

November 18, 2011

Mr. Matt Turner
New Jersey Department of Environmental Protection
Bureau of Investigations, Design and Construction
PO Box 413
Trenton, NJ 08625

**Subject: Fort Monmouth, NJ
Site FTMM-23 Lime Pit**

Dear Mr. Turner:

Per the Army's request, CALIBRE Systems, Inc. (CALIBRE) has prepared this letter report to provide the New Jersey Department of Environmental Protection (NJDEP) with information regarding the one boring at Site FTMM-23, CW2 Lime Pit where one sample at depth was identified containing a low concentration of a polychlorinated byphenyl (PCB), Aroclor-1254. The site was originally investigated in the Roy F. Weston report, Site Investigation, Fort Monmouth, New Jersey, Main Post and Charles Woods Areas, Site Investigation Report (December 1995). The SI investigated both soils and groundwater. The only soil constituent identified above Residential Direct Contact Soil Cleanup Criteria was PCB Aroclor-1254 at one soil boring location (SB30-A02). The report recommended additional groundwater monitoring but did not address the limited PCB detection. The CW2 Lime Pit Site Remedial Investigation Report, Fort Monmouth, New Jersey (March 2005) presented results from groundwater sampling that was performed after the SI. Ultimately it was determined that No Further Action was appropriate for groundwater. However the PCB contaminated soil was never fully addressed.

Since there were no other contaminants identified in the soil samples collected and the PCB detection is relatively low level, the Army is applying Compliance Averaging to the results from the four soil samples that were collected during the SI. The four samples were all collected from the same depth (7 to 9 feet below grade) and in the same general area (see attached figure). The analytical results and compliance averaging is presented in the attached Table 1. The compliance average is at .2 mg/kg with is just at the current Residential Direct Contact Soil Remediation Standard of .2 mg/kg and is below the Residential Direct Contact Soil Cleanup Criteria in effect at the time of sampling of .49 mg/kg.

The Army has also reviewed the ECP Phase 1 findings and there is no identified PCB equipment in the area that would have been potential sources for this location.

Based on the compliance Averaging and the lack of potential sources for PCBs at this location, the Army requests that this site be determined to require No Further Action for both soils and groundwater.

CALIBRE

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Should you have any questions please contact Wanda Green at 732-380-7064.

Sincerely



Joseph Pearson
BRAC Contract Support
Fort Monmouth
CALIBRE Systems

Cc: James Briggs, BRAC HQ
Wanda Green, BEC

Table 1
FTMM-23 Lime Pit
PCB Compliance Average Data

Sample ID	Aroclor-1254 mg/kg	MDL, mg/kg	Value for Compliance Averageing, mg/kg	Sample Collection Information
SB30-A02	0.75	0.00023	0.75	Weston SI
SB31-A02	ND	0.039	0.0195	Weston SI
SB32-A02	ND	0.039	0.0195	Weston SI
SB33-A02	ND	0.039	0.0195	Weston SI
Average			0.202125	
Current Residential SCC			0.2	
Residential SCC at Time of Investigation			0.49	

