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May 18, 2009

TO: Department of the Army
Huntington District, Corps of Engineers
502 8th Street
Huntington, West Virginia 25701

SUBJECT: Letter of Addendum to Plan of Operations, Non-Time Critical Removal
Action (McTech Corp, September 2007), Plum Brook Ordnance Works,
Pentolite Road Red Water Ponds, Sandusky, Ohio

INTRODUCTION

The purpose of this Letter of Addendum to the Plan of Operations is to address test pit and confirmation sampling activities outlined within the Scope of Work (SOW) issued under Modification 03 to Contract Number W91237-07-C-0007. The original Site-Specific Safety and Health Plan (SSHP) (McTech Corp (McTech), June 2007) and the original Quality Control Plan (McTech, June 2007) should be followed in its entirety. Applicability extends to all employees, subcontractors, and visitors. McTech will provide all equipment, labor, materials, and supervision necessary for the confirmation sampling as described in Modification 03 to Contract Number W91237-07-C-0007. McTech will conduct the confirmatory sampling in an environmentally acceptable manner conforming to existing federal, state, and local regulations under USACE Huntington District (CELRH) supervision.

FIELD ACTIVITIES

McTech will conduct test pit sampling activities outside the original remediation limits to determine possible residual risk from nitroaromatics. McTech will survey and stake the limits of the original excavation. McTech will continue to pre-survey the proposed test pit locations by staking a circle 20' (and sometimes beyond) around the original excavation limits most northern point. McTech will assume at least 3 "circles" around the original limits, with each test pit at 20' intervals along the perimeter. McTech will paint the survey stakes for each "circle" a different color as to keep them separate and label the stakes either with the sample number or a number that will correspond to the sample number that will identify the sample shipped to the laboratory.

McTech will excavate to the 10' depth identified in the original SOW or to groundwater/bedrock, whichever is encountered first. McTech will dig a 10" wide test

pit (or smallest excavator bucket possible), at each pre-staked location. McTech will collect a composite sample from the outer wall and then backfill the test pit with previously excavated soil. The soil will be compacted with the excavator bucket as it is placed in the test pits in 2" lifts. McTech will collect 124 samples, which will be analyzed for total nitroaromatics, method 8330. This information will be used to calculate the hazard index (HI) and cancer risk (ILCR) for the test pit limits outlined in Modification 03.

ON-SITE PERSONNEL AND EQUIPMENT

All on-site McTech personnel have successfully completed the 40-Hour Hazardous Waste Operations and Emergency Response (HAZWOPER) training with annual 8-hour refreshed training (OSHA requirement 29 CFR 1910.120). HAZWOPER training certificates have been attached to this addendum. The following personnel will be on site performing work under Modification 03:

<u>McTech Corp Quality Control Officer/Site Safety and Health Officer</u>	<u>Phone Number</u>
Helen Owens	(937) 478-2322
<u>McTech Corp Field Personnel</u>	<u>Phone Number</u>
Dan Cashbaugh	(216) 391-7700
	Cellular (216) 404-8109
James Russell	(216) 391-7700

McTech will use a tracked excavator (PC-220 or comparable with small bucket) to perform the activities with this project.

REFERENCES

Final Quality Control Plan, Interim Soil Removal Action Continuation, PRRWP, McTech Corp, June 2007

Final Plan of Operations Interim Soil Removal Action Continuation, PRRWP, McTech Corp, June 2007

Final Site-Specific Safety and Health Plan, Interim Soil Removal Action Continuation, PRRWP, McTech Corp, June 2007

Should you have any questions regarding this addendum, please contact me at (304) 201-2205.

Sincerely,



Kimberlie K. Chambers
Regional Manager
McTech Corp

Enclosures: Training Certificates

C&K Industrial Services, Inc.

Certificate of Completion

This certifies that
Dan Cashbaugh

Has successfully completed the
8 Hour HAZWOPER Refresher Course
in accordance with 29 CFR 1910.120



**Chuck Hawes,
Safety Manager**

February 20, 2009

Date of Completion



C&K Industrial Services, Inc.

Certificate of Completion

This certifies that
James B. Russell

Has successfully completed the
8 Hour HAZWOPER Refresher Course
in accordance with 29 CFR 1910.120



**Chuck Hawes,
Safety Manager**

February 20, 2009

Date of Completion

THE NATIONAL ENVIRONMENTAL TRAINERS

certify that

Helen Owens

has satisfactorily passed an exam and completed an 8-hour annual refresher training course entitled
Hazardous Waste Operations and Emergency Response
meeting the requirements identified in Title 29 CFR 1910.120.

This course has been awarded 1.0 Industrial Hygiene CM Points by the American Board of Industrial Hygiene-Approval Number 13334. This course is also eligible for .66 Continuance of Certification (COC) points from the Board of Certified Safety Professionals



April 09, 2008

Course Number 1001, Awarded 8 PDH's
Florida Board of Professional Engineers
CEU Provider Number 0004284

www.nationalenvironmentaltrainers.com

Signature of Instructor

Clay A. Bednarz, MS, RPIH

Certificate of Completion

This certificate was presented to

HELEN J. OWENS

for successful completion of the

60-HOUR HEALTH & SAFETY TRAINING COURSE

in accordance with the

**OSHA Education, Training and Emergency Response Operations Standard
29 CFR 1910.120**

AMERICAN
EDUCATIONAL SERVICES, INC.

ACCREDITED
COURSE

Janet M. Winkley

Director of Academic Educational Services, Inc.