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DEPARTMENT OF THE AIR FORCE  
27TH CIVIL ENGINEER SQUADRON (ACC)  
CANNON AIR FORCE BASE NEW MEXICO

Lieutenant Colonel Alexander P. Karibian  
Commander  
506 N DL Ingram Blvd  
Cannon AFB NM 88103-5003

Mr. James Bearzi  
Hazardous Waste Bureau Chief  
New Mexico Environment Department  
2905 Rodeo Dr E Building 1  
Santa Fe NM 87505-6303

Dear Mr. Bearzi

Cannon Air Force Base has submitted under separate cover two copies of the Work Plan Phase I Investigation Soil Corrective Measures Fire Training Area 04, Cannon Air Force Base, New Mexico, dated Nov 04 and two copies of the Final Work Plan Addendum for the removal of Contaminated Soil at SWMU 109 (Fire Training Area 04) Cannon Air Force Base, New Mexico, dated Mar 05. Fire Training Area 04 consists of Solid Waste Management Units 109, 110, 111, and 112. These copies were sent to Mr. David Cobrain in your Santa Fe Office.

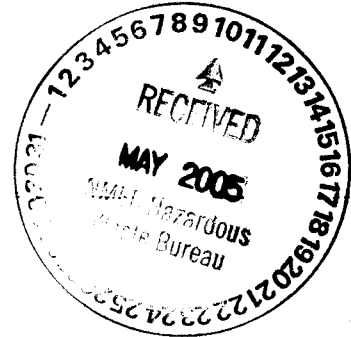
The purpose of this work plan and addendum was to articulate the removal and disposal of contaminated soils at Fire Training Area 04.

If you have any questions regarding this information, please contact Mrs. Sheila Newman, Environmental Flight, at (505) 784-6391 or email [sheila.newman@cannon.af.mil](mailto:sheila.newman@cannon.af.mil).

Sincerely

ALEXANDER P. KARIBIAN, Lt Col, USAF

MAY 05 2005



**Final Work Plan Addendum  
for the Removal of Contaminated Soil  
at SWMU 109 (Fire Training Area No. 4)  
Cannon Air Force Base, New Mexico**

**March 2005**



***Prepared for:***

**27 CE/CEV  
Cannon Air Force Base, NM**

**and**

**HQ ACC/CEV  
Langley Air Force Base, VA**



**FINAL WORK PLAN ADDENDUM  
FOR THE REMOVAL OF CONTAMINATED SOIL  
AT SWMU 109 (FIRE TRAINING AREA NO. 4)  
CANNON AIR FORCE BASE, NEW MEXICO**

Prepared for:

27 CE/CEV  
Cannon Air Force Base, New Mexico

and

HQ ACC/CEVC  
Langley Air Force Base, Virginia

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Under Contract No. DACW45-94-D-0003  
Delivery Order 28, Work Authorization Directive 1

U.S. Army Corps of Engineers  
Omaha District  
Omaha, Nebraska

March 2005

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(Fire Training Area No. 4), Cannon Air Force Base, New Mexico (May 2000)
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## LIST OF ACRONYMS

AFB	Air Force Base
CIH	Certified Industrial Hygienist
CMS	corrective measures study
cy	cubic yards
DO	Delivery Order
DRO	diesel range organics
EPA	U.S. Environmental Protection Agency
Foster Wheeler Environmental ft	Foster Wheeler Environmental Corporation foot/feet
FTA-4	Fire Training Area 4
HASP	Health and Safety Plan
NMED	New Mexico Environment Department
PCS	petroleum-contaminated soil
PPE	personal protective equipment
QA	quality assurance
QC	quality control
QAPP	Quality Assurance Project Plan
SHSO	Site Health and Safety Officer
SOP	standard operating procedure
SSHP	Site Safety and Health Plan
SWMU	solid waste management unit
TCLP	toxicity characteristic leaching procedure
TN&A	T N & Associates, Inc.
TPH	total petroleum hydrocarbons
TtEC	Tetra Tech EC, Inc.
USACE	U.S. Army Corps of Engineer

## 1. INTRODUCTION

This document is an addendum to the May 2000 Draft Work Plan for the Removal of Contaminated Soil at Solid Waste Management Unit (SWMU) 109 (Fire Training Area No. 4). The work plan addendum describes the updated scope of work and field program for the excavation and disposal of petroleum-contaminated soil (PCS) at Fire Training Area 4 (FTA-4), Cannon Air Force Base (AFB) (Figure 2-1 of the Draft Work Plan). Four separate SWMUs comprise FTA-4 and include the following:

- SWMU 109—Fire Training Pit
- SWMU 110—Underground Waste Oil Tank
- SWMU 111—Unlined Pit
- SWMU 112—Oil/Water Separator

The scope of work developed in 2000 as part of the corrective measures study (CMS) described the work process and requirements for excavating soil from an area measuring 20 feet (ft) by 20 ft to a depth of 2 ft, and the subsequent disposal of the PCS to support corrective action of the site. The scope of the original field program was never conducted and a revised approach for corrective action of the site using an *in situ* passive bioventing system was selected as the final remedy during the CMS. However, passive bioventing system was never implemented either. As a result, high molecular weight petroleum contamination still exists in soil at the site even though the risk assessment shows that exposure to individual chemicals indicated acceptable risk to human health and the environment following current NMED guidance (Foster Wheeler Environmental, 2001).

The objective of this field program is to remove the top 2 ft of soil from an area measuring approximately 8,000 square feet determined as a result of the Phase 1 Investigation Soil Corrective Measures conducted by T N & Associates (TN&A) (TN&A, 2005). Figure 1 presents a map showing the location of the proposed excavation area where high levels of total petroleum hydrocarbon (TPH) diesel range organics (DRO) were detected during the Phase 1 Investigation in November 2004. Tetra Tech EC, Inc. (TtEC) and TN&A will conduct the field work in a collaborative effort consisting of the following tasks:

- Site mobilization (TtEC)
- Excavation and stockpiling of up to 650 cubic yards (cy) (equivalent to 1000 tons) of PCS from the area or the former concrete pad within SWMU 109 (TtEC)
- Confirmation sampling of the excavation sidewalls and floor, and sampling of the soil to be disposed offsite for the purpose of waste characterization (TtEC)
- Off-site transportation and disposal of up to 1,000 tons of PCS (TN&A)
- Excavation backfilling, compacting, and grading (TN&A)
- Site demobilization (TN&A)

The approach for this soil removal project is based on the results of the November 2004 field sampling program conducted by TN&A which confirmed the presence of petroleum contamination in soil at FTA-4 (TN&A, 2005). TtEC will conduct this corrective action for Cannon AFB and the U.S. Army Corps of Engineers (USACE) under Total Environmental Restoration Contract No. DACW-45-94-D0003, Delivery Order (DO) 28, Work Authorization Directive 1.

This document is an addendum to the Draft Work Plan for the Removal of Contaminated Soil at SWMU 109 (Foster Wheeler Environmental, 2000). All field activities will be performed in accordance with the Basewide Health and Safety Plan (HASP) (Foster Wheeler Environmental, 2000b), the project Site Safety and Health Plan (SSHP), and USACE health and safety requirements (USACE, 2003). The Draft Work Plan is presented in its entirety as Appendix A of this document.

All activities will be governed by the applicable technical specifications, standard operating procedures (SOPs), and requirements as originally presented in Appendices A through E of the Draft Work Plan. The project-specific SSHP will be followed for health and safety on site as will the site-specific Activity Hazard Analysis. Supplemental information for the management of waste and project-specific quality assurance (QA) and quality control (QC) are provided in Section 4.0 of this work plan addendum. Appendix A presents a copy of the Draft Work Plan as a supplemental attachment to this work plan addendum for reference.

## 2. SCOPE OF ACTIVITIES

The following subsections present information related to the activities associated with the removal action at FTA-4. For specific information refer to Section 4 of the Draft Work Plan.

### 2.1 Site Mobilization

Mobilization activities will include:

- Attending preconstruction meeting
- Determining site layout and traffic/access roads
- Delivering equipment, materials, and supplies to the site
- Establishing construction zones at the site
- Confirming approval of the base digging permit and inspecting utility mark-outs at the site
- Securing necessary clearances/approvals to work at the site
- Conducting site-specific orientation and health and safety training of workers, including medical surveillance information, and issuing base passes



TtEC will conduct a preconstruction meeting at Cannon AFB on the morning of the first day of mobilization. Invitees to the conference will include:

<u>Name</u>	<u>Affiliation</u>	<u>Project Role</u>
Sheila Newman	Cannon AFB	RCRA Corrective Action Remediation Program Manager
Jane Davey	USACE	Technical Project Manager
Ron Versaw	TtEC	Program Manager/Project Engineer
Carol Bieniulis	TtEC	DO Manager
James Morning	TtEC	Site Superintendent/Site Health and Safety Officer (SHSO)
Craft	TtEC	Laborer
Nova Clite	TN&A	Project Manager

Other individuals from the base, USACE, and TN&A may attend the meeting as necessary. The meeting will be conducted at Cannon AFB during mobilization. Those individuals who will not be on site may attend via teleconference. For specific information related to mobilization, refer to Section 4.2.2 of the Draft Work Plan.

## **2.2 Excavation and Stockpiling**

Up to 650 cy (equivalent to approximately 1000 tons) of PCS from the area or the former concrete pad within SWMU 109 will be excavated and stockpiled during this task. Construction activities that will be performed immediately following mobilization include:

- Temporary erosion and sediment control
- Excavation of PCS
- Stockpiling and management of stockpiles prior to transportation and offsite disposal
- Confirmation and waste characterization stockpile soil sampling

For specific information related to excavation and stockpiling, refer to Section 4.2.3 of the Draft Work Plan.

## **2.3 Confirmation and Stockpile Soil Sampling**

TtEC will collect eight samples and one field duplicate from the sidewalls and floor of the excavation to confirm the presence or absence of contamination. Five discrete sample locations will be distributed around the perimeter wall at equally spaced intervals and three discrete samples will be located on the excavation floor. The field duplicate will be collected at random as a sample corresponding to any of the eight confirmation samples. The confirmation soil samples will be analyzed for TPH DRO using U.S. Environmental Protection Agency (EPA) SW-846 method modified 8015M. The excavation sidewalls and floor soil will be sampled according to SOP B3, Soil Sampling, which is included in Appendix B of the Draft Work Plan.

Prior to excavation, TtEC will collect one five-point composite sample from within the area to be excavated in order to characterize the soil for offsite disposal as required by the disposal facility. Since all soil that is excavated will be disposed off site, this approach for sampling prior to

stockpiling will expedite the sample analysis and evaluation of data to allow transportation and offsite disposal soon after excavation is complete. The stockpile soil sample will be analyzed for the following parameters:

- TPH DRO – EPA SW-846 method modified 8015M
- Toxicity characteristic leaching procedure (TCLP) volatile organic compounds – EPA SW-846 method 1311/8260
- TCLP semivolatile organic compounds – EPA SW-846 method 1311/8270
- TCLP pesticides – EPA SW-846 method 1311/8081
- TCLP herbicides – EPA SW-846 method 1311/8151
- TCLP metals – EPA SW-846 method 1311/6010B and 7470A
- Ignitability – EPA SW-846 method 1311/1010
- Reactivity (cyanide and sulfide) – EPA SW-846 method Chapter 7

Sample results will be provided by the laboratory based on a five-day turnaround. Upon receipt of the analytical data, the project chemist will review the results and provide them to the project manager for evaluation. The analytical results for confirmation samples will be evaluated in accordance with current NMED guidance. As all stockpiled soil will be disposed off site under a subcontract with TN&A, the analytical results for the stockpiled soil will be provided to USACE and TN&A to support waste disposal.

### 2.3.1 Sample Designation

TtEC will use the following sample nomenclature for designating environmental samples per the Draft Work Plan (Foster Wheeler Environmental, 2000):

Installation	###	AA	##
Cannon	SWMU Identification	Sample Type	Sequential Sample Number

Sample nomenclature for this project is limited to the following:

Installation: Cannon AFB (C)  
###: 109  
AA: Excavation floor (EF) or sidewall (EW); or stockpile (SP)  
##: 01, 02, 03, 04, 05

For example, according to the sample numbering system, the first soil sample collected from an excavation sidewall will be identified as C109E W01.

### **2.3.2 Sampling Equipment and Procedures**

TtEC will conduct all sampling in accordance with the SOPs contained in Appendix B. Specifically, these SOPs and the equipment required to implement the SOPs are as follows:

- SOP B1—Decontamination Methods
- SOP B2—Photoionization Detectors
- SOP B3—Soil Sampling
- SOP B4—Sample Handling and Documentation

Details of the implementation of the sampling procedures are contained in the SOPs referenced above. All SOPs applicable to the supplemental field program are presented in Appendix B.

### **2.4 Offsite Transportation and Disposal**

Assuming up to 650 cy of soil are excavated from FTA-4, up to 1,000 tons of PCS will require offsite disposal. Waste transportation and disposal will be handled by TN&A under a contract separate from the work conducted by TtEC. The transportation, storage, and disposal facility to be subcontracted by TN&A is Rhino Environmental Inc. which operates a regulated New Mexico Special Waste disposal facility in Hobbs, New Mexico.

A TN&A representative will provide oversight for waste loading and transportation off the Base.

Manifests for all waste disposed off site will be signed by the Cannon AFB Project Manager. TN&A will provide copies of the waste manifests to Cannon AFB, USACE, and TtEC for project documentation.

For specific information related to waste management, refer to Section 5.3 of the Draft Work Plan.

### **2.5 Excavation Backfilling**

The excavation will be backfilled with clean material brought in from an offsite source. Rhino Environmental will supply and transport clean soil backfill material. Either direct dumping or the use of a backhoe or wheel loader may be used to place backfill in maximum 1-ft lifts.

Variation to the Technical Specification on Earthwork in Appendix B of the Draft Work Plan:  
The weight of the truck and/or the backhoe or wheel loader will be sufficient to compact the soil backfill material. Mechanical compaction to 90 percent of standard proctor will not be required. Consistent with the technical specification in Appendix B of the Draft Work Plan, geotechnical testing will not be required.

Revegetation of the area will not be required for this project.

For specific information related to backfilling, refer to Section 4.2.3.3 and Appendix B of the Draft Work Plan.

## **2.6 Site Demobilization**

Demobilization will consist of removing all equipment, cleaning the project site, inspecting the work, and certifying completion. Site cleaning will include repairing any erosion- or runoff-related damage; grading all areas affected by the construction; removing all materials such as excess construction material, wood, debris, and other foreign material; and removing all construction equipment and temporary facilities.

## **3. HEALTH AND SAFETY**

The Basewide HASP and project-specific SSHP (in Appendix A) will be used during the soil sampling and all other field activities. Based on site-specific information and the levels of constituents in the soil, the subsequent sections provided a summary of health and safety protocol that will be followed during the surface soil sampling.

### **3.1 Personal Protective Equipment**

Level D personal protective equipment (PPE) will be used to conduct soil excavation and associated activities at FTA-4. The following items comprise Level D PPE that will be used during sampling activities:

- Sturdy pants and short- or long-sleeved shirt
- Leather or chemical-resistant work boots with a steel toe and shank
- Disposable nitrile outer gloves and nitrile inner gloves (required for sampling)
- Safety glasses
- OSHA-approved hard hat

### **3.2 Hazards**

An updated AHA is provided in Appendix A, Attachment 4, and presents the potential physical, chemical, and biological hazards of the field program and the measures that will be taken to mitigate those hazards. During the excavation and truck loading, the SHSO will monitor the breathing zone of workers using a photoionization detector or flame ionization detector whenever odors indicate the presence of petroleum type materials in the excavated soil. In the event that during air monitoring a sustained concentration of 5 parts per million is detected in the work area, and upgrade in PPE to Level C respiratory protection will be required. Based on recent field activities at FTA-4 and associated air monitoring, chemical exposure is expected to be minimal or non-detectable.

### **3.3 Project Personnel and Emergency Response**

Key project personnel for this project, their responsibilities, and telephone numbers are provided in Table 1. Emergency contacts for this project are provided in the health and safety contact summary sheet (see page 8). Mr. James Morning of TtEC and Mr. Parley Ansley of TN&A will also serve as the SHSOs, providing health and safety support for contractor-specific tasks throughout the field program.

**Table 1. Key Personnel and Responsibilities**

<b>Name</b>	<b>Responsibility</b>	<b>Telephone Numbers</b>
Carol Bieniulis	TtEC DO Manager	(505) 878-8900, x201 - Office (505) 301-4715 - Cell
Ron Versaw, P.E.	TtEC Program Manager	(303) 980-3707 - Office (303) 378-0674 - Cell
James Morning, OHST	TtEC Site Superintendent/SHSO	(505) 479-2668 - Office (505) 430-2307 - Cell
Roger Margotto, CIH	TtEC Project Environmental Safety Manager	(619) 471-3503 - Office (714) 810-3742 - Pager
Nova Clite	TN&A Project Manager	(414) 607-6727 - Office
Parley Ansley	TN&A Site Superintendent/SHSO	(515) 238-7802 - Cell

#### **4. QUALITY ASSURANCE PROJECT PLAN**

The Quality Assurance Project Plan (QAPP), Section 7 of the Draft Work Plan (Foster Wheeler Environmental, 2000), will be followed during the soil sampling. This QAPP follows the format provided in the General Chemistry Supplement to the Scope of Services for Studies (USACE, 1996). Sampling and analysis will be conducted in accordance with the QAPP and superceding information presented in this work plan addendum.

Appendix B to this work plan presents the analytical methods, reporting limits, and QC criteria specific to this corrective action. The information presented in Appendix B of this work plan addendum supercedes the information presented in Section 7 of the May 2000 Draft Work Plan. Soil samples collected in support of the FTA-4 soil removal action will be sent to GPL Laboratories for analysis. The address and project manager for GPL Laboratories is listed below.

GPL Laboratories  
7210A Corporate Court  
Frederick, Maryland 21703  
Phone: (301) 694-5310  
Project Manager: Pat Zimmerman

Confirmation soil samples will be analyzed for TPH-DRO only. The composite sample collected for characterization of the soil to be excavated will be analyzed for RCRA waste characterization parameters including TCLP, ignitability, and reactivity. The method reporting limits for TPH-DRO and the RCRA waste characterization analyses will achieve the 940 milligrams per kilogram NMED screening level for petroleum hydrocarbons and the regulatory levels for toxicity characteristics.

## HEALTH AND SAFETY CONTACT SUMMARY SHEET

Tetra Tech EC, Inc.  
6605 Uptown Blvd., Suite 220  
Albuquerque, NM 87110  
Office: (505) 878-8900  
Fax: (505) 878-8933

T N & Associates, Inc.  
1033 N. Mayfair Road, Suite 200  
Milwaukee, WI 53226  
Office: (414) 257-4200  
Fax: (414) 257-2492

### CONTACT NAME/TELEPHONE NUMBERS

Name and Title	Telephone Number
Carol Bieniulis – TtEC Delivery Order Manager	(505) 878-8900, x201 (505) 301-4715 (cell)
Ron Versaw, P.E. – TtEC Program Manager	(303) 980-3707 (303) 378-0674 (cell)
James Morning – TtEC Site Superintendent/SHSO	(505) 232-9348 (505) 301-4716 (cell)
Nova Clite – TN&A Project Manager	(414) 607-6727
Roger Margotto, CIH – TtEC Project Environmental Safety Manager	(619) 471-3503 (714) 810-3742 (pager)
Parley Ansley – TN&A Site Superintendent/SHSO	(515) 238-7802 (cell)
Sheila Newman – Cannon AFB RCRA Corrective Action Remediation Program Manager	(505) 784-6391
Jane Davey – USACE Technical Project Manager	(402) 221-7645
EMERGENCY TELEPHONE NUMBERS	
Agency	Telephone Number
Ambulance (Base)	(505) 784-4033
Fire Department (Base)	(505) 784-2578
Base Clinic	(505) 432-6866
Poison Control	(800) 432-6866
EPA (information line)	(800) 424-9346
National Response Center	(800) 424-8802
Chemtrec	(800) 424-9300
Civilian Hospital – Clovis High Plains Hospital	(505) 769-2141

## 5. REGULATORY COMPLIANCE

### 5.1 Permits

Title 40 of the Code of Federal Regulations 122.26 requires a National Pollution Discharge Elimination System permit for construction activity, including clearing, grading, and excavation activities, except for operations that result in the disturbance of less than 1 acre of total land area and are not part of a larger common plan of development or sale. The actual construction area for this project is less than 1 acre, therefore a construction permit or a Notice of Intent to discharge is not required and a project-specific Stormwater Pollution Prevention Plan is not required. To minimize any discharges resulting from construction activities, best management practices will be followed. Appendix A of the Draft Work Plan presents the technical specifications for this project as they relate to dust control, erosion and sediment control, and earthwork.

### 5.2 Waste Management

Waste will be generated as a result of excavation activities. Waste minimization techniques will be employed whenever possible. Waste generated during this field program will be characterized using the analytical results available from stockpile soil samples. Wastes that may be generated in the field are listed below:

- Contaminated soil
- Decontamination fluids
- PPE

The management of these wastes will follow Section 5.6 of the Regulatory Compliance Plan, included in Section 5 of the Draft Work Plan (Foster Wheeler Environmental, 2000).

## 6. PROJECT MANAGEMENT

### 6.1 Project Schedule

Table 2 presents the proposed project schedule.

### 6.2 Project Staffing Plan

The key parties involved in the project are the USACE Omaha District, Cannon AFB, TtEC, and TN&A. A summary of key TtEC project team members and their responsibilities follows.

- Mr. Ron Versaw, P.E., is the TtEC TERC Program Manager and Project Engineer. He will provide technical assistance and oversight of the work in accordance with regulations, professional standards, and client expectations.

**Table 2. Project Schedule**

Task	Start Date	End Date	Duration
<b>TtEC Tasks</b>			
Mobilization	3/28/2005	3/28/2005	1 day
Soil Characterization Sampling and Shipping	3/29/2005	3/29/2005	<1 day
Excavation and Stockpiling	3/29/2005	3/31/2005	3 days
Excavation Demobilization and Confirmation Sampling	4/1/2005	4/1/2005	1 day
Soil Results to USACE, Cannon AFB, and TN&A	4/6/2005		
<b>TN&amp;A Tasks</b>			
Waste Disposal Hauling and Backfilling	4/4/2005	4/13/2005	8 days
Final Demobilization and Site Restoration	4/14/2005	4/15/2005	2 days
Letter report submittal by TtEC (one version only)	5/16/2005		

- Ms. Carol Bieniulis is the TtEC DO Manager for Cannon AFB and the Project Manager for the FTA-4 soil removal. She will be responsible for implementing the TtEC work tasks in accordance with performance, cost, and schedule goals and for overall coordination of the project. In addition, she is responsible for the direction, execution, and successful completion of all TtEC project tasks at Cannon AFB.
- Ms. Nova Clite is the TN&A Project Manager for the FTA-4 soil removal. She will be responsible for implementing the TN&A work tasks in accordance with performance, cost, and schedule goals and for overall coordination of the project.
- Mr. James Morning will serve as the TtEC Site Superintendent for this project. He will be responsible for the daily direction of TtEC site-related project activities. In addition, he is the Site Health and Safety Officer for TtEC work tasks. In this capacity he will be responsible for assisting site personnel in implementing the SSHP and performing duties related to health and safety.
- Mr. Parley Ansley will serve as the TN&A Site Superintendent for this project. He will be responsible for the daily direction of TN&A site-related project activities. In addition, he is the Site Health and Safety Officer for TN&A work tasks. In this capacity he will be responsible for assisting site personnel in implementing the SSHP and performing duties related to health and safety.
- Ms. Keli McKay is the TtEC Regulatory Compliance Manager and is responsible for addressing the project-related regulatory compliance issues.
- Mr. Roger Margotto, Certified Industrial Hygienist (CIH), is the TtEC Project Environmental Safety Manager. He will assist site personnel in resolving health and safety issues that may arise during the course of the project.



### **6.3 Documentation and Reporting**

Reports and submittals are addressed in detail in Section 4 of the Construction QA/QC Plan in Appendix D of the Draft Work Plan.

#### **6.3.1 Inspections**

Due to the short timeframe associated with the field program, two inspections will be conducted by both TtEC and TN&A related to their specific work tasks as follows:

- Preparatory/Initial Phase Inspection – This single inspection will be completed prior to doing any work on site and will meet the requirements both types of inspections. Specific details of these inspections is provided in Sections 3.1 and 3.2 of the Construction QA/QC Plan in Appendix D of the Draft Work Plan.
- Completion Inspection – This single inspection will take place at the conclusion of the field tasks after all work has been completed by the contractor. This inspection will fulfill the requirements of the three types of completion inspections as outlined in Sections 3.4.1, 3.4.2, and 3.4.3 of the Construction QA/QC Plan in Appendix D of the Draft Work Plan.

#### **6.3.2 Reporting**

The reporting required for this project includes the following:

- Daily Quality Control Summary Reports – In accordance with Section 4.1 of the Construction QA/QC Plan in Appendix D of the Draft Work Plan, the TtEC Site Superintendent will prepare and submit Daily Quality Control Summary Reports (DQCRs) to the USACE Project Manager. A DQCR will be completed to document construction activities covered by the CQC Plan (Appendix D of the Draft Work Plan). Contractors will be responsible for the DQCRs related to their field tasks.
- Letter Report – At the conclusion of the project, TtEC will provide a one version of a letter report that documents project activities. Additional items to be presented in the letter report include variances to the work plan, if any; analytical data and associated evaluations; and waste manifests.

## 7. REFERENCES

### Foster Wheeler Environmental

2001. Final Corrective Measures Study Report for SWMUs 109, 110, 111, and 112— Fire Training Area Four. Cannon Air Force Base, New Mexico. December 2001.

2000. Draft Work Plan for the Removal of Contaminated Soil at SWMU 109, Cannon Air Force Base, Clovis, New Mexico. May 2000.

### TN&A

2005. Phase 1 Investigation at Fire Training Area 04, Cannon Air force Base, New Mexico. January 2005.

### USACE

2003. Safety and Health Requirements, EM 385-1-1. November 2003.

2002. General Chemistry Supplement to the Scope of Services, Revision 2. November 2002.