

# **APPENDIX E**

## **VARIANCE REPORTS**



INTERNATIONAL  
TECHNOLOGY  
CORPORATION

Variance No: PARCEL123MARCH02.VR1

Linked w/NC No: X

Date of Issue: 3-21-02

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Project Name: **Fort McClellan** –

Project Number: 796887.27020300

## -Variance Report -

I.Description: (by the person identifying the change)

### FINAL SITE-SPECIFIC FIELD SAMPLING PLAN, RANGE 4A - FOG OIL STORAGE AREA, PARCEL 123(6)

The Final Site-Specific Field Sampling Plan (FSSFSP) proposed a surface soil sample, subsurface soil sample and groundwater sample at sample location PR-123-MW05. The surface soil and groundwater samples were collected, but the subsurface soil sample was not collected.

Identified by: Jeffrey J. Tarr, PG – IT Site Manager

Date: 3-21-02

II. Justification for Variance:

The FSSFSP proposed a subsurface soil sample at sample location PR-123-MW05. The subsurface soil sample was not collected because direct-push refusal was encountered at one foot below ground surface. Three attempts were made to collect a subsurface soil sample, but direct-push refusal was encountered at each location. Therefore, the subsurface soil sample was not collected for chemical analysis.

III. Applicable Document/Work Plan: (by the person identifying the change)

Final Site-Specific Field Sampling Plan Attachments, Range 4A Fog Oil Storage Area – Pelham Range, Parcel 123(6), Fort McClellan, Calhoun County, Alabama, March, 2001.

#### Distribution List:

1. Jeanne Yacoub, IT Project Manager
2. Steve Moran, IT Technical Lead
3. Jeffrey Tarr, IT Site Manager
4. Randy McBride, IT QA Officer
5. Mr. Ellis Pope, US Army Corps of Engineers
6. Mr. Ross McCollum, US Army Corps of Engineers

#### - Signatures -

Requested by: Jeffrey Tarr, PG - IT Site Manager 3-21-02

Date

Approved by: Stanley E. Parrott, USACE 3-21-02

Date

Project Manager Approval: Jeanne Yacoub 4/1/02

Date

QA Approval: Randall M. Smith 3-25-02

Date



**INTERNATIONAL  
TECHNOLOGY  
CORPORATION**

Variance No: PARCEL123(6)OCTOBER01.VR1

Linked w/NC No: X

Date of Issue: 10/22/01

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Project Name: **Fort McClellan** – CK05 \ WAD 27

Project Number: 774645.27020300

## **-Variance Report -**

I.Description: (by the person identifying the change)

### **FINAL SITE-SPECIFIC FIELD SAMPLING PLAN, RANGE 4A FOG OIL STORAGE AREA – PELHAM RANGE, PARCEL 123(6)**

The Final Site-Specific Field Sampling Plan (FSSFSP) proposed using hollow-stem augers to install residuum monitoring wells RNG-123-MW01, RNG-123-MW02, RNG-123-MW03, RNG-123-MW04 and RNG-123-MW05. These five wells were installed using air rotary drilling techniques.

Identified by: **Jeffrey J. Tarr, IT Site Manager**

Date: 10/22/01

II. Justification for Variance:

The FSSFSP proposed drilling with hollow-stem augers at permanent monitoring well locations RNG-123-MW01, RNG-123-MW02, RNG-123-MW03, RNG-123-MW04 and RNG-123-MW05. However, hollow-stem auger refusal was encountered prior to reaching groundwater. Several attempts were made to install the five monitoring wells, but all attempts were unsuccessful. Therefore, a decision was made by the IT Site Manager to install the residuum wells using air rotary drilling techniques. Groundwater was encountered during air rotary drilling and the wells were successfully installed. This variance will not alter the intent of the Site Investigation for Range 4A Fog Oil Storage Area.

III. Applicable Document/Work Plan: (by the person identifying the change)

Final Site-Specific Field Sampling Plan, Site-Specific Safety and Health Plan, and Site-Specific Unexploded Ordnance Safety Plan Attachments; Range 4A Fog Oil Storage Area – Pelham Range, Parcel 123(6).

#### Distribution List:

1. Jeanne Yacoub, IT Project Manager
2. Steve Moran, IT Technical Lead
3. Jeffrey Tarr, IT Site Manager
4. Randy McBride, IT QA Officer
5. Mr. Ellis Pope, US Army Corps of Engineers
6. Mr. Ross McCollum, US Army Corps of Engineers

#### **- Signatures -**

Requested by: *Jeffrey J. Tarr* 10-22-2001  
Date

Approved by: *Harley E. Smith - USACE* 10-24-01  
Date

Project Manager Approval: *Jeanne Yacoub* 11/7/01  
Date

QA Approval: *Randy L. McBride* 10-25-01  
Date