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**THREATENED AND ENDANGERED SPECIES INFORMATION - (12
LETTERS TO VARIOUS REGULATORY AGENCIES WITH THREATENED
AND ENDANGERED SPECIES INFORMATION PACKAGES)**

08/09/95

C:EC(NRM):95-0023
FERMCO VARIOUS
25
LETTERS



Restoration Management Corporation

P. O. Box 538704 Cincinnati, Ohio 45253-8704 (513) 738-6200

August 9, 1995

Fernald Environmental Management Project
Letter No. C:EC(NRM):95-0023

Ms. Barbara Huss Mazur
Waste Management Division
U.S. EPA, Region V-5HRE-8J
77 W. Jackson Boulevard
Chicago, Illinois 60604-3590

Dear Ms. Huss Mazur:

THREATENED AND ENDANGERED SPECIES INFORMATION

Attached is the letter of concurrence received from the U.S. Environmental Protection Agency for the threatened and endangered species survey reports. I have also included comments received from Ohio Environmental Protection Agency detailing their review of the threatened and endangered species survey reports, resolution of their comments, and the resulting concurrence letter. This information is intended to supplement earlier documentation for the threatened and endangered species survey review from the Ohio Department of Natural Resources and the U.S. Fish and Wildlife Service. If you have any questions, please contact me at (513) 648-5299.

Sincerely,

A handwritten signature in cursive script that reads "Rebecca Bixby".

Rebecca J. Bixby
Technical Program Specialist II

RJB:mld
Attachments

000001



Ms. Barbara Huss Mazur
Letter No. C:EC(NRM):95-0023
Page 2

- c: S. S. Gibson, DOE-MTC, MS45
- T. D. Hagen, FERMCO, MS65-2
- R. V. Holmes, FERMCO, MS3
- J. J. Homer, FERMCO, MS65-2
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- NRM File 4.4.1
- NRM File 4.7.1
- Administrative Record, MS78
- File Record Storage Copy 106.4.11.6



Restoration Management Corporation

P. O. Box 538704 Cincinnati, Ohio 45253-8704 (513) 738-6200

August 9, 1995

Fernald Environmental Management Project
Letter No. C:EC(NRM):95-0023

Mr. Bill Kurey
U.S. Fish & Wildlife Service
6950 American Parkway
Suite H
Reynoldsburg, Ohio 43068-4132

Dear Mr. Kurey:

THREATENED AND ENDANGERED SPECIES INFORMATION

Attached is the letter of concurrence received from the U.S. Environmental Protection Agency for the threatened and endangered species survey reports. I have also included comments received from Ohio Environmental Protection Agency detailing their review of the threatened and endangered species survey reports, resolution of their comments, and the resulting concurrence letter. This information is intended to supplement earlier documentation for the threatened and endangered species survey review from the Ohio Department of Natural Resources and the U.S. Fish and Wildlife Service. If you have any questions, please contact me at (513) 648-5299.

Sincerely,

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Rebecca J. Bixby
Technical Program Specialist II

RJB:mld
Attachments

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Mr. Bill Kurey
Letter No. C:EC(NRM):95-0023
Page 2

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Restoration Management Corporation

P. O. Box 538704 Cincinnati, Ohio 45253-8704 (513) 738-6200

August 9, 1995

Fernald Environmental Management Project
Letter No. C:EC(NRM):95-0023

Mr. Jeff Hurdley, Esq.
Ohio Environmental Protection Agency
Legal Division
1800 Watermark Drive
Columbus, Ohio 43216-3669

Dear Mr. Hurdley:

THREATENED AND ENDANGERED SPECIES INFORMATION

Attached is the letter of concurrence received from the U.S. Environmental Protection Agency for the threatened and endangered species survey reports. I have also included comments received from Ohio Environmental Protection Agency detailing their review of the threatened and endangered species survey reports, resolution of their comments, and the resulting concurrence letter. This information is intended to supplement earlier documentation for the threatened and endangered species survey review from the Ohio Department of Natural Resources and the U.S. Fish and Wildlife Service. If you have any questions, please contact me at (513) 648-5299.

Sincerely;

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Rebecca J. Bixby
Technical Program Specialist II

RJB:mld
Attachments

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Mr. Jeff Hurdley, Esq.
Letter No. C:EC(NRM):95-0023
Page 2

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Restoration Management Corporation

P. O. Box 538704 Cincinnati, Ohio 45253-8704 (513) 738-6200

August 9, 1995

Fernald Environmental Management Project
Letter No. C:EC(NRM):95-0023

Mr. Tim Hull
Ohio Environmental Protection Agency
Office of Federal Facilities Oversight
Southwest District Office
401 East Fifth Street
Dayton, Ohio 45402-2911

Dear Mr. Hull:

THREATENED AND ENDANGERED SPECIES INFORMATION

Attached is the letter of concurrence received from the U.S. Environmental Protection Agency for the threatened and endangered species survey reports. I have also included comments received from Ohio Environmental Protection Agency detailing their review of the threatened and endangered species survey reports, resolution of their comments, and the resulting concurrence letter. This information is intended to supplement earlier documentation for the threatened and endangered species survey review from the Ohio Department of Natural Resources and the U.S. Fish and Wildlife Service. If you have any questions, please contact me at (513) 648-5299.

Sincerely,

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Rebecca J. Bixby
Technical Program Specialist II

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Mr. Tim Hull
Letter No. C:EC(NRM):95-0023
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Restoration Management Corporation

P. O. Box 538704 Cincinnati, Ohio 45253-8704 (513) 738-6200

August 9, 1995

Fernald Environmental Management Project
Letter No. C:EC(NRM):95-0023Mr. Don Henne
U.S. Department of Interior
Office of Environmental Policy & Compliance
U.S. Custom House, Room 217
200 Chestnut St.
Philadelphia, Pennsylvania 19106

Dear Mr. Henne:

THREATENED AND ENDANGERED SPECIES INFORMATION

Attached is the letter of concurrence received from the U.S. Environmental Protection Agency for the threatened and endangered species survey reports. I have also included comments received from Ohio Environmental Protection Agency detailing their review of the threatened and endangered species survey reports, resolution of their comments, and the resulting concurrence letter. This information is intended to supplement earlier documentation for the threatened and endangered species survey review from the Ohio Department of Natural Resources and the U.S. Fish and Wildlife Service. If you have any questions, please contact me at (513) 648-5299.

Sincerely,

A handwritten signature in black ink that reads "Rebecca Bixby". The signature is fluid and cursive.

Rebecca J. Bixby
Technical Program Specialist IIRJB:mld
Attachments

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Mr. Don Henne
Letter No. C:EC(NRM):95-0023
Page 2

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Restoration Management Corporation

P. O. Box 538704 Cincinnati, Ohio 45253-8704 (513) 738-6200

August 9, 1995

Fernald Environmental Management Project
Letter No. C:EC(NRM):95-0023

Ms. Stephanie Bogart
U.S. Department of Energy
Ohio Field Office
P.O. Box 3020
Miamisburg, Ohio 45343-3020

Dear Ms. Bogart:

THREATENED AND ENDANGERED SPECIES INFORMATION

Attached is the letter of concurrence received from the U.S. Environmental Protection Agency for the threatened and endangered species survey reports. I have also included comments received from Ohio Environmental Protection Agency detailing their review of the threatened and endangered species survey reports, resolution of their comments, and the resulting concurrence letter. This information is intended to supplement earlier documentation for the threatened and endangered species survey review from the Ohio Department of Natural Resources and the U.S. Fish and Wildlife Service. If you have any questions, please contact me at (513) 648-5299.

Sincerely,

A handwritten signature in cursive script that reads "Rebecca Bixby".

Rebecca J. Bixby
Technical Program Specialist II

RJB:mld
Attachments

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Ms. Stephanie Bogart
Letter No. C:EC(NRM):95-0023
Page 2

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Restoration Management Corporation

P. O. Box 538704 Cincinnati, Ohio 45253-8704 (513) 738-6200

August 9, 1995

Fernald Environmental Management Project
Letter No. C:EC(NRM):95-0023

Ms. Kim Baker
Ohio Department of Natural Resources
Real Estate Land Management
1952 Belcher Dr.
Building C-4
Columbus, OH 43224-1386

Dear Ms. Baker:

THREATENED AND ENDANGERED SPECIES INFORMATION

Attached is the letter of concurrence received from the U.S. Environmental Protection Agency for the threatened and endangered species survey reports. I have also included comments received from Ohio Environmental Protection Agency detailing their review of the threatened and endangered species survey reports, resolution of their comments, and the resulting concurrence letter. This information is intended to supplement earlier documentation for the threatened and endangered species survey review from the Ohio Department of Natural Resources and the U.S. Fish and Wildlife Service. If you have any questions, please contact me at (513) 648-5299.

Sincerely,

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Rebecca J. Bixby
Technical Program Specialist II

RJB:mld
Attachments

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Ms. Kim Baker
Letter No. C:EC(NRM):95-0023
Page 2

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Restoration Management Corporation

P. O. Box 538704 Cincinnati, Ohio 45253-8704 (513) 738-6200

August 9, 1995

Fernald Environmental Management Project
Letter No. C:EC(NRM):95-0023

Mr. Robert Fletcher
Ohio Department of Natural Resources
Division of Wildlife
1840 Belcher Dr.
Columbus, OH 43224

Dear Mr. Fletcher:

THREATENED AND ENDANGERED SPECIES INFORMATION

Attached is the letter of concurrence received from the U.S. Environmental Protection Agency for the threatened and endangered species survey reports. I have also included comments received from Ohio Environmental Protection Agency detailing their review of the threatened and endangered species survey reports, resolution of their comments, and the resulting concurrence letter. This information is intended to supplement earlier documentation for the threatened and endangered species survey review from the Ohio Department of Natural Resources and the U.S. Fish and Wildlife Service. If you have any questions, please contact me at (513) 648-5299.

Sincerely,

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Rebecca J. Bixby
Technical Program Specialist II

RJB:mld
Attachments

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Mr. Robert Fletcher
Letter No. C:EC(NRM):95-0023
Page 2

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Restoration Management Corporation

P. O. Box 538704 Cincinnati, Ohio 45253-8704 (513) 738-6200

August 9, 1995

Fernald Environmental Management Project
Letter No. C:EC(NRM):95-0023

Mr. Terry Finn, Esq.
Ohio Attorney General's Office
The Environmental Enforcement Section
30 East Broad St., 25th Floor
Columbus, OH 43215-3428

Dear Mr. Finn:

THREATENED AND ENDANGERED SPECIES INFORMATION

Attached is the letter of concurrence received from the U.S. Environmental Protection Agency for the threatened and endangered species survey reports. I have also included comments received from Ohio Environmental Protection Agency detailing their review of the threatened and endangered species survey reports, resolution of their comments, and the resulting concurrence letter. This information is intended to supplement earlier documentation for the threatened and endangered species survey review from the Ohio Department of Natural Resources and the U.S. Fish and Wildlife Service. If you have any questions, please contact me at (513) 648-5299.

Sincerely,

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Rebecca J. Bixby
Technical Program Specialist II

RJB:mld
Attachments

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Mr. Terry Finn, Esq.
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Page 2

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Restoration Management Corporation

P. O. Box 538704 Cincinnati, Ohio 45253-8704 (513) 738-6200

August 9, 1995

Fernald Environmental Management Project
Letter No. C:EC(NRM):95-0023

Mr. Tom Schneider
Ohio Environmental Protection Agency
Office of Federal Facilities Oversight
Southwest District Office
401 East Fifth Street
Dayton, Ohio 45402-2911

Dear Mr. Schneider:

THREATENED AND ENDANGERED SPECIES INFORMATION

Attached is the letter of concurrence received from the U.S. Environmental Protection Agency for the threatened and endangered species survey reports. I have also included comments received from Ohio Environmental Protection Agency detailing their review of the threatened and endangered species survey reports, resolution of their comments, and the resulting concurrence letter. This information is intended to supplement earlier documentation for the threatened and endangered species survey review from the Ohio Department of Natural Resources and the U.S. Fish and Wildlife Service. If you have any questions, please contact me at (513) 648-5299.

Sincerely,

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Rebecca J. Bixby
Technical Program Specialist II

RJB:mld
Attachments



Mr. Tom Schneider
Letter No. C:EC(NRM):95-0023
Page 2

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Restoration Management Corporation

P. O. Box 538704 Cincinnati, Ohio 45253-8704 (513) 738-6200

August 9, 1995

Fernald Environmental Management Project
Letter No. C:EC(NRM):95-0023

Mr. Pete J. Yerace
U.S. Department of Energy
Fernald Area Office
P.O. Box 538705
Cincinnati, Ohio 45253-8705

Dear Mr. Yerace,

THREATENED AND ENDANGERED SPECIES INFORMATION

Attached is the letter of concurrence received from the U.S. Environmental Protection Agency for the threatened and endangered species survey reports. I have also included comments received from Ohio Environmental Protection Agency detailing their review of the threatened and endangered species survey reports, resolution of their comments, and the resulting concurrence letter. This information is intended to supplement earlier documentation for the threatened and endangered species survey review from the Ohio Department of Natural Resources and the U.S. Fish and Wildlife Service. If you have any questions, please contact me at (513) 648-5299.

Sincerely,

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Rebecca J. Bixby
Technical Program Specialist II

RJB:mld
Attachments

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Mr. Pete Yerace
Letter No. C:EC(NRM):95-0023
Page 2

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Restoration Management Corporation P. O. Box 538704 Cincinnati, Ohio 45253-8704 (513) 738-6200

August 9, 1995

Fernald Environmental Management Project
Letter No. C:EC(NRM):95-0023

Mr. Larry Sirnek
Ohio Environmental Protection Agency
Division of Emergency & Remedial Response
1800 Watermark Drive
Columbus, Ohio 43215-1099

Dear Mr. Sirnek:

THREATENED AND ENDANGERED SPECIES INFORMATION

Attached is the letter of concurrence received from the U.S. Environmental Protection Agency for the threatened and endangered species survey reports. I have also included comments received from Ohio Environmental Protection Agency detailing their review of the threatened and endangered species survey reports, resolution of their comments, and the resulting concurrence letter. This information is intended to supplement earlier documentation for the threatened and endangered species survey review from the Ohio Department of Natural Resources and the U.S. Fish and Wildlife Service. If you have any questions, please contact me at (513) 648-5299.

Sincerely,

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Rebecca J. Bixby
Technical Program Specialist II

RJB:mld
Attachments

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2017



Mr. Larry Sirnek
Letter No. C:EC(NRM):95-0023
Page 2

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

7102
FERNALD
I-2322

MAY 5 9 59 AM '95

MAY 03 1995

FILE: _____
LIBRARY: _____
REPLY TO THE ATTENTION OF: _____

Mr. Jack R. Craig
United States Department of Energy
Feed Materials Production Center
P.O. Box 398705
Cincinnati, Ohio 45239-8705

HRE-8J

RE: Threatened and Endangered
Species Reports

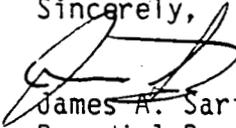
Dear Mr. Craig:

The United States Environmental Protection Agency (U.S. EPA) has reviewed the seven (7) Threatened and Endangered Species reports and their findings as provided by the United States Department of Energy.

U.S. EPA concurs finds that the reports and the surveys described in the reports are satisfactory and concurs with the findings of the surveys.

Please contact me at (312) 886-0992 if you have any questions regarding this matter.

Sincerely,


James A. Saric
Remedial Project Manager
Technical Enforcement Section #1
RCRA Enforcement Branch

cc: Tom Schneider, OEPA-SWDO
Jack Baublitz, U.S. DOE-HDQ
Don Ofte, FERMCO
Jim Thiesing, FERMCO
Terry Hagen, FERMCO

Post-It™ brand fax transmittal memo 7671		# of pages » 3
To <i>Becky Biebs</i>	From <i>Tom Schneider</i>	
Co. <i>FERNCO</i>	Co. <i>OEPA - OPAO</i>	
Dept.	Phone # <i>295-6404</i>	
Fax # <i>513 738 9213</i>	Fax #	

7102

Memorandum

To: Tom Schneider

CC: Diana Zimmerman, Donna Bohannon, (Dave Ross ODNR)

From: Joe Bartoszek

Date: April 5, 1995

Subject: Threatened and endangered species reports

Becky!
Pls For call at
12:30.
Thanks
Tom S

I have reviewed the reports received from you April 3, 1995 and offer the following comments:

The survey reports for Slender Finger-Grass (*Digitaria filiformis*) and Mountain Bindweed (*Polygonum cilinode*) indicate their absence on the FEMP property. However, for as thorough as RUST was in their verification of identification of those similar species they found, they did not check the specimens in the herbarium at Miami University to verify the identifications of those species found by Facemire, et al, 1990. As the Facemire report indicates the presence of those species at the FEMP site and they are maintained in the herbarium at Miami University, it is recommended that the catalogued specimens be checked. If these are found to be misidentified, then that would support RUST's position, but I would not feel comfortable supporting the position that these plants are not present at the FEMP site until those specimens were checked.

The survey of the Running Buffalo Clover, (*Trifolium stoloniferum*), appeared complete and thorough. As this was not identified in the Facemire, et al, 1990 site characterization, I feel comfortable supporting the position that it is not present at the FEMP site.

The statement in Attachment A (Summary of Species Surveys at the FEMP (1993-1994) regarding RUST's survey for Spring Coral-root (*Corallorhiza wisteriana*) seems misleading. The summary states that the habitat was unsuitable because of the lack of beech trees. However the RUST survey states "Despite the presence of suitable habitat near the western edge of the northern woodlands..." and "However, the woodlands observed at the FEMP site are dominated by elms, maples and buckeye trees and did not contain any beech trees, which are often found in association with

several species of saprophytes such as Indian-Pipe, Beechdrops, and Pinesap. Thus, the woodlands at the FEMP site are not thought to provide the mesic conditions necessary to support a population of Spring Coral-root." (emphasis added). The association between the beech trees and the Spring Coral-root is not as clear as the summary letter indicates. Additionally the survey was conducted during May 18 & 19, 1994. The flowering period for the Spring Coral-root is mid-April to mid-May and the plant can only be observed during flowering. This survey time in conjunction with the inconsistent flowering of the plant could easily have led to any potential plants being missed by the survey. I would not be inclined to so easily dismiss the potential for presence of the Spring Coral-root at the FEMP site. Additional surveys in the mid-April to mid-May time frame should be conducted in the suitable habitat areas of the FEMP property.

Although cited as marginal habitat, the population of Sloan's Crayfish (*Orconectes sloanii*) at the northwest portion of the FEMP site is significant and should be protected. As indicated in the report on the Cave Salamander (*Eurycea lucifuga*) by Jeffery G. Davis, "Genetic variation for a species increases in populations farther from the center of its range. Therefore, populations located at the periphery of a species' range represent genotypic diversity for the species." This population of Sloan's Crayfish is at the eastern edge of its range, the entire range being limited to southern Indiana and a few southwestern Ohio counties. At the FEMP site it occurs sympatrically with a population of *Orconectes rusticus*. As Dr. St. John indicated in his report, it is usual for *Orconectes rusticus* to outcompete *Orconectes sloanii* in most habitats, especially those with environmental stress. Its ability to maintain a population at the FEMP site may be significant. For these reasons it seems prudent to make an effort to preserve the population of Sloan's Crayfish at the FEMP site.

It is apparent from the survey of the Cave Salamander, *Eurycea lucifuga*, that the timing was not appropriate for observation of any potential populations of the Cave Salamander on the FEMP site. Difficulty in observation of the known existing populations adjacent to the site at the time of the survey confirms this. An effort should be made to preserve the ravine found as a potential habitat on the northern edge of the property. Although not observed during the survey, the potential for a population to exist here coupled with the ease of keeping this area undisturbed supports the recommendation of preserving this area.

Although no specimens of the Indiana Bat, *Myotis sodalis*, were captured on site, the presence of suitable habitats along Paddys Run, the Storm Sewer Overflow Ditch, and in older growth woodlands were located. As a 1988 survey located a colony of Indiana Bats in the vicinity of the FEMP, an effort should be made to preserve the older and dead trees in these areas, particularly in the riparian zones.

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In summary:

The plant specimens at Miami University should be checked to verify that species previously identified as *Polygonum clinode* and *Digitaria filiformis* were correctly identified;

Running Buffalo Clover (*Trifolium stoloniferum*) does not appear to be present at the FEMP site.

A continued effort should be made to locate Spring Coral-root in suitable habitat on site during its mid-April to mid-May flowering time;

A earnest effort should be made to preserve the natural habitat in and along Paddys Run and the Storm Sewer Outfall Ditch. Particular attention should be made to preventing pollutants (including sediments and silt from mitigation activities on site) from entering Paddys Run or the Storm Sewer Outfall Ditch and preservation of old growth trees in the riparian zone and woodland areas;

Although an existing population was not seen, an effort should be made to preserve the potential habitat for the Cave Salamander in the ravine along the north edge of the property. This should not be difficult as this area is remote from most activity at the FEMP. Observations at the ravine and well 1124 at the northern section of the property should be made during periods of surface activity of the Cave Salamander.

Department of Energy
Fernald Environmental Management Project
P.O. Box 68705
Cincinnati, Ohio 45239-8705
513/646-3165

MAY 02 1995

DOE-0873-95

Mr. Tom Schneider, Project Manager
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, Ohio 45402-2911

Dear Mr. Schneider:

RESPONSE TO OHIO ENVIRONMENTAL PROTECTION AGENCY (OEPA) COMMENTS ON THREATENED AND ENDANGERED SPECIES SURVEY REPORTS AT THE FERNALD ENVIRONMENTAL MANAGEMENT PROJECT

This memo responds to comments received from Mr. Joe Bartoszek (OEPA), and establishes a path forward with regard to the threatened and endangered species survey reports. These reports were sent to your agency on February 27, 1995, for review. Faxed comments were received by Becky Bixby of the Fernald Environmental Restoration Management Corporation (FERMCO) on April 11, 1995. The comments were initially discussed during a teleconference with Ms. Bixby on April 11, 1995.

The Department of Energy, Fernald Area Office (DOE-FN) would like to thank Mr. Bartoszek, Mr. Scott Schermerhorn and Mr. Ryan Stahl for visiting the Fernald Environmental Management Project (FEMP) site on April 25, 1995. During that visit Ms. Bixby identified the areas which were investigated during the threatened and endangered species surveys and discussed Mr. Bartoszek's concerns regarding the need for additional field work. Following the site tour, Mr. Bartoszek, FERMCO and DOE-FN personnel met to discuss resolution of OEPA comments. The following is a brief synopsis of these issues and the resolution reached in that meeting.

Ms. Bixby reiterated that there were no herbarium specimens or field notes for the mountain bindweed and slender fingergrass species that were recorded during the Miami University studies in 1986-87. Mr. Bartoszek confirmed that errata sheets explaining the lack of herbarium specimens and field notes would be sufficient to resolve the issue. He concurred with the findings from the running buffalo clover survey.

Mr. Bartoszek also questioned the timing of the spring coralroot survey field work in relation to the erratic blooming period of this species. To support the conclusions of the report, Ms. Bixby agreed to resurvey the forested wetlands in April and May of this year. The surveys will be documented and copies will be forwarded to you. An initial survey occurred during Mr. Bartoszek's visit with no spring coralroot being identified.

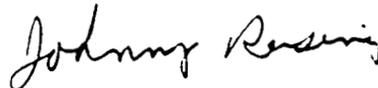
In terms of protection for the Sloan's crayfish populations and the Indiana bat habitat, every effort will be made to protect the riparian areas and Paddys Run at the FEMP. Measures to protect natural resources have already been integrated into the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) documentation for the FEMP site. Specifically, commitments to control runoff and siltation into Paddys Run and to mitigate any natural resource impacts have been made in the Proposed Plan/Feasibility Study (PP/FS) documents and subsequent Records of Decisions (RODs) for the appropriate Operable Units (OUs). Mr. Bartoszek agreed that these actions would cover his concerns raised regarding the ditch location north of the train trestle. In addition to commitments in the CERCLA documents, it was explained to Mr. Bartoszek that routine monitoring is and will continue to be performed by the Natural Resource Management Department at FERMCO to provide current status on the populations and habitat.

With regard to the cave salamander surveys and the old homeowner well (Well No. 1124) habitat, Mr. Bartoszek acknowledged that a concerted effort was made to evaluate cave salamander habitat in the on-property well with the use of groundwater monitoring equipment. He also agreed that this well is considered an artificial habitat. While no additional field work would be done in the well, it was agreed that if the well was to be abandoned at a later date, the Natural Resource Management Department at FERMCO should provide a final visual inspection for the cave salamander during the process of abandonment. Mr. Bartoszek recognized that the ravine in the northern section of the property provided minimal habitat for the cave salamander and did not feel that any additional field work needed to be done in this area.

Again, DOE-FN and FERMCO would like to thank Mr. Bartoszek for visiting the FEMP site. DOE-FN hopes that this visit was beneficial for Mr. Bartoszek and would appreciate a response from your office on the acceptance of DOE-FN's response to Mr. Bartoszek's comments.

If you have any questions, please contact Pete Yerace at (513) 648-3161.

Sincerely,



for Jack R. Craig
Fernald Remedial Action
Project Manager

FN:Yerace

cc:

J. Saric, USEPA-V, HRE-8J
E. P. Skintik, DOE-FN, MS 45
R. J. Bixby, FERMCO, MS 65-2
D. J. Carr, FERMCO, MS 52-5
E. M. Dupuis-Nouille, FERMCO, MS 52-5
C. M. Esselman, FERMCO, MS 51-2
R. T. Fellman, FERMCO, MS 52-1
S. S. Gibson, DOE-MTC, MS 45
T. D. Hagen, FERMCO, MS 65-2
J. K. Mailander, FERMCO, MS 65-2
J. S. Oberjohn, FERMCO, MS 52-5
M. J. Strimbu, FERMCO, MS 65-2
N. S. Weatherup, FERMCO, MS 51-2
W. E. Woods, FERMCO, MS 65-2
D. L. Zdelar-Bush, FERMCO, 52-1
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State of Ohio Environmental Protection Agency

Southwest District Office

401 East Fifth Street
Dayton, Ohio 45402-2911
(513) 285-6357
FAX (513) 285-6249

To	Johnny Reising	From	Tom Schneider
Co.	DOE - FN	Co.	OEPA - OFEO
Dept.		Phone #	513 285-6466
Fax #	513 648-3076	Fax #	

George V. Voinovich
Governor

May 8, 1995

to Peter
Y

RE: DOE FEMP
MSL #5311-0297
HAMILTON COUNTY
THREATENED & ENDANGERED
SPECIES REPORTS - APPROVAL

Mr. Jack Craig
Director
U.S. DOE FEMP
P.O. Box 398705
Cincinnati, OH 45329-8705

Dear Mr. Craig:

This letter provides Ohio EPA's approval of DOE's "Threatened and Endangered Species Survey Reports" submitted to Ohio EPA on February 27, 1995 as amended by Mr. Jack Craig's May 2, 1995 letter (DOE-0873-95). The approval is based upon the findings of Ohio EPA's April 25, 1995 site visit and the changes outlined in Mr. Craig's letter.

Ohio EPA wants to take this opportunity to remind DOE of our interest in protecting the resources of Paddys Run and in particular the Sloan's crayfish populations. We expect that all reasonable measures will be taken to protect Paddys Run and the associated riparian habitat during remediation activities. Additionally, Ohio EPA is very interested in mechanisms for implementing remediation in a manner that will improve habitat at the FEMP.

Ohio EPA appreciates the hospitality shown our staff during the April 25, 1995 site visit. If you should have any questions, please contact Joe Bartoszek at (513) 285-6464 or me.

Sincerely,

Thomas A. Schneider
Fernald Project Manager
Office of Federal Facilities Oversight

cc Jim Saric U.S. FPA
Terry Hagen, FERMCO
Manager TPSS, DERR/CO

Sharon McLellan, PRC
Joe Bartoszek, DSW/OEPA
Lisa August, GeoTrans



Department of Energy
Fernald Environmental Management Project
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

7102

JUL 27 1995

DOE-1270-95

Mr. Thomas Schneider, Project Manager
Ohio Environmental Protection Agency
401 East Fifth Street
Dayton, Ohio 45402-2911

Dear Mr. Schneider:

THREATENED AND ENDANGERED SPECIES FIELD SURVEILLANCES

Enclosed are two field surveillances to document actions taken as part of the resolution of comments received from Joe Bartoszek of your agency on the Threatened and Endangered Species survey reports. The first documents additional surveys in the northern woodlot for the state threatened spring coralroot (*Corallorhiza wisteriana*), and the second details actions taken during the abandonment of Well No. 1124, a well surveyed in 1993, for the state endangered cave salamander (*Eurycea lucifuga*). Both surveillances had negative results demonstrating that the two species were not present.

If you have any questions, please contact Pete Yerace at (513) 648-3161.

Sincerely,

for Jack R. Craig
Fernald Remedial Action
Project Manager

FN:Yerace

Enclosures: As Stated

cc w/enc:

K. H. Chaney, EM-423/GTN
B. Skokan, EM-423/GTN
R. J. Janke, DOE-FN
J. Kappa, DOE-FN
K. A. Nickel, DOE-FN
G. Jablonowski, USEPA-V, HRE-8J
J. Saric, USEPA-V
P. VanLeeuwen, USEPA, HSRLT-5J
J. Bartoszek, OEPA
J. Kwasniewski, OEPA-Columbus
P. Harris, OEPA-Dayton
M. Proffitt, OEPA-Dayton
S. McClellan, PRC
R. Cohen, GeoTrans
F. Bell, ATSDR
R. Owen, ODOH
R. J. Bixby, FERMCO/65-2
T. Hagen, FERMCO/65-2
R. D. George, FERMCO/52-2
W. E. Woods, FERMCO/65-2
AR Coordinator, FERMCO

cc w/o enc:

C. Little, FERMCO
M. Yates, FERMCO/9

NATURAL RESOURCE MANAGEMENT COMPLIANCE VERIFICATION

Name: Becky Bixby Time: Afternoons
 Date of Surveillance: April 25, May 5, May 11, 1995 NEPA Document No.: Spring coralroot survey report, 1994
 Project Observed: Additional field surveys for spring coralroot Phone: 648-5299
 Project Engineer: N/A

Item No.	Surveillance Items	Observation	Resolution
000000	<p>A survey for the state-threatened spring coralroot was completed in 1994. The transect survey focused primarily in the northern woodland.</p> <p>Following comments on the report from OEPA in April, 1995, FERMCO conducted additional transect surveys during April & May, 1995 in the northern woodland during the blooming period. OEPA felt that field work was done too late in the season during the 1994 survey.</p>	<p>According to Dr. Jerry Snider, a botanist from the University of Cincinnati, this spring has been optimal for spring orchids because of the high precipitation levels.</p> <p>Moisture levels in the northern woodland were suitable; however, no spring coralroot plants were found during FERMCO's transect surveys.</p>	

NEPA Compliance Signature: Becky Bixby Date: 6-22-95
 Project Engineer Signature: N/A Date: N/A

NATURAL RESOURCE MANAGEMENT
COMPLIANCE VERIFICATION

Name: Becky Bixby
Date of Surveillance: June 12, 1995
Project Observed: Plugging of Well 1124
Project Engineer: Dean Shanklin

Time: 8:30 - 10:30 a.m.
NEPA Document No.: NA
Phone: 648-3254

Item No.	Surveillance Items	Observation	Resolution
	<p>Monitoring dewatering process of well prior to plugging of well. Well was previously surveyed for state-endangered cave salamander with negative results (none found). Both DOE & OEPA concurred that sufficient field work had been completed but requested that a final visual inspection be completed in the well prior to abandonment to ensure no cave salamanders were present.</p> <p>Joe Bartoszek, OEPA, was present to observe the initial dewatering prior to the plugging of the well.</p>	<p>Well was visually inspected with a flashlight prior to any pumping of water. A pump was used to remove ~ 1500 gallons of water to allow for plugging. Hose has a one inch grate on end, and suction sufficient to extract any organisms. Water was pumped into 550 gallon tanks, trucked to the storm water retention basin. The water was drained through an empty 55 gallon drum fitted with a 1/4" screen in the bottom. The drum was connected to the drain to the storm water retention basin. Any animals would have been trapped on the 1/4" screen.</p> <ol style="list-style-type: none"> 1. No salamanders were observed during a visual inspection with a flashlight prior to dewatering. 2. No salamanders were found during the release of water into the storm water retention basin. 3. Joe Bartoszek, OEPA, was present and concurred with the observations and conclusions that no cave salamanders were present. 	

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NEPA Compliance Signature: Becky Bixby Date: 6-28-95
Project Engineer Signature: Dean E. Shanklin Date: 6-28-95