



3171 FCAB UPDATE

Week of July 31, 2000

(Last update was dated June 19, 2000)

MEETING SCHEDULE

DOE MONTHLY MEETING

Tuesday, September 12, 2000, 6:30 p.m.

Services Building Conference Room

FCAB STEWARDSHIP COMMITTEE MEETING

Thursday, September 14, 2000, 6:30 p.m.

Large Laboratory Conference Room

FCAB RETREAT

Saturday, September 16, 2000, 8:00 a.m.

LOCATION TO BE ANNOUNCED

3RD FUTURE OF FERNALD WORKSHOP

Tuesday, September 26, 2000, 6:30 p.m.

Crosby Senior Center Hall

ATTACHMENTS

- 3rd Future of Fernald Workshop Sheet
- September Calendar
- First Draft Stakeholder Vision For the Future of Fernald
- Recommendation on Closure of the North Entrance Road
- Recommendation on Native American Reinterment
- 3/18/00 FCAB Board Minutes
- 6/14/00 Stewardship Committee Summary
- 6/15/00 Remediation Committee Summary
- News Clippings

NEWS and ANNOUNCEMENTS

- Please note all the important meetings in September on the Calendar in this package. Hope to see you at those meetings. Have a great August!

FOR FURTHER INFORMATION

Please contact Doug Sarno, Phoenix Environmental

Phone: 513-648-6478 or 703-971-0058 Fax: 513-648-3629 or 703-971-0006

E-Mail: DJSarno@theperspectivesgroup.com

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September

FCAB PUBLIC MEETINGS/WORKSHOPS

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Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4 Morgan Twp. Mtg. 7:30 p.m., Civic Center	5 CRO mtg. (tentative) 6:30 p.m., Ross H.S.	6 Reily Twp. Mtg. 7:00 p.m.	7 Ross Twp. Mtg. 7:00 p.m.	8	9
10	11 Crosby Twp. Mtg. 7:30 p.m., Civic Center	12 DOE Monthly Progress Briefing 6:30 p.m., Services Building Conference Room	13	14 FCAB Stewardship Committee Mtg. 6:30 p.m., Large Conference Room	15	16 FCAB RETREAT (Location TBD)
17	18 Morgan Twp. Mtg. 7:30 p.m., Civic Center	19 RAMA 7:00 p.m., Provident Bank	20 Reily Twp. Mtg. 7:00 p.m.	21 Ross Twp. Mtg. 7:00 p.m.	22	23
24	25 Crosby Twp. Mtg. 7:30 p.m., Civic Center	26 3rd Future of Fernald Workshop 6:30 p.m., Crosby Senior Center	27	28 FRESH Mtg. 7:30 p.m., Venice Presbyterian	29	30

Stewardship Technology Conference

2000

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Come to the 3rd Future of Fernald Workshop

THE FUTURE
OF FERNALD



The End is Just the Beginning

Tuesday

September 26, 2000

6:30 p.m. to 8:30 p.m.

Crosby Senior Center, 8910 Willey Road

Since the U.S. Government bought 1050 acres of farmland off Willey Road in Fernald, Ohio in 1951, this property has been a symbol of the Cold War effort. For nearly 40 years, the site produced uranium metals for nuclear weapons, in the process polluting the soil and water throughout the property. For the last decade, the U.S. Department of Energy (DOE) has been working to remediate this pollution and is fast approaching the point where the property can be used by the Fernald community for some public good.

On September 26, 2000 a Future of Fernald Workshop is being sponsored by four citizens groups working to bring about the safe remediation of Fernald and a positive future for area residents.

The Future of Fernald Workshops were designed to provide citizens a direct voice in determining the public activities that will be developed on the Fernald site following the remediation. The first workshop was held in April of 1999 to introduce future public use issues to the Fernald community. The second workshop was held in May of 2000 to provide a variety of dialogues to identify those potential future activities at Fernald that are most appealing to the Fernald community. Now we are heading onto our 3rd Future of Fernald Workshop.

On May 24, 2000 the 2nd Future of Fernald Workshop was held. In that workshop, we set up five different breakout groups. The five topics were: Environmental Education, Cold War, Fernald History, Native American Burials, Education, Recreation, and Community Development. The breakout groups were arranged in a manner that allowed each individual to attend 2 group sessions, lasting 30 minutes. In these breakout groups there were three questions that each individual could express their ideas or opinions on. The questions were: What are the things you would most like to see as possible community assets at this site? What are the things you would definitely not want to see at the site? Where should long-term support come from, and who should be involved? After the breakout groups were completed, we then gathered all the information from the different groups and created a quick report and a vision statement. This vision statement was created to give DOE an idea of what the stakeholders want Fernald to be after restoration and remediation. The vision statement included some items that the stakeholders would like to see and that will help achieve the vision they have in mind. The vision statement was brought forth at the July 15, 2000 FCAB meeting, and was approved by the FCAB board members. With this vision in mind, please come and join us at the 3rd Future of Fernald Workshop!



FUTURE OF FERNALD

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A STAKEHOLDER VISION FOR THE FUTURE OF FERNALD, FIRST DRAFT

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, 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.





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Chair
James C. Bierer

Vice Chair
Thomas E. Wagner

Members
Sandy Butterfield
Marvin W. Clawson
Lisa Crawford
Louis Doll
Pamela Durn
Jane Harper
Michael Keyes
Kenneth A. Moore
Robert G. Tabor
Fawn Thompson
Gene E. Willeke

Ex Officio Members
L. French Bell
Jack Craig
Gene Jablonowski
Graham Mitchell

Support Staff
Phoenix Environmental
Douglas J. Sarno
Crystal M. Sarno
703-971-0030
703-971-0006 Fax
PhnxEnvir@aol.com

July 15, 2000

Jack Craig
Fernald Environmental Management Project
U.S. Department of Energy
P.O. Box 538705
Cincinnati, OH 45253-8705

Dear Mr. Craig:

Some time ago, you requested that the FCAB provide you with detailed recommendations regarding stakeholder desires for the Future of the Fernald site. As you know, the FCAB has been sponsoring a detailed program of community involvement to develop a common vision for the future of Fernald and detailed recommendations for on-site activities. As we are nearing the end of that process, the FCAB has approved a draft version of the Stakeholder vision for the Future of Fernald. This vision will be discussed at a community workshop on September 26, 2000 as part of the final activities for the development of the detailed recommendations you requested.

The FCAB looks forward to completing this visioning process and working with DOE to identify the appropriate parties and resources to bring the community's vision about.

Thank you.

Sincerely,

James Bierer
Chair

Cc: FCAB Members
Martha Crossland, EM-22
SSAB Chairs
Susan Brechbill, DOE-Ohio

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A STAKEHOLDER VISION FOR THE FUTURE OF FERNALD, FIRST DRAFT

Approved by the Fernald FCAB on July 15, 2000

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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, 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.

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 - 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.

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July 15, 2000

Chair
James C. Bierer

Vice Chair
Thomas E. Wagner

Members
Sandy Butterfield
Marvin W. Clawson
Lisa Crawford
Louis Doll
Pamela Dunn
Jane Harper
Michael Keyes
Kenneth A. Moore
Robert G. Tabor
Fawn Thompson
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Jack Craig
Fernald Environmental Management Project
U.S. Department of Energy
P.O. Box 538705
Cincinnati, OH 45253-8705

Dear Mr. Craig:

Enclosed find please the Fernald Citizens Advisory Board Recommendation #00-2, entitled Recommendation on the Closure of the North Entrance Road. Because of the FCAB's ongoing involvement and knowledge of this decision, formal feedback to this recommendation is not required, through we would like to have periodic updates regarding the progress of activities to improve safety on Willey Road.

If you have any questions or concerns, or would like to discuss this matter further, please contact me at 513-863-1251.

Thank you.

Sincerely,

James Bierer
Chair

Cc: FCAB Members
Ohio Department of Transportation
Martha Crossland, EM-22
SSAB Chairs
Susan Brechbill, DOE-Ohio

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RECOMMENDATION #00-2

RECOMMENDATION ON CLOSURE OF THE NORTH ENTRANCE ROAD

July 15, 2000

Presented to: Jack Craig, DOE Fernald

Source of Recommendation:

- Full Board
- Remediation Committee
- Stewardship Committee
- Steering Committee

Type of Recommendation:

- Initial
- Follow-on to Recommendation

Response Requested by: N/A

Recommendation:

The FCAB has reviewed the *Traffic Study for Potential Accelerated Closure of the North Entrance Road* at the Department of Energy's Fernald Environmental Management Project. The FCAB endorses the overall conclusion of that study to close the North Entrance Road at such time when that property is needed for continued expansion of the On Site Disposal Facility (OSDF). We recommend that DOE manage the OSDF project to allow the North Entrance Road to remain open as long as feasible, but agree the cost savings outweigh the inconvenience that will result from this closure.

The FCAB is extremely concerned about the overall level of safety on area roadways, and the impact of the increased traffic that will result on Willey Road intersections upon closure of the North Entrance Road. The FCAB recommends that the specific activities outlined in the Traffic Study be implemented as soon as possible to remedy the impacted intersections, as these intersections already receive very poor level of service ratings at peak hours. The specific activities that the FCAB endorses include the following:

- Install a right turn lane on Willey Road at State Route 128 in Fiscal Year 2001 according to 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 on South Access Road at Willey Road for left and right turn lanes following the construction of the right turn lane;
- Begin planning for access to emergency vehicles on the haul road through the Fernald site once the North Entrance Road is closed.

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July 15, 2000

Chair
James C. Bierer

Vice Chair
Thomas E. Wagner

Members
Sandy Butterfield
Marvin W. Clawson
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Jack Craig
Fernald Environmental Management Project
U.S. Department of Energy
P.O. Box 538705
Cincinnati, OH 45253-8705

Dear Mr. Craig:

Enclosed please find the Fernald Citizens Advisory Board Recommendation #00-3, entitled Recommendation on Native American Reinterment. We would like to receive an update on activities related to this recommendation no later than December 31, 2000.

If you have any questions or concerns, or you would like to discuss this matter further, please contact me at 513-863-1251.

Thank you.

Sincerely,

James Bierer
Chair

Cc: FCAB Members
Martha Crossland, EM-22
SSAB Chairs
Susan Brechbill, DOE-Ohio

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RECOMMENDATION #00-3

RECOMMENDATION ON NATIVE AMERICAN REINTERMENT

July 15, 2000

Presented to: Jack Craig, DOE Fernald

Source of Recommendation:

- Full Board
- Remediation Committee
- Stewardship Committee
- Steering Committee

Type of Recommendation:

- Initial
- Follow-on to Recommendation

Response Requested by: December 31, 2000

Recommendation:

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 will conduct these activities in consultation with tribal organizations.

Minutes from the March 18, 2000 Meeting

The Fernald Citizens Advisory Board met from 8:30 a.m. until 12:15 p.m. on Saturday, March 18, 2000, in the Large Laboratory Conference Room on the Fernald Site, Hamilton, Ohio. The meeting was advertised in local papers and was open to the public.

Members Present

Jim Bierer
Sandy Butterfield
Marvin Clawson
Jack Craig
Lisa Crawford
Pam Dunn
Ken Moore
Robert Tabor
Fawn Thompson
Thomas Wagner

Members Absent

French Bell (excused)
Lou Doll (excused)
Mike Keyes (excused)
Jane Harper (excused)
Gene Jablonowski (excused)
Graham Mitchell (excused)
Gene Willeke (excused)

Designated Federal Official

Gary Stegner

Phoenix Environmental Staff

Douglas Sarno

Fluor Fernald Staff

Tisha Patton

Approximately 20 spectators also attended the meeting, including members of the public, the media, and representatives from Department of Energy and Fluor Fernald.

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1. Call to Order

Jim Bierer called the meeting to order at 8:30 a.m.

2. Remarks and Announcements

Bierer asked if there were any announcements. He mentioned that Secretary Richardson distributed an e-mail letter regarding the startup of the new Nuclear Security Agency at DOE. Lisa Crawford requested a copy of Richardson's e-mail and a final copy of the report from the committee that was working on this issue.

Susan Brechbill noted that the Ohio Field office is seeking funding from Headquarters to conduct a number of pilot programs for long term stewardship technologies. A needs assessment is being conducted and the plan is to select technologies for funding by mid May. This fall, DOE will conduct a workshop to identify technology and look at new processes and identify where we can go in the future. The technology grant is expected to be about \$250,000.00. This is going to be a cooperative effort between DOE and stakeholders. The Stewardship Committee will be taking an active role. Lisa Crawford requested that Fluor be involved and Susan Brechbill said that Fluor is also involved. Fluor has developed a 1 1/2 page memo of the technologies that they are thinking about. Doug Sarno requested that all available information be presented at the April Stewardship Committee Meeting.

Susan Brechbill announced that Jack Craig's has been promoted to a deputy position in the Ohio Field Office and emphasized that he will continue his role at Fernald.

Bierer discussed the draft RFP for the site management contract and noted that the section for public participation is an appropriate part of RFP. Jack Craig stated that there is not a definitive schedule for RFP, but DOE was hoping for a contract award prior to September. Lisa Crawford asked whether Fluor contract could be extended until after November. Jack Craig said that DOE had no plans to extend the contract at this time. Pam Dunn expressed concern regarding what appeared to be unrealistic schedule milestones in the RFP. Jack Craig noted that the RFP included many incentives for early completion but that the final schedules will be negotiated after the award, based on what is realistic. Jack Craig noted that selection is not based solely on cost. Susan Brechbill recommended that people look at Sections B & M of the RFP to better understand these issues.

3. Report on Recent Meetings

Tom Wagner provided a brief overview of the SSAB Chairs meeting in February in Idaho Falls. The meeting included a great many presentations on DOE activities including the new EM organization and how it will work and a review of the DOE EM budget. The SSAB chairs decided it would be good to come up with a common interest statement and set of common values to help identify common issues among the boards. This will be a statement that the Chairs & Vice Chairs of SSABs will endorse. Ultimate endorsement by the full boards will be up to each individual board. Doug Sarno asked the FCAB if it wanted to spend the time and effort to make this statement of value that

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would be useful by the FCAB. The issues was referred to the Remediation Committee for discussion. Tom Wagner will continue to manage our response.

Doug Sarno and Fawn Thompson discussed the recent meeting of the Transportation External Coordination Working Group Meeting in Las Vegas in February. This meeting was done differently then the previous meeting in Philadelphia. It was conducted entirely using Topic Groups and Fernald was not an official member of any of the Topic Groups. As a result, we spent our time in the audience and not able to participate. Both Doug and Fawn found it to be a frustrating experience and believe that stakeholders need to be a more integral part of this process.

Doug Sarno and Tom Schneider attended a meeting on institutional controls in San Francisco consisting of DOE, DOD, stakeholders and other groups. Overall, it was a very positive meeting. It was learned that in general, the Department of the Interior does not want to take any land with contamination issues. They have gotten stuck with the cleanup bill in previous cases and do not have a sufficient budget. There will be a follow-up meeting in Washington later this summer and it is recommended that the Stewardship Committee send 1 to 2 people to the meeting.

4. 2001 Budget

Jack Craig noted that by September, we should know for sure how much of our budget request we will get. Based on what was sent in the budget proposal, we expect a significant shortfall. This will result in site delays in soil excavation and disposal cell operation, depending on the final funding level. Questions were asked about how this shortfall and a likely future baseline of \$290 million and future inflation will continue to impact the schedule after 2001. Doug Sarno asked how the Defense Closure Fund status was helping the site. Craig noted that DOE was in the process of conducted analyses and should have additional information shortly. The Board asked what actions could take. It was decided that the Remediation Committee would meet in May to discuss the budget impacts on excavation and cells. The Board will draft a Letter to the Ohio delegation to discuss the impact of the 2001 budget and the ability to meet site deadlines for remediation.

5. Silos Decision Update

The U.S. EPA review board met to discuss the Silos 1 and 2 decision. No issues were identified and approval is expected in April. Immediately following approval, a public comment period will begin and public meetings will be held at Fernald and in Nevada.

6. Plans for Public Access Decisions

Doug Sarno discussed the activities that are being planned regarding future public access to the site following remediation. DOE has asked the Stewardship Committee to lead an effort to get broad-based public input on this issue. DOE will hold a roundtable meeting on April 11, 2000 to kick off the process. The goad of the meeting is to get issues on table and figure out how to have a good public meeting in that will be sponsored y the FCAB, FRESH, the CRO, and the Living History Project in May. The CAB was comfortable with their role and with how this process will proceed. Doug

stressed that the CAB will need to help get people there. Lisa noted that a press release and letter needs to be done to get the information out to the public on this meeting. James Bierer suggested the development of a fact sheet to help set the stage for people.

7. Native American Issues

Barbara Crandell of the Native American Alliance of Ohio spoke about their desire to see the Fernald site used for the reburial of Native American remains. She presented a number of depictions of natural areas and pathways that would allow access and reflection. She wants to see this occur in a cooperative manner that does not pit one tribe against another, but gives all ancestors back to mother earth. A number of questions were asked as to why this issue has not been able to move forward. Crandell noted that her tribe is not federally recognized and this was creating some problems. The CAB stated its desire to see this issue move forward and will explore ways to overcome any remaining obstacles.

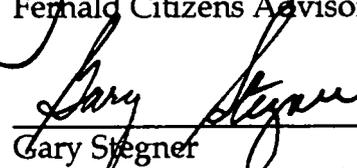
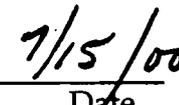
8. Public Comment

Bierer opened the floor to public comment. There was none. Ken Moore recommended that the FCAB consider conducting a retreat as is recommended in the SSAB guidance. It was decided to refer the issue to the steering committee to identify the best timing and format for a retreat.

9. Adjournment

Jim Bierer adjourned the meeting at 12:00 p.m.

I certify that these minutes are an accurate account of the March 18, 2000, meeting of the Fernald Citizens Advisory Board.

 James Bierer, Chair Fernald Citizens Advisory Board	 Date
 Gary Stegner Deputy Designated Federal Official	 Date

Topics

- Environmental Monitoring Update
- Silo 3 Update
- Next Meeting Date

Attendees**Fernald Citizens Advisory Board:**

Lou Doll
Fawn Thompson
Tom Wagner
Gene Willeke

Phoenix Environmental:

Doug Sarno

U.S. Department of Energy:

Nina Akgunduz
Joanne D. Lorence
Kathi Nickel

Flour Fernald:

Jon Byrne
Mark Cherry
John Honer
Valerie Huff
Eric Kroger
Donald Parie
Tisha Patton
Marty Proshaska
Larry Stebbins
Cindy Tabar
Karen Wintz

Meeting Summary**Environmental Monitoring Update**

The Environmental Monitoring 1999 Program Summary document was distributed which covered several different areas: Air Monitoring, Groundwater Monitoring, Surface Water Monitoring, and Natural Resources.

Kathi Nickel of DOE (Department of Energy) provided an overview on the 1999 monitoring results. She noted 4th quarter increases in thorium-230 at fence line monitors near the waste pits. If these elevated concentrations were sustained for the year. It could result in a year 2000 fence line dose of 1.6 MREM or 16% of the total NESHAP limit. The Waste Pits project will be responsible for taking measures to better seal its materials in the building, and will continually wet down materials.

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The Air Monitoring Program performed research in the size fractionation of particulate air emissions. They found that because the dose decreases with increase of particle size, Fernald may overestimate its dose by a factor of seven. Radon monitoring found radon concentrations at the Silos increased in early 1999, before radon levels decreased by approximately 70% after the resealing of the domes in June. Radon levels inside Silos 1 and 2 continued to increase. Property line results were well below the DOE standards as an annual average above background. Direct radiation measurements were also taken. Within the K-95 area, the radiation continues to rise although it is still 61% lower than prebentonite cap, and has only gradually increased at the property line.

Groundwater monitoring noted that two new extraction wells were added to the south field, making 11. Four new monitoring wells and a re-injection demo were also completed. Changes in the south plume suggest extraction wells are accelerating plume movement toward wells, as designed, and that the plume boundary extends farther east than previously identified. Further testing in the plant area identified three individual plumes. The re-injection demonstration found that a reliable source of injection water can be maintained, the acceptable injection rate can be sustained, and there were no negative impacts on aquifer or plume.

The last type of monitoring discussed was natural resource monitoring. They monitored the sediment loading in Paddies Run, and found that the sediment load increased from the northern drainage. This appears to be from the railyard sediment basin, and investigation continues. DOE continues to evaluate threatened and endangered species on site. There is a large population of Slogan's crayfish and one Indiana Brown Bat was captured during the survey. There are also favorable habitats for running buffalo clover and for spring coral root.

Silo 3 Update

Rocky Mountain Remediation Services (RMRS) has made progress on the Silo 3 design. Overall, DOE is pleased with the progress of the Silo 3 design, and the new project manager of RMRS. They are confident that early delays can be overcome. The FCAB will be kept up to date as progress is made. The remote arm installation and operation is still a concern at this time. A conference with the arm manufacturer Framatome provided a lot of useful information, most of which confirmed some of the concerns.

There were some major concerns that included: difficult working conditions; remote arm movement and location limitation; the time requirements to insert and remove the arm; the time requirements to position the arm for waste retrieval and the number of positions that will be required to retrieve the silo waste.

There will not be a Remediation Committee Meeting in July, and there are no FCAB meetings scheduled for August. The next Remediation Meeting will be on **September 14, 2000, 6:30 p.m.** on the large Laboratory Conference Room.

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Topics

- Fernald Long Term Stewardship Technology Project
- Follow Up Discussion to the Future of Fernald Workshop
- Next Meeting Date

Attendees

Fernald Citizens Advisory Board: Marvin Clawson
Pam Dunn
Ken Moore

Phoenix Environmental: Doug Sarno

U.S. Department of Energy: Gary Stegner

Flour Fernald: Tisha Patton
Marty Proshaska
Larry Stebbins
Eric Woods

FRESH: Carol Schroer
Edwa Yocum

Crosby Township Fire Department: Michael Ericson

Ohio Environmental Protection Agency: Jim Coon
Tom Schneider

Journal News: Kris McAllister

Meeting Summary

Fernald Long Term Stewardship Technology Program

Larry Stebbins of the Stewardship Technology Project briefly explained the Technology project. The Stewardship's Technology project is underway to focus on the identity, demonstration, deployment, and installation of technology to assure stakeholders that the site, its facilities, and remedies are secure and performing as designed while reducing the mortgage for the site's long-term stewardship costs. Stakeholders have made the project's management aware of their desire for "real time" automated technologies for monitoring of the On Site Disposal Facility (OSDF). While this project intends to focus on the OSDF, it will also identify, demonstrate, and install technologies for other post closure needs such as Leachate collection and groundwater

8/3/00

6/14/00 Summary Meeting

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monitoring. At the end of year 2001, Fernald will have closed and capped cell one of the OSDF. The objective of this project is to have installed a real-time, automated system for monitoring some aspect of this cell.

The project will seek to identify technologies and integrated systems that have the capability to provide "real time" monitoring to remote locations autonomously. Real time, autonomous function technologies have three key benefits: 1.) future site operators will know if the systems are functioning as designed and if they are not, it will notify them when there may be a problem; 2.) it will give the public, stakeholders, and regulators access to information on performance and conditions of the site and its facilities; 3.) and it will allow DOE to provide a superior level of monitoring and assurance with minimal personnel.

Other post closure needs at Fernald for which technology solutions can be applied and will likely be addressed through this project include: remote, automated monitoring of flora and fauna; automated security/surveillance monitoring; monitoring of the runoff quantity and quality from the site, an automated meteorological station, alternative leachate treatment technology, technology/system for long term data storage and integrity, and technology to extend the life of monitoring wells.

Associated with this project, is the ISTT Team (Integrating Stewardship Technology Team). ISTT is being modeled after the successful Integrating Contractor Team (ICT), which helped lead the Fernald Large Scale Demonstration and Deployment (LSDDP) project. The Overall Team will consist of members from key groups within Fluor Fernald, U.S. Department of Energy (DOE) Fernald, DOE Mound, DOE Headquarters, DOE Grand Junction/Weldon springs, DOE Subsurface Contaminantes Focus Area, University of Cincinnati, Florida International University, Ohio EPA, Fernald Citizens Advisory Board (FCAB), Fernald Residents for Environmental Safety and Health (FRESH), Foster Wheeler, and potentially other groups/organizations. The mission and work of the overall team will be to: provide a comprehensive base of input for defining technology needs, issues and direction; provide a forum for key stakeholders to participate, provide input, guidance, and comment on post closure technology needs and priorities, and provide general oversight to the Post Closure Stewardship Technology Project (PCSTP) project.

The Working Team will consist of a subset of members from the overall team to: define technology needs for post closure at Fernald; define performance objectives for the technologies; define specific post closure needs that would benefit from the technologies; search and screen for applicable technologies; recommend a technology for demonstration; write test plans, demonstration plans, data packages, cost benefit analyses, fact sheets and technology reports; recommend technologies for deployment; provide technical expertise, and provide general and scientific consulting services as needed.

There will be a meeting in September on Post Closure Technology to provide a forum for the Fernald and Mound Post Closure Stewardship Technology Project to capture lessons learned, ideas, strategies for technologies and technology implementation.

Follow Up Discussion to the Future Fernald Workshop

Everyone who attended the workshop thought it was a great experience. While no brand new ideas came about, there was great support from all stakeholders regarding the productive use of the site. Some areas that generated stakeholder support were Native Americans Burials, Environmental Education, Cold War, and Fernald History.

Doug Sarno stated that DOE had asked for feedback that would help them plan for the Future of Fernald. He suggested that the committee needs to come up with a plan to show what they want to see after restoration is completed. He made it clear that DOE will not have the funds nor the power to do some things, but can be a helping hand. It was clear that some things would take a community effort to bring about. The committee needs to be realistic, and find out what's most conducive to the site. The plan needs to be specific about what they want, but not overly detailed.

The next meeting will be July 6, 2000 at 6:30 p.m. At this meeting, the committee will finalize the Vision Statement and Key Site Elements to the Vision Statement.