

N60200.AR.008648  
NAS CECIL FIELD  
5090.3a

TECHNICAL MEMO REPORT FOR MEC SITE WALK AT OPERABLE UNIT 1 (OU 1) SITES 1  
AND 2 WITH EMAIL OF U S EPA REGION VI APPROVAL NAS CECIL FIELD FL  
9/1/2011  
U S EPA REGION IV

**NAS Cecil Field  
OU1, Sites 1 and 2  
EPA Approval of Sites 1&2 Tech Memo for MEC Site Walk**

From: Debbie Vaughn-Wright [mailto:Vaughn-Wright.Debbie@epamail.epa.gov]  
Sent: Thursday, February 02, 2012 11:15 AM  
To: Debbie Vaughn-Wright; Grabka, David; Jonnet, Mark; Michael.Halil@CH2M.com; Jessica Keener; Simcik, Robert; mark.e.davidson@navy.mil; Boerio, Megan; stacin.martin@navy.mil; Sanford, Art F CTR OASN (EI&E), BRAC PMO SE  
Subject: Re: Cecil Field\_Site 1&2, OU1, Final Tech Memo Report for Tt MEC Site Walk \_ electronic submission.

Everyone:

I have reviewed the attached report and have no questions. EPA concurs with the conclusions that at Sites 1 and 2 no further action regarding discarded munitions is needed at this time.

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)

From: "Simcik, Robert" <Robert.Simcik@tetrattech.com>  
To: "Sanford, Art F CTR NAVFACHQ, BRAC PMO" <art.sanford.ctr@navy.mil>, "Davidson, Mark E CIV OASN (EI&E), BRAC PMO SE" <mark.e.davidson@navy.mil>, "Martin, Stacin CIV NAVFAC LANT, EV" <stacin.martin@navy.mil>, Debbie Vaughn-Wright/R4/USEPA/US@EPA, "Grabka, David" <David.Grabka@dep.state.fl.us>, "Michael.Halil@CH2M.com" <Michael.Halil@CH2M.com>, "Jessica Keener (keenerj@solutions-ies.com)" <keenerj@solutions-ies.com>, "Jonnet, Mark" <Mark.Jonnet@tetrattech.com>, "Boerio, Megan" <Megan.Boerio@tetrattech.com>  
Cc: "kathy.m.garcia@navy.mil" <kathy.m.garcia@navy.mil>, "Klink, Linda" <Linda.Klink@tetrattech.com>  
Date: 12/28/2011 03:22 PM  
Subject:Cecil Field\_Site 1&2, OU1, Final Tech Memo Report for Tt MEC Site Walk \_ electronic submission.

Attached is the electronic submission of the signed Final Sites 1&2 MEC Site Walk Technical Memorandum indicating no further action with regards to munitions at this site. As indicated in the transmittal letter, the document has been reviewed by NOSSA prior to this submission and additional review/approval is not required. The document will be loaded onto the Cecil DWS and NIRIS. Hard copies are being distributed to the appropriate locations. 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@tetrattech.com](mailto:robert.simcik@tetrattech.com)

# Comprehensive Long-term Environmental Action Navy

CONTRACT NUMBER N62470-08-D-1001



## Technical Memo Report for Tetra Tech MEC Site Walk at Operable Unit 1, Sites 1 and 2

Naval Air Station Cecil Field  
Jacksonville, Florida

Contract Task Order JM09

September 2011



NAVFAC Southeast  
4130 Faber Place Drive, Suite 202  
North Charleston, South Carolina 29405

**TECHNICAL MEMO REPORT  
FOR TETRA TECH MEC SITE WALK  
AT  
OPERABLE UNIT 1  
SITES 1 and 2**

**FOR**

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

**COMPREHENSIVE LONG-TERM  
ENVIRONMENTAL ACTION NAVY (CLEAN) CONTRACT**

**Submitted to:  
Naval Facilities Engineering Command  
Southeast  
2155 Eagle Drive  
North Charleston, South Carolina 29406**

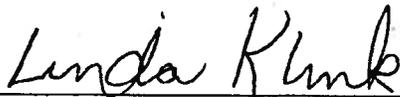
**Submitted by:  
Tetra Tech NUS, Inc.  
234 Mall Boulevard, Suite 260  
King of Prussia, Pennsylvania 19406**

**CONTRACT NUMBER N62470-08-D-1001  
CONTRACT TASK ORDER JM09**

**SEPTEMBER 2011**

**PREPARED UNDER THE SUPERVISION OF:**

**APPROVED FOR SUBMITTAL BY:**



**LINDA KLINK  
TASK MANAGER  
TETRA TECH NUS, INC.  
PITTSBURGH, PENNSYLVANIA**



**JOHN J. TREPANOWSKI, P.E.  
PROGRAM MANAGER  
TETRA TECH NUS, INC.  
KING OF PRUSSIA, PENNSYLVANIA**

**September 30, 2011**

**TECHNICAL MEMO REPORT  
TETRA TECH MEC SITE WALK AT OPERABLE UNIT 1, SITES 1 and 2  
FORMER NAS CECIL FIELD  
JACKSONVILLE, FLORIDA**

**INTRODUCTION**

This Technical Memo was prepared by Tetra Tech NUS, Inc. (Tetra Tech) for the United States Department of Navy, Base Realignment and Closure Program Management Office Southeast (BRAC PMO SE) and funded by Naval Facilities Engineering Command (NAVFAC) under Contract Task Order (CTO) JM09 of the Comprehensive Long-Term Environmental Action Navy (CLEAN) IV Contract Number N62470-08-D-1001. Tetra Tech is providing this Tech Memo to detail the scope and conclusions associated with the Munitions and Explosives of Concern (MEC) site walk along Rowell Creek located within Site 1 and 2 (Appendix C, Figure 1) at former NAS Cecil Field located in Jacksonville, Florida.

**History of Site 1 and 2**

Former NAS Cecil Field was established in 1941 and provided facilities, services, and material support for operation and maintenance of naval weapons, aircraft, and other units of operation forces as designated by the Chief of Naval Operations. Since the closure of NAS Cecil Field in September of 1999, the area of investigation has been turned over to the Jacksonville Airport Authority (JAA). Site 1 and 2 are referenced as trench and fill landfill areas. The Site Walk was conducted within the western boundary of NAS Cecil Field along the banks of Rowell Creek (Figure 2). Rowell Creek runs along the eastern edge of Site 1 and 2.



Site 1 and 2 are inactive trench-and-fill landfills used for disposal of waste generated at the facility. No activities associated with the disposal or use of munitions in the area have been identified or previously reported. However, during May of 2011 a two person environmental team (Tetra Tech) came across what appeared to be munitions-related items, which were later identified as Mk 76 practice bombs, while marking sample locations at the site. The environmental team marked the area of concern and immediately contacted the Tetra Tech Project Manager (PM). The site is located within the JAA. JAA was notified and security of the site was transferred to JAA. On May 9, 2011, Explosive Ordnance Disposal Mobile Unit (EODMU) Six DET Mayport, Florida responded. A total of 31, Mk 76 practice bombs were



recovered by the Explosive Ordnance Disposal (EOD) team. Upon initial inspection 22 practice bombs were visually located on the surface while 9 additional practice bombs were located in the shallow subsurface with the use of a magnetometer. Of the 31 items recovered, 23 were believed to contain a spotting charge. In the EOD report provided by EODMU Six DET Mayport, Florida and through follow-up phone conversations with the responding EOD technicians, it was ascertained that the munitions had not migrated downstream by the current but had been dumped in their current location based upon how the items were stacked and the direction each item was facing.

The goal of this site walk was to provide further classification, if any, to the extent of MEC and if necessary, provide support to the decision process for or against the addition of Sites 1 and 2 to the Munitions Response Program (MRP).

The field work was performed in August 2011 by Tetra Tech.

### Scope

A Site Walk was performed which included a detector-aided surface survey of approximately 2,100 foot stretch of both the eastern and western banks of Rowell Creek. The Schonstedt G52-Cx was the magnetometer instrument used to perform the detector-aided surface survey. The detector-aided surface survey consisted of approximately 10 foot wide survey areas along each bank. Vegetation management was performed as necessary using hand tools. The detector-aided surface survey was performed



by a four man team and required three days of field work to complete, excluding mobilization and demobilization. All operations were performed employing unexploded ordnance (UXO) Avoidance techniques and no intrusive operations were conducted. Difficult site conditions were encountered at times including high temperatures and humidity, insects, and poisonous plants. Local hazards including numerous Brown Recluse spiders, Banana spiders, and a Copperhead snake were encountered and avoided successfully. During the investigation the only items of interest located were one Aircraft Launch Tray (Item 1) and one Aircraft Ejection Rack Foot (Item 2), both discovered in the same location to the south, and one Aircraft Smoke Generator Windshield (Item 3) to the north (Figure 2). All items are referenced in detail including GPS coordinates and photographs (Field Forms, Appendix A). All three items



were Material Documented as Safe (MDAS). Of the approximately 4,200 feet of the investigation area, three areas totaling 300 feet of the east bank were determined to be inaccessible due to heavy vegetation and steep terrain (Daily Progress Maps, Appendix B).

### **Conclusion**

All planned Site Walk operations were completed in accordance with the approved Letter Work Plan and Abbreviated Health and Safety Plan (HASP), e-mailed to the Navy on July 27, 2011, and the Explosive Safety Submission (ESS) Determination received from Naval Ordnance Safety and Security Activity (NOSSA), dated August 3, 2011. No MEC/MPPEH items were located during the detector-aided surface survey. It is concluded that the MEC/MPPEH previously discovered was placed at the location and was an isolated occurrence. It is recommended that No Further Action is required at Sites 1 and 2 regarding munitions concerns.

Appendix A – Field Forms

Appendix B – Daily Progress Maps

Appendix C – Figures

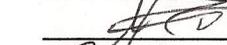
## **APPENDIX A**

**SITE-SPECIFIC TRAINING DOCUMENTATION**

My signature below indicates that I am aware of the potential hazardous nature of performing the Site Visit activities at NAS Cecil field located in Jacksonville, Florida, and that I have received a briefing concerning potential hazards and selected control measures presented below:

- Names of designated personnel and alternates responsible for site safety and health
- Safety, health, and other hazards present on site (UXO/MEC/Natural Hazards)
- Use of personal protective equipment and control measures to minimize potential hazards
- Contents of the Health and Safety Plan
- Emergency action procedures

I have been given the opportunity to ask questions, that my questions have been answered to my satisfaction, and that I agree to abide by the procedures and policies addressed in this plan.

Name (Printed)	Signature	Date
Ron Coleman		8/16/2011
STEVE Cassidy		8/16/2011
Michael Kelly		8/16/2011
Nicholas Brantley		8/16/2011

Instructor(s): Ron Coleman  
Steve Cassidy



**FIELD ACTIVITY DAILY LOG**

DATE	08/15/2011
SHEET	1 OF 2

<b>Project:</b> Site Walk at Operable Unit 1, Cecil Field, Jacksonville, FL. <b>SITE(s):</b> OU-1 Sites 1 & 2	<b>Contract NO:</b> N62470-08-D-1001 <b>TASK CODE:</b> FI.SI.1&2 Field Work
<b>FIELD ACTIVITY SUBJECT:</b> Logistics and Site visit by the SUXOS	
<b>SUMMARY OF DAILY PROGRESS:</b> <b><u>Mobilization:</u></b> Mobilization date: 8-15-2011 <b><u>Site-Specific Training:</u></b> Initial Briefs scheduled for the 16 <sup>th</sup> . All training requirements will be completed the 16 <sup>th</sup> . <b><u>UXO Escort:</u></b> None <b><u>Detector Aided/Visual UXO Avoidance Surface Sweep:</u></b> N/A <b><u>MEC/MPPEH Management:</u></b> N/A <b><u>Demobilization:</u></b> N/A	



**TETRA TECH NUS, INC.**

DATE	08/15/2011
SHEET 2	OF 2

**DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:**

**Personnel working and hours on-site: N/A**

**Work Events:**

**1430-1630: OU-1 Sites 1, 2, & 3 visit. Escorted by David Siefken, Tetra Tech. Area to be surveyed will require that a visual / detector aided sweep of the stream. UXO Project Manager, Stone Mountain Office authorized a purchase of waders to accomplish the task.**

**Equipment on site: Equipment being transported via Team Leaders vehicle.**

**IMPORTANT PHONE CALLS/DECISIONS: One call made to Norm Piper UXO PM**

**FIELD TASK MODIFICATIONS: Survey of the stream bed.**

**WEATHER CONDITIONS: High of 95f, low 77f, Winds Light. Heat Index: 103f**

**VISITORS ON SITE: None**

**PERSONNEL ON SITE: Ronald Coleman & David Siefken**

**SIGNATURE:**

**Ronald Coleman**

**DATE: 08/15/2011**



**FIELD ACTIVITY DAILY LOG**

DATE	08/16/2011
SHEET	1 OF 2

<p><b>PROJECT:</b> Site Walk at Operable Unit 1, Cecil Field, Jacksonville, FL.</p> <p><b>SITE(s):</b> OU-1 Sites 1 &amp; 2</p>	<p><b>Contract NO:</b> N62470-08-D-1001</p> <p><b>TASK CODE:</b> FI.SI.1&amp;2 Field Work</p>
<p><b>FIELD ACTIVITY SUBJECT:</b> Detector Aided / Visual Surface Survey</p>	
<p><b>SUMMARY OF DAILY PROGRESS:</b></p> <p><u>Mobilization:</u> N/A</p> <p><u>Site-Specific Training:</u> Initial Safety, Work Plan and Scope of Work Briefs. All required subject matter was completed and forms signed.</p> <p><u>Detector Aided/Visual UXO Avoidance Surface Sweep:</u> 980 Feet Surveyed</p> <p><u>MEC/MPPEH Management:</u> None Discovered</p> <p><b>SUMMARY:</b> Accessible areas will equate to about 80%. It was discovered today that some of the stream area had depths to 3 feet making it an inaccessible water survey. Some of the shoreline had steep drop-offs, but the personnel working the stream were able to survey what they could reach. It was requested by David Siefken that we survey a small strip of Rowell Creek West bank at the Site-3 area as it will be in an area that will periodically require vegetation management. This Site-3 area did not interfere with the time line given to the Site-1&amp;2 surveys. Today's end point was at the CEF-001/2-RR11 designation on the map. Extreme overgrowth of wild grape vines and other fauna prevented the survey of some sections of the East bank. About 85% of the West Bank was able to be completed using the Machetes. Map will follow.</p> <p><u>Demobilization:</u> N/A</p>	



**DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:**

**Personnel working and hours on-site: Ron Coleman, Steve Cassidy, Nick Brantly, & Mike Kelly**

**Work Events:**

**0630-0830: Required briefings and training.**

**0835-1000: Purchased additional equipment and completed equipment checks. Departed for the work site.**

**1035-1630: Started UXO Avoidance Survey. GPS of Start and Stop points taken. GPS walk of completed areas locked in. Photos taken of the site and work tasks. GPS could not lock enough satellites to pin point areas that could not be surveyed and will be completed on the 17<sup>th</sup>.**

**Equipment on site: 4 – Schonstedts, 1 – Tremble GPS**

**IMPORTANT PHONE CALLS/DECISIONS: None**

**FIELD TASK MODIFICATIONS: None**

**WEATHER CONDITIONS: High of 95f, low 76f, Winds Light. Heat Index: 103f**

**VISITORS ON SITE: None**

**PERSONNEL ON SITE: Ronald Coleman, Steve Cassidy, Nick Brantly, Mike Kelly & David Siefken**

**SIGNATURE:**

**Ronald Coleman**

**DATE: 08/16/2011**



**FIELD ACTIVITY DAILY LOG**

DATE	08/17/2011
SHEET 1	OF 2

<p><b>PROJECT:</b> Site Walk at Operable Unit 1, Cecil Field, Jacksonville, FL.</p> <p><b>SITE(s):</b> OU-1 Sites 1 &amp; 2</p>	<p><b>Contract NO:</b> N62470-08-D-1001</p> <p><b>TASK CODE:</b> FI.SI.1&amp;2 Field Work</p>
<p><b>FIELD ACTIVITY SUBJECT:</b> Detector Aided / Visual Surface Survey</p>	
<p><b>SUMMARY OF DAILY PROGRESS:</b></p> <p><u>Mobilization:</u> N/A</p> <p><u>Site-Specific Training:</u> Site Safety Briefs. GPS and Instrument checks</p> <p><u>Detector Aided/Visual UXO Avoidance Surface Sweep:</u> 3,400 Total Feet Surveyed</p> <p><u>MEC/MPPEH Management:</u> None Discovered</p> <p><b>SUMMARY:</b> Started today's survey at the stop point South of Site-1. West side of the creek was very accessible, both in the water and on the shoreline. There was one portion of the East side that was overgrown and inaccessible. One Aircraft Flare Launch Tray and one Aircraft Ejection Rack Foot both classified as non-hazardous Munitions Debris (MD) and were located in the creek bed near the GPS Stop Point. GPS Point: 21367 37.68N / 372758.21E @ 41.9 MSL. Photos were taken. Numerous Banana Spiders, one Copperhead snake and several Brown Recluse spiders were avoided with success. Over 3/4 's of the survey has been completed and the remainder will result in a shortened day for the 18<sup>th</sup>.</p> <p><u>Demobilization:</u> N/A</p>	



**TETRA TECH NUS, INC.**

DATE	08/17/2011
SHEET 2	OF 2

**DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:**

**Personnel working and hours on-site: Ron Coleman 9.0, Steve Cassidy 9.0, Nick Brantly 9.0, & Mike Kelly 9.0**

**Work Events:**

**0700-0730: Required Site Briefings. Equipment Checks.**

**0730-1630: Started UXO Avoidance Survey. MD items located in the creek. GPS of MD points taken. GPS walk of completed areas locked in. Photos taken of the MD, Site and Work Tasks. GPS could not lock enough satellites in the afternoon to pin point areas that could not be surveyed and will be completed on the 18<sup>th</sup>.**

**1630-1700: Equipment maintenance and review of GPS Data. Out brief of daily operations. Departed work site.**

**Equipment on site: 4 – Schonstedts, 1 – Tremble GPS**

**IMPORTANT PHONE CALLS/DECISIONS: None**

**FIELD TASK MODIFICATIONS: None**

**WEATHER CONDITIONS: High of 93f, low 78f, Winds Light. Heat Index: 98f**

**VISITORS ON SITE: None**

**PERSONNEL ON SITE: Ronald Coleman, Steve Cassidy, Nick Brantly, Mike Kelly & Tetra Tech Gate Escort (Kara)**

**SIGNATURE:**

**Ronald Coleman**

**DATE: 08/17/2011**







**FIELD ACTIVITY DAILY LOG**

DATE	08/18/2011
SHEET	1 OF 2

<p><b>PROJECT:</b> Site Walk at Operable Unit 1, Cecil Field, Jacksonville, FL.</p> <p><b>SITE(s):</b> OU-1 Sites 1 &amp; 2</p>	<p><b>Contract NO:</b> N62470-08-D-1001</p> <p><b>TASK CODE:</b> FI.SI.1&amp;2 Field Work</p>
<p><b>FIELD ACTIVITY SUBJECT:</b> Detector Aided / Visual Surface Survey</p>	
<p><b>SUMMARY OF DAILY PROGRESS:</b></p> <p><u>Mobilization:</u> N/A</p> <p><u>Site-Specific Training:</u> Site Safety Briefs. GPS and Instrument checks</p> <p><u>Detector Aided/Visual UXO Avoidance Surface Sweep:</u> 4,800 Total Feet Surveyed</p> <p><u>MEC/MPPEH Management:</u> None Discovered</p> <p><b>SUMMARY:</b> Completed the survey of the East shoreline. All survey tasks have been completed. East side of the creek was about 85% accessible w/ machetes. There were two portions of the East side that were overgrown and inaccessible. One Aircraft transported smoke generator windshield, classified as aircraft debris and was located at waypoint #13 on the map. GPS Point: 2138424.70N / 372396.76E. Photos were taken. Numerous Banana Spiders were avoided with success. Data from the GPS will be downloaded and sent to the UXO PM Norm Piper.</p> <p><u>Demobilization:</u> De-Mobilization has been authorized for 19 Aug. 2011</p>	



**DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:**

**Personnel working and hours on-site: Ron Coleman 5.0, Steve Cassidy 5.0, Nick Brantly 5.0, & Mike Kelly 5.0**

**Work Events:**

**0700-0730: Required Site Briefings. Equipment Checks.**

**0730-1130: Started UXO Avoidance Survey. Aircraft debris located at waypoint #13 on the map. GPS point of an Aircraft Smoke Generator Windshield taken. GPS walk of completed areas could not be processed due to Tremble software issues. Photos taken of the Aircraft Debris, Site and Work Tasks. All tasks have been completed and equipment will be transported to the UXO Managers Office.**

**1130-1200: Equipment maintenance and download of GPS Data. Out brief of daily operations.**

**Equipment on site: 4 – Schonstedts, 1 – Tremble GPS**

**IMPORTANT PHONE CALLS/DECISIONS: None**

**FIELD TASK MODIFICATIONS: None**

**WEATHER CONDITIONS: High of 91f, low 76f, Winds Light. Heat Index: 98f**

**VISITORS ON SITE: None**

**PERSONNEL ON SITE: Ronald Coleman, Steve Cassidy, Nick Brantly, Mike Kelly & Tetra Tech Gate Escort (Kara)**

**SIGNATURE:**

**Ronald Coleman**

**DATE: 08/18/2011**





# DAILY QUALITY CONTROL REPORT

Project Name: Site Walk at Operable Unit – 1, (Sites 1&2), Cecil Field Report No: 001  
 Project No: 112G02267 Location: OU-1 Sites 1 & 2 Date: 8-16-2011

Sunday  Monday  Tuesday  Wednesday  Thursday  Friday  Saturday

Weather/Precipitation: **Sunny (Heat Index 103f)** High Temperature: 95f Wind: Light Humidity 72%  
 Low Temperature: 76f

### I. Personnel Present (Reference/attach SUXOS daily report if applicable)

Name	Position	Company
Ron Coleman	SUXO/UXOSO/QC	Tetra Tech NUS
Steve Cassidy	UXO Tech III	Tetra Tech NUS
Nick Brantly	UXO Tech II	Tetra Tech NUS
Mike Kelly	UXO Tech I	Tetra Tech NUS

### II. Work Performed

Equipment checks and Magnetic survey instrument tests were performed and are satisfactory.

**Detector Aided / Visual Surface UXO Avoidance Operation:** Completed required training for this Work Site. UXO Avoidance survey of the OU-1 Site 1&2 areas.

**Detector Aided UXO Avoidance Survey:** 980 feet .

### III. Quality Control Activities ( Reference/attach inspection/surveillance reports):

Required Training and Proper UXO Avoidance Procedures. All tasks completed in accordance with HASP, WP and Tetra Tech SOP's.

### IV. Problems Encountered / Corrective Actions Taken

Heavy overgrowth and deep water made some areas inaccessible.

### V. Directions Given / Received:

None

### VI. Special Notes / Lessons Learned

None

### VII. Visitors:

None

### VIII. Approval

Name and Signature: Ronald Coleman Title/Company: UXOSO/QCS---TTNUS Date: 8-16-2011



Revised April 2005



# DAILY QUALITY CONTROL REPORT

Project Name: Site Walk at Operable Unit – 1, (Sites 1&2), Cecil Field Report No: 002  
 Project No: 112G02267 Location: OU-1 Sites 1 & 2 Date: 8-17-2011

Sunday  Monday  Tuesday  Wednesday  Thursday  Friday  Saturday

Weather/Precipitation: **Sunny (Heat Index 98f)** High Temperature: 93f Wind: Light Humidity 76%  
 Low Temperature: 78f

### I. Personnel Present (Reference/attach SUXOS daily report if applicable)

Name	Position	Company
Ron Coleman	SUXO/UXOSO/QC	Tetra Tech NUS
Steve Cassidy	UXO Tech III	Tetra Tech NUS
Nick Brantly	UXO Tech II	Tetra Tech NUS
Mike Kelly	UXO Tech I	Tetra Tech NUS

### II. Work Performed

Equipment checks and Magnetic survey instrument tests were performed and are satisfactory.

**Detector Aided / Visual Surface UXO Avoidance Operations:** Continue UXO detector aided survey of the OU-1 Site 1&2 areas.

**Detector Aided / Visual Survey:** 3,400 feet total to date

### III. Quality Control Activities ( Reference/attach inspection/surveillance reports):

Proper survey procedures and UXO Avoidance Techniques. All tasks completed in accordance with HASP, WP and Tetra Tech SOP's.

### IV. Problems Encountered / Corrective Actions Taken

Heavy overgrowth and deep water prevented completion of some areas.

### V. Directions Given / Received:

None

### VI. Special Notes / Lessons Learned

None

### VII. Visitors:

None

### VIII. Approval

Name and Signature: Ronald Coleman Title/Company: UXOSO/QCS---TTNUS Date: 8-17-2011



Revised April 2005



# DAILY QUALITY CONTROL REPORT

Project Name: Site Walk at Operable Unit – 1, (Sites 1&2), Cecil Field Report No: 003  
 Project No: 112G02267 Location: OU-1 Sites 1 & 2 Date: 8-18-2011

Sunday  Monday  Tuesday  Wednesday  Thursday  Friday  Saturday

Weather/Precipitation: Partly Cloudy Chance of PM Thunderstorm (Heat Index 98f) High Temperature: 93f Wind: Light Humidity 82%  
 Low Temperature: 76f

### I. Personnel Present (Reference/attach SUXOS daily report if applicable)

Name	Position	Company
Ron Coleman	SUXO/UXOSO/QC	Tetra Tech NUS
Steve Cassidy	UXO Tech III	Tetra Tech NUS
Nick Brantly	UXO Tech II	Tetra Tech NUS
Mike Kelly	UXO Tech I	Tetra Tech NUS

### II. Work Performed

Equipment checks and Magnetic survey instrument tests were performed and are satisfactory.

**Detector Aided / Visual Surface UXO Avoidance Operations:** Completion of UXO detector aided survey of the OU-1 Site 1&2 areas.

**Detector Aided / Visual Survey:** 4,800 feet total to date

### III. Quality Control Activities ( Reference/attach inspection/surveillance reports):

Proper survey procedures and UXO Avoidance Techniques. All tasks completed in accordance with HASP, WP and Tetra Tech SOP's.

### IV. Problems Encountered / Corrective Actions Taken

Heavy overgrowth prevented completion of some areas on the East side of the creek.

### V. Directions Given / Received:

None

### VI. Special Notes / Lessons Learned

None

### VII. Visitors:

None

### VIII. Approval

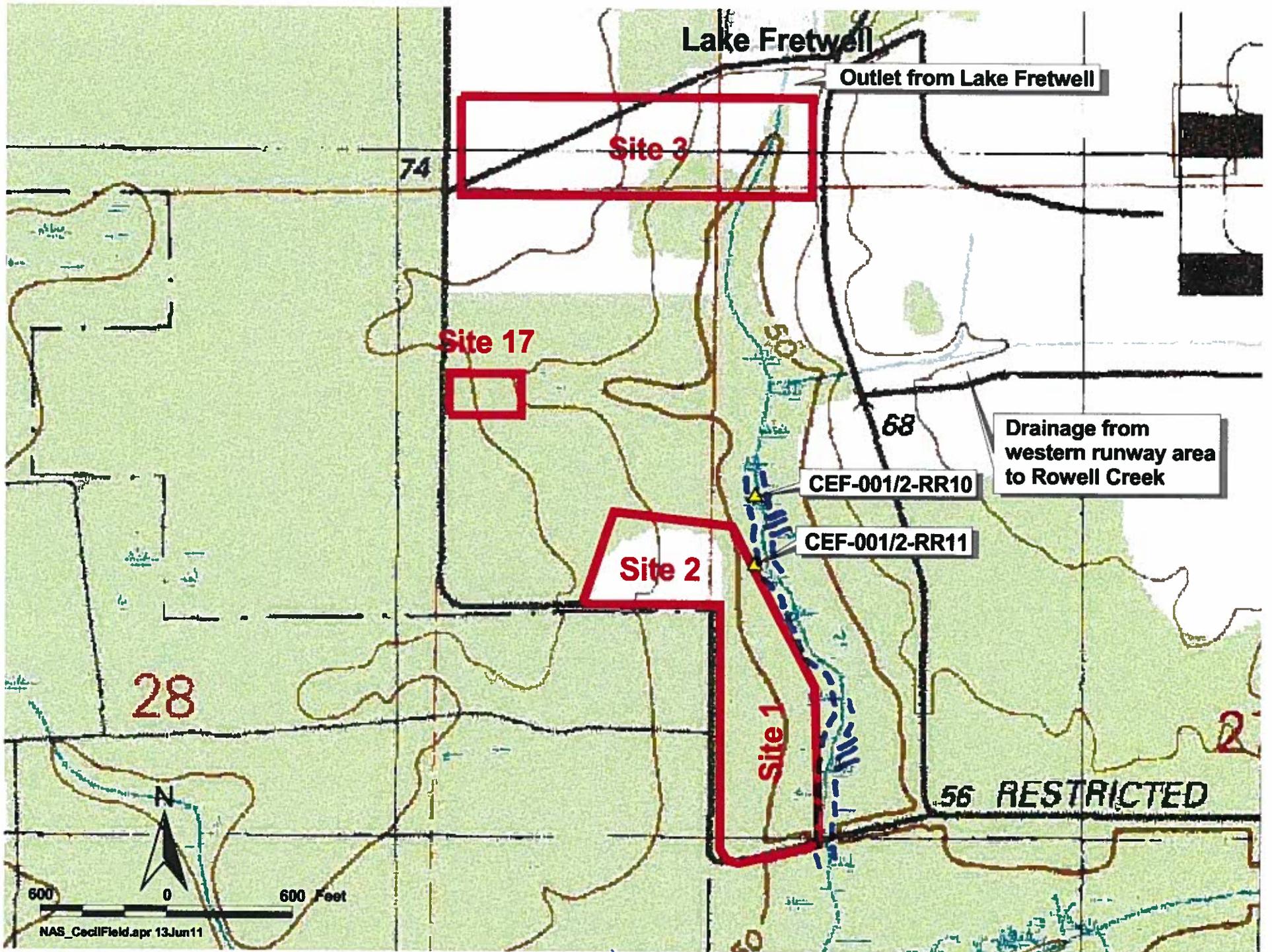
Name and Signature: Ronald Coleman Title/Company: UXOSO/QCS---TTNUS Date: 8-18-2011



Revised April 2005

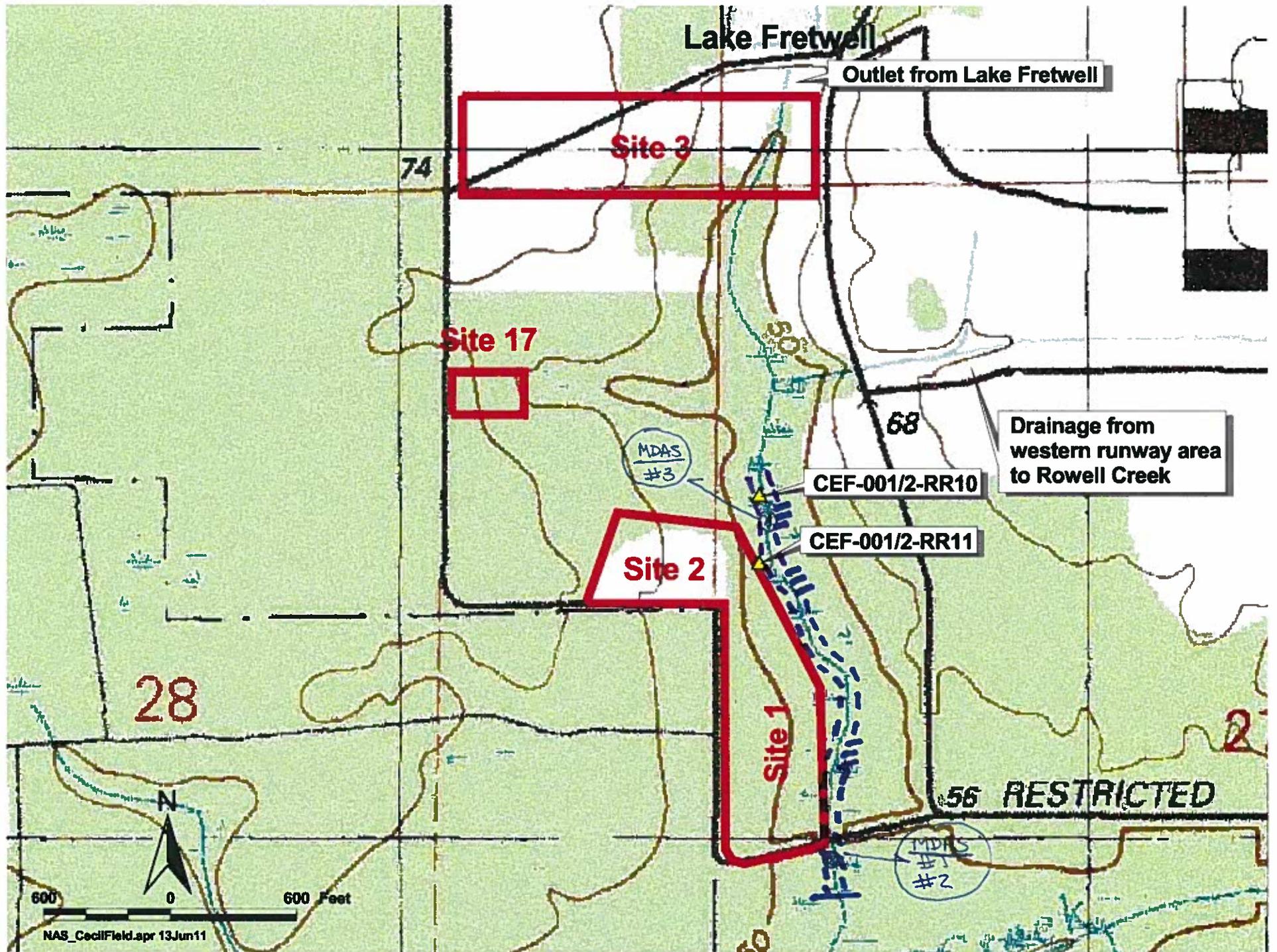
## **APPENDIX B**

B-1



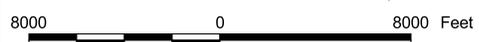
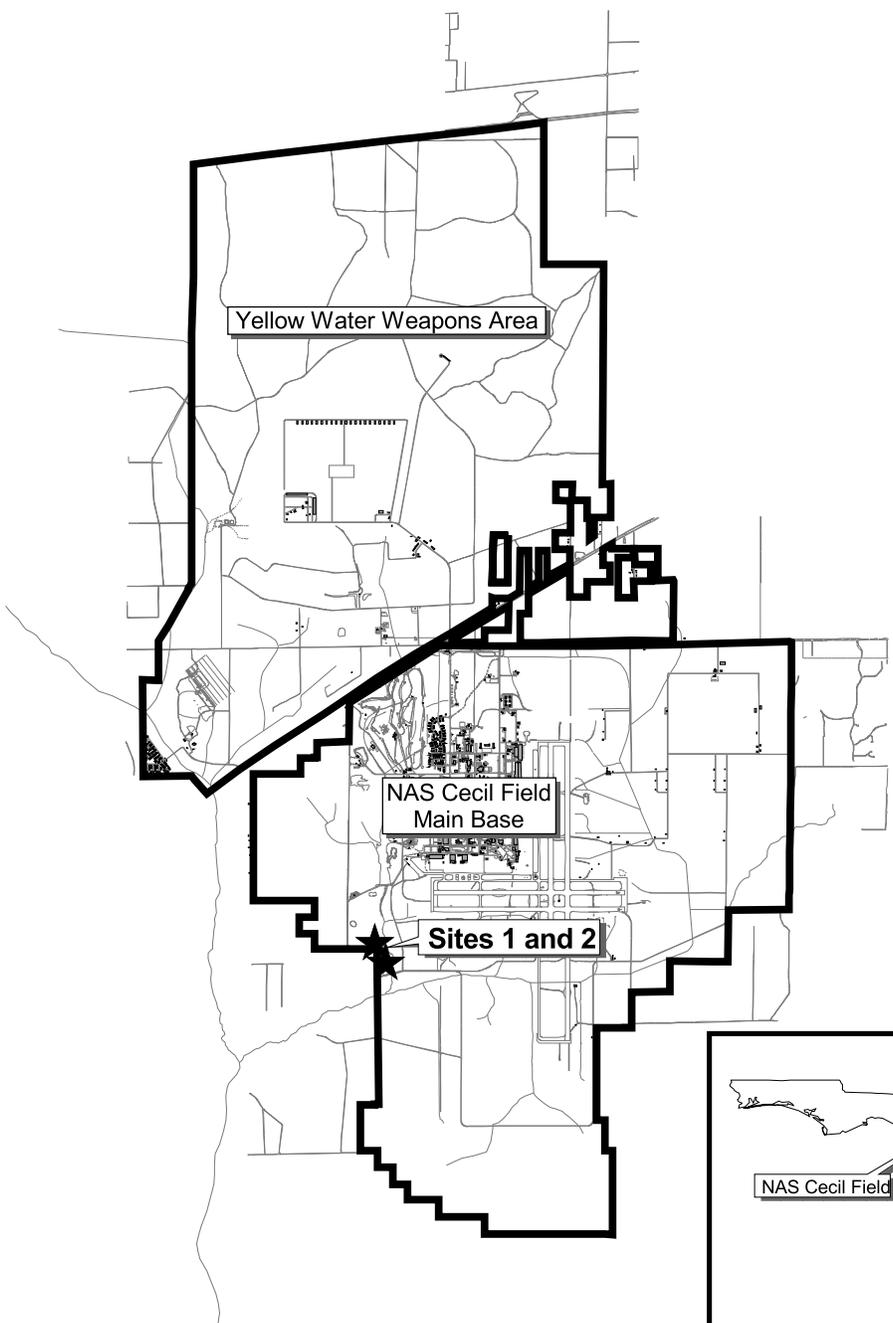
(---) = Area Complete  
 (///) = Area Inaccessible

16<sup>th</sup> : 17<sup>th</sup> Aug 2011



(---) = Area Complete 16, 17<sup>th</sup>, 18<sup>th</sup> Aug 2011  
 (///) = Area Inaccessible MDAS Hems @ Points 1, 2, 3

## **APPENDIX C**



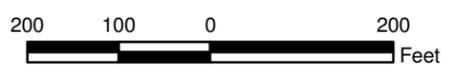
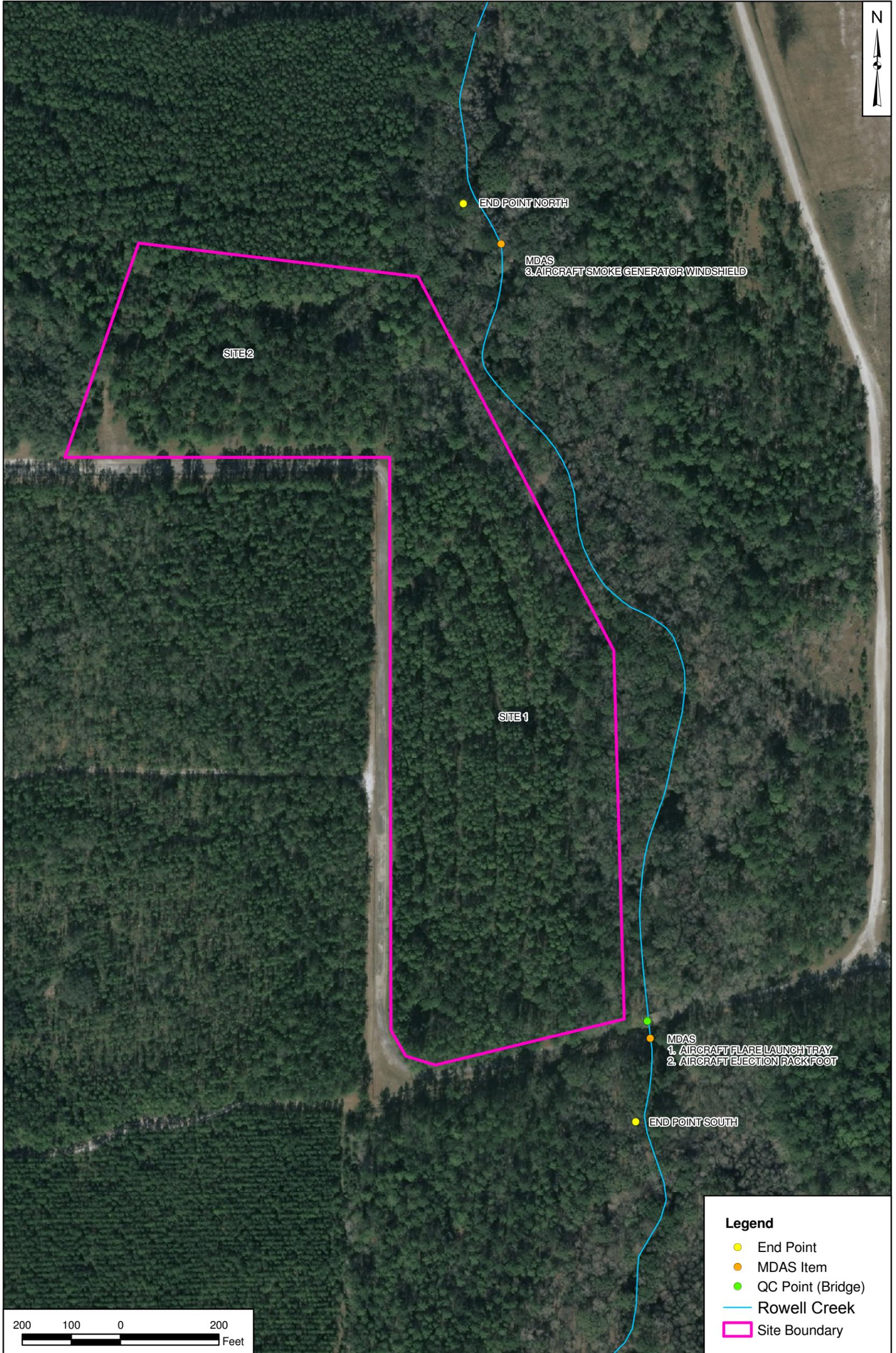
DRAWN BY MJJ	DATE 15Sept11
CHECKED BY EIL	DATE
COST/SCHEDULE-AREA	
SCALE AS NOTED	



GENERAL LOCATION MAP  
OPERABLE UNIT 1, SITES 1 AND 2  
NAVAL AIR STATION CECIL FIELD  
JACKSONVILLE, FLORIDA

CONTRACT NUMBER 2267	
APPROVED BY L. Klink	DATE
APPROVED BY	DATE
DRAWING NO. FIGURE 1	REV 0

:GIS\NAS\_CecilFieldSite-01\_20110915.apr 15Sept11 MJJ 01-01



Legend	
<span style="color: yellow;">●</span>	End Point
<span style="color: orange;">●</span>	MDAS Item
<span style="color: green;">●</span>	QC Point (Bridge)
<span style="color: blue;">—</span>	Rowell Creek
<span style="border: 2px solid magenta; display: inline-block; width: 10px; height: 10px;"></span>	Site Boundary

DRAWN BY S. STROZ	DATE 9/13/11
CHECKED BY N. PIPER	DATE 9/13/11
COST/SCHEDULE-AREA	
SCALE AS NOTED	



**Rowell Creek**  
 UXO SITE WALK  
 SITES 1 & 2  
 NAS CECIL FIELD  
 JACKSONVILLE, FLORIDA

CONTRACT NUMBER	
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO.	REV
2	0