



DEPARTMENT OF THE ARMY
INSTALLATION MANAGEMENT COMMAND
HEADQUARTERS, UNITED STATES ARMY GARRISON, PICATINNY ARSENAL
PICATINNY ARSENAL, NEW JERSEY 07806-5000

May 11, 2010

ATTENTION OF

Environmental Affairs Division

SUBJECT: Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)/Interagency Agreement (IAG) Administrative Docket No. II-CERCLA-FFA-001-04: **Final Feasibility Study for Sites 109, 125, 142, 144, 146 & PICA-203**: Review is ER,A-eligible

Mr. William Roach
U.S. Environmental Protection Agency
Region 2
290 Broadway, 18th Floor
New York, NY 10007-1866

Mr. Gregory Zalaskus
New Jersey Department of Environmental Protection
Emergency Management Program
East State Street, Floor 5, P.O. Box 028
Trenton, New Jersey 08625-0028

Dear Sirs:

Enclosed for your records are copies of the **Final Feasibility Study for Sites 109,125,142,144,146 & PICA-203** (*the FS for PICA 111.*) The FS for PICA 111 was developed by Shaw Environmental by Picatinny and the Army. The first version of the document submitted in November of 2007 and has been on-hold for a number of programmatic issues.

EPA provided a review of the track-changes of the agreed-to-responses to comments per the attached email. The NJDEP provided a conditional approval based on attached memorandum from Jim Kealy sent via the attached email in 2009. We expect to submit the Proposed Plan for PICA 111 in the very near future.

Sincerely,

A handwritten signature in blue ink, appearing to read "Zab Dubel".

Project Manager for
Environmental Restoration

Enclosure

CC:

Mr. Joe Marchesani, NJDEP

Mr. Jim Kealy, NJDEP

Mr. Mike Glaab, Civilian Co-Chair of Picatinny RAB (electronic version only)

**Attachment: Copy of Emails
from regulatory agencies regarding
FS for PICA 111**

1. Email from Bill Roach of EPA agreeing that Tracked-Changed electronic document complied with the agreed-to-responses-to-EPA comments

-----Original Message-----

From: Roach.Bill@epamail.epa.gov [mailto:Roach.Bill@epamail.epa.gov]
Sent: Thursday, May 06, 2010 2:33 PM
To: Gabel, Ted Mr CIV USA IMCOM
Cc: Greg Zalaskus
Subject: Re: Revised Picatinny - PICA-111 FS (UNCLASSIFIED)

Ted, the revisions to PICA-111 FS are satisfactory.

"Gabel, Ted Mr CIV USA IMCOM" <ted.gabel@us.army.mil> 5/5/2010 2:32 PM >>>
Classification: UNCLASSIFIED
Caveats: NONE

Bill:

Attached please find the Feasibility Study Revisions for PICA-111. The FS has been revised in light of USEPA comments (attached) originally provided 3/16/10.

As you know your most significant comment from the USEPA was to add a pump and treat remedial alternative for lead and arsenic exceedances at Site 109/203. Technically we saw no reason for this request, we assume that this is only a procedural requirement on your part for the FS to be administratively complete.ro

The following documents are attached to this email:

- 1 - Word File of the tracked changes FS text
- 2 - Word File of the USEPA comments
- 3 - PDF of the cost estimate for the new remedial alternative

Shaw will be sending you a complete PDF of the FS since my email cannot handle it.

Once you OK this iteration, we will submit the hard copy of the document to you which will be followed by the Proposed Plan.

2. Email from Jim Kealy on FS for PICA 111

-----Original Message-----

From: Jim Kealy [mailto:Jim.Kealy@dep.state.nj.us]

Sent: Wednesday, September 16, 2009 11:17 AM

To: Greg Zalaskus; Gabel, Ted Mr CIV USA IMCOM

Subject: PICA 111 FS

My comments on the FS for 6 sites in Area F are attached. The document is acceptable with a minor comment requesting some clarification. Let me know if you have any questions or would like to discuss.

Jim

New Jersey Department of Environmental Protection
Division of Remediation Support
Hazardous Site Science Element
Bureau of Environmental Evaluation and Risk Assessment

MEMORANDUM

TO: Greg Zalaskus, Case Manager, BCM

FROM: Jim Kealy, Technical Coordinator, BEERA

SUBJECT: Review of Draft Final Feasibility Study for Sites 109, 125, 142, 144, 146, and PICA 203, Picatinny Arsenal, Morris County

Summary

This FS addresses surface and subsurface soil contamination as well as sediment, surface water and/or groundwater contamination at 6 sites in PICA 111. The six sites are Site 109 (former Buildings 445 and 445D, Site 125 (Buildings 172 and 183), Site 142 (Former Building 435), Site 144 (Building 462), Site 146 (former Building 497), and Site PICA –203 (former Buildings 333 and 247). As a result of this FS Report, Picatinny Arsenal proposes Land Use Controls (LUCs) and Maintenance of Existing Engineering Controls for Sites 109, 142, and 146. No remedy is proposed for Sites 125, 144, and PICA 203, because there were no contaminants of concern detected at these locations. I have reviewed the Draft Final FS for the above named 6 sites in PICA 111. The proposed remedy for Site 146 is unacceptable until the following comment is addressed. The Proposed Remedies for the other 5 sites are acceptable.

Comments

Site 146

- a. AOC 1: Soil Contamination at Former Building 497: Section 2.6.3.13.2.4.1, Former Building Historical RI data indicates that RDX at 69.6 mg/kg and lead at 756 mg/kg, were detected in surface soil samples at Building 497. On page 2-22, the document states that Building 497 was demolished and the site was regraded two days before the follow-up RI field sampling investigation was to begin. As a result no additional soil samples were collected at this AOC. It is unclear if the area was covered with clean soil when the site was regraded. This must be clarified. If this cannot be clarified, then NJDEP recommends that additional surface soil samples be collected from this site to characterize the present surface soil quality.

- c. Joe Marchesani, BGWPA