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NAS CECIL FIELD
5090.3a

LETTER TRANSMITTING FIELD TASK MODIFICATION REQUEST FORM FOR JET ENGINE
CELL AND BUILDING 46 WITH ATTACHMENTS NAS CECIL FIELD FL
7/20/2011
TETRA TECH



TETRA TECH

PITT-07-11-048

July 20, 2011

Project 112G02267

BRAC PMO SE
Attn: Mr. Art Sanford
4130 Faber Place Drive
North Charleston, South Carolina 29405

Reference: CLEAN Contract No. N62470-08-D-1001
Contract Task Order JM09

Subject: Field Task Modification Request Forms, Jet Engine Test Cell and Building 46,
Modification to Sampling and Analysis Plan for Petroleum Sites: Jet Engine Test Cell;
North Fuel Farm; Day Tank 1; Building 46; and Building 271
Naval Air Station Cecil Field
Jacksonville, Florida

Dear Mr. Sanford:

Enclosed please find one copy of each subject deliverable. Copies have been sent to the members of the NAS Cecil Field Partnering Team as noted below. This document is a modification to the Sampling and Analysis Plan for Petroleum Sites: Jet Engine Test Cell, North Fuel Farm; Day Tank 1; Building 46; and Building 271, which was approved in May 2011. These FTMRs will be posted to the Cecil Field DWS and incorporated in the annual review submission of this document

These modifications were previously discussed and agreed upon; therefore, unless we hear otherwise these modifications will be incorporated in subsequent sampling events.

If you have any questions, please call me at 412-921-8163 or Megan Boerio 412-921-7271.

Sincerely,

Robert F. Simcik, P.E.
Task Order Manager

RFS/clm

Enclosure

cc: D. Vaughn-Wright, U.S. EPA (electronic copy)
D. Grabka, FDEP (1 copy)
M. Davidson, BRAC PMO SE (electronic copy)
S. Martin, NAVFAC Atlantic (electronic copy)
M. Halil, CH2MHill (electronic copy)
J. Trepanowski, Tetra Tech
S. Currie, Tetra Tech File JM09 (1 copy unbound)



**TETRA TECH NUS
FIELD TASK MODIFICATION REQUEST FORM**

LTM/NAS Cecil Field
Project/Installation Name

CTO JM09, 112G02267
CTO & Project Number

02
Task Mod. Number

SAP for BOA Petroleum Sites (Mar 2011)
Modification To (e.g. Work Plan)

Building 46
Site/Sample Location

7/8/11
Date

Activity Description: At Building 46, nine wells are being sampled on a quarterly basis to monitor the groundwater COC concentrations by comparing the results against FDEP Groundwater Cleanup Target Levels (GCTLs) and Natural Attenuation Default Criteria (NADCs). An air sparge system was previously present on site, and it was removed from the site prior to the February 2011 BCT meeting (Minute No. 2666). The system was shut down in December 2009. It was decided at the May 2011 BCT meeting that the sampling frequency will change to semi-annual at this site because more than four quarterly events had taken place after active remediation was discontinued (Minute No. 2680, Decision No. 811). Semi-annual monitoring events at Building 46 are to take place in March and September. Also, well CEF-046-27D is no longer sampled at Building 46, so the new number of samples collected will be eight for sulfate.

Figure 10D-1 from the UFP-SAP has been updated and presents the wells to be sampled at Building 46, and Table 1 shows the parameters and sampling locations.

Reason for Change: More than four quarterly events were conducted following system shut-down, and concentrations are generally decreasing across the site, so the BCT decided that the change in sampling frequency from quarterly to semi-annual is appropriate.

Recommended Disposition: Verification of acceptance of the revised sampling program via approval of this FTMR via e-mail approval from Tetra Tech PM, BRAC PMO RPM, and FDEP (attached in project file).

J.E. Johnston (see approval disp.)
Quality Assurance Manager (QAPP lead developer)

7-20-11
Date

Approved Disposition:

Figure 10D-1 shows well CEF-046-25E as still being part of the monitoring plan. This well will no longer be sampled, in agreement with the UFP-SAP, and the table attached to this FTMR.

[Signature]
Project/Task Order Manager (Signature)

7/19/11
Date

Distribution:

Program/Project File – 112G02267
Project/Task Order Manager – Robert Simcik
Field Operations Leader – Kara Wimble
BRAC PMO RPM – Art Sanford

Other: _____

ATTACHMENT 1

Table

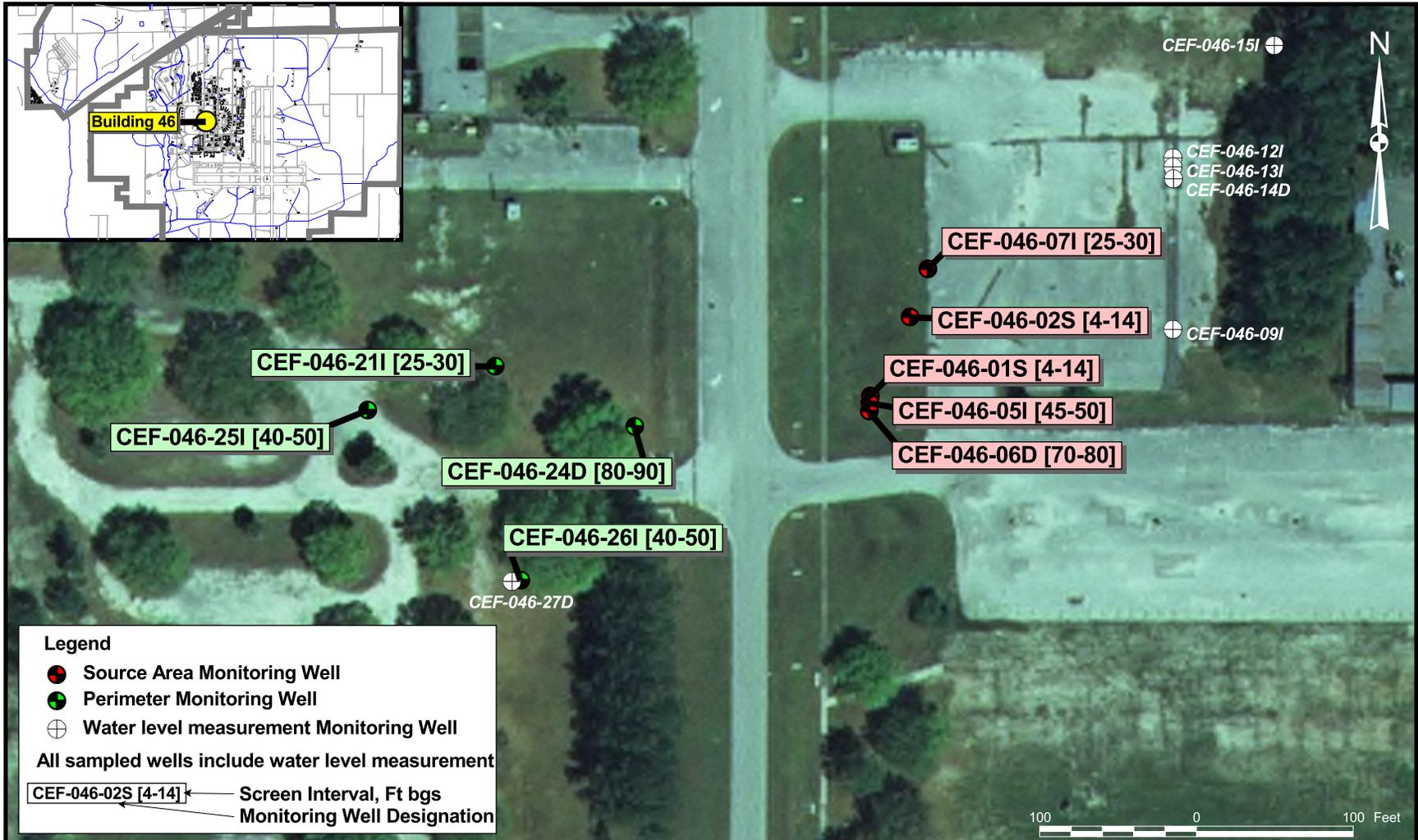
TABLE 1
BUILDING 46
ANALYTICAL SAMPLING SUMMARY

Field Task Modification Request
 Naval Air Station Cecil Field
 Jacksonville, Florida

GROUNDWATER				
COC	# of Samples	Sample IDs	# of QC Samples	Laboratory Method
VOCs: Benzene, toluene, ethylbenzene, xylenes, MTBE	7	CEF-046-01S, CEF-046-02S, CEF-046-05I, CEF-046-07I, CEF-046-21I, CEF-046-24D, CEF-046-26I	1 duplicate, 1 MS/MSD	SW-846 8260B
PAHs: 1-methylnaphthalene, 2-methylnaphthalene, naphthalene				SW-846 8270 SIM
TRPH				FL-PRO
Sulfate	8	CEF-046-01S, CEF-046-02S, CEF-046-05I, CEF-046-06D, CEF-046-07I, CEF-046-21I, CEF-046-24D, CEF-046-26I		SW-846 9056A/EPA 300.0

ATTACHMENT 2

Figure



DRAWN BY	DATE
MJJ	07Apr10
CHECKED BY	DATE
COST/SCHEDULE-AREA	
SCALE AS NOTED	



MONITORING WELL LOCATION MAP
 BUILDING 46
 NAVAL AIR STATION CECIL FIELD
 JACKSONVILLE, FLORIDA

CONTRACT NUMBER 2267	
APPROVED BY	DATE
APPROVED BY	DATE
DRAWING NO. FIGURE 10D-1	REV 0