

N60200.AR.002984  
NAS CECIL FIELD, FL  
5090.3a

SITE ASSESSMENT REPORT ADDENDUM 2 LETTER REPORT FOR BUILDING 367 TANK  
367 NAS CECIL FIELD FL  
6/14/2001  
TETRA TECH NUS INC



**TETRA TECH NUS, INC.**

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(904) 281-0400 ■ FAX (904) 281-0070 ■ www.tetrattech.com

Document Tracking No. 01JAX0092

June 14, 2001

Project Number 0486

Mr. David Grabka  
Remedial Project Manager  
Technical Review/Federal Facilities  
Florida Department of Environmental Protection  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Reference: Clean Contract No. N62467-94-D-0888  
Contract Task Order No. 0121

Subject: Site Assessment Report Addendum II  
Building 367, Tank 367  
Former Naval Air Station Cecil Field  
Jacksonville, Florida

Dear Mr. Grabka:

Tetra Tech NUS, Inc. (TtNUS) is pleased to submit this Site Assessment Report Addendum (SARA) II for the referenced Contract Task Order (CTO). This report was prepared by TtNUS for the United States Navy Southern Division, Naval Facilities Engineering Command (SOUTHNAVFACENGCOM) under the Comprehensive Long-term Environmental Action Navy (CLEAN) Contract Number N62467-94-D-0888. This SARA is TtNUS' response to the Florida Department of Environmental Protection's (FDEP) technical review (Attachment A) of the Building 367, Tank 367 Annual Groundwater Monitoring Report (Harding Lawson Associates [HLA], 2000). Attachment B shows the site location and layout. The guidance document for this report is Chapter 62-770, Florida Administrative Code (FAC).

#### **BACKGROUND**

The FDEP approved the SARA and Monitoring Only Proposal for Natural Attenuation (MONA) for this site on September 30, 1999 (Attachment C). HLA initiated groundwater-monitoring activities in August 1999. In March 2000, HLA conducted the second semi-annual groundwater-monitoring event and submitted a report recommending no further action (NFA) for Building 367. However, HLA noted that the source well CEF-367-2S could not be located and they had substituted a temporary well in its place. As Attachment A indicates, the FDEP did not concur with the NFA request. Instead, the FDEP stated that the monitoring well CEF-367-2S should be found and re-sampled. At SOUTHNAVFACENGCOM's request, TtNUS re-installed the monitoring well and sampled the four wells required by the MONA order.

#### **FIELD OPERATIONS**

TtNUS attempted to locate monitoring well CEF-367-2S using a magnetic locator but was unable to find the well. On March 30, 2001, TtNUS personnel used an HLA map from the last sampling event to re-locate the position of monitoring well CEF-367-2SR. The location was scaled off the map from existing structures and monitoring well CEF-367-5D. The monitoring well was subsequently re-installed and labeled CEF-367-2SR. The boring log and monitoring well construction diagram are provided in

Mr. David Grabka  
FDEP  
June 14, 2001 – Page 2

Attachment D. The re-installation of the well and subsequent sampling were conducted in general accordance with the Base-wide Generic Work Plan for the former Naval Air Station Cecil Field, Volumes I and II (TINUS, 1998).

Since monitoring well elevation data for the existing wells is incomplete and would require additional fieldwork, TINUS considered it unnecessary to obtain the data in view of the analytical data and existing groundwater flow data. Attachment E contains the flow maps from the two-groundwater sampling events conducted by HLA. The groundwater flow direction is consistently to the southeast.

On April 10, 2001, groundwater samples were collected from CEF-367-2SR, CEF-367-3S, CEF-367-4S, and CEF-367-6S. The samples were placed on ice and shipped overnight by Federal Express to Accura Laboratories in Norcross, Georgia, for analysis. The samples were analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method SW846 8260B and polynuclear aromatic hydrocarbons (PAHs) by USEPA Method SW846 8270C. The reported detection limits for these methods meet the requirements for the contaminants of concern (COC) stipulated in the MONA order. A copy of the laboratory report is provided in Attachment F.

## RESULTS

The results of the April 2001 sampling event were reviewed and no COCs were detected.

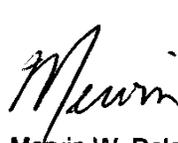
## CONCLUSIONS and RECOMMENDATIONS

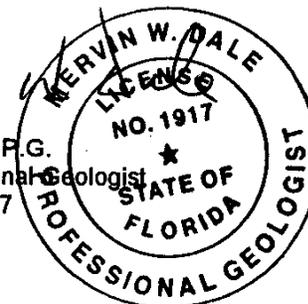
There appear to be no existing petroleum impacts to the groundwater at Building 367 from former Tank 367. Based on this new field data and the results from previous sampling events, TINUS recommends NFA for the site.

If you have any questions with regard to this submittal, please contact me at (850) 385-9899 extension 24.

Sincerely,

  
Paul E. Calligan, P.G.  
Task Order Manager

  
Mervin W. Dale, P.G.  
Florida Professional Geologist  
P.G. No. 0001917



PEC/mwd

Attachments (6)

cc: N. Ugolini, SOUTHDIV (1 CD)  
D. Vaughn-Wright, USEPA (1 Copy)  
D. Wroblewski (cover letter only)  
M. Perry (1 copy unbound)

Mr. David Grabka  
TiNUS-JAX-FY00-0024  
June 15, 2001 – Page 3

bcc: M. Dale, TiNUS (1 copy)  
R. Simcik, TiNUS (1 copy, bookcase file)  
J. Johnson, TiNUS (1 copy, Information Repository)

**ATTACHMENT A**  
**FDEP**  
**ANNUAL GROUNDWATER MONITORING REPORT**  
**REVIEW LETTER**



# Department of Environmental Protection

Jeb Bush  
Governor

Twin Towers Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

David B. Struhs  
Secretary

July 6, 2000

Commanding Officer  
Mr. Nick Ugolini, Code 1843  
SOUTHNAVFACENGCOM  
Post Office Box 190010  
North Charleston, SC 29419-0068

RE: Building 367, Tank 367, Semi-Annual/Annual Groundwater  
Monitoring Report, Naval Air Station Cecil Field,  
Florida.

Dear Mr. Ugolini:

I have completed the technical review of the Annual  
Groundwater Monitoring Report, dated June 2000 (received June 5,  
2000) submitted for the above-referenced site. FDEP does not  
concur with the proposed recommendation of No Further Action for  
this site. Monitoring well CEF 367-2S should be found and  
resampled for USEPA Methods 602 and 8310. Based on this data, a  
recommendation should be submitted for future actions at this  
site.

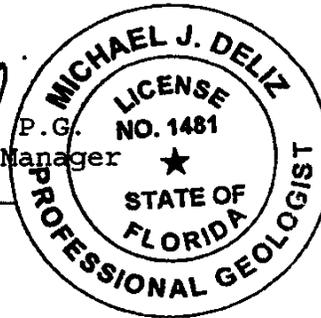
If you have any concerns regarding this letter, please  
contact me at (850) 921-9991.

Sincerely,

Michael J. Deliz, P.G.  
Remedial Project Manager

6-JULY-00

Date



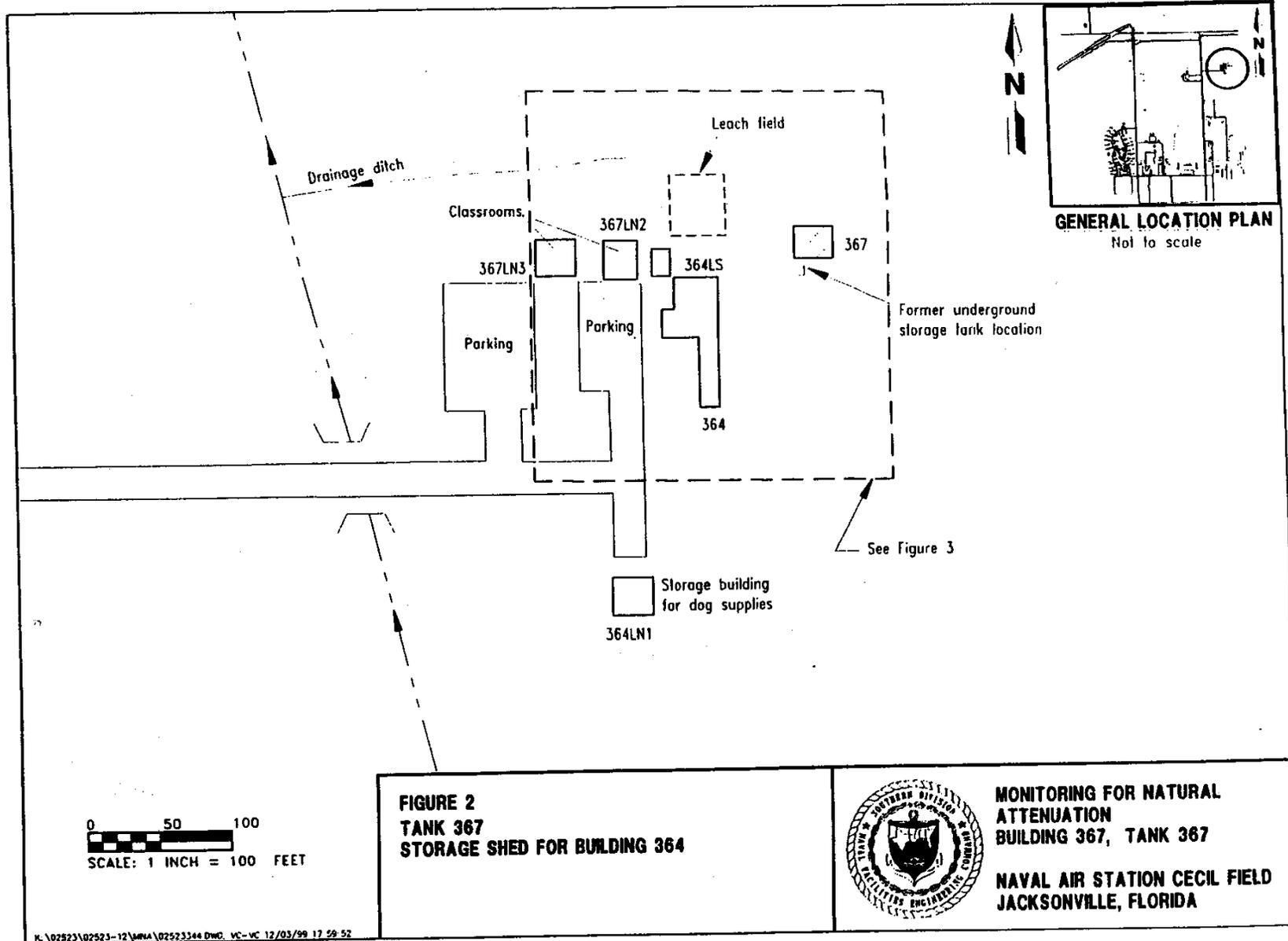
CC: Debbie Vaughn-Wright, USEPA - Atlanta  
John Flowe, City of Jacksonville  
Scott Glass, SOUTHNAVFACENGCOM  
Mark Speranza, TTNUS - Pittsburgh

TJB B JJC JJC ESN ESN

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**ATTACHMENT B**  
**SITE LOCATION AND LAYOUT**



**FIGURE 2**  
**TANK 367**  
**STORAGE SHED FOR BUILDING 364**



**MONITORING FOR NATURAL  
 ATTENUATION  
 BUILDING 367, TANK 367**

**NAVAL AIR STATION CECIL FIELD  
 JACKSONVILLE, FLORIDA**

**ATTACHMENT C**  
**FDEP SARA AND MONA APPROVAL LETTER**



Jeb Bush  
Governor

# Department of Environmental Protection

Twin Towers Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

David B. Struhs  
Secretary

September 30, 1999

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Commanding Officer  
Mr. Bryan Kizer, Code 1842  
SOUTHNAVFACENGCOM  
Post Office Box 190010  
North Charleston, SC 29419-9010

RE: Site Assessment Report Addendum and Monitoring Only Proposal for Natural Attenuation, Facility 367, Naval Air Station Cecil Field, Florida.

Dear Mr. Kizer:

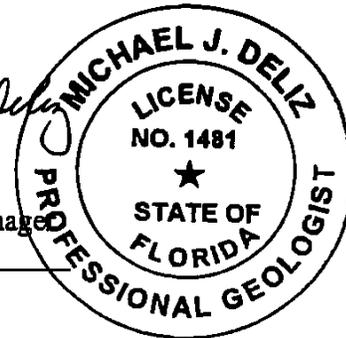
I have reviewed the Site Assessment Report Addendum and Monitoring Only Proposal for Natural Attenuation dated July 1999 (received July 9, 1999), submitted for this site. Based upon my review and comments, the enclosed Monitoring Only Plan for Natural Attenuation was signed by Mr. Douglas A. Jones, Chief of the Bureau of Waste Cleanup.

If I can be of any further assistance with this matter, please contact me at (850) 921-9991.

Sincerely,

Michael J. Deliz, P.G.  
Remedial Project Manager  
30-SEPT-99

Date



CC: Debbie Vaughn-Wright, USEPA  
John Flowe, City of Jacksonville  
Scott Glass, SOUTHNAVFACENGCOM  
Dave Kruzicki, NAS Cecil Field  
Eric Blomberg, HLA - Tallahassee

TJB B JJC JJC ESN ESN

*"Protect, Conserve and Manage Florida's Environment and Natural Resources"*



Jeb Bush  
Governor

# Department of Environmental Protection

Twin Towers Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

David B. Struhs  
Secretary

September 30, 1999

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

Commanding Officer  
Mr. Bryan Kizer, Code 1842  
SOUTHNAVFACENGCOM  
Post Office Box 190010  
North Charleston, South Carolina 29419-0068

Subject: Natural Attenuation Monitoring Plan Approval Order  
Facility 367, Tank 367  
Naval Air Station Cecil Field, Florida

Dear Mr. Kizer:

The Bureau of Waste Cleanup has completed the review of the Site Assessment Report Addendum and Natural Attenuation Monitoring Plan dated July 1999 (received July 9, 1999), submitted for this site. Pursuant to Rule 62-770.690, Florida Administrative Code (F.A.C.), the Department of Environmental Protection approves the Natural Attenuation Monitoring Plan. Pursuant to Rule 62-770.690(7), F.A.C., you are required to complete the monitoring program outlined below. The first sampling event should be performed within 60 days of receipt of this Natural Attenuation Monitoring Plan Approval Order (Order). Water-level measurements should be made immediately prior to each sampling event. The analytical results (laboratory report), chain of custody, cumulative summary table of the analytical results, site map(s) illustrating the most recent analytical results, and the water-level elevation information (cumulative summary table and most recent flow interpretation map), should be submitted to the Department within 60 days of sample collection.

<u>Monitoring Wells</u>	<u>Contaminants of Concern</u>	<u>Frequency</u>	<u>Duration</u>
MW-367-2S, MW-367-3S, MW-367-4S and MW-367-6S	Benzene, Naphthalene, and 1- Methylnapthalene,	Semi-annual	One Year

If concentrations of chemicals of concern in any of the designated wells increase above the action levels listed below, the well or wells must be resampled no later than 30 days after the

Mr. Bryan Kizer  
Page Two  
September 30, 1999

initial positive results are known. If the results of the resampling confirm the initial sampling results, then a proposal must be submitted, as described in Rule 62-770.690(7)(f), F.A.C.

Contaminated wells:

MW-367-2S: 100 µg/l Benzene; 200 µg/l 1- Methyl naphthalene, and 200 µg/l Naphthalene

Perimeter wells :

MW-367-3S, MW-367-4S, and MW-367-6S: 1 µg/l Benzene; 20 µg/l 1- Methyl naphthalene, and 20 µg/l Naphthalene.

The approved Remedial Action by Natural Attenuation monitoring period is 5 years. "Milestone" objectives should be established if monitoring is projected to take greater than one year. The following are the "milestone" objectives that will be used for annual evaluation of remediation progress by natural attenuation. An explanation of the progress relative to these milestone objectives, and the need for corrective action (if applicable), should be provided in the annual evaluation:

<u>Benzene</u>	<u>MW-367-2S</u>
End of year 1	10 µg/l
End of year 2	5 µg/l
End of year 3	4 µg/l
End of year 3	2 µg/l
End of year 3	<1 µg/l

<u>Naphthalene</u>	<u>MW-367-2S</u>
End of year 1	40 µg/l
End of year 2	30 µg/l
End of year 3	25 µg/l
End of year 4	20 µg/l
End of year 5	<20 µg/l

<u>1-Methyl Naphthalene</u>	<u>MW-367-2S</u>
End of year 1	40 µg/l
End of year 2	30 µg/l
End of year 3	25 µg/l
End of year 4	20 µg/l
End of year 5	<20 µg/l

Mr. Bryan Kizer  
Page Three  
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If the applicable No Further Action criteria in Rule 62-770.680, F.A.C., are met at the end of the monitoring period, a Site Rehabilitation Completion Report, summarizing the monitoring program and containing documentation supporting the opinion that the cleanup objectives have been achieved, should be submitted as required in Rule 62-770.690(8), F.A.C. If the applicable No Further Action criteria in Rule 62-770.680, F.A.C., are not met following five years of monitoring, then a report summarizing the monitoring program should be submitted, including a proposal as described in Rule 62-770.690(7)(g), F.A.C.

#### Legal Issues

The Department's Order shall become final unless a timely petition for an administrative proceeding (hearing) is filed under Sections 120.569 and 120.57, Florida Statutes (F.S.), within 21 days of receipt of this Order. The procedures for petitioning for a hearing are set forth below.

Persons affected by this Order have the following options:

If you choose to accept the above decision by the Department about the Site Assessment Report Addendum and Natural Attenuation Monitoring Plan you do not have to do anything. This Order is final and effective as of the date on the top of the first page of this Order.

If you disagree with the decision, you may do one of the following:

1. File a petition for administrative hearing with the Department's Office of General Counsel within 21 days of receipt of this Order; or
2. File a request for an extension of time to file a petition for hearing with the Department's Office of General Counsel within 21 days of receipt of this Order. Such a request should be made if you wish to meet with the Department in an attempt to informally resolve any disputes without first filing a petition for hearing.

Please be advised that mediation of this decision pursuant to Section 120.573, Florida Statutes (F.S.), is not available.

#### How to Request an Extension of Time to File a Petition for Hearing

For good cause shown, pursuant to Rule 62-110.106(4), F.A.C., the Department may grant a request for an extension of time to file a petition for hearing. Such a request must be filed (received) in the Department's Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, within 21 days of receipt of this Order. Petitioner, if different from Commanding Officer, Naval Air Station Cecil Field, shall mail a copy of the request to Commanding Officer, Naval Air Station Cecil Field at the time of filing. Timely filing a request for an extension of time tolls the time period within which a petition for administrative hearing must be made.

**ATTACHMENT D**  
**BORING LOG AND**  
**MONITORING WELL CONSTRUCTION DIAGRAM**



Tetra Tech NUS, Inc.

WELL No.:

CEF-367-MW2SR

**MONITORING WELL SHEET**

PROJECT: NAS CECIL FIELD

DRILLING Co.:

Partridge

BORING No.:

CEF-367-MW2SR

PROJECT No.: 3996

DRILLER:

M. NICHOLSON

DATE COMPLETED:

03/27/2001

SITE:

BLDG 367

DRILLING METHOD:

Hollow Stem

NORTHING:

GEOLOGIST:

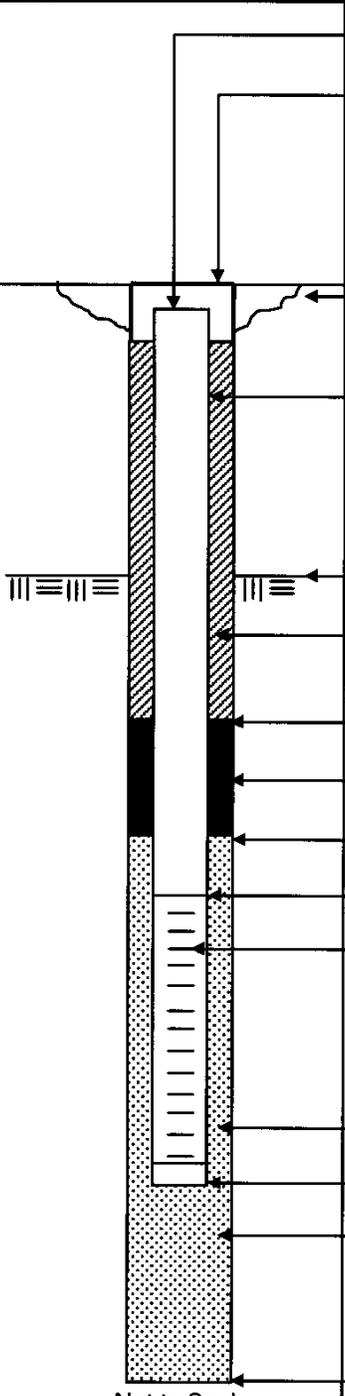
L. Knight

DEV. METHOD:

Submersible

EASTING:

Ground Elevation =  
Datum:



Elevation / Depth of Top of Riser: 1 2IN.

Elevation / Height of Top of Surface Casing: 1 Flush

I.D. of Surface Casing: 8 inch

Type of Surface Casing: Steel, bolt-down

Type of Surface Seal: Concrete

I.D. of Riser: 2 inch

Type of Riser: Sch. 40, PVC

Borehole Diameter: 8 inch

Elevation / Depth Top of Rock: N/A

Type of Backfill: Portland Cement Type I

Elevation / Depth of Seal: 1 0.6 ft

Type of Seal: Medium Sand (30/65 grade)

Elevation / Depth of Top of Filter Pack: 1 1.1 ft

Elevation / Depth of Top of Screen: 1 1.8 ft

Type of Screen: Sch. 40, PVC

Slot Size x Length: 0.010 inch x 10 ft.

I.D. of Screen: 2 inch

Type of Filter Pack: Coarse Sand (20/30 grade)

Elevation / Depth of Bottom of Screen: 1 11.8 ft

Elevation / Depth of Bottom of Filter Pack: 1 12.0 ft

Type of Backfill Below Well: Coarse Sand (20/30 grade)

Elevation / Total Depth of Borehole: 1 12.0 ft

Not to Scale

# BORING LOG



Tetra Tech NUS, Inc.

Page 6 of 1

PROJECT NAME: NAS CECIL FIELD BORING NUM CEF  
 PROJECT NUMBER: N3996JG0050380 DATE: 3.30.01  
 DRILLING COMPANY: Partridge Drilling GEOLOGIST: Louis Knight  
 DRILLING RIG: B-3500 DRILLER: MIKE NICHOLSON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S	Remarks	PID/FID Reading (ppm)								
					Soil Density/Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole*	Driller BZ*					
				↑			SAND, VERY FINE											
				FINE			GRAY/YELLOW		SLIGHT TO									
							BROWN/PINK		MODERATE									
							BROWN/YELLOW		HC ODOR									
							NATIVE		5-12'									
				↓			COARSE SAND											
				RQD SAND			FILL											
				↓			(20/30?)											
				12' TD														

\* When rock or rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

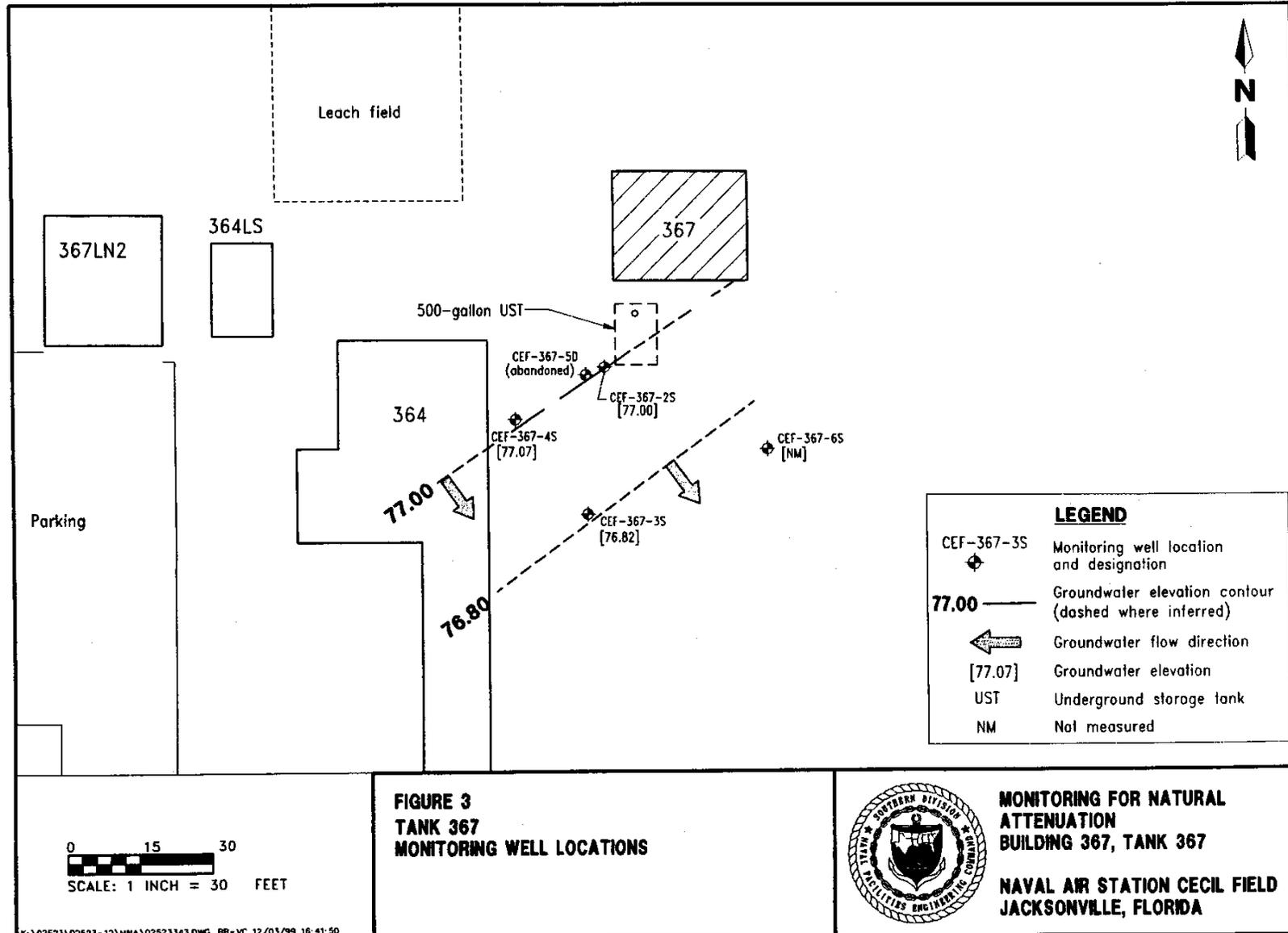
Remarks: \_\_\_\_\_

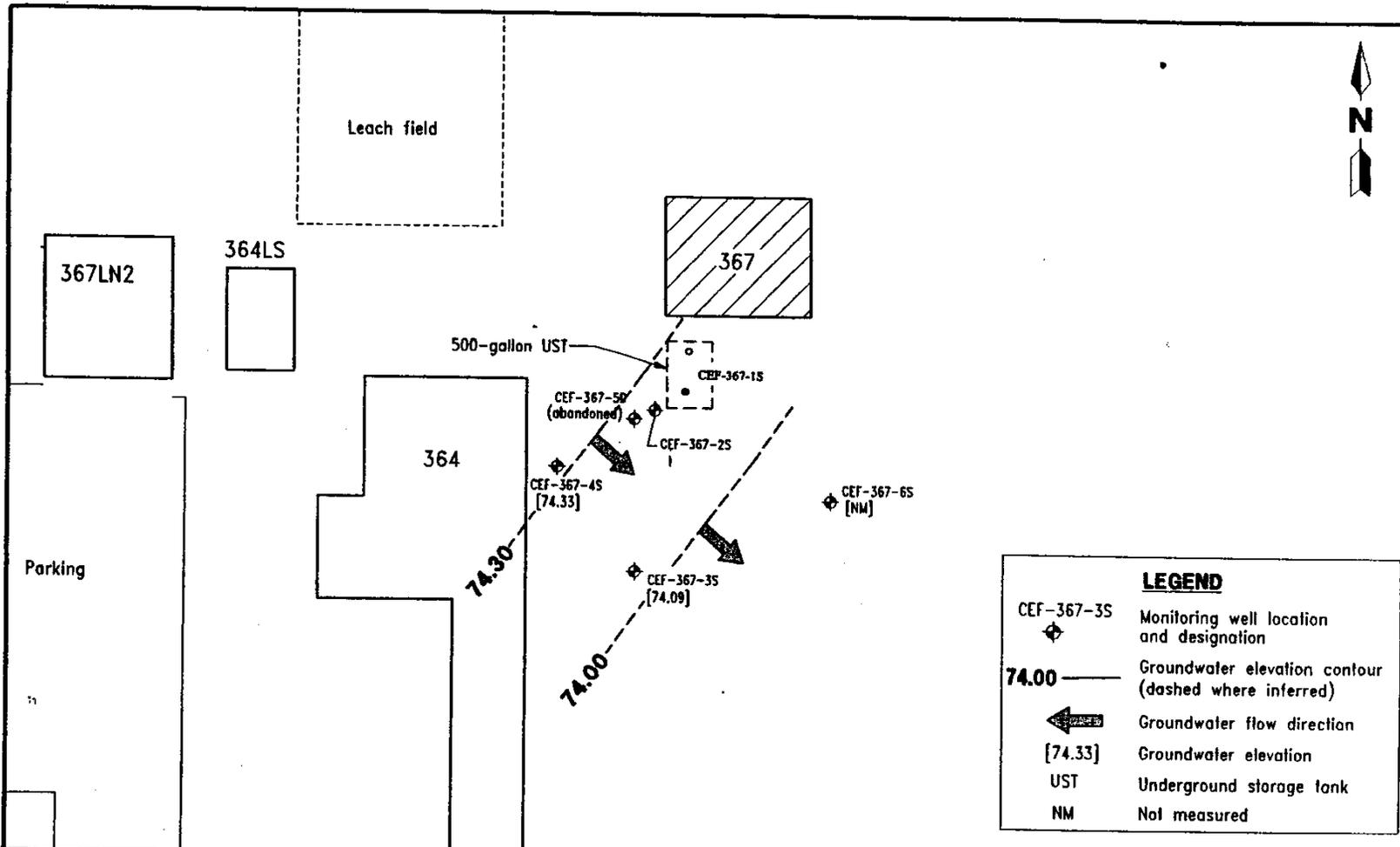
Drilling Area Background (ppm):

Converted to Well: Yes  No  Well I.D. #: CEF-367-MW/2SR

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**ATTACHMENT E**  
**GROUNDWATER FLOW MAPS**





LEGEND	
◆ CEF-367-3S	Monitoring well location and designation
74.00 ———	Groundwater elevation contour (dashed where inferred)
←	Groundwater flow direction
[74.33]	Groundwater elevation
UST	Underground storage tank
NM	Not measured

0 15 30  
SCALE: 1 INCH = 30 FEET

**FIGURE 3  
TANK 367  
MONITORING WELL LOCATIONS**



**MONITORING FOR NATURAL  
ATTENUATION  
BUILDING 367, TANK 367  
NAVAL AIR STATION CECL FIELD  
JACKSONVILLE, FLORIDA**

**ATTACHMENT F**  
**GROUNDWATER ANALYTICAL REPORT**

ACCURA ANALYTICAL LABORATORY, INC.

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477  
 FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved  
 LABORATORY REPORT

Accura Sample ID #: AC11506 Accura Project #: 27596  
 Client: Tetra Tech Nus -Jacksonville Date Sampled: 4/10/01  
 Client Contact: PAUL CALLIGAN Date Received: 4/12/01  
 Client Project Number: NO486 Date Reported: 4/25/01  
 Client Project Name: CECIL FEILD, BLDG. 367 Sample Matrix: WATER  
 Client Sample ID: CEF-367-GW-2SR-01

**ANALYSIS: PAH's - Low Level**

Method Ref: 8270C

Date Ext/Dig/Prep: 4/14/01 Date Analyzed: 4/23/01 Result Units: ug/L

Analyte Name	Analytical Results	Qualifier	Reported Detection Limits
1-Methylnaphthalene	<RL		1.0
2-Methylnaphthalene	<RL		1.0
Acenaphthene	<RL		1.0
Acenaphthylene	<RL		1.0
Anthracene	<RL		1.0
Benzo(a)anthracene	<RL		1.0
Benzo(a)pyrene	<RL		1.0
Benzo(b)fluoranthene	<RL		1.0
Benzo(g,h,i)perylene	<RL		1.0
Benzo(k)fluoranthene	<RL		1.0
Chrysene	<RL		1.0
Dibenz(a,h)anthracene	<RL		1.0
Fluoranthene	<RL		1.0
Fluorene	<RL		1.0
Indeno(1,2,3-cd)pyrene	<RL		1.0
Naphthalene	<RL		1.0
Phenanthrene	<RL		1.0
Pyrene	<RL		1.0

**ANALYSIS: VOC's - Cecil Field(25 ml purge)**

Method Ref: 8260B

Date Ext/Dig/Prep: 4/18/01 Date Analyzed: 4/18/01 Result Units: ug/L

Analyte Name	Analytical Results	Qualifier	Reported Detection Limits
1,1,1-Trichloroethane	<RL		1.0
1,1,2,2-Tetrachloroethane	<RL		1.0
1,1,2-Trichloroethane	<RL		1.0
1,1-Dichloroethane	<RL		1.0
1,1-Dichloroethene	<RL		1.0
1,2-Dichloroethane	<RL		1.0
1,2-Dichloropropane	<RL		1.0
1,3-Dichloropropene	<RL		1.0
2-Chloroethylvinyl ether	<RL		10
Acrolein	<RL		10
Acrylonitrile	<RL		10
Benzene	<RL		1.0
Bromodichloromethane	<RL		1.0
Bromoform	<RL		1.0

Bromomethane	<RL	1.0
Carbon tetrachloride	<RL	1.0
Chlorobenzene	<RL	1.0
Chloroform	<RL	1.0
Chloromethane	<RL	1.0
Ethylbenzene	<RL	1.0
Methylene chloride	<RL	5.0
Methyl-tert-butyl ether (MTBE)	<RL	10
Tetrachloroethene	<RL	1.0
Toluene	<RL	1.0
trans-1,2-Dichloroethene	<RL	1.0
Trichloroethene	<RL	1.0
Vinyl chloride	<RL	1.0
Xylenes (Total)	<RL	2.0

**ANALYSIS: X B/N Sample Surrogates (Waters)**

Method Ref: 8270C

Date Ext/Dig/Prep: 4/14/01 Date Analyzed: 4/23/01 Result Units: %

<u>Analyte Name</u>		<u>Analytical Results</u>	<u>Qualifier</u>	<u>Reported Detection Limits</u>
2-Fluorobiphenyl	(Range 43-111)	69		
Nitrobenzene-d5	(Range 37-104)	59		
p-Terphenyl-d14	(Range 15-132)	42		

**ANALYSIS: X VOC Sample Surrogates-Waters**

Method Ref: 5030B/8260B

Date Ext/Dig/Prep: 4/18/01 Date Analyzed: 4/18/01 Result Units: %

<u>Analyte Name</u>		<u>Analytical Results</u>	<u>Qualifier</u>	<u>Reported Detection Limits</u>
1,2-Dichloroethane-d4 (88-128)		90		
4-Bromofluorobenzene (82-117)		96		
Toluene-d8 (80-119)		105		

ACCURA ANALYTICAL LABORATORY, INC.

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477  
 FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved  
 LABORATORY REPORT

Accura Sample ID #: AC11507 Accura Project #: 27596  
 Client: Tetra Tech Nus -Jacksonville Date Sampled: 4/10/01  
 Client Contact: PAUL CALLIGAN Date Received: 4/12/01  
 Client Project Number: NO486 Date Reported: 4/25/01  
 Client Project Name: CECIL FEILD, BLDG. 367 Sample Matrix: WATER  
 Client Sample ID: CEF-367-GW-3S-01

**ANALYSIS: PAH's - Low Level**

Method Ref: 8270C

Date Ext/Dig/Prep: 4/14/01 Date Analyzed: 4/23/01 Result Units: ug/L

Analyte Name	Analytical Results	Qualifier	Reported Detection Limits
1-Methylnaphthalene	<RL		1.0
2-Methylnaphthalene	<RL		1.0
Acenaphthene	<RL		1.0
Acenaphthylene	<RL		1.0
Anthracene	<RL		1.0
Benzo(a)anthracene	<RL		1.0
Benzo(a)pyrene	<RL		1.0
Benzo(b)fluoranthene	<RL		1.0
Benzo(g,h,i)perylene	<RL		1.0
Benzo(k)fluoranthene	<RL		1.0
Chrysene	<RL		1.0
Dibenz(a,h)anthracene	<RL		1.0
Fluoranthene	<RL		1.0
Fluorene	<RL		1.0
Indeno(1,2,3-cd)pyrene	<RL		1.0
Naphthalene	<RL		1.0
Phenanthrene	<RL		1.0
Pyrene	<RL		1.0

**ANALYSIS: VOC's - Cecil Field(25 ml purge)**

Method Ref: 8260B

Date Ext/Dig/Prep: 4/18/01 Date Analyzed: 4/18/01 Result Units: ug/L

Analyte Name	Analytical Results	Qualifier	Reported Detection Limits
1,1,1-Trichloroethane	<RL		1.0
1,1,2,2-Tetrachloroethane	<RL		1.0
1,1,2-Trichloroethane	<RL		1.0
1,1-Dichloroethane	<RL		1.0
1,1-Dichloroethene	<RL		1.0
1,2-Dichloroethane	<RL		1.0
1,2-Dichloropropane	<RL		1.0
1,3-Dichloropropene	<RL		1.0
2-Chloroethylvinyl ether	<RL		10
Acrolein	<RL		10
Acrylonitrile	<RL		10
Benzene	<RL		1.0
Bromodichloromethane	<RL		1.0
Bromoform	<RL		1.0

Bromomethane	<RL	1.0
Carbon tetrachloride	<RL	1.0
Chlorobenzene	<RL	1.0
Chloroform	<RL	1.0
Chloromethane	<RL	1.0
Ethylbenzene	<RL	1.0
Methylene chloride	<RL	5.0
Methyl-tert-butyl ether (MTBE)	<RL	10
Tetrachloroethene	<RL	1.0
Toluene	<RL	1.0
trans-1,2-Dichloroethene	<RL	1.0
Trichloroethene	<RL	1.0
Vinyl chloride	<RL	1.0
Xylenes (Total)	<RL	2.0

**ANALYSIS: X B/N Sample Surrogates (Waters)**

Method Ref: 8270C

Date Ext/Dig/Prep: 4/14/01      Date Analyzed: 4/23/01      Result Units: %

<u>Analyte Name</u>	<u>Analytical Results</u>	<u>Qualifier</u>	<u>Reported Detection Limits</u>
2-Fluorobiphenyl (Range 43-111)	69		
Nitrobenzene-d5 (Range 37-104)	65		
p-Terphenyl-d14 (Range 15-132)	55		

**ANALYSIS: X VOC Sample Surrogates-Waters**

Method Ref: 5030B/8260B

Date Ext/Dig/Prep: 4/18/01      Date Analyzed: 4/18/01      Result Units: %

<u>Analyte Name</u>	<u>Analytical Results</u>	<u>Qualifier</u>	<u>Reported Detection Limits</u>
1,2-Dichloroethane-d4 (88-128)	89		
4-Bromofluorobenzene (82-117)	99		
Toluene-d8 (80-119)	104		

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**LABORATORY REPORT**

Accura Sample ID #: AC11508 Accura Project #: 27596  
 Client: Tetra Tech Nus -Jacksonville Date Sampled: 4/10/01  
 Client Contact: PAUL CALLIGAN Date Received: 4/12/01  
 Client Project Number: NO486 Date Reported: 4/25/01  
 Client Project Name: CECIL FEILD, BLDG. 367 Sample Matrix: WATER  
 Client Sample ID: CEF-367-GW-4S-01

**ANALYSIS: PAH's - Low Level**

Method Ref: 8270C

Date Ext/Dig/Prep: 4/14/01 Date Analyzed: 4/24/01 Result Units: ug/L

Analyte Name	Analytical Results	Qualifier	Reported Detection Limits
1-Methylnaphthalene	<RL		1.0
2-Methylnaphthalene	<RL		1.0
Acenaphthene	<RL		1.0
Acenaphthylene	<RL		1.0
Anthracene	<RL		1.0
Benzo(a)anthracene	<RL		1.0
Benzo(a)pyrene	<RL		1.0
Benzo(b)fluoranthene	<RL		1.0
Benzo(g,h,i)perylene	<RL		1.0
Benzo(k)fluoranthene	<RL		1.0
Chrysene	<RL		1.0
Dibenz(a,h)anthracene	<RL		1.0
Fluoranthene	<RL		1.0
Fluorene	<RL		1.0
Indeno(1,2,3-cd)pyrene	<RL		1.0
Naphthalene	<RL		1.0
Phenanthrene	<RL		1.0
Pyrene	<RL		1.0

**ANALYSIS: VOC's - Cecil Field(25 ml purge)**

Method Ref: 8260B

Date Ext/Dig/Prep: 4/18/01 Date Analyzed: 4/18/01 Result Units: ug/L

Analyte Name	Analytical Results	Qualifier	Reported Detection Limits
1,1,1-Trichloroethane	<RL		1.0
1,1,2,2-Tetrachloroethane	<RL		1.0
1,1,2-Trichloroethane	<RL		1.0
1,1-Dichloroethane	<RL		1.0
1,1-Dichloroethene	<RL		1.0
1,2-Dichloroethane	<RL		1.0
1,2-Dichloropropane	<RL		1.0
1,3-Dichloropropene	<RL		1.0
2-Chloroethylvinyl ether	<RL		10
Acrolein	<RL		10
Acrylonitrile	<RL		10
Benzene	<RL		1.0
Bromodichloromethane	<RL		1.0
Bromoform	<RL		1.0

Bromomethane	<RL	1.0
Carbon tetrachloride	<RL	1.0
Chlorobenzene	<RL	1.0
Chloroform	<RL	1.0
Chloromethane	<RL	1.0
Ethylbenzene	<RL	1.0
Methylene chloride	<RL	5.0
Methyl-tert-butyl ether (MTBE)	<RL	10
Tetrachloroethene	<RL	1.0
Toluene	<RL	1.0
trans-1,2-Dichloroethene	<RL	1.0
Trichloroethene	<RL	1.0
Vinyl chloride	<RL	1.0
Xylenes (Total)	<RL	2.0

**ANALYSIS: X B/N Sample Surrogates (Waters)**

Method Ref: 8270C

Date Ext/Dig/Prep: 4/14/01      Date Analyzed: 4/24/01      Result Units: %

<u>Analyte Name</u>	<u>Analytical Results</u>	<u>Qualifier</u>	<u>Reported Detection Limits</u>
2-Fluorobiphenyl (Range 43-111)	68		
Nitrobenzene-d5 (Range 37-104)	66		
p-Terphenyl-d14 (Range 15-132)	75		

**ANALYSIS: X VOC Sample Surrogates-Waters**

Method Ref: 5030B/8260B

Date Ext/Dig/Prep: 4/18/01      Date Analyzed: 4/18/01      Result Units: %

<u>Analyte Name</u>	<u>Analytical Results</u>	<u>Qualifier</u>	<u>Reported Detection Limits</u>
1,2-Dichloroethane-d4 (88-128)	89		
4-Bromofluorobenzene (82-117)	105		
Toluene-d8 (80-119)	116		

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**LABORATORY REPORT**

Accura Sample ID #: AC11509 Accura Project #: 27596  
 Client: Tetra Tech Nus -Jacksonville Date Sampled: 4/10/01  
 Client Contact: PAUL CALLIGAN Date Received: 4/12/01  
 Client Project Number: NO486 Date Reported: 4/25/01  
 Client Project Name: CECIL FEILD, BLDG. 367 Sample Matrix: WATER  
 Client Sample ID: CEF-367-GW-6S-01

**ANALYSIS: PAH's - Low Level**

Method Ref: 8270C

Date Ext/Dig/Prep: 4/14/01 Date Analyzed: 4/24/01 Result Units: ug/L

Analyte Name	Analytical Results	Qualifier	Reported Detection Limits
1-Methylnaphthalene	<RL		1.0
2-Methylnaphthalene	<RL		1.0
Acenaphthene	<RL		1.0
Acenaphthylene	<RL		1.0
Anthracene	<RL		1.0
Benzo(a)anthracene	<RL		1.0
Benzo(a)pyrene	<RL		1.0
Benzo(b)fluoranthene	<RL		1.0
Benzo(g,h,i)perylene	<RL		1.0
Benzo(k)fluoranthene	<RL		1.0
Chrysene	<RL		1.0
Dibenz(a,h)anthracene	<RL		1.0
Fluoranthene	<RL		1.0
Fluorene	<RL		1.0
Indeno(1,2,3-cd)pyrene	<RL		1.0
Naphthalene	<RL		1.0
Phenanthrene	<RL		1.0
Pyrene	<RL		1.0

**ANALYSIS: VOC's - Cecil Field(25 ml purge)**

Method Ref: 8260B

Date Ext/Dig/Prep: 4/18/01 Date Analyzed: 4/18/01 Result Units: ug/L

Analyte Name	Analytical Results	Qualifier	Reported Detection Limits
1,1,1-Trichloroethane	<RL		1.0
1,1,2,2-Tetrachloroethane	<RL		1.0
1,1,2-Trichloroethane	<RL		1.0
1,1-Dichloroethane	<RL		1.0
1,1-Dichloroethene	<RL		1.0
1,2-Dichloroethane	<RL		1.0
1,2-Dichloropropane	<RL		1.0
1,3-Dichloropropene	<RL		1.0
2-Chloroethylvinyl ether	<RL		10
Acrolein	<RL		10
Acrylonitrile	<RL		10
Benzene	<RL		1.0
Bromodichloromethane	<RL		1.0
Bromoform	<RL		1.0

Bromomethane	<RL	1.0
Carbon tetrachloride	<RL	1.0
Chlorobenzene	<RL	1.0
Chloroform	<RL	1.0
Chloromethane	<RL	1.0
Ethylbenzene	<RL	1.0
Methylene chloride	<RL	5.0
Methyl-tert-butyl ether (MTBE)	<RL	10
Tetrachloroethene	<RL	1.0
Toluene	<RL	1.0
trans-1,2-Dichloroethene	<RL	1.0
Trichloroethene	<RL	1.0
Vinyl chloride	<RL	1.0
Xylenes (Total)	<RL	2.0

**ANALYSIS: X B/N Sample Surrogates (Waters)**

Method Ref: 8270C

Date Ext/Dig/Prep: 4/14/01 Date Analyzed: 4/24/01 Result Units: %

Analyte Name	Analytical Results	Qualifier	Reported Detection Limits
2-Fluorobiphenyl (Range 43-111)	58		
Nitrobenzene-d5 (Range 37-104)	55		
p-Terphenyl-d14 (Range 15-132)	70		

**ANALYSIS: X VOC Sample Surrogates-Waters**

Method Ref: 5030B/8260B

Date Ext/Dig/Prep: 4/18/01 Date Analyzed: 4/18/01 Result Units: %

Analyte Name	Analytical Results	Qualifier	Reported Detection Limits
1,2-Dichloroethane-d4 (88-128)	88		
4-Bromofluorobenzene (82-117)	100		
Toluene-d8 (80-119)	109		

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LABORATORY REPORT

Accura Sample ID #: AC11510 Accura Project #: 27596  
 Client: Tetra Tech Nus -Jacksonville Date Sampled: 4/12/01  
 Client Contact: PAUL CALLIGAN Date Received: 4/12/01  
 Client Project Number: NO486 Date Reported: 4/25/01  
 Client Project Name: CECIL FEILD, BLDG. 367 Sample Matrix: WATER  
 Client Sample ID: METHOD BLANK

**ANALYSIS: PAH's - Low Level**

Method Ref: 8270C

Date Ext/Dig/Prep: 4/14/01 Date Analyzed: 4/23/01 Result Units: ug/L

Analyte Name	Analytical Results	Qualifier	Reported Detection Limits
1-Methylnaphthalene	<RL		1.0
2-Methylnaphthalene	<RL		1.0
Acenaphthene	<RL		1.0
Acenaphthylene	<RL		1.0
Anthracene	<RL		1.0
Benzo(a)anthracene	<RL		1.0
Benzo(a)pyrene	<RL		1.0
Benzo(b)fluoranthene	<RL		1.0
Benzo(g,h,i)perylene	<RL		1.0
Benzo(k)fluoranthene	<RL		1.0
Chrysene	<RL		1.0
Dibenz(a,h)anthracene	<RL		1.0
Fluoranthene	<RL		1.0
Fluorene	<RL		1.0
Indeno(1,2,3-cd)pyrene	<RL		1.0
Naphthalene	<RL		1.0
Phenanthrene	<RL		1.0
Pyrene	<RL		1.0

**ANALYSIS: VOC's - Cecil Field(25 ml purge)**

Method Ref: 8260B

Date Ext/Dig/Prep: 4/18/01 Date Analyzed: 4/18/01 Result Units: ug/L

Analyte Name	Analytical Results	Qualifier	Reported Detection Limits
1,1,1-Trichloroethane	<RL		1.0
1,1,2,2-Tetrachloroethane	<RL		1.0
1,1,2-Trichloroethane	<RL		1.0
1,1-Dichloroethane	<RL		1.0
1,1-Dichloroethene	<RL		1.0
1,2-Dichloroethane	<RL		1.0
1,2-Dichloropropane	<RL		1.0
1,3-Dichloropropene	<RL		1.0
2-Chloroethylvinyl ether	<RL		10
Acrolein	<RL		10
Acrylonitrile	<RL		10
Benzene	<RL		1.0
Bromodichloromethane	<RL		1.0
Bromoform	<RL		1.0

Bromomethane	<RL	1.0
Carbon tetrachloride	<RL	1.0
Chlorobenzene	<RL	1.0
Chloroform	<RL	1.0
Chloromethane	<RL	1.0
Ethylbenzene	<RL	1.0
Methylene chloride	<RL	5.0
Methyl-tert-butyl ether (MTBE)	<RL	10
Tetrachloroethene	<RL	1.0
Toluene	<RL	1.0
trans-1,2-Dichloroethene	<RL	1.0
Trichloroethene	<RL	1.0
Vinyl chloride	<RL	1.0
Xylenes (Total)	<RL	2.0

**ANALYSIS: X Base Neutral OC Surrogates (W)**

Method Ref: 8270C

Date Ext/Dig/Prep: 4/14/01 Date Analyzed: 4/23/01 Result Units: %

<u>Analyte Name</u>	<u>Analytical Results</u>	<u>Qualifier</u>	<u>Reported Detection Limits</u>
2-Fluorobiphenyl (Range 57-102)	62		
Nitrobenzene-d5 (Range 50-103)	63		
p-Terphenyl-d14 (Range 64-113)	71		

**ANALYSIS: X VOC OC Surrogates-Waters**

Method Ref: 5030B/8260B

Date Ext/Dig/Prep: 4/18/01 Date Analyzed: 4/18/01 Result Units: %

<u>Analyte Name</u>	<u>Analytical Results</u>	<u>Qualifier</u>	<u>Reported Detection Limits</u>
1,2-Dichloroethane-d4 (81-130)	90		
4-Bromofluorobenzene (81-118)	102		
Toluene-d8 (84-115)	109		

**PROJECT QUALITY CONTROL RESULTS**  
**AAL PROJECT #27596**

Method No <sup>1</sup>	Analyte / Component	Project Control Rec.				Accuracy Limits		Project Control		Precision Limits		Project Control Recoveries		Accuracy Limits		Project Control		Precision Limits	
		MS	MSD	MS	MSD	MS/MSD Recoveries		MS/MSD % Deviation		MS/MSD Deviation		LCS		LCS Recoveries		Field Dup % Deviation		Field Dup Deviation	
		Water	Soil <sup>2</sup>	Water	Soil <sup>2</sup>	Water	Soil <sup>2</sup>	Water	Soil <sup>2</sup>	Water	Soil <sup>2</sup>	Water	Soil <sup>2</sup>	Water	Soil <sup>2</sup>	Water	Soil <sup>2</sup>	Water	Soil <sup>2</sup>
<b>VOLATILES BY GC/MS</b>																			
8260B	1,1,1-Trichloroethane	94	91			60-140	20-150	3%		%	%			%	%			%	%
8260B	1,1,2,2-Tetrachloroethane	93	92			60-140	20-150	1%		<30	<50	107		65-135	65-135			<50	<75
8260B	1,1,2-Trichloroethane	96	92			60-140	20-150	4%		<30	<50	95		64-135	64-135			<50	<75
8260B	1,1-Dichloroethane	93	90			60-140	20-150	3%		<30	<50	98		65-135	65-135			<50	<75
8260B	1,1-Dichloroethene	98	90			60-140	20-150	9%		<30	<50	102		62-135	62-135			<50	<75
8260B	1,2-Dichloroethane	87	86			60-140	20-150	1%		<30	<50	105		65-135	65-135			<50	<75
8260B	1,2-Dichloropropane	83	93			60-140	20-150	0%		<30	<50	97		58-137	58-137			<50	<75
8260B	1,3-Dichloropropane	96	93			60-140	20-150	3%		<30	<50	96		60-135	60-135			<50	<75
8260B	2-Chloroethylvinyl ether	19	20			60-140	20-150	5%		<30	<50	98		65-135	65-135			<50	<75
8260B	Acrolein	94	84			60-140	20-150	11%		<30	<50	77		65-135	65-135			<50	<75
8260B	Acrylonitrile	92	94			60-140	20-150	2%		<30	<50	82		65-135	65-135			<50	<75
8260B	Benzene	96	93			60-140	20-150	3%		<30	<50	86		63-135	63-135			<50	<75
8260B	Bromodichloromethane	94	93			60-140	20-150	1%		<30	<50	102		65-135	65-135			<50	<75
8260B	Bromoform	97	92			60-140	20-150	5%		<30	<50	101		65-135	65-135			<50	<75
8260B	Bromomethane	72	67			60-140	20-150	7%		<30	<50	95		65-135	65-135			<50	<75
8260B	Carbon Tetrachloride	95	90			60-140	20-150	5%		<30	<50	113		62-135	62-135			<50	<75
8260B	Chlorobenzene	98	95			60-140	20-150	3%		<30	<50	109		52-135	52-135			<50	<75
8260B	Chloroform	91	89			60-140	20-150	2%		<30	<50	103		65-135	65-135			<50	<75
8260B	Chloromethane	90	83			60-140	20-150	8%		<30	<50	101		64-135	64-135			<50	<75
8260B	Ethylbenzene	101	96			60-140	20-150	5%		<30	<50	102		65-135	65-135			<50	<75
8260B	Methylene Chloride	84	80			60-140	20-150	5%		<30	<50	111		65-135	65-135			<50	<75
8260B	Methyl-tert-butyl ether	91	91			60-140	20-150	0%		<30	<50	99		65-135	65-135			<50	<75
8260B	Tetrachloroethylene	104	96			60-140	20-150	8%		<30	<50	88		65-135	65-135			<50	<75
8260B	Toluene	99	95			60-140	20-150	4%		<30	<50	109		61-135	61-135			<50	<75
8260B	Trans-1,2-Dichloroethene	98	90			60-140	20-150	9%		<30	<50	106		64-135	64-135			<50	<75
8260B	Trichloroethylene	96	95			60-140	20-150	1%		<30	<50	104		65-135	65-135			<50	<75
8260B	Vinyl Chloride	90	82			60-140	20-150	9%		<30	<50	103		61-135	61-135			<50	<75
8260B	total-Xylene	103	98			60-140	20-150	5%		<30	<50	107		36-144	36-144			<50	<75
8260B	Toluene-d8 (surr)	96	100			75-125	65-135	4%		NA	NA	107		65-135	65-135			<50	<75
8260B	4-Bromofluorobenzene (surr)	90	96			75-125	65-135	6%		NA	NA	105		NA	NA			NA	NA
8260B	1,2-Dichloroethane-d4 (surr)	83	89			62-139	52-149	7%		NA	NA	97		NA	NA			NA	NA
<b>SEMI-VOLATILES BY GC/MS</b>																			
8270C	1-Methylnaphthalene	63	59			41-125	31-135	7%	#DIV/0!	<30	<50	60		41-125	31-135			<50	<75
8270C	2-Methylnaphthalene	81	74			41-125	31-135	9%	#DIV/0!	<30	<50	81		41-125	31-135			<50	<75
8270C	Acenaphthylene	77	73			47-125	37-135	5%	#DIV/0!	<30	<50	88		47-125	37-135			<50	<75
8270C	Acenaphthene	74	70			49-124	39-135	6%	#DIV/0!	<30	<50	79		49-124	39-135			<50	<75
8270C	Anthracene	86	85			45-165	35-175	1%	#DIV/0!	<30	<50	87		45-165	35-175			<50	<75
8270C	Benzo (a) anthracene	86	84			51-133	41-143	2%	#DIV/0!	<30	<50	93		51-133	41-143			<50	<75
8270C	Benzo (a) pyrene	82	95			41-125	31-135	15%	#DIV/0!	<30	<50	99		41-125	31-135			<50	<75
8270C	Benzo (b) fluoranthene	92	85			37-125	27-135	8%	#DIV/0!	<30	<50	93		37-125	27-135			<50	<75
8270C	Benzo (g,h,i) perylene	72	75			34-149	25-159	4%	#DIV/0!	<30	<50	99		34-149	25-159			<50	<75
8270C	Benzo (k) fluoranthene	75	83			37-123	37-123	10%	#DIV/0!	<30	<50	94		37-123	37-123			<50	<75
8270C	Chrysene	85	86			55-133	45-143	1%	#DIV/0!	<30	<50	92		55-133	45-143			<50	<75
8270C	Dibenzo (a,h) anthracene	77	80			50-125	40-135	4%	#DIV/0!	<30	<50	95		50-125	40-135			<50	<75
8270C	Fluoranthene	101	103			47-125	37-135	2%	#DIV/0!	<30	<50	94		47-125	37-135			<50	<75
8270C	Fluorene	80	76			48-139	38-149	5%	#DIV/0!	<30	<50	86		48-139	38-149			<50	<75
8270C	Indeno (1,2,3-c,d) pyrene	76	79			27-160	25-170	4%	#DIV/0!	<30	<50	94		27-160	25-170			<50	<75

Notes:  
1) SW-846 Methods unless otherwise noted  
2) Includes sediment, water, soils

MS - Not Specified  
NA - Not Applicable

**PROJECT QUALITY CONTROL RESULTS  
AAL PROJECT #27596**

8270C	Naphthalene	72	66		50-125	40-135	9%	#DIV/0!	<30	<50		74	50-125	40-135			<50	<75
8270C	Phenanthrene	89	87		54-125	44-135	2%	#DIV/0!	<30	<50		86	54-125	44-135			<50	<75
8270C	Pyrene	69	67		47-136	37-146	3%	#DIV/0!	<30	<50		94	47-136	37-146			<50	<75
8270C	2-Fluorobiphenyl	73	68		43-125	34-135	7%	#DIV/0!	<30	<50		87					<50	<75
8270C	Nitrobenzene-d5	75	69		32-125	25-135	8%	#DIV/0!	<30	<50		84						
8270C	Terphenyl-d14	74	74		42-126	32-136	0%	#DIV/0!	<30	<50		86						

Notes:

- 1) SW-846 Methods unless otherwise noted
- 2) Includes sediments, waste, solids

NR = Not Specified  
NA = Not Applicable

PROJECT NO: **NO486**

SITE NAME: **CECIL FIELD**  
 MO **B. 367**

PROJECT MANAGER AND PHONE NUMBER: **PAUL CALLIGAN 800-389-9899**

367-0410014

LABORATORY NAME AND CONTACT: **ACCURA BONNIE HOGUE**

SAMPLERS (SIGNATURE):  
  


FIELD OPERATIONS LEADER AND PHONE NUMBER: **MERVYN DALE 904-881-1941 x14**

ADDRESS: **6017 FINANCIAL DRIVE**

CARRIER/WAYBILL NUMBER: **FED EX 821769064653**

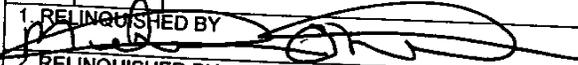
CITY, STATE: **NORCROSS, GA 30071**

STANDARD TAT   
 RUSH TAT   
 24 hr.  48 hr.  72 hr.  7 day  14 day

CONTAINER TYPE: **PLASTIC (P) or GLASS (G)**  
 PRESERVATIVE USED: **NONE G**

TYPE OF ANALYSIS:  
 VOCs SWB 46 8260 B \* HLL G  
 PAH SW 846 8270 C NONE G

DATE YEAR	TIME	SAMPLE ID	MATRIX	GRAB (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS	COMMENTS
04/10	1440	CEF-367-GW-25R-01	GW	G	5	3 2	
04/10	1710	CEF-367-GW-35-01	GW	G	5	3 2	Cool to 4°C
4/10	1730	CEF-367-GW-45-01	GW	G	5	3 2	
04/10	1835	CEF-367-GW-65-01 KLM	GW	G	5	3 2	* REPORT EPA METHOD 602 COMPOUNDS FOR VOCs ONLY

1. RELINQUISHED BY:  DATE: **4/10/04** TIME: **1630**

2. RELINQUISHED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

3. RELINQUISHED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

1. RECEIVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

2. RECEIVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

3. RECEIVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

COMMENTS: **PO # FLOR 0486 P377 (DW) FIELD JOB # 0486 OHG 050820**

DISTRIBUTION: **WHITE (ACCOMPANIES SAMPLE)** **YELLOW (FIELD COPY)** **PINK (FILE COPY)**

