

**MEMO**

**TO:** All FCAB Members  
**FROM:** Doug Sarno  
**DATE:** 7/10/2000  
**RE:** 7/15 Meeting

Enclosed are a series of background materials for Saturday's meeting. Because we have a very full agenda, it would be helpful if everyone would review the materials ahead of time.

Thanks and see you all on Saturday.



## FULL BOARD MEETING AGENDA Large Laboratory Conference Room

Saturday, July 15, 2000

- 8:30 a.m. Call to Order
- 8:30 – 8:55 a.m. Chair's Remarks and Announcements
- FCAB retreat
  - Move to monthly full Board meetings
- 8:55 – 9:15 a.m. SSAB Common Interest Statements
- 9:15 – 9:45 a.m. Discussion of 2001 Budget and Impacts on Remediation Schedule
- 9:45 – 10:00 a.m. Site Traffic Study
- 10:00 – 10:15 a.m. Break
- 10:15 – 11:00 a.m. Native American Reinterments
- 11:00 – 11:45 a.m. Future of Fernald Vision and Next Steps
- Vision Statement
  - Representatives to workshops
  - Dates for Future of Fernald and Stewardship Comm.
  - Presentation at Cincinnati workshop
- 11:45 – 12:00 p.m. Public Comment
- 12:00 p.m. Adjourn and Lunch

**Stakeholder Vision for the Future of Fernald, Draft 7/6/00  
Recommended for Approval from the Stewardship Committee**

**A Stakeholder Vision for the Future of Fernald**

Fernald Stakeholders envision a Future for the Fernald property that creates a regional destination for educating this and future generations about the rich and varied history of Fernald. We envision a community resource that serves the ongoing information needs of area residents, hands-on ecological education needs of local academic institutions, and a final resting place for Native American remains. We envision a safe, secure, and accessible site, integrated with the surrounding community, that effectively controls all residual contamination and fully maintains all aspects of the ecological restoration.

**Achieving the Vision**

We believe that this vision can only be achieved through cooperation among all stakeholders and by recognizing the need to incorporate planning and implementation of future uses with on-site remediation. To achieve this Vision, we would like to see the following elements implemented on the Fernald Site:

- Adequate property to provide reinterment of Native American remains in a setting that recognizes the spiritual nature of this activity.
- Controlled access to the ecologically restored areas of the site through a series of marked and annotated trails that can be used for hands-on learning and discovery of indigenous plants and animals.
- Development of an on-property educational center that provides for the following:
  - A complete history of the Fernald area beginning with the first Native American residents continuing through the cold war years when the Fernald site produced feed materials for America's nuclear weapons arsenal, and culminating with the current efforts of site remediation and ecological restoration.
  - Museum quality displays and related educational programming on the role of Fernald in the cold war and the many impacts of the production of feed materials for nuclear weapons on the lives of area residents and Fernald site workers, as well as the broader social and cultural impacts on the surrounding community.
  - Museum quality displays and related educational programming on the history of Native Americans in the Fernald region
  - Permanent housing of the public reading room containing copies of the public record of Fernald production and remediation activities and Fernald Living History materials
  - Classrooms and auditorium space
  - Environmental research and groundwater education facilities
  - Access to real-time environmental monitoring results
  - Detailed descriptions and displays on the Fernald environmental remediation process and results

**FCAB Recommendation on Native American Reinterment, Draft 7/6/00  
Recommended for Approval from the Stewardship Committee**

As part of its overall recommendations on the Future of Fernald, the Fernald Citizens Advisory Board strongly recommends that the Fernald site provide the necessary lands and support to create a center for the reinterment of Native American remains. The FCAB has long supported this activity and believes that all possible action must now be taken to bring this about. Due to a number of factors, the DOE needs to begin the implementation of this activity by the end of 2000 to ensure that it can be achieved. Site remediation is at a point which makes it possible to develop this reinterment area on available property west of Paddys Run. Sufficient property needs to be made available immediately and the management and policy structure put into place to enable this activity to move forward.

The FCAB believes that the reinterment of Native American remains is consistent and compatible with all other future uses under consideration for the Fernald site. Further, the FCAB will not be making any other recommendations for use of the site area west of Paddys run that would be inconsistent with the reinterment of Native American remains. The FCAB recommends that a detailed plan be developed to identify specific locations for burials and the associated infrastructure to make this an area that accommodates and is attractive to visitors, reflects the spiritual and respectful nature of these burials, and connects this area with future activities on the main portion of the Fernald site. The FCAB expects that the DOE conduct these activities in consultation with tribal organizations.

**Draft Statement of the SSAB Chairs**  
**For discussion and possible endorsement by the FCAB**

**WHO WE ARE.** The Department of Energy Site-Specific Advisory Boards (SSAB) are composed of interested and affected stakeholders who are concerned about environmental cleanup, stabilization, and disposition of radioactive and hazardous materials and wastes at the Department of Energy's (DOE) nuclear weapons and research facilities. The SSAB is chartered under the Federal Advisory Committee Act (FACA) as an outgrowth of the Federal Facility Environmental Restoration Dialogue to provide independent policy and technical advice.

**WHAT WE DO.** We provide an opportunity for open, informed, and inclusive discussion about proposed actions and decisions with DOE, EPA, state regulators, stakeholder, and the general public. Our goal is to provide timely, informed policy and technical advice and recommendations to DOE, EPA, State regulatory agencies, or other entities, on issues relating to cleanup, environmental restoration, closure, stewardship, nuclear material disposition, and hazardous and nuclear waste management decisions.

**WHAT WE EXPECT.** We expect DOE and state and federal regulators will support and encourage effective public involvement in cleanup, environmental restoration, closure, stewardship, nuclear material disposition, and hazardous and nuclear waste management decisions. DOE will seek advice from the public and provide opportunities for public involvement, locally when the decision affects one site, and nationally when the decision affects more than one site.

We expect timely, understandable, and relevant information will be provided to enable the SSAB to make informed recommendations and advice. We expect DOE and the regulators will continue to value the importance and benefit of continued public involvement, will respond substantively and promptly, and will give utmost consideration to environmental justice in its decision making. We expect DOE will honor Tribal treaties and conduct government to government consultation.

We expect DOE will submit budgets that meet legal requirements, reduce current and future risks, and are in accord with values and needs of local communities. We expect that DOE will protect the public, workers and the environment.

- We are committed to informed and meaningful public, Tribal and stakeholder involvement in the decision-making process and policy development related to cleanup, environmental restoration and stewardship of DOE sites.
- We believe public and worker safety and health and the protection and remediation of the natural environment should drive cleanup and stabilization decisions and policy.

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- Cleanup decisions should be based upon consideration of:
    - a full assessment of human health and environmental risks;
    - a full evaluation of all life cycle costs;
    - full compliance with all legal requirements;
    - scientific and technical considerations; and
    - community desires.
  - Cleanup/closure/stewardship and nuclear materials management decisions should ensure the health and safety of future generations and protection of the natural environment.
  - It is imperative that the Federal government commit to providing adequate funding for the proper cleanup and long term stewardship of DOE nuclear weapons production and research facilities.
  - Complex-wide coordination and the full integration of all sites is critical in the planning of stabilization, cleanup and transportation activities.

**TRAFFIC STUDY FOR  
POTENTIAL ACCELERATED CLOSURE OF THE NORTH ENTRANCE ROAD  
EXECUTIVE SUMMARY AND PROPOSED PATH FORWARD**

As we have previously discussed with interested stakeholders, FEMP commissioned Parsons I&T Group, Inc., to perform a traffic study to evaluate the impacts of the potential accelerated closure of the North Entrance Road (NER). Closure of the NER is currently being considered in early Fiscal Year (FY) 2002 to allow construction of Cell 5 in the On-Site Disposal Facility (OSDF) footprint. Cell 5 lies in the path of the current NER. The original project plans called for the construction of a new southern section of the NER that would bypass all future OSDF construction areas and remain in operation until project completion in FY2006. However, accelerating closure of the NER coupled with foregoing construction of the new southern section merited investigation due to the potential cost avoidance associated with design, construction and future removal of a new southern section of the road. The approach and results of this study are presented in the attached report, which along with the proposed path forward are summarized below.

Five intersections were evaluated in this study including:

- State Route 126 at the NER
- Willey Road at the South Access Road
- State Route 128 at Willey Road
- FEMP Main Gate at South Access Road
- FEMP East Parking Lot Gate at NER

Current weekday traffic counts were obtained from these intersections during the week of April 24, 2000. Based on the actual traffic counts obtained, the peak hours for traffic were determined to be 6:45 am to 7:45 am, 11:00 am to 12:00 pm, and 4:15 to 5:15 pm.

The current peak hour volumes were then used to establish a Level of Service (LOS) which characterizes the conditions within a traffic stream and their perception by motorists. LOS is widely used by state transportation departments in determining a range of operating conditions which are given designations of A to F representing the best to worst conditions respectively.

This traffic study projected the intersection LOSs based on the NER closure in FY2002 and the corresponding site population of the FEMP. The FY2002 site population is projected to be 2,250, which is also expected to be the highest level through the remainder of FEMP remediation. When the NER is closed, all non-construction traffic is assumed to enter the FEMP site using Willey Road to the South Access Road.

During the afternoon peak hour (4:15 pm to 5:15 pm), the intersection of State Route 128 and Willey Road exhibited a LOS designation of F for both the existing site population FY2000 (2,000 site people) and FY2002 (2,250 site people). This assessment was based

on no improvements such as a traffic signal and/or right turn lane addition. However, the LOS improved to B and D respectively for FY2000 and FY2002 with the addition of traffic signals.

The LOS for State Route 128 and Willey Road remained at F for FY2000 and FY2002 with the addition of a right turn lane only, but was improved in terms of likely delays experienced by motorists.

It is important to note that a reduction in delay time at State Route 128 is likely when alternate FEMP egress routes are taken during the peak afternoon hour. This was proven true in 1997 when alternate routes were recommended to team members during construction of Phase I of the NER which helped reduce delay time at State Route 128.

Beginning in FY2002, construction traffic for delivery of materials for cell construction including the cell cap will enter and exit the site via the NER at State Route 126. If the NER remains a primary access and egress route, traffic congestion and safety would need to be addressed during this heavy construction period; however, the study found that if this access could be dedicated for construction only traffic, minimum impacts to traffic would be expected.

The proposed path forward recommended in the traffic study to improve traffic operation and safety for both existing and future conditions is as follows:

- Install a right turn lane on Willey Road at State Route 128 in FY2001 according to the Ohio Department of Transportation and Hamilton County recommendations and standards;
- Improve pavement markings on State Route 128 at Willey Road to accommodate left turning movements, especially during the AM peak hour;
- Improve pavement markings for South Access Road at Willey Road for left and right turn lanes following the construction of the right turn lane;
- Close and not replace the NER. This would eliminate Phase II of the NER design, construction, and future removal which would realize a potential cost avoidance of over \$2 million; and
- Delay closure of the NER from FY2002 until FY2003 or FY2004 based on the most recent Cell 5 construction schedule.

Prior to closing the NER we will also re-evaluate the following additional activities in FY2003 or FY2004 based on actual site population:

- Installation of a traffic signal at Willey Road and State Route 128; and
- Use of off-duty police officers at South Access Road and Willey Road, and Willey Road and State Route 128 during peak traffic periods.

Outside the scope of work for the traffic study by Parsons I&T Group, Inc., is the question of emergency vehicles traveling from the NER to State Route 126. The preliminary plan is to begin using the existing Haul Road on the west side of the Former Production Area in FY2002 as an alternate access to the "Old" NER to provide access to State Route 126. This proposed routing should result in approximately the same travel time. However, the logistics of using this new route for emergency vehicles will be further developed prior to closing the NER.

DOE-FEMP will seek input from stakeholders including elected officials in Crosby, Ross and Morgan townships regarding the proposed accelerated closure of the NER before making the final decision.

EMSSAB Stewardship Workshop  
Preliminary Discussion Draft Agenda

**Wednesday, October 25**

- 8:00 – 2:00 p.m. Rocky Flats Tour 1
- 11:00 – 5:00 p.m. Rocky Flats Tour 2
- 5:30 – 7:00 p.m. Kick-off Meeting: The purpose of this meeting will be to build a bridge from the first Stewardship Workshop held in Oak Ridge last fall. The goal will be to bring all the participants up to speed on what happened at the last workshop. (Who should the presenters be? How much time should be given for presentation and how much time for Q&A?)
- 7:00 – 9:00 p.m. Welcoming Reception

**Thursday, October 26**

- 7:00 – 8:00 Continental Breakfast Available
- 8:00 – 8:30 Opening Remarks: RFCAB Chair, RFCAB Stewardship Workshop Planning Committee Chair, DOE Site Manager, DOE HQ official (?)
- 8:30 – 10:00 Presentation by DOE HQ Representatives: Focus will be on DOE HQ activities related to Stewardship and DOE's response to the Next Steps outlined from the first Stewardship Workshop.
- 10:00 – 11:30 Reaction to DOE's presentation
- 11:30 – 12:00 BREAK and Pick-up Box lunch
- 12:00 – 2:45 Working Lunch: Site Specific Presentations: Each site will have fifteen minutes to give a presentation on stewardship activities and issues from their perspective. The actual presentations should be as brief and focused as possible to allow questions from the audience.
- 2:45 – 3:00 BREAK and time to move to core topic breakout rooms.
- 3:00 – 5:00 Core Topic Breakout Discussions: Core topic groups will discuss information from DOE and site specific presentations and develop statements for consideration by the full group.
- 5:00 Adjourn for day
- 6:15 Bus departs hotel for the Fort restaurant.

**Friday, October 27**

- 7:00 – 8:00 Continental Breakfast
- 8:00 – 10:30 Plenary Session: Reports from Core Topic Breakout Groups: Each group will have 30 minutes to present and discuss with the group their initial statements or findings. (assuming a maximum of five core topic groups)
- 10:30 – 10:45 BREAK and time to assemble in breakout rooms.
- 10:45 – 11:30 Site-Specific Breakout Sessions: Each of the delegations will meet to discuss the statements developed by the core topic breakout groups.
- 11:30 – 1:00 Lunch – on your own
- 1:00 – 2:30 Core Topic Breakout Sessions: The groups will refine their statements based on input from the plenary group and site specific conversations.
- 2:30 – 2:45 BREAK and time to reassemble in plenary room
- 2:45 – 4:00 Final Plenary Discussion of Core Topic Statements: Each core topic breakout group will present its final statements for consideration by the full group.
- 4:00 – 4:30 Workshop wrap-up and evaluation
- 4:30 Adjourn

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# Long-Term Stewardship Workshop

## Registration Form

Please complete and send us the form below along with your payment.

Name: \_\_\_\_\_

Company/ Organization Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Check box if interested in attending baseball game.

Registration	\$50
Luncheon	\$25
Field Trip	\$10
Total amount enclosed	\$ _____

Send the completed form to  
**MACTEC-ERS**  
 Long-Term Stewardship Workshop  
 Attention: Michelle Smith  
 2597 B<sup>3</sup>/<sub>4</sub> Road, Grand Junction, CO 81503

Registration confirmation and additional information about the workshop will be sent upon receipt of your registration form.



# Long-Term Stewardship Workshop

## Who Should Attend?

State and Tribal representatives, site licensees, State regulators, city and county governments, international experts, U.S. Nuclear Regulatory Commission, U.S. Environmental Protection Agency, U.S. Department of Defense, DOE, DOE contractor personnel, and other stakeholders involved in long-term stewardship of remediated facilities are invited to participate.

## Check Us Out!

Updated information and an agenda for the Long-Term Stewardship Workshop are available on the DOE-GJO website at [www.doegjpo.com/programs/ltsm](http://www.doegjpo.com/programs/ltsm) or the DOE Headquarters website at <http://lts.apps.em.doe.gov>.

## For More Information

Michelle Smith, MACTEC-ERS, (970) 248-6583  
 E-mail: [msmith@doegjpo.com](mailto:msmith@doegjpo.com)  
 or  
 Wendee Ryan, WASTREN, Inc., (970) 248-6765  
 E-mail: [wryan@doegjpo.com](mailto:wryan@doegjpo.com)  
 U.S. Department of Energy  
 Grand Junction Office  
 2597 B<sup>3</sup>/<sub>4</sub> Road, Grand Junction, CO 81503  
 Fax: (970) 248-6040



U.S. Department of Energy  
 Albuquerque Operations Office  
 Grand Junction Office  
 Grand Junction, Colorado

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# Long-Term Stewardship Workshop

August 7-10, 2000

Adam's Mark  
Denver  
Denver, Colorado



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# Long-Term Stewardship Workshop

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## DOE- GJO Long-Term Stewardship Workshop

The U.S. Department of Energy (DOE) Grand Junction Office (GJO) cordially invites you to attend a Long-Term Stewardship Workshop to be held August 7-10, 2000, in Denver, Colorado. Both technical topics and management issues will be discussed during this workshop.

Stewardship includes activities necessary to protect human health and the environment from residual materials (nuclear and chemical) following cleanup.

## Workshop Topics and Activities

Workshop registration will be held from 9 a.m. to 1 p.m. on August 7. The first session will begin at 1 p.m. on August 7 and the sessions will continue until 4:30 p.m. on August 9. An optional field trip to the Rocky Mountain Arsenal is planned for the morning of Thursday, August 10.

Scheduled sessions will include presentations and panel discussions on the following topics:

- Long-term stewardship program issues
- Post-closure planning
- Information management
- DOE stewardship policy
- Institutional controls
- Stakeholder perspectives
- Science and technology issues related to stewardship
- UMTRCA Title II and other sites

A luncheon with a distinguished keynote speaker on stewardship will be held on Tuesday, August 8.

Participants will have the opportunity to see the Colorado Rockies versus the Pittsburgh Pirates at Coors Baseball Field on Tuesday evening, August 8.

## Workshop Fees

Fees for the 2000 Long-Term Stewardship Workshop are as follows:

Registration	\$50
Luncheon	\$25
Field trip	\$10

Pre-payment of the fees is requested. Payment should be made by check payable to MACTEC-ERS (Tax ID #84-1312615). To register, complete the attached registration form and mail it along with payment to

MACTEC-ERS  
Long-Term Stewardship Workshop  
Attention: Michelle Smith  
2597 B $\frac{3}{4}$  Road, Grand Junction, CO 81503

## Hotel Information

Adam's Mark Denver  
1550 Court Place, Denver, CO 80202  
Telephone: (303) 893-3333  
Fax: (303) 626-2543  
Reservations: 1-800-444-Adam (2326)  
Website: [www.adamsmark.com/denver/](http://www.adamsmark.com/denver/)

Participants attending this workshop are responsible for their own hotel reservations and travel arrangements. For hotel reservations call 1-800-444-Adam (2326) and identify yourself as a participant in the **DOE Long-Term Stewardship Workshop**.

A limited number of rooms at the government rate of \$83 for single or \$98 for double occupancy are available on a first-come, first-served basis.

These rates will be available until July 6. Participants are encouraged to stay at the Adam's Mark Denver to increase the chance of receiving the government rate.

Round-trip airport shuttle service is available for \$30. Parking in the hotel garage is \$12 per day. The hotel is adjacent to the 16th Street shopping mall and within 15 minutes of Coors Field.