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NAS CECIL FIELD
5090.3a

EMAIL REGARDING REGULATORY REVIEW AND APPROVAL OF FIELD TASK
MODIFICATION REQUEST FOR SITE 3 NAS CECIL FIELD FL
6/11/2012
U S EPA REGION IV

**NAS Cecil Field
OU8, Site 3
EPA Approval of FTMR (BOA IR SAP FTMR 06)**

From: Debbie Vaughn-Wright [mailto:Vaughn-Wright.Debbie@epamail.epa.gov]

Sent: Monday, June 11, 2012 1:21 PM

To: Simcik, Robert

Cc: Sanford, Art F CTR NAVFACHQ, BRAC PMO; Criswell, David CIV OASN (EI&E), BRAC PMO SE (david.criswell@navy.mil); Grabka, David; Jessica Keener (keenerj@solutions-ies.com); Davidson, Mark E CIV NAVFACHQ, BRAC PMO; Jonnet, Mark; Boerio, Megan; Michael.Halil@CH2M.com; 'Robert Simcik' (simcik.robert@gmail.com); Martin, Stacin CIV NAVFAC LANT, EV

Subject: Re: Cecil Field _ Field Task Modification Request (FTMR) Forms for Site 3

Team:

The Site 3 Field Task Modification Request appears adequate for its intended purpose.

Thank you,
Deborah Vaughn-Wright
U.S. Environmental Protection Agency
Superfund Division
404/562-8539 (Direct)
404/562-8518 (Fax)
404/272-7466 (Blackberry)
vaughn-wright.debbie@epa.gov (email)

▼ "Simcik, Robert" ---06/08/2012 03:12:57 PM---Team, attached are the FTMR forms and transmittal letter for the proposed modification to the UFP SA

From: "Simcik, Robert" <Robert.Simcik@tetrattech.com>
To: "Sanford, Art F CTR NAVFACHQ, BRAC PMO" <art.sanford.ctr@navy.mil>, "Davidson, Mark E CIV NAVFACHQ, BRAC PMO" <mark.e.davidson@navy.mil>, "Martin, Stacin CIV NAVFAC LANT, EV" <stacin.martin@navy.mil>, "Criswell, David CIV OASN (EI&E), BRAC PMO SE" (david.criswell@navy.mil)" <david.criswell@navy.mil>, Debbie Vaughn-Wright/R4/USEPA/US@EPA, "Grabka, David" <David.Grabka@dep.state.fl.us>, "Jessica Keener" (keenerj@solutions-ies.com)" <keenerj@solutions-ies.com>, "Michael.Halil@CH2M.com" <Michael.Halil@CH2M.com>, "Boerio, Megan" <Megan.Boerio@tetrattech.com>, "Jonnet, Mark" <Mark.Jonnet@tetrattech.com>, "Robert Simcik" (simcik.robert@gmail.com)" <simcik.robert@gmail.com>
Date: 06/08/2012 03:12 PM
Subject: Cecil Field _ Field Task Modification Request (FTMR) Forms for Site 5 and Site 3 _ electronic submission

Team, attached are the FTMR forms and transmittal letter for the proposed modification to the UFP SAP as discussed and agreed to at the May 2012 BCT meeting. Your review and e-mail (or letter) approval is requested. Hard copies will be provided to the appropriate locations and the document will be posed to the Cecil Field Document Warehouse System (DWS).

For Site 3, the solar panels are in so we just need to conduct the baseline sampling prior to system startup and are currently scheduled to conduct that sampling the week of June 25, 2012, so your review of the attached is appreciated. For Site 5 we have agreement on the location of the three new monitoring wells to be installed and are working on procurement of drillers for that effort and will implement the identified sampling program once they are in place.

Please let us know if there are any questions.

Thanks, Rob.

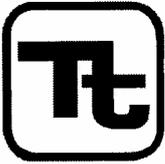
Robert Simcik P.E. | Project Manager

Direct: 412.921.8163 | Main: 412.921.7090 | Fax: 412.921.4040 / Cell: 412-973-5809

robert.simcik@tetratech.com

Tetra Tech | Site Development Department

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TETRA TECH NUS FIELD TASK MODIFICATION REQUEST FORM

LTM/NAS Cecil Field
Project/Installation Name

CTO JM09, 112G02267
CTO & Project Number

06
Task Mod. Number

SAP for Long-Term Monitoring At IR Sites
3,5,16,17,21,57, and 18, March 2011
Modification To (e.g. Work Plan)

Site 3
Site/Sample Location

6/08/12
Date

Activity Description: A solar-powered air sparge system is being installed at OU8, Site 3 as part of a Pilot Study. The system was installed in accordance with the approved Pilot Study Work Plan for Solar Powered Low Volume Air Sparging Treatment Curtain at Operable Unit 8, Site 3 (Tetra Tech, April 2012). As part of the pilot study, additional wells and well points were installed to monitor the effectiveness of the system. Wells CEF-003-40S and CEF-003-41S and well points WP#3 and WP#4 were installed the week of May 7, 2012. These wells and well points, along with well CEF-003-031S and well point WP#2 that were already present on site, will be sampled and analyzed for VOCs prior to system start up in accordance with the approved Work Plan and the UFP-SAP approved for Site 3 groundwater and surface water monitoring efforts. These results will be used as a baseline for comparison after system start up. Table 1 shows the wells and well points to be sampled, the analyses required, and the sampling frequency (before system start up, one month after start up, quarterly for four events, and annual). Figure 1 shows these wells and well points in relation to the site features and the solar-powered sparge system components. The current LTM program at Site 3 involves annual monitoring of three shallow wells for 19 VOCs; 6 shallow wells and two intermediate wells for the same 19 VOCs along with 6 SVOCs, and natural attenuation (NA) parameters; and one well point for 19 VOCs, 6 SVOCs, and NA parameters. The resulting groundwater and surface water COC concentrations are then compared against FDEP Groundwater Cleanup Target Levels (GCTLs), FDEP Surface Water Cleanup Target Levels (SWCTLs), and Natural Attenuation Default Criteria (NADCs). The newly-installed monitoring wells and well points are to be added into the regular annual LTM program, but are also to be sampled additionally, according to the approved Work Plan. After one year of monitoring of the wells and well points in the area of the sparge system, the frequency of the sampling will be re-evaluated by the team. All analytical SOPs that are needed for the groundwater and surface water analyses are included in the SAP.

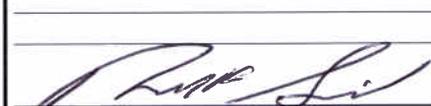
Reason for Change: Additional wells and well points were installed as part of the Pilot Study for Solar-Powered Low-Volume Air Sparging Treatment Curtain at Site 3, NAS Cecil Field, and the new wells and well points must be added to the sampling and analysis plan to ensure that contamination does not enter the creek, and to monitor the effectiveness of the system. Changes to the sampling plan are in accordance with the decision rules established SAP.

Recommended Disposition: Verify acceptance of the revised sampling program via approval of this FTMR by e-mail approval from Tetra Tech PM, NAVFAC SE RPM, and FDEP; and attach these emails to this FTMR and add them to the project file.


Quality Assurance Manager (QAPP lead developer)

6-7-12
Date

Approved Disposition:


Project/Task Order Manager (Signature)

6/7/12
Date

Distribution:

Program/Project File -- 112G02267
Project/Task Order Manager – Robert Simcik
Field Operations Leader – David Siefkin
NAVFAC SE RPM – Art Sanford

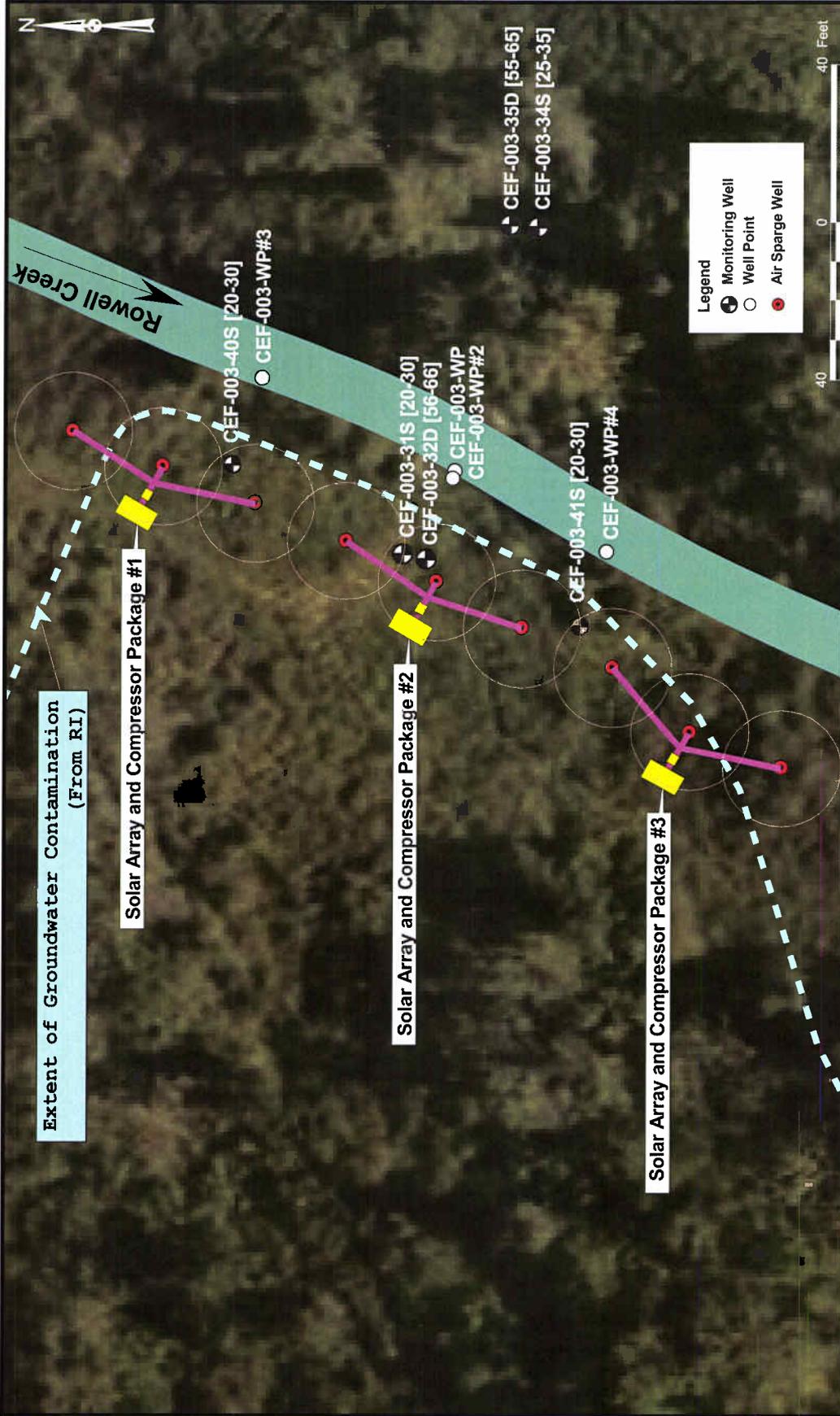
Other: _____

TABLE 1
SITE 3
ANALYTICAL SAMPLING SUMMARY FOR WELLS AND WELL POINTS
ADDED TO THE LTM PROGRAM

Field Task Modification Request 06
 Naval Air Station Cecil Field
 Jacksonville, Florida

COC	# of Samples	Sampling Frequency	Sampling Location IDs	# of QC Samples	Laboratory Method ¹
GROUNDWATER					
VOCs:1,1,1-trichloroethane; 1,1,2-trichloroethane; 1,1-dichloroethane; 1,1-dichloroethene; 1,2-dichloroethane; 1,2-dichloropropane; benzene, carbon tetrachloride; chloroethane; chloroform; cis-1,2-dichloroethene; ethylbenzene; methylene chloride; tetrachloroethene; toluene; trans-1,2-dichloroethene; trichloroethene; vinyl chloride, total xylenes	5	Baseline prior to system start-up, one month after system start-up, Quarterly for one year (3 months after system start-up and then for the next three quarters), Annually as part of the LTM program	CEF-003-31S, CEF-003-40S, CEF-003-41S	1 Duplicate + 1 Trip blank	SW 846 8260B
SURFACE WATER					
VOCs:1,1,1-trichloroethane; 1,1,2-trichloroethane; 1,1-dichloroethane; 1,1-dichloroethene; 1,2-dichloroethane; 1,2-dichloropropane; benzene, carbon tetrachloride; chloroethane; chloroform; cis-1,2-dichloroethene; ethylbenzene; methylene chloride; tetrachloroethene; toluene; trans-1,2-dichloroethene; trichloroethene; vinyl chloride, total xylenes	3	Baseline prior to system start-up, one month after system start-up, Quarterly for one year (3 months after system start-up and then for the next three quarters), Annually as part of the LTM program	CEF-003-WP#2, CEF-003-WP#3, CEF-003-WP#4	1 Duplicate	SW 846 8260B

1 - Laboratory SOPs are included in the UFP-SAP.



DRAWN BY MJJ DATE 05Jun12	CONTRACT NUMBER 2267
CHECKED BY DATE COST/SCHEDULE-AREA SCALE AS NOTED	APPROVED BY DATE APPROVED BY DATE DRAWING NO. FIGURE 1
SOLAR SYSTEM LAYOUT AND SYSTEM MONITORING WELLS AND WELL POINTS OPERABLE UNIT 8, SITE 3 NAVAL AIR STATION CECIL FIELD JACKSONVILLE, FLORIDA	
REV 0	