed field remediation activities
  - Performed Waste Management activities
- CAU 563, Septic Systems
  - Began field remediation activities

#### Planned Activities (October)

- CAU 113, Area 25 R-MAD Facility
  - Begin site setup activities (Funded by the American Reinvestment and Recovery Act of 2009)
- CAU 117, Area 26 Pluto Disassembly Facility
  - Complete housekeeping activities (Funded by the American Reinvestment and Recovery Act of 2009)
- CAU 408, Bomblet Target Area (Tonopah Test Range)
  - Submit Final Streamlines Approach for Environmental Restoration Plan Rev. 1 to NDEP (Funded by the American Reinvestment and Recovery Act of 2009)
  - Continue field remediation activities (Funded by the American Reinvestment and Recovery Act of 2009)
- CAU 563, Septic Systems
  - Complete field remediation activities

#### **Soils:**

##### Activities (September)

- CAU 367, Area 10 Sedan, Ess and Uncle Unit Craters
  - Conducted Data Quality Objectives (DQO) Meeting (Funded by the American Reinvestment and Recovery Act of 2009)

##### Planned Activities (October)

- CAU 372, Area 20 Cabriolet/Palanquin Unit Craters
  - Perform field remediation activities
- CAU 374, Area 20 Unit Schooner Crater
  - Conduct DQO Meeting (Funded by the American Reinvestment and Recovery Act of 2009)
- CAU 375, Area 30 Buggy Unit Craters

- Conduct DQO Meeting (Funded by the American Reinvestment and Recovery Act of 2009)
- CAU 411, Double Tracks Plutonium Dispersion (Nellis)
  - Conduct fence repair
- CAU 412, Clean Slate I Plutonium Dispersion (TTR)
  - Conduct fence repair
- CAU 413, Clean Slate II Plutonium Dispersion (TTR)
  - Conduct fence repair
- CAU 414, Clean Slate III Plutonium Dispersion (TTR)
  - Conduct fence repair

## **Public Involvement**

### **Activities (September)**

- Thirty-one (31) members of the public (including four representing media) attended the Open House in Pahrump on September 2, 2009 regarding the Nevada Site Office submittal of a Resource Conservation and Recovery Act (RCRA) permit application for the construction and operation of a new mixed low-level waste disposal cell.
- The Nevada Site Office hosted several public scoping meetings regarding the development of a new Nevada Test Site Site-Wide Environmental Impact Statement (SWEIS). These open house style meetings provided the public an opportunity to present comments, ask questions, and discuss issues with Nevada Site Office representatives regarding the SWEIS. Approximately 35 members of the public attended the two meetings held in Las Vegas on September 10 and a total of 45 attended the meetings held in Pahrump, Tonopah, and St. George on September 14, 16, and 18, respectively.
- The Operation Clean Desert (OCD) learning trio (display, activity book, and computer game) and the poster displays for Waste Management, Transportation, and Groundwater were promoted during the Clark County School District K-12 Social Studies Colloquium at Hyde Park Middle School on Thursday afternoon, September 24, 2009. During the hour-long event, 17 teachers were provided grade-tailored packets with options to include: Operation Clean Desert brochure, activity book, computer game, and lesson plan with worksheet; brochures on the poster displays; list of potentially applicable social studies objectives; maps of the Nevada Test Site, and; Public Outreach brochure with information on Speakers Bureau and available publications.
- Fifty (50) copies of the OCD activity book and computer game were provided to the Nye County Nuclear Waste Repository Project Office along with five (5) copies of the OCD brochure for distribution at the visitor center.
- One (1) OCD teacher packet (activity book, computer game, lesson plan, and brochure), the Public Outreach brochure, and the Environmental Management brochure were provided to the Northern New Mexico Community Advisory Board
- One (1) OCD teacher packet (activity book, computer game, and brochure) was provided to the Speech Therapist at Cartwright Elementary School in Las Vegas, NV.
- Supported the Community Advisory Board for Nevada Test Site Programs activities.

### **Planned Activities (October)**

- Environmental Management Public Involvement will be hosting a session/briefing on *Nevada Test Site Activities and Operation Clean Desert* at the Clark County School District Fall New Teacher Conference on October 24<sup>th</sup>. It is anticipated that 35 teachers will participate in the session which requires pre-registration.
- Support the Community Advisory Board for Nevada Test Site Programs activities.

## **Environmental Management's Monthly Report to the CAB November 2009**

### **Low-Level Waste (LLW)**

#### **Activities (October)**

- As of October 29, 2009, the cumulative LLW volume received for FY 2010 is 87,291 ft<sup>3</sup> in 161 shipments. The cumulative mixed low-level waste (MLLW) volume received for FY 2010 is 4,415 ft<sup>3</sup> in 7 shipments. LLW Operations has worked 6,260 hours since its last lost-time accident (September 2009).
- During the month of October, the LLW Sub-Project conduct one (1) Radioactive Waste Acceptance Program (RWAP) impromptu survey on Materials & Energy Corporation in Berkley, CA, and one (1) RWAP audit of Battelle Energy Alliance in Idaho.
- During the week of October 19, 2009, the LLW Sub-Project participated on the Radioactive Waste Federal Review Group meeting at the Savannah River Site, to discuss standardize LLW disposal activities across the nation.
- During the week of October 26, 2009, the LLW Sub-Project participated in the Fall Generators' Workshop in Albuquerque, NM.
- On October 21, 2009, the CAB Transportation/Waste Committee was briefed on the RCRA Part B Application.
- A Pre-Proposal Conference was conducted on October 28, 2009, with potential sub-contractors for the Mixed Waste Disposal Unit design/build contract.

#### **Planned Activities (November)**

- Expect to receive approximately 130,000 ft<sup>3</sup> of LLW and MLLW for disposal during the month.
- During the month November, the LLW Sub-Project plans to conduct four (4) RWAP Impromptu Surveillances.

### **Underground Test Area (UGTA)**

#### **Activities (October)**

- Frenchman Flat
  - Began FY 2010 work on the peer review process.
- Pahute Mesa
  - Completed construction of the Well ER-EC-11; demobilized drilling and related equipment.
- Yucca Flat
  - Began FY 2010 transport modeling and model documentation.
- Rainier Mesa/Shoshone Mountain
  - Began FY 2010 flow and transport modeling efforts.

#### **Planned Activities (November)**

- Frenchman Flat
  - Continue model documentation and the peer review.
- Pahute Mesa
  - Field stake, and conduct initial land surveys of access roads and drill pad areas and conduct ecological surveys for well sites ER-EC-15 and ER-20-9.
  - Begin construction of access road, drill pad and sumps for the ER-EC-12 well.
  - Begin well development, testing and sampling activities of Well ER-20-8 #2.
- Yucca Flat
  - Continue transport modeling and model documentation.

- Rainier Mesa/Shoshone Mountain
  - Continue flow and transport, modeling efforts.

## **Industrial Sites**

### **Activities (October)**

- Corrective Action Unit (CAU) 113, Area 25 R-MAD Facility
  - Began site setup activities
  - Completed investigation activities
- CAU 117, Area 26 Pluto Disassembly Facility
  - Completed housekeeping activities
  - Continued field remediation activities
- CAU 408, Bomblet Target Area (Tonopah Test Range)
  - Completed investigation/excavation of 25 anomalies identified as potential disposal pits
- CAU 539, Waste Sites
  - Completed preliminary investigation activities
- CAU 547, Miscellaneous Contaminated Waste Sites
  - Performed investigation activities
- CAU 563, Septic Systems
  - Completed field remediation activities

### **Planned Activities (November)**

- CAU 113, Area 25 R-MAD Facility
  - Perform field remediation activities
  - Complete site setup activities
- CAU 117, Area 26 Pluto Disassembly Facility
  - Perform site setup activities
- CAU 408, Bomblet Target Area (Tonopah Test Range)
  - Continue field remediation activities
- CAU 560, Septic Systems
  - Perform field remediation activities
- CAU 562, Waste Systems
  - Perform Decision II soil sampling

## **Soils**

### **Activities (October)**

- Corrective Action Unit (CAU) 372, Area 20 Cabriolet/Palanquin Unit Craters
  - Performed field remediation activities
  - Performed aerial radiological surveys
- CAU 374, Area 20 Unit Schooner Crater
  - Conducted Data Quality Objectives (DQO) Meeting

### **Planned Activities (November)**

- CAU 367, Area 10 Sedan, Ess and Uncle Unit Craters
  - Perform aerial radiological surveys
- CAU 371, Johnnie Boy Crater and Pin Stripe
  - Conduct Corrective Action Alternative Meeting
- CAU 372, Area 20 Cabriolet/Palanquin Unit Craters
  - Perform field remediation activities
- CAU 375, Area 30 Buggy Unit Craters

- Conduct DQO Meeting
- CAU 411, Double Tracks Plutonium Dispersion (Nellis)
  - Begin fence repair
- CAU 412, Clean Slate I Plutonium Dispersion (Tonopah Test Range)
  - Begin fence repair
- CAU 413, Clean Slate II Plutonium Dispersion (Tonopah Test Range)
  - Begin fence repair
- CAU 414, Clean Slate III Plutonium Dispersion (Tonopah Test Range)
  - Begin fence repair

## **Public Involvement**

### **Activities (October)**

- 150 Operation Clean Desert (OCD) packets (brochure, activity book, computer game, science-based lesson plan, applicable social studies objectives, and worksheet) and the Public Involvement brochure were provided to the Clark County School District Community Partnership Program for distribution during the Equity and Diversity New Teacher Event on Friday, October 16, 2009.
- Twenty (20) copies of the OCD activity book and computer game were provided to the UNLV Achievement Center (<http://www.unlv.edu/centers/achievement/>) on October 22, 2009.
- Ten (10) copies of the OCD activity book and computer game were provided to H.O.P.E. Counseling Services ([www.hopecounselingservices.net](http://www.hopecounselingservices.net)) on October 22, 2009.
- Environmental Management Public Involvement presented a briefing on *Nevada Test Site Activities and Operation Clean Desert* at the Clark County School District Fall New Teacher Conference on October 24, 2009. Twenty-one teachers attended the session and were each provided a fact sheet booklet, regional and tour map of the Nevada Test Site, and OCD packet with brochure, activity book, computer game, science-based lesson plan, applicable social studies objectives, and worksheet.
- Support and attend Community Advisory Board for Nevada Test Site Programs meetings

### **Planned Activities (November)**

- Environmental Management Public Involvement will participate in the bimonthly CHOLLA (Connecting Hands: Offering Lifelong Learning Adventures) meeting at the Springs Preserve on November 17, 2009.
- Support and attend Community Advisory Board for Nevada Test Site Programs meetings.

**Public Notification of Corrective Actions**

**October 7, 2009**

**Las Vegas, Nevada**

The Department of Energy (DOE) will not be submitting any Corrective Action Unit (CAU) final Corrective Action Decision Documents (CADDs), CADD/Corrective Action Plans (CAPs), CADD/Closure Reports (CRs), or Streamlined Approach for Environmental Restoration (SAFER) Work Plans, proposing closure-in-place to the Nevada Division of Environmental Protection (NDEP), during the next 60 days.

**Southern Nevada Public Reading Facility**

**c/o Nuclear Testing Archive**

**775 East Flamingo Road**

**Las Vegas, NV 89119**

**Northern Nevada Public Reading Facility**

**Nevada State Library and Archives**

**100 N. Stewart Street**

**Carson City, NV 89701-4285**

The following is a list of all documents submitted to the Public Reading Facilities during September 2009. Attached are the Executive Summary or Purpose and Scope from each document listed below.

<b>CAU Number</b>	<b>CAU Description</b>	<b>Document</b>
166	Storage Yard and Contaminated Materials	CR
111	Area 5 WMD Retired Mixed Waste Pits	CADD/CAP
114	Area 25 EMAD Facility	SAFER Plan

## Executive Summary for CAU 166 CR

Corrective Action Unit (CAU) 166 is identified in the Federal Facility Agreement and Consent Order (FFACO) as "Storage Yards and Contaminated Materials" and consists of the following seven Corrective Action Sites (CASs), located in Areas 2, 3, 5, and 18 of the Nevada Test Site:

- CAS 02-42-01, Condo Release Storage Yd - North
- CAS 02-42-02, Condo Release Storage Yd - South
- CAS 02-99-10, D-38 Storage Area
- CAS 03-42-01, Conditional Release Storage Yard
- CAS 05-19-02, Contaminated Soil and Drum
- CAS 18-01-01, Aboveground Storage Tank
- CAS 18-99-03, Wax Piles/Oil Stain

Closure activities were conducted from March to July 2009 according to the FFACO (1996, as amended February 2008) and the Corrective Action Plan for CAU 166 (U.S. Department of Energy, National Nuclear Security Administration Nevada Site Office, 2007b). The corrective action alternatives included No Further Action and Clean Closure. Closure activities are summarized in Table 1.

**TABLE 1. SUMMARY OF CORRECTIVE ACTION UNIT 166 CLOSURE ACTIVITIES**

CAS	CAS NAME	CLOSURE METHOD	COC	CLOSURE ACTIVITIES
02-42-01	Cond. Release Storage Yd - North	No Further Action	None	None
02-42-02	Cond. Release Storage Yd - South	No Further Action	None	None
02-99-10	D-38 Storage Area	Clean Closure	Lead and arsenic	<ul style="list-style-type: none"> <li>• Lead shot and DU were removed for disposal.</li> </ul>
03-42-01	Conditional Release Storage Yard	Clean Closure	Lead and Am-241	<ul style="list-style-type: none"> <li>• Soil impacted with lead and Am-241 was removed for disposal.</li> <li>• Verification samples were collected.</li> <li>• As a BMP, asbestos tile was removed from a portable building, oil was drained from accumulators, and the portable building, accumulators, gas cylinders, and associated debris were removed for disposal.</li> </ul>
05-19-02	Contaminated Soil and Drum	No Further Action	None	<ul style="list-style-type: none"> <li>• As a BMP, an empty drum was removed for disposal.</li> </ul>
18-01-01	Aboveground Storage Tank	Clean Closure	Lead	<ul style="list-style-type: none"> <li>• Lead-impacted liquid was removed for disposal.</li> <li>• Lead shot and wax embedded with lead shot were removed for disposal.</li> <li>• As a BMP, wax and non-impacted liquid were removed for disposal, and two metal containers were grouted in place.</li> </ul>
18-99-03	Wax Piles/Oil Stain	No Further Action	None	<ul style="list-style-type: none"> <li>• As a BMP, wax was removed for disposal, and one metal container was grouted in place.</li> </ul>

Am: americium  
 BMP: best management practice  
 CAS: Corrective Action Site  
 COC: contaminant of concern  
 DU: depleted uranium

## Executive Summary for CAU 111 CADD/CAP

This Corrective Action Decision Document/Corrective Action Plan (CADD/CAP) has been prepared for the 92-Acre Area, the southeast quadrant of the Radioactive Waste Management Site, located in Area 5 of the Nevada Test Site (NTS). The 92-Acre Area includes Corrective Action Unit (CAU) 111, “Area 5 WMD Retired Mixed Waste Pits.”

Data Quality Objectives (DQOs) were developed for the 92-Acre Area, which includes CAU 111. The result of the DQO process was that the 92-Acre Area is sufficiently characterized to provide the input data necessary to evaluate corrective action alternatives (CAAs) without the collection of additional data. The DQOs are included as Appendix A of this document.

This CADD/CAP identifies and provides the rationale for the recommended CAA for the 92-Acre Area, provides the plan for implementing the CAA, and details the post-closure plan.

When approved, this CADD/CAP will supersede the existing Pit 3 (P03) Closure Plan, which was developed in accordance with Title 40 Code of Federal Regulations (CFR) Part 265, “Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities.” This document will also serve as the Closure Plan and the Post-Closure Plan, which are required by 40 CFR 265, for the 92-Acre Area. After closure activities are complete, a request for the modification of the *Resource Conservation and Recovery Act* Permit that governs waste management activities at the NTS will be submitted to the Nevada Division of Environmental Protection to incorporate the requirements for post-closure monitoring.

Four CAAs, ranging from No Further Action to Clean Closure, were evaluated for the 92-Acre Area. The CAAs were evaluated on technical merit focusing on performance, reliability, feasibility, safety, and cost. Based on the evaluation of the data used to develop the conceptual site model; a review of past, current, and future operations at the site; and the detailed and comparative analysis of the potential CAAs, Closure in Place with Administrative Controls is the preferred CAA for the 92-Acre Area.

Closure activities will include the following:

- Constructing an engineered evapotranspiration cover over the 92-Acre Area
- Installing use restriction (UR) warning signs, concrete monuments, and subsidence survey monuments
- Establishing vegetation on the cover
- Implementing a UR
- Implementing post-closure inspections and monitoring

The Closure in Place with Administrative Controls alternative meets all requirements for the technical components evaluated, fulfills all applicable federal and state regulations for closure of the site, and will minimize potential future exposure pathways to the buried waste at the site.

This Streamlined Approach for Environmental Restoration (SAFER) Plan addresses the actions needed to achieve closure for Corrective Action Unit (CAU) 114, Area 25 EMAD Facility, identified in the *Federal Facility Agreement and Consent Order* (FFACO). Corrective Action Unit 114 comprises the following corrective action sites (CASs) located in Area 25 of the Nevada Test Site:

- 25-41-03, EMAD Facility
- 25-99-20, EMAD Facility Exterior Releases

This plan provides the methodology for field activities needed to gather the necessary information for closing each CAS. There is sufficient information and process knowledge from historical documentation and investigations of similar sites regarding the expected nature and extent of potential contaminants to recommend closure of CAU 114 using the SAFER process. Additional information will be obtained by conducting a field investigation before selecting the appropriate corrective action for each CAS. It is anticipated that the results of the field investigation and implementation of a corrective action of clean closure will support a defensible recommendation that no further corrective action is necessary. If it is determined that complete clean closure cannot be accomplished during the SAFER, then a hold point will have been reached and the Nevada Division of Environmental Protection (NDEP) will be consulted to determine whether the remaining contamination will be closed under the alternative corrective action of closure in place. This will be presented in a closure report that will be prepared and submitted to NDEP for review and approval.

The sites will be investigated based on the data quality objectives (DQOs) developed on April 30, 2009, by representatives of NDEP; U.S. Department of Energy (DOE), National Nuclear Security Administration Nevada Site Office; Stoller-Navarro Joint Venture; and National Security Technologies, LLC. The DQO process was used to identify and define the type, amount, and quality of data needed to determine and implement appropriate corrective actions for each CAS in CAU 114. The following text summarizes the SAFER activities that will support the closure of CAU 114:

- Perform site preparation activities (e.g., utilities clearances, radiological surveys).
- Collect environmental samples from designated target populations (e.g., stained soil) to confirm or disprove the presence of contaminants of concern (COCs) as necessary to supplement existing information.
- Collect samples of materials to determine whether potential source material (PSM) is present that may cause the future release of a COC to environmental media.
- If no COCs or PSMs are present at a CAS, establish no further action as the corrective action.
- If COCs exist, collect environmental samples from designated target populations (e.g., clean soil adjacent to contaminated soil) and submit for laboratory analyses to define the extent of COC contamination.
- If a COC or PSM is present at a CAS, either:
  - Establish clean closure as the corrective action. The material to be remediated will be removed, disposed of as waste, and verification samples will be collected from remaining soil, or
  - Establish closure in place as the corrective action and implement the appropriate use restrictions.
- Confirm the selected closure option is sufficient to protect human health and the environment.

This SAFER Plan has been developed in accordance with the FFACO that was agreed to by the State of Nevada; DOE, Environmental Management; U.S. Department of Defense; and DOE, Legacy Management. Under the FFACO, this SAFER Plan will be submitted to NDEP for approval. Fieldwork will be conducted following approval of the plan.

**Public Notification of Corrective Actions**

**November 4, 2009**

**Las Vegas, Nevada**

The Department of Energy (DOE) will not be submitting any Corrective Action Unit (CAU) final Corrective Action Decision Documents (CADDs), CADD/Corrective Action Plans (CAPs), CADD/Closure Reports (CRs), or Streamlined Approach for Environmental Restoration (SAFER) Work Plans, proposing closure-in-place to the Nevada Division of Environmental Protection (NDEP), during the next 60 days.

**Southern Nevada Public Reading Facility**

**c/o Nuclear Testing Archive**

**775 East Flamingo Road**

**Las Vegas, NV 89119**

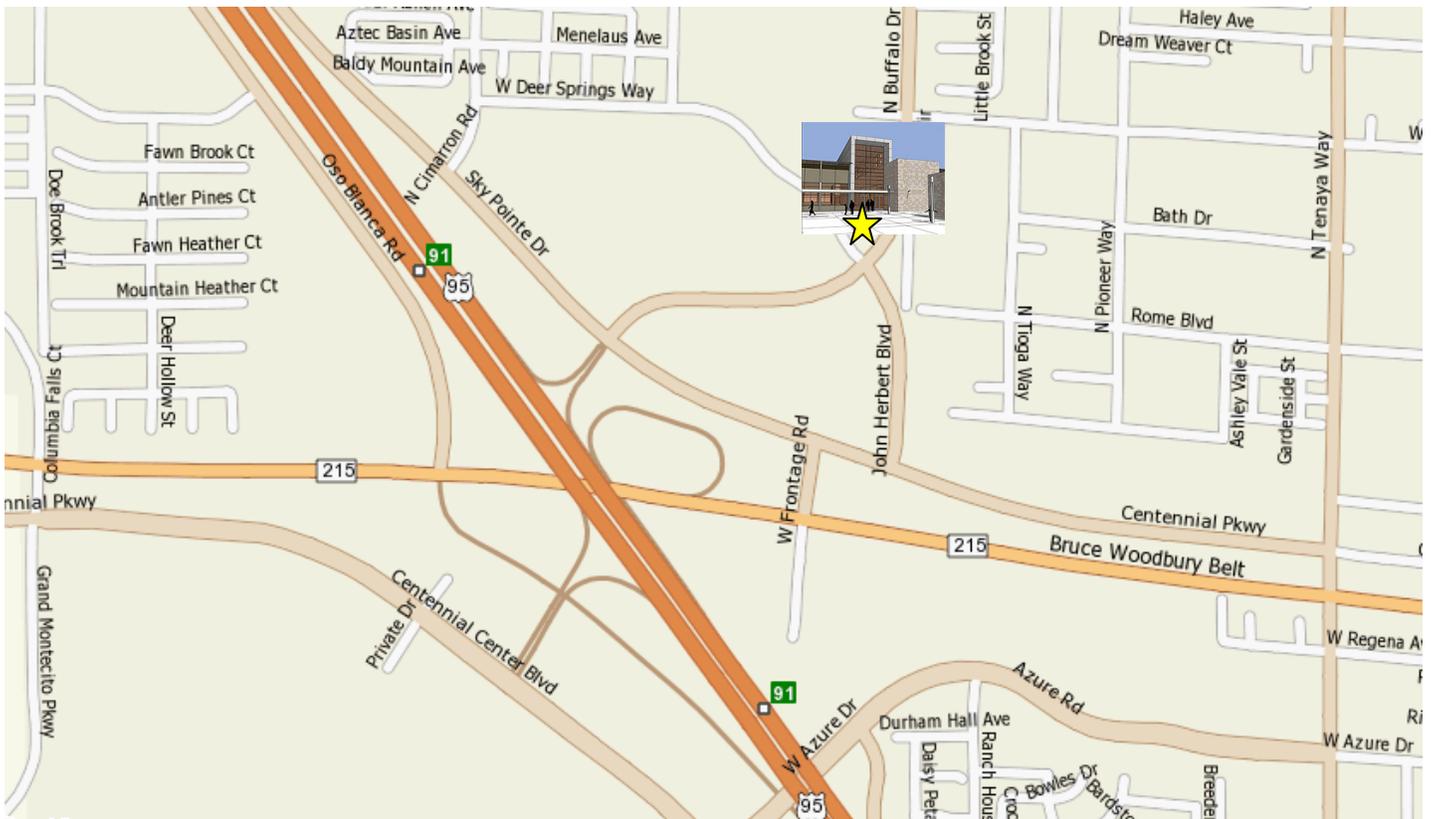
**Northern Nevada Public Reading Facility**

**Nevada State Library and Archives**

**100 N. Stewart Street**

**Carson City, NV 89701-4285**

No documents were submitted to the Public Reading Facilities during October 2009.



**From the South ...**

Take US-95 North  
 Exit 91 (the CR-215 exit)  
 Keep LEFT at the fork in the ramp  
 Merge onto North Buffalo Drive  
 Turn left onto Deer Springs Way  
 The library will be on the right

**From the North ...**

Take US-95 South  
 Exit 93 – Durango Drive  
 Turn RIGHT on North Durango  
 Turn LEFT on Elkhorn Road  
 Turn RIGHT onto North Buffalo Drive  
 Turn right onto Deer Springs Way  
 The library will be on the right

**From the West via the 215 ...**

Take CR-215 East  
 Turn LEFT at W. Frontage Road  
 (just after you cross US-95 – you'll see Target on the left from the 215)  
 Turn RIGHT at Centennial Pkwy/Sky Pointe Drive (stop sign)  
 Turn LEFT onto John Herbert Blvd. which turns into Deer Springs Way after crossing Buffalo Drive  
 The library is on the corner of Deer Springs Way and North Buffalo Drive

**From the East via the 215 ...**

Take CR-215 West  
 Turn RIGHT at W. Frontage Road  
 (you'll see Target on the right from the 215)  
 Turn RIGHT at Centennial Pkwy/Sky Pointe Drive (stop sign)  
 Turn LEFT onto John Herbert Blvd. which turns into Deer Springs Way after crossing Buffalo Drive  
 The library is on the corner of Deer Springs Way and North Buffalo Drive

**NOTE:** *Mapquest directions aren't always the most reliable, but I think these are okay*



## FY 2010 Meeting Schedule

### Full Board

*(5:00 p.m. 2nd Wednesday, odd months)*

November 18, 2009	Frank Rogers Auditorium, 755 East Flamingo Road, Las Vegas, NV
December 16, 2009	Centennial Hills Library, 6711 North Buffalo Drive, Las Vegas, NV
January 13, 2010	Frank Rogers Auditorium, 755 East Flamingo Road, Las Vegas, NV
March 10, 2010	TBD
May 12, 2010	Frank Rogers Auditorium, 755 East Flamingo Road, Las Vegas, NV
July 14, 2010	Frank Rogers Auditorium, 755 East Flamingo Road, Las Vegas, NV
September 1, 2010	Frank Rogers Auditorium, 755 East Flamingo Road, Las Vegas, NV

### Executive Committee

*(4:00 p.m. 2nd Wednesday, odd months)*

November 18, 2009	Frank Rogers Auditorium, 755 East Flamingo Road, Las Vegas, NV
December 16, 2009	Centennial Hills Library, 6711 North Buffalo Drive, Las Vegas, NV
January 13, 2010	Frank Rogers Auditorium, 755 East Flamingo Road, Las Vegas, NV
March 10, 2010	TBD
May 12, 2010	Frank Rogers Auditorium, 755 East Flamingo Road, Las Vegas, NV
July 14, 2010	Frank Rogers Auditorium, 755 East Flamingo Road, Las Vegas, NV
September 1, 2010	Frank Rogers Auditorium, 755 East Flamingo Road, Las Vegas, NV

### Industrial Sites Committee

*(as required)*

October 1, 2009	Nevada Test Site
November 3, 2009	Summerlin Library, 1711 Inner Circle Drive, Las Vegas, NV
December 1, 2009	Summerlin Library, 1711 Inner Circle Drive, Las Vegas, NV

### Membership Committee

*(as required)*

November 3, 2009	Summerlin Library, 1711 Inner Circle Drive, Las Vegas, NV
November 4, 2009	Sahara West Library, 9600 West Sahara Avenue, Las Vegas, NV
November 10, 2009	Frank Rogers Auditorium, 755 East Flamingo Road, Las Vegas, NV
November 18, 2009	Frank Rogers Auditorium, 755 East Flamingo Road, Las Vegas, NV

### Outreach Committee

*(3:00 p.m. 2nd Wednesday, even months)*

November 10, 2009	Frank Rogers Auditorium, 755 East Flamingo Road, Las Vegas, NV
December 9, 2009	cancelled by committee
February 10, 2010	TBD
April 14, 2010	TBD
June 9, 2010	TBD
August 11, 2010	TBD

*(continued...)*

**Soils Committee***(as required)*

November 9, 2009	Nevada Support Facility, 232 Energy Way, North Las Vegas, NV
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**Transportation/Waste Committee***(2:30 p.m. 3rd Wednesday, even months)*

October 21, 2009	Nevada Support Facility, 232 Energy Way, North Las Vegas, NV
February 17, 2010	Sahara West Library, 9600 West Sahara Avenue, Las Vegas, NV
April 21, 2010	Sahara West Library, 9600 West Sahara Avenue, Las Vegas, NV
June 16, 2010	Sahara West Library, 9600 West Sahara Avenue, Las Vegas, NV
August 18, 2010	TBD

**UGTA Committee***(2:00 p.m. 2nd Tuesday, even months)*

December 8, 2009	Nevada Support Facility, 232 Energy Way, North Las Vegas, NV
February 9, 2010	Sahara West Library, 9600 West Sahara Avenue, Las Vegas, NV
April 13, 2010	Sahara West Library, 9600 West Sahara Avenue, Las Vegas, NV
June 8, 2010	Sahara West Library, 9600 West Sahara Avenue, Las Vegas, NV
August 10, 2010	Sahara West Library, 9600 West Sahara Avenue, Las Vegas, NV



## FY 2010 Work Plan

<i>(numbers reflect priority)</i>	<b>Task</b>	<b>Committee Assignment</b>	<b>Completion Date</b>
1	Corrective Action Unit (CAU) 114 Engine Maintenance, Assembly, and Disassembly Facility (EMAD) – evaluate possible clean up scenarios DOE is considering and make recommendation regarding path forward for remediation site	Industrial Sites	Dec-09
2	2 Locomotive and 4 Train Cars used in DOE activities at the Nevada Test Site – review possible use/disposal	Industrial Sites	Mar-10
3	New Mixed Low-Level Waste Disposal Cell – provide recommendation during State of Nevada public comment period regarding CAB’s stance on Resource Conservation Recovery Act (RCRA) Permit for construction and utilization of new MLLW disposal cell	Transportation/ Waste	Dec-09
4	FY 2012 Budget – provide recommendation regarding the CAB’s FY 2012 sub-project funding prioritization	Budget	Mar-10
5	UGTA Approach for Lower Risk CAUs – year-long education opportunity in anticipation of future FY recommendation exploring possibility of moving from modeling to monitoring approach	UGTA	n/a
6	Pahute Mesa Drilling Campaign Wells – evaluate DOE’s potential uses for offsite UGTA wells and provide recommendation regarding path forward	UGTA	Mar-10
7	Membership Recruitment – recruit, interview and recommend potential Board members	Membership	Jan-10
8	Waste Volumes and Transportation - research and analyze waste volume moving along waste transportation routes as well as alternative reporting of shipments and make recommendations	Transportation/ Waste	TBD

<i>(numbers reflect priority)</i>	<b>Task</b>	<b>Committee Assignment</b>	<b>Completion Date</b>
9	Groundwater Models – review and make recommendations regarding DOE’s updated groundwater model flow paths	UGTA	Mar-10
10	CAU 372, Area 20 Cabriole/Palanquin Unit Craters – evaluate possible closure scenarios DOE is considering and make recommendation regarding path forward for closing the site	Soils	Jan-10
11	Groundwater Wells Completion Reports – review and make recommendations on completion reports for ER-20-7, ER-20-8, ER-20-8#2, and all FY 2010 wells	UGTA	TBD
12	Operation Clean Desert Enhancement – explore and make recommendations on possible science activities to enhance EM Outreach’s Operation Clean Desert program	Outreach	TBD
13	CAB Outreach Display – Develop a CAB outreach display to increase CAB awareness	Outreach	May-10
14	CAU 371, Johnnie Boy Crater and Pin Stripe – evaluate possible closure scenarios DOE is considering and make recommendation regarding path forward for closing the site	Soils	Dec-09
15	Explore possibility of CAB-sponsored science Fair in conjunction with Beatty schools in 2009/2010 school year	Outreach	May-09
16	DOE Public Education – make recommendations to DOE regarding ongoing public education of test site activities/history	Outreach	ongoing
17	Low-Level Waste Sub-Project Funding Cut – provide recommendation regarding ~\$17 million cut in funding since FY 2009	Budget	Mar-10
18	DOE Land Withdrawal – review and make recommendation regarding DOE’s withdrawal in response to land-use issues raised by the State of Nevada Attorney General	Transportation/ Waste	TBD