

N60200.AR.005590
NAS CECIL FIELD
5090.3a

LETTER OF TRANSMITTAL AND FLORIDA DEPARTMENT OF ENVIRONMENTAL
PROTECTION EMERGENCY PERMIT 0013526-009-HE ORDER FOR DEACTIVATION OF
RECOVERED MUNITIONS AT OPERABLE UNIT 5 (OU 5) SITE 15 NAS CECIL FIELD FL
10/28/2008
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

October 28, 2008

Sent Via E-mail

Jim.Ferro@navy.mil

Jim Ferro
Deputy Base Closure Manager
Base Realignment and Closure Program Management Office Southeast
4130 Faber Place Drive
Suite 202
North Charleston, SC 29405

SUBJECT: Former Naval Air Station – Cecil Field
EPA ID No. FL5 170 022 474
Emergency Permit No. 0013526-009-HE

Dear Mr. Ferro,

Enclosed you will find an Emergency Permit Order, along with the public notice. Please ensure publication of the public notice within the time allotted.

Please contact Daniel Kuncicky at (850) 245-8786 or Daniel.Kuncicky@dep.state.fl.us if you have any comments or questions.

Sincerely,

A handwritten signature in black ink that reads "Tim J. Bahr".

Tim J. Bahr, Administrator
Hazardous Waste Regulation Section

TJB/dmk

cc (with enclosures):

Karen Knight, EPA/Region 4, Knight.Karen@epamail.epa.gov
Ashwin Patel, FDEP/Jacksonville, Ashwin.Patel@dep.state.fl.us
David Grabka, FDEP/Federal Facilities Group, David.Grabka@dep.state.fl.us



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

BEFORE THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

In Re:)	October 28, 2008
Request for an Emergency Permit by)	
Base Realignment and Closure Program Management)	
Office Southeast)	Permit Number:
4130 Faber Place Drive)	0013526-009-HE
Suite 202)	
North Charleston, SC 29405)	

FINAL ORDER

BY THE DEPARTMENT:

On October 17, 2008 the Department received a request from James R. Ferro of Former Naval Air Station – Cecil Field for an emergency permit to allow deactivation or destruction of recovered munitions and explosives of concern (MEC) that present an unacceptable hazard for transportation to a disposal site. This permit is for detonation of MEC found during the munitions response completed at the Site 15 Munitions Response Site (MRS) from February 27, 2008 to July 18, 2008. The treatment of the waste will be carried out by the Naval Ordnance Safety and Security Activity (NOSSA), Base Realignment and Closure Program Management Office Southeast (BRAC PMO SE), and the BRAC PMO SE Munitions Response/Explosive Ordnance Disposal (EOD) Contractor, CH2M HILL Constructors, Inc. (CH2M HILL) with InfoPro Corporation (InfoPro), at Site 15 MRS located in the former Yellow Water Weapons Area, east of the Yellow Water Housing Area, at the former Naval Air Station – Cecil Field, Jacksonville, Florida. The waste is an unstable chemical with explosive and shock sensitive characteristics that could create an imminent danger to persons handling the waste and to the general public.

FINDINGS OF FACT

1. The waste was found during the munitions response completed at the Site 15 MRS from February 27, 2008 to July 18, 2008.
2. The specific waste to be thermally treated by detonation is the following:
 - Approximately (5) each MK76 Practice Bombs containing MK4 Signal Cartridge consisting of a percussion primer which initiates a red phosphorous smoke charge (ca. 0.19 lbs) contained in a metal cartridge.

- Approximately (5) each MK 12, 20-mm High Explosive Projectiles consisting of a primer which initiates the smokeless powder (ca. 0.07 lbs) contained in a steel or brass cartridge case, which in turn propels a projectile constructed of steel; containing an explosive filler of 0.013 lbs of High Explosive.
 - Approximately (20) each M604 Practice Training Fuzes for M6 series Anti-tank Training Mines consisting of a strike plate and a percussion primer which initiates a red phosphorous smoke charge (ca. 0.04 lbs) contained in a metal cartridge.
 - Approximately (5) each M602 Practice Training Fuzes for M6 series Anti-tank Training Mines consisting of strike plate and percussion primer which initiates a red phosphorous smoke charge (ca. 0.01 lbs) contained in a metal cartridge.
3. Because of the flammable, shock sensitive, reactive, and explosive nature of the material, there is a potential danger to the health and welfare of those persons coming in contact with this waste if the waste is not handled in a proper manner.

CONCLUSION

Based on the above-stated facts, the Department finds that the hazardous waste presents an imminent hazard to persons and property in its proximity. The waste specified in Findings of Fact #2 shall be thermally treated in an environmentally sound and a Department-approved manner. Therefore, pursuant to Sections 403.726(5) and 120.59(3), Florida Statutes, it is

ORDERED

1. The Permittee shall undertake whatever action necessary to comply with Rule 62-730.320, F.A.C.
2. NOSSA, BRAC PMO SE, CH2M HILL, and InfoPro shall abate the imminent hazard identified in Findings of Fact #2 by thermal destruction of the unstable, flammable, shock sensitive and potentially explosive hazardous waste.
3. Only the waste specified in Findings of Fact #2 shall be thermally treated to deactivate or destroy the hazardous nature of the waste.
4. The treatment operation will be accomplished in accordance with the Work Plan Addendum No. 25 Munitions Response and Excavation of Contaminated Soil at Site 15, Blue 10 Ordnance Disposal Area document dated February 2008; and the project Explosives Safety Submission document dated October 2007.
5. The Permittee shall obtain all other local, state and federal approvals and licenses required for conducting the activities described in this permit.
6. The hazardous waste shall be treated/destroyed in a field (latitude: 30.2382° North; longitude: 81.9235° West) within the Site 15 MRS located in the former Yellow Water

Weapons Area, east of the Yellow Water Housing Area, at the former Naval Air Station Cecil Field, Jacksonville, Florida.

7. Any visible residue or debris resulting from the treatment process shall be removed and properly disposed of offsite by approved methods. Post-treatment soil sampling shall be completed to ensure no contamination remains following residue/debris removal. The Permittee shall have five soil samples (four grab/one composite) from the treatment site analyzed for metals and nitro-aromatics (explosives).
8. Adequate fire and personal protection to assure confinement and control of any fire resulting from the operation, and to prevent injuries of personnel present, shall be provided. Prior to the thermal treatment, the treatment site shall be secured and access shall be restricted except to authorized personnel. Prior to the treatment operation, a visual inspection shall be performed within a minimum 200-foot radius of the treatment site to assure that no unauthorized personnel are on site.
9. Within 60 days of completion of the thermal treatment authorized by this permit the Permittee shall submit to the Department a written summary of the specific description of the actual procedures used for treatment, and the disposition of any residues from the treatment process, as well as any additional pertinent information. This summary shall be submitted to the Florida Department of Environmental Protection

Florida Department of Environmental Protection, Northeast District
ATTN: Waste Program Administrator
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256

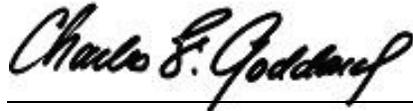
and

Florida Department of Environmental Protection
ATTN: Tim Bahr
2600 Blairstone Road
Mail Stop 4560
Tallahassee, Florida 32399

10. Thermal treatment of the waste as specified above in Findings of Fact #2 of this permit shall occur from November 10 - 14, 2008.
11. The local Department representative or its designee shall be notified seven (7) days in advance of the scheduled treatment, and have the option of being present to observe the thermal treatment operation.
12. Pursuant to Rule 62-730.220(2), of the Florida Administrative Code (F.A.C.), the attached Public Notice No. 0013526-009-HE shall be published one time only in the legal ad section of a local newspaper in Duval County within 30 days of permit issuance. Proof of

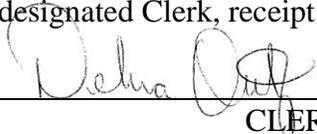
publication shall be provided to the Department within fourteen (14) days of publication of the notice.

Issued this 28 day of October



**CHARLES F. GODDARD, CHIEF
BUREAU OF SOLID AND HAZARDOUS WASTE**

Filing and Acknowledgment filed on this date, pursuant to Section 120.52, Florida Statutes, with the designated Clerk, receipt of which is acknowledged.



CLERK

October 28, 2008

DATE

**STATE OF FLORIDA
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
2600 BLAIR STONE RD
TALLAHASSEE, FLORIDA 32399-2400**

PERMIT NO. 0013526-009-HE

**NOTICE OF ISSUANCE OF AN EMERGENCY PERMIT UNDER
THE RESOURCE CONSERVATION AND RECOVERY ACT
AND THE FLORIDA RESOURCE RECOVERY AND MANAGEMENT ACT.**

On **October 28, 2008**, the Department of Environmental Protection (DEP) issued an Emergency Permit to U. S. Naval Facilities Engineering Command.

The treatment site was a field (latitude: 30.2382° North; longitude: 81.9235° West) within the Site 15 Munitions Response Site located in the former Yellow Water Weapons Area, east of the Yellow Water Housing Area, at the former Naval Air Station Cecil Field, Jacksonville, Florida.

The permit authorized detonation and treatment of unstable, reactive, flammable, shock-sensitive or explosive materials.

An emergency permit pursuant to Sections 403.726(5) and 120.59(3), F.S., and Rule 62-730.320, F.A.C., was warranted because there was an imminent and substantial endangerment to human health and the environment. The issuance of this permit resulted in environmental benefits as compared with the previous storage conditions of the waste. The permit was drafted in accordance with the provisions of the Resource Conservation and Recovery Act and the Florida Resource Recovery and Management Act, and was designed to protect human health and the environment.

The permit files are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Florida Department of Environmental Protection, 2600 Blairstone Road, Tallahassee, Florida 32399, or at the NE District Office, 7825 Baymeadows Way, Suite B200, Jacksonville, Florida 32256.

Persons wishing to comment upon the permit issuance or to the permit conditions are invited to submit same in writing within forty-five (45) days of the date of this notice to the following address: Florida Department of Environmental Protection, ATTN: Environmental Manager, 2600 Blairstone Road, Mail Stop 4560, Tallahassee, Florida 32399.

The public notice number should be included in the first page of the comment.

All comments received within the 45-day period will be considered in the formulation of future emergency permits.