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**FERNALD COST RECOVERY GRANT AWARD NUMBER
DE-FG05-94OR22167OR22167**

09/05/96

**OEPA
6
REPORT**

DOE-FN



State of Ohio Environmental Protection Agency

Southwest District Office

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FERNALD
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George V. Voinovich
Governor

September 5, 1996

RE: DOE FEMP
MSL #531-0297
FERNALD COST RECOVERY
GRANT AWARD NUMBER
DE-FG05-94OR22167

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

Dear Mr. Craig:

Attached please find Ohio EPA's Quarterly Report for the period April 1, 1996 through June 30, 1996 detailing activities related to the Cost Recovery Grant.

If you should have any questions regarding this report, please contact me at (513) 285-6466.

Sincerely,

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

cc w/o enc: Graham Mitchell, Chief, OFFO
Pat Campbell, Fiscal Officer, DERR
John Brown, Fernald Site Auditor
Robert Mendelsohn, Contract Specialist
Jim Beaton, Grants Administrator, Fiscal

**Ohio EPA Office of Federal Facilities Oversight
Cost Recovery Grant Quarterly Report
for
Third Quarter of FFY96**

APRIL 1996

HIGHLIGHTS/SIGNIFICANT EVENTS

- Ohio EPA's Letter to the Editor of *The Cincinnati Enquirer* was finalized and mailed on April 2. (Several area newspapers were copied.) The letter was published in the *Enquirer* on April 24 with an Editor's note. Graham Mitchell was interviewed by Mike Gallagher of the *Enquirer* about other issues at Fernald. OFFO closely coordinated all associated activities with PIC. Following an interview with Graham, *Everybody's News* also published an article on the *Enquirer* stories.
- FCTF held joint subcommittee meetings to discuss waste management and natural resource issues. OFFO representatives were present to provide input and information.
- OFFO held a public Availability Session on the OU3 Proposed Plan.
- Held a Fernald Team meeting at which DOE and FERMCO explained the Ten Year Plan.
- NPDES permit inspection was conducted.
- Tom Schneider was interviewed for an article published in *Initiatives in Environmental Technology Investment* about the Community Leaders Network and the Office of Science and Technology.

DOCUMENT APPROVALS

Provided Ohio EPA approval on the following documents: 1) RA #9 Wastewater Treatment Response to Comments; 2) RA #9 Chemical Treatment project response to Comments.

DOCUMENT REVIEWS

Provided comments to DOE on the following documents: 1) Streamlining RA #12 Reporting Proposal; 2) made public comments on the OU3 Proposed Plan.

ENVIRONMENTAL MONITORING

- Sediment and surface water samples from the Pilot Plant sump were split with DOE to evaluate the sump effectiveness.
- Electric was installed at the background air monitoring location. On-site locations were selected during meetings with DOE and FERMCO.

MEETINGS

One or more OFFO staff participated in the following meetings:
Weekly OU4 Vit. Pilot Plant conference calls; FCTF Waste Management and Natural Resources subcommittees meeting; budget and OU5 meeting in Chicago; OFFO staff meeting, Fernald Team meeting; OFFO mission statement workshop; OU3 Availability Session; OU3 Public Hearing; meeting with PIC to discuss Fernald public outreach, Natural Resource Trustees meeting with Community Reuse Organization convener; Ohio EPA meeting with CRO convener; conference call w/ USEPA on certification sampling; OU5 certification

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sampling meeting; Tour OU4 Pilot Plant and RCRA storage review; air monitoring location selection and installation discussion meetings; IRTEP conference calls and meeting.

GIS/GPS ACTIVITIES

- Obtained three geostatistics software packages to be used in determining spatial correlation of total uranium in soils. Coordinating efforts with Sandia National Lab.
- Loaded DMEPP data set with 1995 data.
- Ordered upgrade for Fernald computers and LAN expansion.
- Worked with ODOT to coordinate surveying/GPS of our GPS base station location.
- Collected GPS locational data from Pilot Plant sump sampling.

TRAINING

- Several OFFO staff attended Effective Meeting Management training.
- Several OFFO staff attended the Business Writing Seminar.

ADMINISTRATIVE ACTIVITIES

- A color laser printer will soon arrive and is to be used by several divisions in SWDO.
- Significant time and effort was spent on developing the Fernald Annual Report.
- Purchasing for support of air monitoring activities included filters and a palm top computer.

QUALITY INDICATORS

- OFFO developed a mission statement in preparation for developing environmental measures.
- Kelly Kaletsky and Jo Davidson are participating in the agency's adopt-a-school program.
- Tom Ontko participated in the Environmental Measures workgroup.
- Laura Hafer participated in the SWDO CARES committee to enhance the district's public relations.
- The OFFO homepage continues to improve the availability of information to the public.

MAY 1996

HIGHLIGHTS/SIGNIFICANT EVENTS

- The 1995 Annual Report to the Public on the Fernald Environmental Management Project was finalized, printed, and mailed to stakeholders. The report describes Ohio's AIP and CRG activities at Fernald. The initial mailing included approximately 50 copies.
- FCTF held joint subcommittee meetings to discuss waste management and environmental monitoring issues. OFFO representatives were present to provide input and information.
- A quarterly Community Meeting was held.
- A meeting to introduce the new Community Reuse Organization (CRO) and solicit members for the group was held.
- The Fernald Cost Recovery Grant and Agreement in Principle activities were audited by DOE.

DOCUMENT APPROVALS

Provided Ohio EPA approval on the following documents: 1) OU1 90% Design; 2) SP

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DMEPP Report; 3) Addendum to PSP and RTC on Southfield Injection Test; 4) OU3 Treatability Study Report; 5) Revised Southfield Extraction System Design; 6) RCRA Annual Report; 7) Request to Delete CSOU from ACA; 8) Request to Revise OU2 RD Milestones.

DOCUMENT REVIEWS

Provided comments on the following documents: 1) OU5 Remedial Design WP; 2) OSDF Intermediate Design; 3) Groundwater Monitoring for OSDF; 4) OU4 Residual Removal 30% Design; 5) Monitoring Well Abandonment.

ENVIRONMENTAL MONITORING

- OFFO staff conducted a Plant 1 Pad drum management review and found no surprises.
- Joe Bartowszek conducted a review of stormwater runoff management activities at Fernald.
- Collected 29 surface water samples at 9 locations. Collected 6 surface water samples associated with stormwater overflow events.
- The annual unannounced RCRA inspection took place. One manifest violation was noted.
- Started to collect background air samples.

MEETINGS

One or more OFFO staff participated in the following meetings: Weekly OU4 Vit. Pilot Plant conference calls; Drum Management Plan meeting; SNL smart sampling meeting at Mound; OFFO staff meeting; quarterly Community public meeting; FCTF environmental monitoring subcommittee meeting; FCTF waste management subcommittee; FEMP STCG meeting; meeting with GAO about Enquirer Articles; Envirocare meeting; CRO public meeting; OU5 Certification Sampling meetings; bi-monthly FRESH meeting; Air Monitoring meeting; IEMP meeting.

GIS/GPS ACTIVITIES

- Randy Earle, Matt Justice, Mike Proffitt, and Rob Hanover participated in a Intergraph GIS consulting week which concentrated on the use of Modflow and Modpath groundwater modeling software.
- ODOT completed the coordinate surveying of our GPS base station location. This was done at no cost to the agency.
- Randy Earle and Kelly Kaletsky attended the Intergraph Graphic Users Group Conference in Huntsville, Alabama. The conference included hands-on workshops and seminars on the use of environmental modeling software. Randy was elected as the secretary/treasurer of the Environmental Software Interest Group.
- Randy Earle gave a presentation at an Environmental Regulatory Compliance Management Seminar in Pittsburg on the use of GIS/GPS and environmental modeling software in environmental remediation oversight.

TRAINING

- Laura Hafer attended High Impact Presentations training in Columbus.
- Donna Bohannon, Bill Lohner, Jo Davidson, and Tim Hull attended Directing Your

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- Development training.
- Tom Ontko attended a business writing seminar.

ADMINISTRATIVE ACTIVITIES

- The color laser printer arrived and was used to print portions of the 1995 Fernald Annual Report. The printer is to be used by several divisions in SWDO.
- Ryan Stahl returned as co-op.

QUALITY INDICATORS

- Kelly Kaletsky and Jo Davidson are participating in the agency's adopt-a-school program.
- Tom Ontko participated in the Environmental Measures workgroup.
- Laura Hafer participated in the SWDO CARES committee to enhance the district's public image.
- The OFFO homepage continues to improve the availability of information to the public.

JUNE 1996

HIGHLIGHTS/SIGNIFICANT EVENTS

- Tom Ontko visited Nevada Test Site with members of the Fernald Citizens Task Force.
- Bake-out of vitrification pilot plant was completed and Phase 1 was initiated.
- The first remotely overpacked thorium drums were shipped to NTS
- Director Schregardus visited the district and had lunch with OFFO to discuss current issues.
- Kelly Kaletsky represented CLN at DOE's Subsurface Contaminants Focus Area Program Execution Guidance meeting for FFY97 in Atlanta. Tom Schneider and Kelly Kaletsky attended a CLN Semi-Annual Workshop in Washington D.C.
- Favorable words have been received from stakeholders and other states regarding OFFO's Annual Report on the FEMP.
- The paper submitted by Kelly Kaletsky, Randy Earle and Tom Schneider was accepted by Eco-Infoma as a poster session.

DOCUMENT APPROVALS

Provided Ohio EPA approval on the following documents: 1) Responses for PSP for PreDesign Inv. Report; 2) Revised OSDF Test Pad WP & RtC; 3) RA#9 Building 65 Torium Overpack Procedures; 4) OU3 Revised Nitrate Tank Imp. Plan and RtC; 5) Schedule for OU3 Implementation plans; 6) RA#12 Streamlined Reporting.

DOCUMENT REVIEWS

Provided comments to DOE on the following documents: 1) OU4 Silo Superstructure Preliminary Design; 2) Engineering Technology Reports.

ENVIRONMENTAL MONITORING

- Sediment samples were taken at two locations. Samples were taken by Donna Bohannon, Ryan Stahl and Joe Bartoszek.

- Aerosol monitor was set up on two occasions in locations near the OSDF test pad to obtain background information.

MEETINGS

One or more OFFO staff participated in the following meetings:

Weekly OU4 Vit. Pilot Plant conference calls; Director's visit to SWDO (OFFO lunch); OFFO staff meeting; Sandia National Lab visit; meeting with SoilPak; Fernald group meeting; Annual Report De-briefing; OSDF meeting; WAC meeting; OU1 Package; OU2 60% Design public meeting; Reuse/recycling public workshop; Health Effects Subcommittee; NRDA conference call; OU4 conference call; Stormwater inspection; OFFO staff meeting; air monitoring meeting.

GIS/GPS ACTIVITIES

- Randy Earle, Matt Justice and Mike Proffitt participated in a Intergraph GIS consulting week which concentrated on the use of ERMA Site Geologist and Terrain Analyst.
- Randy Earle participated in a Intergraph advanced GIS course at the Mound facility. This course focused on advanced work flows in Voxel Analyst and Terrain Analyst.
- Worked with Sandia National Lab and FERMCO on the use of Geostatistics for pre- and post-certification sampling in soils remediation.

TRAINING

- Several members of OFFO's Fernald Team participated in stormwater runoff training at Fernald.
- Laura Hafer and Kelly Kaletsky attended the Agency's Directing Your Development training.
- Bill Loehner attended: QStP training; USEPA sponsored NESHAPS for Radionuclides training; DOE sponsored Gamma Detection for GeLi and NaI training (with Tom Ontko); FERMCO annual Access Refresher training
- Donna Bohannon and Tim Hull attended Conflict Resolution training.
- Kelly Kaletsky and Tom Ontko attended Negotiation training.
- Tom Ontko attended Business Writing training.

ADMINISTRATIVE ACTIVITIES

- Created a bulletin board/ mailing list for Fernald team members.
- Upgraded 2 PC's to 100 Mhz.
- Expanded the OFFO LAN and added 4 new users.

QUALITY INDICATORS

- An OFFO staff meeting was dedicated to the process of developing Environmental Measures.
- Laura Hafer participated in SWDO CARES committee to enhance the district's public image.
- The OFFO homepage continues to improve the availability of information to the public.