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San Bernardino, California 92408
TC# 30079-B1OM.06/ October 2013

2013 Munitions Inspection Report Potrero Canyon Site 1) Beaumont, California

Prepared for:
Lockheed Martin Corporation

Prepared by:
Tetra Tech, Inc.

October 2013



Ralph Brooks
UXO Project Manager



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Program Manager

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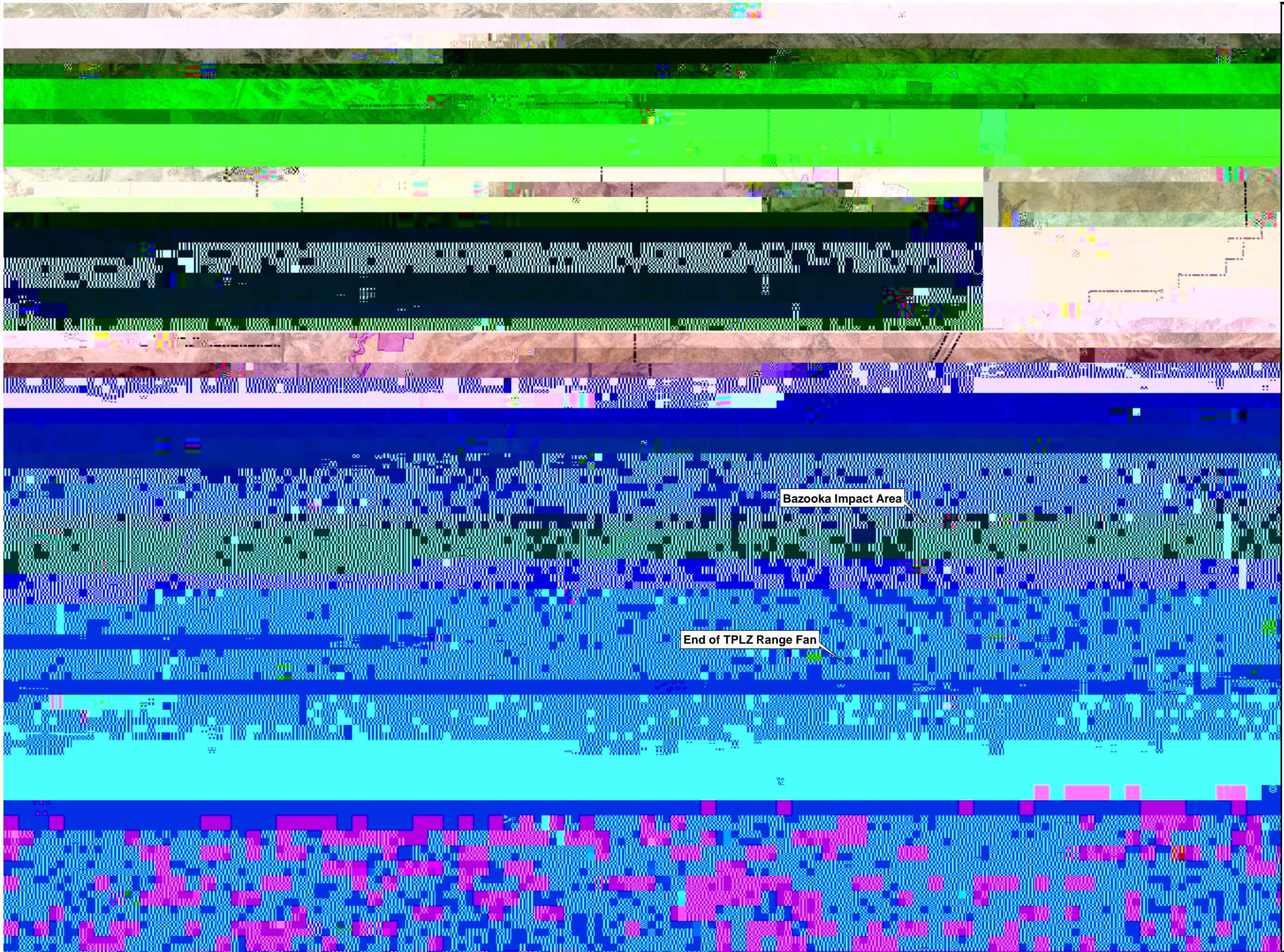
APPENDIX A – DAILY REPORTS

APPENDIX B – MDAS DISPOSAL RECORDS

ABBREVIATIONS AND ACRONYMS

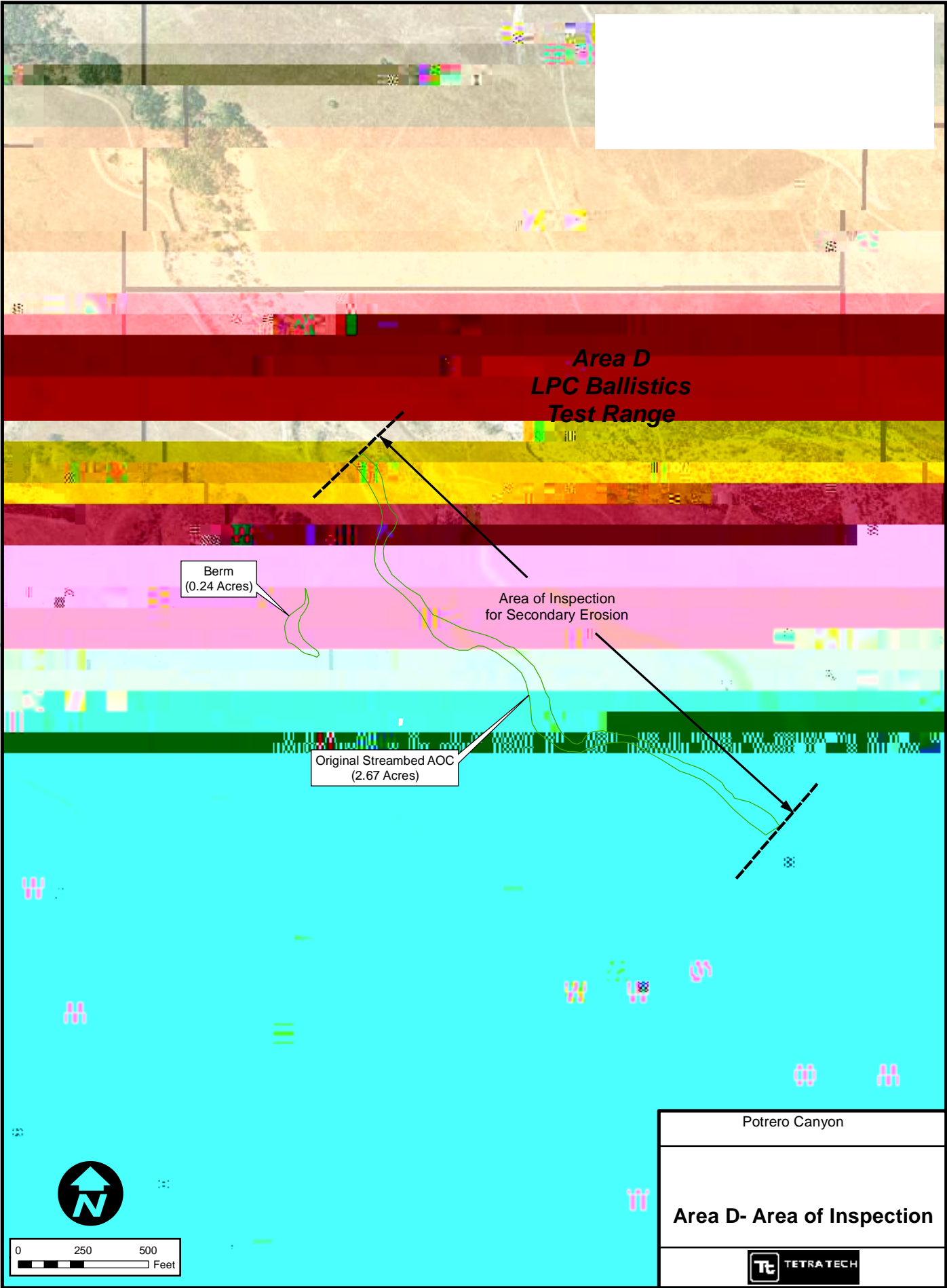
Area A	Eastern Aerojet Range
Area B	Rocket Motor Production Area
Area C	Burn Pit Area
Area D	Lockheed Production Company Ballistics Test Range
Area F	Lockheed Propulsion Company Test Services Area
Area G	Helicopter Weapons Test Area
Area H	Sanitary Landfill
Area I	Western Aerojet Range
AOC	area of concern
GPS	global positioning system
HCP	Hazardous Conservation Plan
HDT	Riverside County Sheriff's Hazardous Devices Team
ID	identification
LMC	Lockheed Martin Corporation
MEC	munitions and explosives of concern
MD	munitions debris
MPPEH	material potentially presenting an explosive hazard
Report	Munitions and Explosives of Concern Inspection Report
Site	Potrero Canyon (Lockheed Martin Beaumont) TMD-68 Tm [(R)-3.0(a)

This Report is organized into the following sections: 1) Introduction, 2) Inspection Methodology,



Bazooka Impact Area

End of TPLZ Range Fan



**Area D
LPC Ballistics
Test Range**

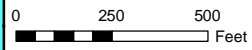
Berm
(0.24 Acres)

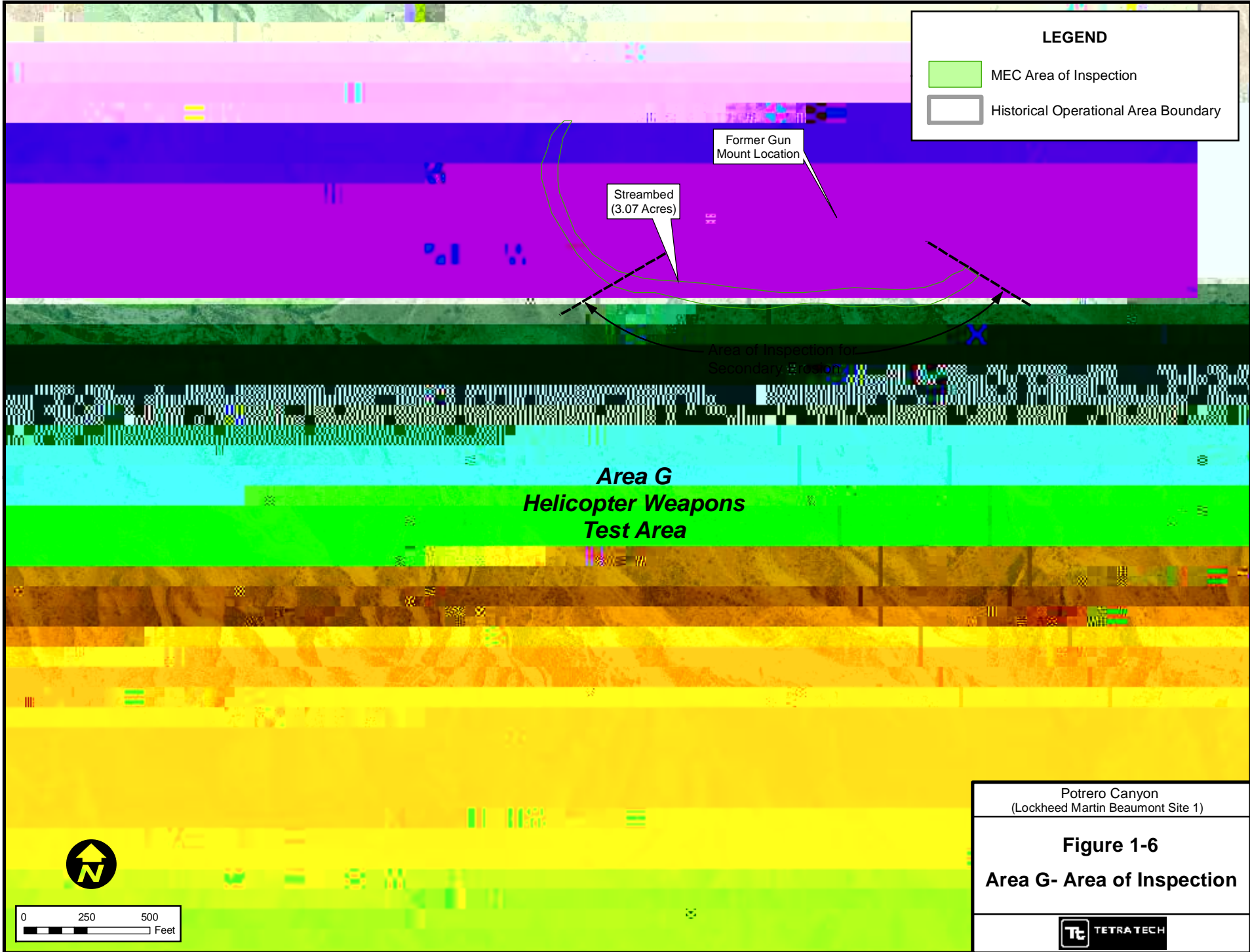
Area of Inspection
for Secondary Erosion

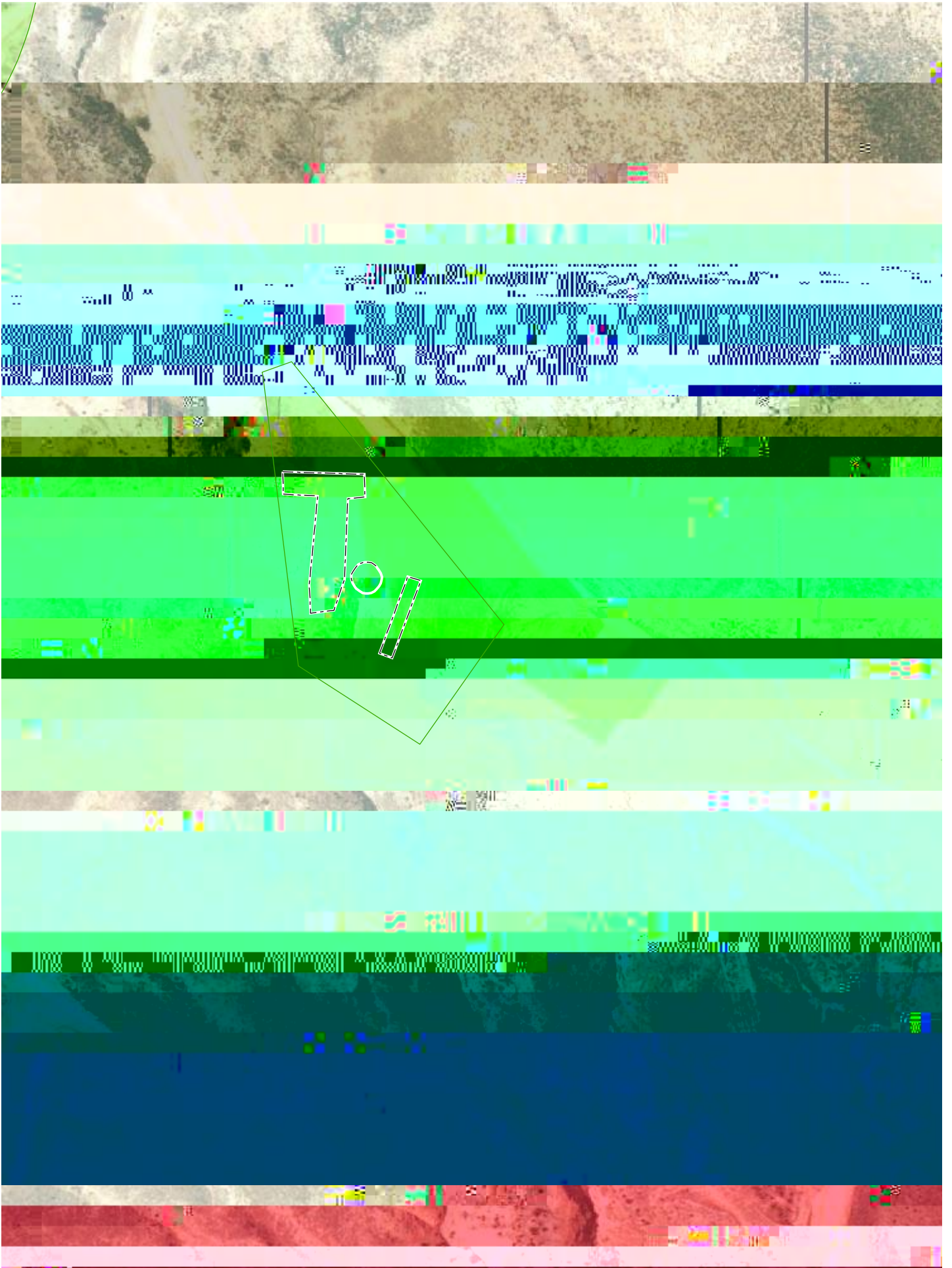
Original Streambed AOC
(2.67 Acres)

Potrero Canyon

Area D- Area of Inspection







1.2 SUMMARY OF PREVIOUS MUNITIONS AND EXPLOSIVES OF CONCERN EVALUATIONS AND REMOVALS

Munitions and explosives of concern investigations were initiated in 2005 when two small belts of 20mm linked practice ammunition were found during the repair of a stream crossing in Area D. Removal actions were performed in 2006 and 2007. Supplemental investigations were performed in 2009 and 2010. No further investigations or removals are planned at this time.

Munitions and explosives of concern investigations or removal actions have been performed at 28 areas of concern (Figure 1-2). All munitions and explosives of concern related items found during the investigations were removed and were treated on site with donor explosives if necessary,

incendiary bombs. During munitions and explosives of concern investigations inert projectiles and some munitions fragments were found. Unfired large caliber burster tubes and 20mm practice rounds were also found along the streambed. These unfired items were classified as munitions and explosives of concern because the propellant in them represented a potential explosive hazard. A removal was conducted in the area of the streambed.

- < No munitions testing were reported to have been conducted in Area F (Lockheed Propulsion Company Test Services Area). A magazine for the storage of igniters was reportedly located in the area and small remnants of solid rocket propellant were reported to have been found at the rocket motor washout area. The magazine could not be located at the site and was likely removed when the facility was closed. The remnants of solid rocket fuel were reportedly removed in the early 1990s; none were observed during the munitions and explosives of concern investigations.
- < Lockheed Martin Corporation performed helicopter weapons testing in Area G. Various calibers of weapons were tested (40mm grenade launcher, 30mm cannon, and 7.62mm machine gun). All munitions fired were reportedly inert or practice rounds. The areas of concern at this testing site were investigated and all of the projectiles recovered during the investigation were inert. No munitions and explosives of concern were found during the investigation. It was determined that a removal action was not warranted at the Area G areas of concern and projectiles (presumed to be inert) are still present.
- < No munitions testing was reported to have been conducted in Area H. Investigations did not result in the discovery of any munitions related items on the surface of the landfill, but belted 7.62mm machine gun ammunition used in Area G was reportedly disposed of in the landfill. No munitions and explosives of concern were found.
- < Munitions were tested in Area I (Western Aerojet Range). Incendiary bomb tests were

As a resultT Q 77.76 48.umA13

**Table 1-1 Summary of Historical Use and Munitions and Explosives of Concern Evaluation
by Area of Concern**

Operational Area	Inspection Area	Documented Historical Use	MEC Related Finds During the Investigations or Removals	Potential Residual MEC/MD	Inspection Results
-----------------------------	----------------------------	--------------------------------------	--	--	---------------------------

SECTION 2 INSPECTION METHODOLOGY

This section of the report discusses the methodology proposed for the inspections. It includes both the surface and the subsurface inspections. It also discusses compliance with the Habitat Conservation Plan (HCP).

2.1 SURFACE INSPECTIONS

Instrument-aided munitions and explosives of concern (MEC) surface inspections were conducted in early April of this year and were performed at all six areas of concern: the streambeds and any secondary erosion features in Areas A, D, and G and the Phalanx Target berm located in Area B, the berm at the base of the terraced projectile landing zone (TPLZ) located in Area D, and the Landfill located in Area H. The inspections were conducted using a White's Spectrum XLT all metals detector.

Detection equipment employed to conduct the instrument-aided surface surveys was tested using the blanket test. The blanket test is performed by taking a ferrous metallic object the size of a 20 mm projectile and placing it under a cover (a tarp). The instrument is turned on and set at the level that will be used for detection during the survey. The instrument is then swept back and forth over the area where the metallic object is located, if the instrument detects the object it is accepted for

When suspect MEC, material potentially presenting an explosive hazard (MPPEH), or munitions debris (MD) was encountered at the surface, its location was recorded using a global positioning system (GPS) instrument and the unexploded ordnance (UXO) Team attempted to identify the item and to gather additional information such as munitions type, fuze type by function, and condition of the suspect MEC, MPPEH or MD (e.g., fired, unfired, armed, unarmed, etc.). The item was marked with a yellow survey marker flag and given a unique identification (ID) number. All available information about the item was recorded in the logbook/MEC Accountability Log, including suspect MEC location, identification, and ID number and a digital photograph was taken of each item. In the event that MEC or MPPEH had been encountered, Tetra Tech UXO personnel would have maintained site access control and ensured personnel safety until the Riverside County Sheriff's Hazardous Devices Team (HDT) arrived and took control of the site. Tetra Tech would have supplied the GPS coordinates and available information for each item to the Riverside County Sheriff's HDT upon arrival.

Upon completion of the field evaluation, recovery, and disposal of suspect MEC or MPPEH by Riverside County Sheriff's HDT personnel, the detector-aided surface survey would continue as described until all areas requiring periodic inspection were completed.

SECTION 3 SUMMARY OF INSPECTION RESULTS

The Annual Inspections were performed in early April 2013. The results of the routine MEC inspection are presented below. Section 3.1 describes the results of the instrument aided surface survey and any associated subsurface investigations. Section 3.2 describes MEC related items found on site during other activities not related to the MEC inspection.

3.1 ANNUAL INSPECTION RESULTS

Instrument aided surface surveys were conducted at six areas of concern (AOC). Each morning prior to initiating the surveys the White's all metals detectors were tested. The blanket tests confirmed that all of the instruments were performing correctly and documentation is provided in Appendix A.

A total of 22 anomalies, three surface and 19 subsurface, were detected during this year's inspection survey. A summary of the anomalies discovered during the inspection are presented in (Table 3-1). Each anomaly location was recorded with a handheld GPS (Figure 3-1). Coordinates and other details can be found in the daily MEC activity logs (Appendix A). No MEC, MPPEH, or MD were identified at any of the five areas during the surface inspection.

A total of ten subsurface anomalies were excavated in Areas A and D. The nine anomalies excavated in Area A were determined to be scrap metal or areas of conductive soil that registered a false detection with the metal detector. The one anomaly excavated in Area D was determined to be MD, the projectile from a 20mm target practice round (Figure 3-1). The projectile was located in the streambed the road crossing at an approximate depth of two inches below ground surface. No subsurface anomalies were excavated in Area H (the former landfill) since the landfill likely has a significant amount of inert metallic trash and this would have endangered the integrity of the temporary landfill cap in place at that location.

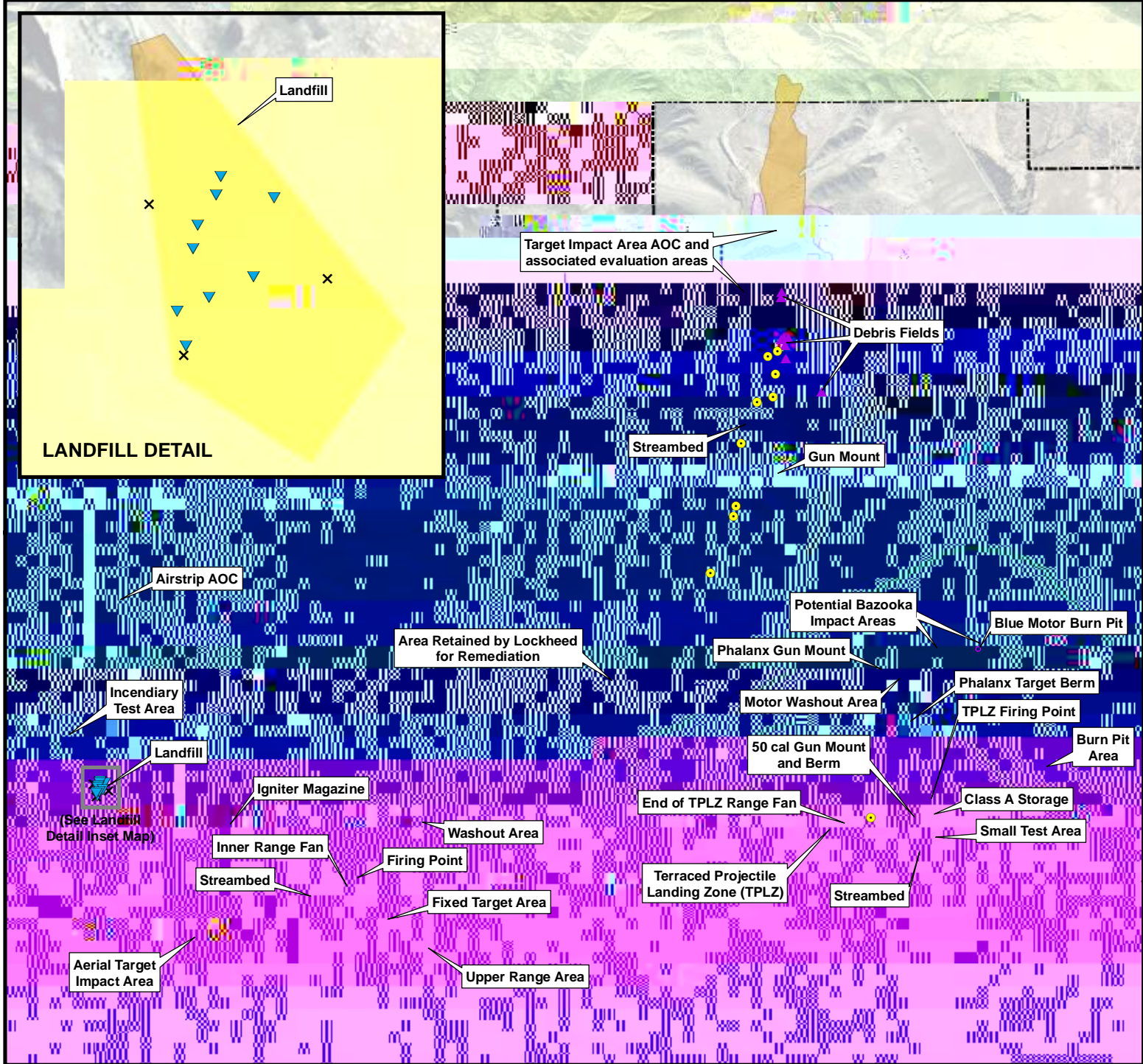
3.2 MEC RELATED FINDS DURING OTHER SITE ACTIVITIES

While fighting last summer's wild fire in Area G, Cal Fire located one 40mm inert grenade. Cal Fire contacted the Beaumont Police who in turn contacted the Riverside County Sheriff's HDT which came out and disposed of the grenade.

Table 3-1 Summary of Anomalies Discovered During the Routine MEC Inspection

Operational Area	Number of Surface Anomalies Recovered	Number of Subsurface Anomalies Recovered	Types of Items Recovered
Area A - Eastern Aerojet Range	0	9	Scrap metal or false detection
Area B - Rocket Motor Production Area	0	0	
Area D - LPC Ballistics Test Range	0	1	MD – 20 mm inert target practice projectile found in streambed
Area G - Helicopter Weapons Test Area	0	0	
Area H - Sanitary Landfill	3	9	Surface anomalies were scrap metal, no excavation of subsurface anomalies

During this year's annual MEC warning sign inspection and maintenance, the sign inspection team



0 1,000 2,000
Feet

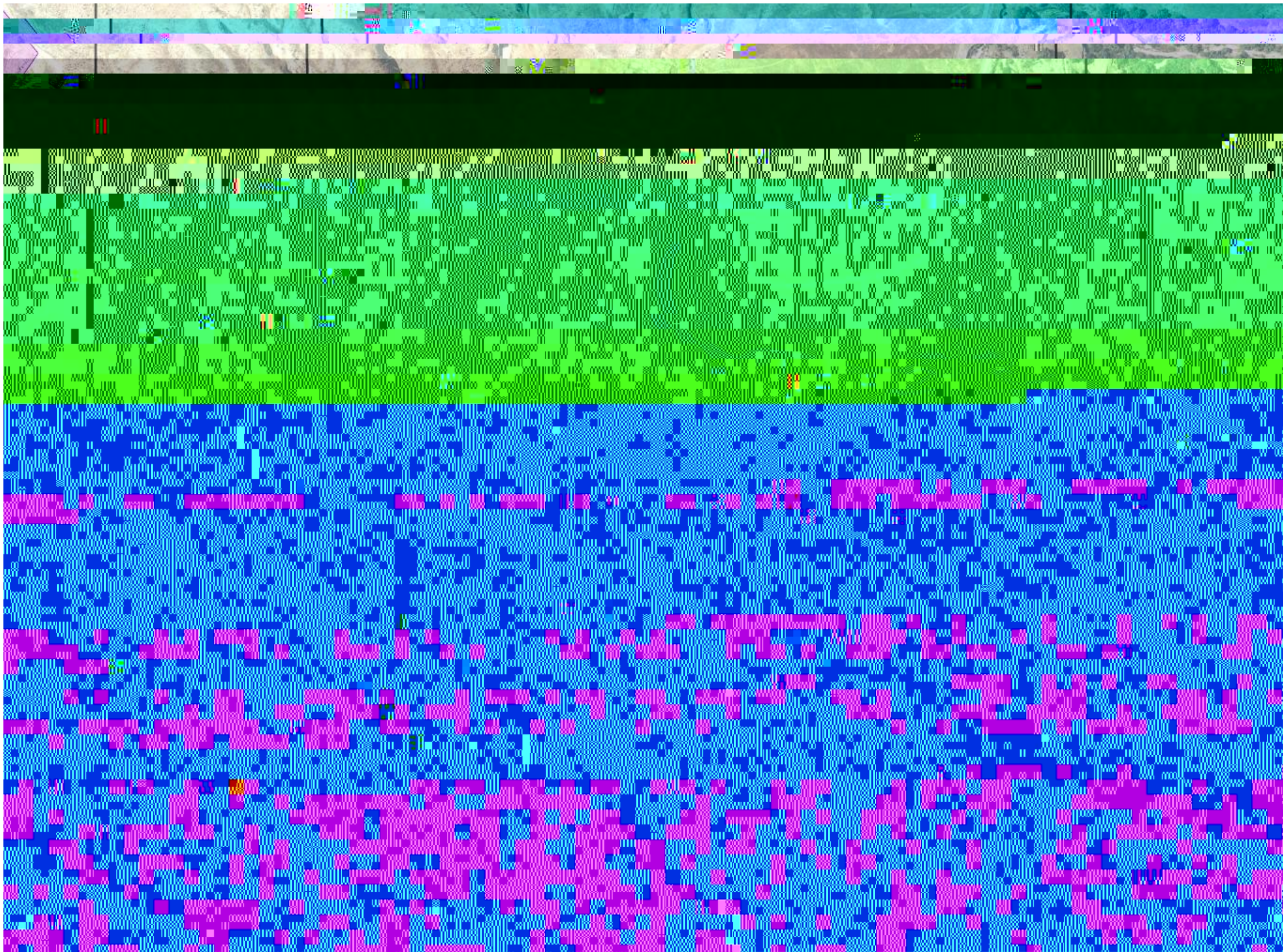
LEGEND

- MEC Anomalies
- ▼ Subsurface (left in place)
 - Subsurface (excavated)
 - X** Scrap Metal (surface)
 - ▲ Debris Fields
 - Investigated for Munitions and Explosives of Concern
 - Inert Projectiles or Explosive Items May Still Be Present
 - Conservation Easement Boundary (LMC Property Retained for Remediation - Not Open to the Public)
 - Potrero Canyon Property Boundary (Lockheed Martin Beaumont Site 1)

Potrero Canyon
(Lockheed Martin Beaumont Site 1)

Figure 3-1
Subsurface Anomaly Locations





determined to contain a large quantity of projectiles. It was not feasible to remove these projectiles due to the presence of endangered Stephens' Kangaroo Rats in the berm nor was it warranted due to the high probability of these items being inert. Area D was an active gun test area where numerous exercises were carried out to study the ballistics of standard and experimental projectiles. During previous investigations a very small number of munitions were found in this streambed and these were all 20mm practice rounds or projectiles. In addition, 3 projectile primers, which may have contained a small amount of explosive, were found in the Area D Streambed. A thorough search of the streambed was conducted and no source area was found. Area G was used to test a high speed ammunition delivery system for the Cheyenne helicopter. Historical records indicate these tests utilized 30mm and 40mm practice rounds. Since the system tested was intended to deliver hundreds of rounds per minute there is likely a large amount of munitions debris in this area resulting in the continued detection of subsurface anomalies during instrument-aided inspections. This test range has very steep and rugged terrain in locations that served as a "backstop" for the test firing. In addition, the range has very dense vegetation in many areas. These physical conditions made it infeasible to remove all remaining metallic debris and removal operations were not warranted due to the high probability of these items being inert.

While it is possible for the subsurface anomalies detected during this and/or future inspections to be residual munitions and explosives of concern, the likelihood appears quite low based on the outcome of past assessments, removal actions, and inspections. As long as the materials remain buried their potential hazard also remains relatively low. The discovery and removal of any potentially hazardous items which become exposed over time is the goal of the periodic inspections.

The discovery of the inert projectile in the Area D Streambed validates the concern about potential residual munitions and explosives of concern being exposed due to erosion. The entire Area D Streambed area of concern was surveyed and all metallic objects detected were excavated and removed during the previous removal action. This projectile obviously was not detected or removed during previous operations. While the inert projectile itself posed no risk, discovering it in an area where a removal had taken place validates the concern that residual munitions and explosives of concern could be present and the need for recurring inspections.

Instrument aided surface inspections have been conducted for three years and this is the first year



SECTION 5 REFERENCES

1. Lockheed Martin Corporation (LMC), 2006a. *Clarification of Effects on Stephens' Kangaroo Rat from Characterization Activities at Beaumont Site 1 (Potrero Creek) and Site 2 (Laborde Canyon)*. August 3, 2006.
2. Lockheed Martin Corporation, 2006b. *Clarification Concerning Treatment of Unexploded Ordinance (UXO) Discovered During Munitions and Explosives of Concern (MEC) Characterization at Beaumont Site 1 (Potrero Creek) and at the Immediately Adjacent Metropolitan Water District (MWD) Parcel, Riverside County, California; and Analysis of Effects of Treatment Activities for the Federally-Endangered Stephens' Kangaroo Rat (SKR)*. August 3, 2006.
3. Lockheed Martin Corporation, 2006c. *Clarification of Mapping Activities Proposed under the Low-Effect Habitat Conservation Plan for the Federally-Endangered Stephens' Kangaroo Rat at Beaumont Site 1 (Potrero Creek) and Site 2 (Laborde Canyon) Riverside County, California* (mapping methodology included). December 8, 2006.
4. Tetra Tech 2007. *Summary Report, Munitions and Explosives of Concern (MEC) Evaluation, Beaumont Site 1, Beaumont, California*, February.
5. Tetra Tech 2008. *Summary/Removal Report, Supplemental Munitions and Explosives of Concern (MEC) Evaluation and Removal, Beaumont Site 1, Beaumont, California*, October.
6. Tetra Tech 2011. *Munitions and Explosives of Concern (MEC) Awareness Training Plan, Former Beaumont Site 1, Beaumont, California*, March
7. United States Fish and Wildlife Service (USFWS), 2005. *Endangered Species Act Incidental Take Permit for Potrero Creek and Laborde Canyon Properties Habitat Conservation Plan*. October 14, 2005.

APPENDIX A – DAILY REPORTS



TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: MEC Inspection, Beaumont, CA

Site(s): Lockheed

FIELD ACTIVITY SUBJECT: MEC INSPECTION, BEAUMONT, CA		Date: <u>4/3/13</u>
PROJECT NO	TASK CODES	

SUMMARY OF DAILY PROGRESS: (Update Definable Feature of Work - Worksheet 12)

TETRA TECH
MRP FF.2

MRP FF.16
Facility/Location: MEC Inspection, Beaumont, CA

Site(s):

PREPARATORY PHASE INSPECTION REPORT			
Project Name: <u>MEC Inspection</u>			Report No: <u>1</u>
Project No: <u>112IC05161</u>	Location: <u>Beaumont, CA</u>	Date: <u>4/3/13</u>	



MRP FF.16
Facility/Location: MEC Inspection, Beaumont, CA

Site(s):

PREPARATORY PHASE INSPECTION REPORT			
Project Name: <u>MEC Inspection</u>			Report No: <u>1</u>
Project No: <u>112IC05161</u>	Location: <u>Beaumont, CA</u>	Date: <u>4/3/13</u>	



MRP FF.16

Facility/Location: MEC Inspection, Beaumont, CA

Site(s):



Process Supervisor's Statement

[Redacted]

I have read and understand this SOP(s). To the best of my knowledge, the processes described within this SOP(s) as amended by the Site Specific Work Plan can be done in a safe, healthful and environmentally sound manner. I have made sure all persons assigned to this process are qualified, have read and understand the requirements of this SOP(s) and the Site Specific Work Plan and have signed

[Redacted]

[Redacted]	<input checked="" type="checkbox"/>
[Redacted]	<input checked="" type="checkbox"/>
[Redacted]	<input checked="" type="checkbox"/>
[Redacted]	<input checked="" type="checkbox"/>
[Redacted]	<input type="checkbox"/> N/A
[Redacted]	<input type="checkbox"/> N/A
[Redacted]	<input type="checkbox"/> N/A
[Redacted]	<input checked="" type="checkbox"/>
[Redacted]	<input checked="" type="checkbox"/>
[Redacted]	<input checked="" type="checkbox"/>
[Redacted]	<input type="checkbox"/>
[Redacted]	<input type="checkbox"/>
[Redacted]	<input type="checkbox"/>
[Redacted]	<input type="checkbox"/>
[Redacted]	<input type="checkbox"/>
[Redacted]	<input type="checkbox"/>

[Redacted]

gers [Signature] 4/3/13
the worker's/operator's statement for this process. I will ensure that SOP(s) and Date

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: MEC Inspection, Beaumont, CA



TETRA TECH
MRP FF.21
DAILY SAFETY LOG

Facility/Location: MEC Inspection, Beaumont, CA

Site(s): Lockheed

FIELD ACTIVITY SUBJECT: MEC Inspection, Beaumont, CA		Date	4/4/13
PROJECT NO.: 112IC05161	TASK CODES: 8.b.1		

SUMMARY OF DAILY ACTIVITIES AND EVENTS:

Tailgate safety brief upon arrival at site. The team collected tools and equipment and prepared to start sweeping and excavating in the largest of the two river beds. We were informed by fish and wildlife that the snakes should be out



TETRA TECH

MRP FF.22

DAILY TAIL GATE SAFETY BRIEFING TRAINING RECORD

Time: 07:00

Initial Safety Briefing

Review of Site Information

Other: (Specify)

Facility/Location: MEC, Inc Inspection, Redmont, CA

Site Preparation (incl. mobilization)

Site Survey

Vegetation Management

GPS Positional Data

IVS

manual Intrusive Operations

Demobilization

MEC Management (Treatment)

Other.

Emergency Response/Equipment

Reporting Procedures

Work/Support Zones

PPE


Medical Monitoring

Air Monitoring

OE Precautions

MRP FF.17
Facility/Location: MEC Inspection, Beaumont, CA

Site(s): Lockheed

	<h2>INITIAL PHASE INSPECTION REPORT</h2>	
Project Name: <u>MEC Inspection, Beaumont, CA</u> Report No: <u>1</u>		
Project No: <u>112IC05161</u> Location: <u>Beaumont, CA</u> Date: <u>4/4/13</u>		
I. Definable Feature of Work (See Worksheet No. 12 and update list)		
<input checked="" type="checkbox"/> Site Preparation (incl. mobilization) <input checked="" type="checkbox"/> Detector Aided Survey <input checked="" type="checkbox"/> MPPEH Management (Inspection) <input checked="" type="checkbox"/> Site Survey <input type="checkbox"/> Target Acquisition <input checked="" type="checkbox"/> MPPEH Management (Cert.) <input checked="" type="checkbox"/> Vegetation Management <input checked="" type="checkbox"/> Manual Intrusive Operations <input type="checkbox"/> MPPEH Management (Disposal) <input checked="" type="checkbox"/> GPS Positional Data <input type="checkbox"/> Donor Explosives Handling <input checked="" type="checkbox"/> Demobilization <input type="checkbox"/> IVS <input type="checkbox"/> MEC Management (Treatment) <input type="checkbox"/> Other:		
II. References (DOD Inst, Corporate references, SOPs, etc.):		
Tetra Tech SOP's and approved Work Plan		
III. Personnel Present (employees performing the work) Attach supplemental sheet if necessary		
Name	Position	Company
Syd Rodgers	SUXOS/Safety	Tetra Tech
Mark Ladd	UXO Team Leader (Tech III)	Tetra Tech
Nick Brantley	UXO Tech ((Tech II)	Tetra Tech
Tye Turner	UXO Tech (Tech I)	Tetra Tech
Phillip Henderson	Biologist	Tetra Tech
IV. Preparatory Work (equipment set up & testing, EZ set up, logbook entries, etc.)		
Is preliminary work complete and correct? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
If No, what action(s) will be taken?		
V. Task Execution		
Is work being completed in accordance with plans and specifications? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
If No, what corrective action(s) will be taken?		
Is workmanship acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
If No, what action(s) will be taken?		



MRP FF.17
Facility/Location: MEC Inspection, Beaumont, CA

Site(s): Lockheed

INITIAL PHASE INSPECTION REPORT

Project Name: MEC Inspection, Beaumont, CA





TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: MEC Inspection, Beaumont, CA
 Site(s): Lockheed

FIELD ACTIVITY SUBJECT: MEC INSPECTION, BEAUMONT, CA	Date: 4/5/13
---	---------------------

PROJECT NO: 112IC05161	TASK CODES: 8.b.1
-------------------------------	--------------------------

SUMMARY OF DAILY PROGRESS: (Update Definable Feature of Work - Worksheet 12)

Mobilization/Site Preparation: N/A

Site Survey: N/A

UXO Escort/Avoidance: UXO Escort provided for on-site biologist.

Site-Specific Training: N/A

Vegetation Management: N/A

Detector Aided Surface Survey: Detector Aided Surveys conducted at the smaller river bed (Area D) and (Area B).

Target Reacquisition: N/A

Intrusive Operation: Manual intrusive operations performed at select target anomalies in the smaller river bed (Area D).

Donor Explosives Handling: N/A

MEC Management (Treatment): N/A

MPPEH Management (Inspections): Dual inspected item determined to be MDAS.

MPPEH Management (Certification): One item recovered in Area D was certified as MDAS, logged and placed in an MDAS container.

MPPEH Management (Disposal): N/A

Demobilization: N/A

Other: N/A

LIST OF MEC ITEMS ID, MPPEH ITEM ID, MDAS, OR NONE
 (for documentation see MEC/MPPEH/MDAS Tracking Logs for added details):

<u>Item ID</u>	<u>Description</u>	<u>Item ID</u>	<u>Description</u>
20mm TP Area D, UTM 11S 0505763E/37462667N - MDAS			

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

TETRA TECH

MRP FF.11

DIG SHEET - MANUAL TARGET EXCAVATION RESULTS

Facility/Location: _____

TETRA TECH
MRP FF.21
DAILY SAFETY LOG

Facility/Location: MEC Inspection, Beaumont, CA

Site(s): Lockheed

MRP FF.16
Facility/Location: MEC Inspection, Beaumont, CA

Site(s): Lockheed



MRP FF.16
Facility/Location: MEC Inspection, Beaumont, CA

Site(s): Lockheed

PREPARATORY PHASE INSPECTION REPORT	
Project Name: <u>MEC Inspection</u>	Report No: <u>1</u>
Project No: <u>112IC05161</u>	Location: <u>Beaumont, CA</u>
	Date: <u>4/3/13</u>
<i>If No, what action will be taken?</i>	
VI. Procedures (Project Manger should be involved in this stage of the inspection)	
<i>Review contract specifications. (List special requirements such as location accuracy, format for deliverables, etc.)</i>	
<i>Discuss procedure for accomplishing the work (Reference WP Section or SOP).</i>	





TETRA TECH

MRB 55 22

Date: 4/5/13

Periodic Safety Meeting

Donor Explosives Handling

Demobilization

Handwritten signature and initials

Meeting Given By:

Name

Position

Periodic Safety Meeting



TETRA TECH
MRP FF.21

Facility/Location: MEC Inspection, Beaumont, CA

Site(s): Lockheed

FIELD ACTIVITY SUBJECT: MEC Inspection, Beaumont, CA		Date	4/6/13
PROJECT NO.: 112IC05161	TASK CODES: 8.b.1		
SUMMARY OF DAILY ACTIVITIES AND EVENTS: Tailgate Safety Brief. Observed the team working in Area H all day, all personnel wore correct PPE, and for added safety all personnel wore snake chaps in the field. A snake was encountered in the teams path and had to be avoided. No discrepancies noted.			
VISITORS ON SITE (indicate if received Site-Specific raining): N/A			
CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS NONE:			
WEATHER CONDITIONS: Mix of clouds and sun. High 71F. Winds W@25-35 gusting to 40mph		IMPORTANT TELEPHONE CALLS: NONE	
PERSONNEL ON SITE: See Tailgate Safety Briefing/Training Record			
SIGNATURE: Syd Rodgers		DATE: 4/6/13	



TETRA TECH

MRP FF.22

DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: MEC Inspection, Beaumont, CA

Site(s):

	Name	Signature	Position
1. Briefing(s) Given By:	Syd Rodgers	<i>[Signature]</i>	SUXOS/Safety Officer

Initial Safety Briefing

Daily Safety Briefing

New Task Briefing:

Periodic Safety Meeting

New Site Procedure:

New Site Information:

Review of Site Information

Other: (Specify) _____

3. List Today's Project Tasks (reference definable features of work See Worksheet 12.):

- Site Preparation (incl. mobilization)
- Site Survey
- Vegetation Management
- GPS Positional Data
- IVS
- Detector Aided Survey
- Target Acquisition
- manual Intrusive Operations
- MEC Management (Treatment)
- MPPEH Management (Inspection)
- MPPEH Management (Cert.)
- MPPEH Management (Disposal)
- Demobilization

4. Safety Topics: (Check All That Apply per AHA or Work Permit)

Site Safety Personnel

Site/Work Area Description

Decontamination Procedures

Emergency Response/Equipment

<input checked="" type="checkbox"/> Physical Hazards	On-Site Injuries/Illness
<i>[Handwritten notes]</i>	



TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: MEC Inspection, Beaumont, CA

Site(s): Lockheed

FIELD ACTIVITY SUBJECT: MEC INSPECTION, BEAUMONT, CA		Date: <u>4/6/13</u>
PROJECT NO	TASK CODES	

SUMMARY OF DAILY PROGRESS: (Update Definable Feature of Work - Worksheet 12)



TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: MEC Inspection, Beaumont, CA

Site(s): Lockheed

FIELD ACTIVITY SUBJECT: MEC INSPECTION, BEAUMONT, CA

Date: 4/6/13

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:



TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: MEC Inspection, Beaumont, CA
 Site(s): Lockheed

FIELD ACTIVITY SUBJECT: MEC INSPECTION, BEAUMONT, CA	Date: <u>4/7/13</u>
---	----------------------------

PROJECT NO: 112IC05161	TASK CODES: 8.b.1
-------------------------------	--------------------------

SUMMARY OF DAILY PROGRESS: (Update Definable Feature of Work - Worksheet 12)

Mobilization/Site Preparation: N/A
 Site Survey: N/A
 UXO Escort/Avoidance: N/A
 Site-Specific Training: N/A
 Vegetation Management: N/A
 Detector Aided Surface Survey: Detector aided surface survey was completed on Area H, and started in Area G
 Target Reacquisition: N/A
 Intrusive Operation: N/A
 Donor Explosives Handling: N/A
 MEC Management (Treatment): N/A
 MPPEH Management (Inspections): N/A
 MPPEH Management (Certification): N/A
 MPPEH Management (Disposal): N/A
 Demobilization: N/A
 Other: N/A

LIST OF MEC ITEMS ID, MPPEH ITEM ID, MDAS, OR NONE
 (for documentation see MEC/MPPEH/MDAS Tracking Logs for added details):

Item ID	Description	Item ID	Description
<u>No MEC or MPPEH has been located in Area H</u>			

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: _____



TETRA TECH
MRP FF.21
DAILY SAFETY LOG

Facility/Location: MEC Inspection, Beaumont, CA

Site(s): Lockheed



TETRA TECH

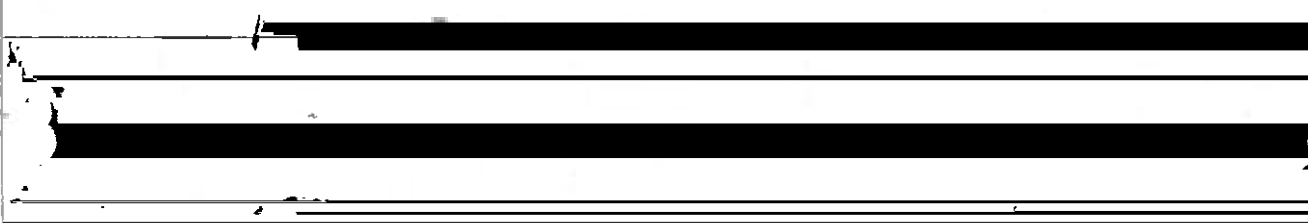
MRP FF.22

DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD



Signature	Position
<i>[Signature]</i>	
<i>[Signature]</i>	

<input checked="" type="checkbox"/>	



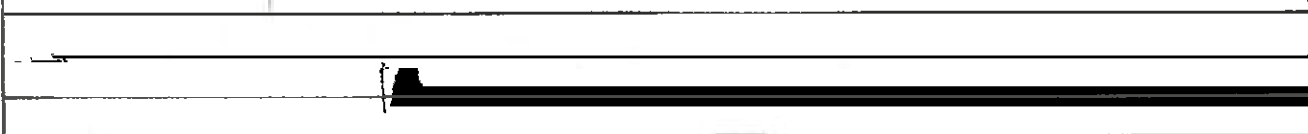
Site(s):

1. Briefing(s) Given By: _____ **Name** _____ **SUXOS/Safety Officer**

Date: 4/7/13 **Time:** 07:00

2. Reason for Briefing:

Initial Safety Briefing New Site Procedure:



Signature	Position
<i>[Signature]</i>	Team Leader
<i>[Signature]</i>	Tech II
<i>[Signature]</i>	UXO Tech I

New Task Briefing Periodic Safety Meeting

Review of Site Information

Other: (Specify)



TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: MEC Inspection, Beaumont, CA

Site(s): Lockheed

FIELD ACTIVITY SUBJECT: MEC INSPECTION, BEAUMONT, CA		Date: <u>4/8/13</u>
PROJECT NO: 112IC05161	TASK CODES: 8.b.1	

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

TETRA TECH
MRP FF.21
DAILY SAFETY LOG

Facility/Location: MEC Inspection, Beaumont, CA

Site(s): Lockheed



TETRA TECH

MRP FF.22

1. Briefing(s) Given By:

Name	re	Position
[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]

Medical Monitoring

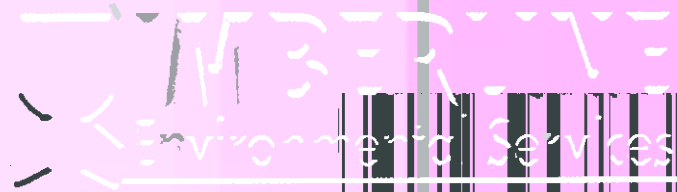
[Redacted]

1. Briefing(s) Given By:

Syd Rodgers

SUXOS/Safety Officer

APPENDIX B - MDAS DISPOSAL RECORDS



Certificate

*Releasing General
Gross*

[I certify that the items/assets listed were c
4160.21-M-1 and have been smelted or shrea

COD # 0802

Name Terry No

Signature 

D D
co t .

111



DEMILITARIZATION CHAIN OF CUSTODY CERTIFICATION
FOR UXO/OE SCRAP

Date April 9 2013

1. Releasing Generator (RG) Name and Mailing Address		1a. RG's Phone No.	2. RG's Site Manager
7. Demil Processor		7a. Demil Processor Phone No.	8. Demil Processor Manager
9. Material Released to the Transporter By RG's Site Manager		10. Material Released to the Transporter By Demil Processor Manager	
11. Material Released to the Transporter By Demil Processor		12. Material Released to the Transporter By Demil Processor	
13. Material Released to the Transporter By Demil Processor		14. Material Released to the Transporter By Demil Processor	
15. Received for Material By Receiving Signature Verifies that Seals are Intact		16. Received for Material By Receiving Signature Verifies that Seals are Intact	
17. Material		18. Material	

(1) 55 gal. drum

Lockheed Martin Site 1, Beaumont, CA. Chris Patrick-POC 7/18/13 Svd Rodders

1. TOTAL PRICE

68 69

QUART

70 71

QUART

72 73

QUART

74 75

QUART

76 77

QUART

78 79

QUART

80 81

QUART

82 83

QUART

84 85

QUART

86 87

QUART

88 89

QUART

90 91

QUART

92 93

QUART

94 95

QUART

96 97

QUART

98 99

QUART

100 101

QUART

102 103

QUART

SHIP TO

Martin

Timberline
Environmental
Services

CA

8 TYPE CARGO

9 PS

10 INT. UB

11 UF

12 SL

60

0 DT

6

EM

LA

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20

HT

1 TOTAL CUM

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DATE RECEIVED

1/18/03

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61

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TEO

VENTORY

PREVIOUS EDITION MAY BE USED



Tetra Tech
MRP FF.13
MDAS Addition Form

Facility/Location: Lockheed Martin Roomant Site(s): Site 1 area's A R D & H

ScanKey # LOCK B R N K S

32			
33			
37			
38			
40			
42			
43			
31			
34			
35	AMM: Syd		
36	<i>[Signature]</i>	NO I	
39		T S	
41			AGE

* If applicable. *[Signature]*

POSITION: This certifies that the material potentially presenting an explosive hazard listed has been 100 percent properly inspected and to the best of our knowledge and belief, is inert and/or free of explosives or related materials"

CERTIFIER: (PRINTED NAME) **Rogers**

SIGNATURE *[Signature]* **DATE** 8 Apr 13

From: (909) 381-1674
Christopher Patrick
TennTech
350 E. Commercial Road Suite 105
SAN BERNARDINO, CA 92408



Ship Date: 10/11/13
ActWgt: 57.0 LB
CAD: 1000075801Net3370

56

SHIP TO: (206) 445-3118
Terry Northcutt
Timberline Environmental Services
29625 Highway 108
Gold Springs, CA 95225

Invoice #
Reference #
PO #
Dept #
Ship ID