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NAS CECIL FIELD
5090.3a

LETTER REGARDING FIELD TASK MODIFICATION REQUEST FORMS FOR JET ENGINE
TEST CELL, BUILDING 46 AND BUILDING 271 SAMPLING AND ANALYSIS PLAN 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.

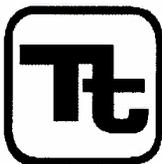
Sincerely,

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

01
Task Mod. Number

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

JETC
Site/Sample Location

7/8/11
Date

Activity Description: At Jet Engine Test Cell (JETC), five 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). Total recoverable petroleum hydrocarbons (TRPH) concentrations in the downgradient well (CEF-334-02SA) were elevated at levels greater than the GCTL during the December 2010 and March 2011 sampling events. During the February 2011 BCT meeting, the Team agreed that an additional downgradient monitoring point was needed to ensure that the plume boundary is defined and the plume is not migrating. Well CEF-334-32S, an existing well on-site, was selected to be sampled during the March 2011 event as the potential new downgradient well. The well was sampled and there were no COCs reported at concentrations greater than the GCTLs. Therefore, the well was acceptable as a downgradient well.

The new downgradient monitoring well will subsequently be sampled for select PAHs as part of the on-going LTM program. Table 1 shows the parameters and sampling locations including the new downgradient well. Figure 10A-2 from the UFP-SAP has been updated to include the change, and is attached.

Reason for Change: Concentrations of TRPH in the downgradient well exceeded the GCTL and have been increasing for the past three sampling events. Changes to the sampling plan are in accordance with the decision rules established in the March 2011 Petroleum Sites SAP.

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
Quality Assurance Manager (QAPP lead developer)

7-20-11
Date

Approved Disposition:

Robert Simcik
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

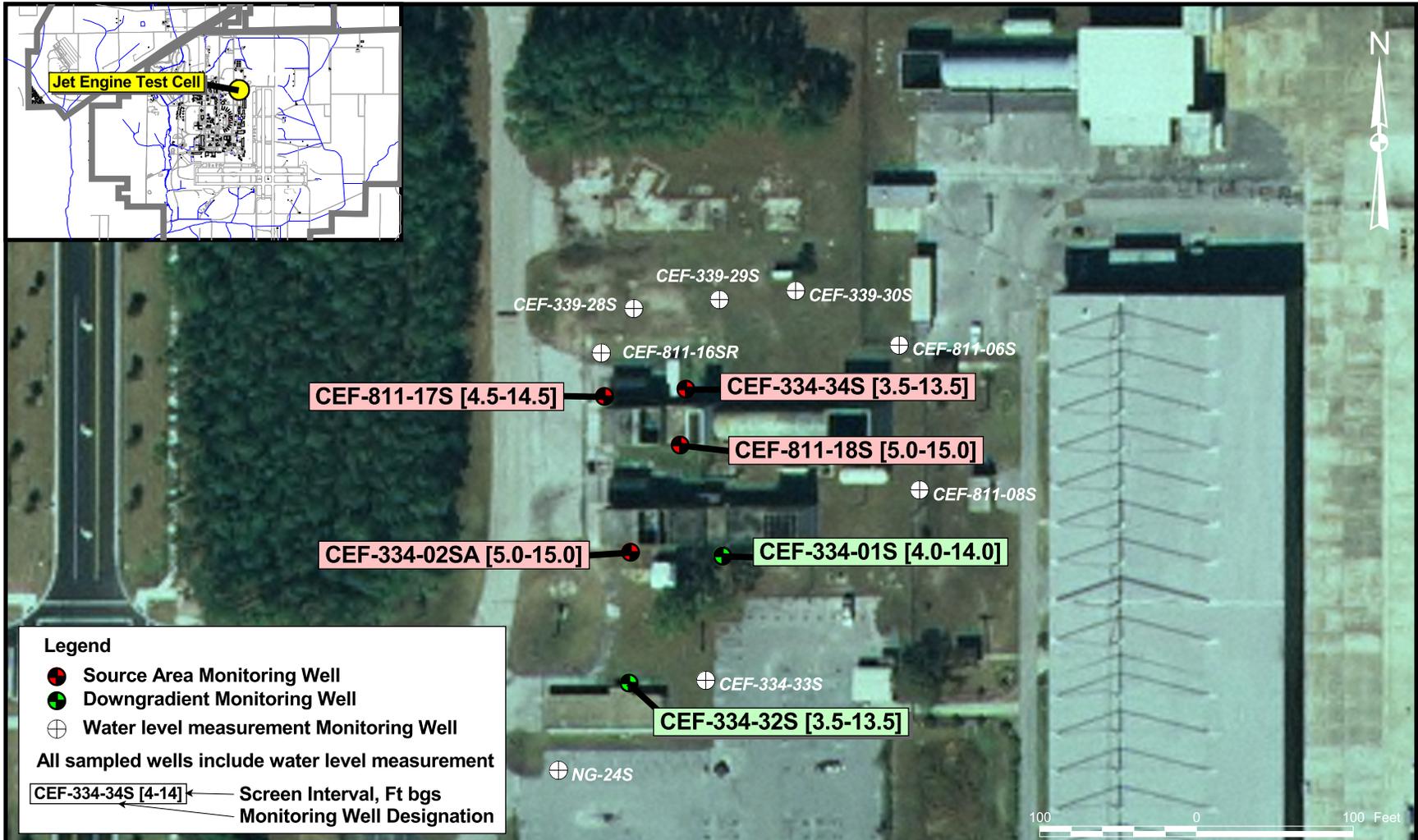
TABLE 1
JET ENGINE TEST CELL
ANALYTICAL SAMPLING SUMMARY

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

GROUNDWATER				
COC	# of Samples	Sample IDs	# of QC Samples	Laboratory Method
PAHs: 1-methylnaphthalene/2-methylnaphthalene/naphthalene	5	CEF-334-01S, CEF-811-17S, CEF-811-18S, CEF-334-34S, CEF-334-02SA	1 duplicate, 1 MS/MSD	SW-846 8270 SIM
TRPH	6	CEF-334-01S, CEF-811-17S, CEF-811-18S, CEF-334-32S, CEF-334-34S, CEF-334-02SA		FL-PRO

ATTACHMENT 2

Figure



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



MONITORING WELL LOCATION MAP
 JET ENGINE TEST CELL (JETC)
 NAVAL AIR STATION CECIL FIELD
 JACKSONVILLE, FLORIDA

CONTRACT NUMBER 2267	
APPROVED BY	DATE
APPROVED BY	DATE
DRAWING NO. FIGURE 10A-2	REV 0