2013 Annual Munitions and Explosives of Concern Inspection Report Potrero Canyon Unit (Lockheed Martin Beaumont Site 1) Beaumont, California

Prepared for:

LOCKHEED MARTIN

TETRA TECH

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TC# 30079-B1OM.06/ October 2013

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October 7, 2013

Mr. Daniel Zogaib
Southern California Cleanup Operations
Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, CA 90630

Subject: Submittal of the *2013 Munitions and Explosives of Concern Inspection Report, Potrero Canyon (Lockheed Martin Beaumont Site 1), Beaumont, California*

Dear Mr. Zogaib:

Please find enclosed one hard copy of the body of the report and two compact disks with the report body and appendices of the *2013 Munitions and Explosives of Concern Inspection Report, Potrero Canyon (Lockheed Martin Beaumont Site 1), Beaumont, California* for your review and approval or comment.

If you have any questions regarding this submittal, please contact me at 818-847-9901 or brian.thorne@lmco.com.

Sincerely,

Brian Thorne
Project Lead

Enclosure: *2013 Munitions and Explosives of Concern Inspection Report, Potrero Canyon (Lockheed Martin Beaumont Site 1), Beaumont, California*

Copy: Gene Matsushita, LMC (electronic copy)
Barbara Melcher, CDM (electronic copy)
Tom Villeneuve, Tetra Tech (electronic copy)
Ralph Brooks, Tetra Tech (electronic copy)
Alan Bick, Gibson Dunn (electronic copy)

2013 Munitions and Explosives of Concern Inspection Report
Potrero Canyon (Lockheed Martin Beaumont Site 1)
Beaumont, California

Prepared for:

Lockheed Martin Corporation

Prepared by:

Tetra Tech, Inc.

October 2013

Ralph Brooks
UXO Project Manager

Thomas Villeneuve
Program Manager

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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	Habitat 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 Site 1)
SKR	Stephens' Kangaroo Rat
Tetra Tech	Tetra Tech, Inc.
TPLZ	terraced projectile landing zone
USFWS	United States Fish and Wildlife Service
UXO	unexploded ordnance

SECTION 1 INTRODUCTION

This Munitions and Explosives of Concern Inspection Report has been prepared by Tetra Tech on behalf of Lockheed Martin Corporation, and presents the results of the 2013 munitions and explosives of concern inspection of Potrero Canyon (Lockheed Martin Beaumont Site 1). The site is located in an undeveloped area south of the City of Beaumont, Riverside County, California (Figure 1-1). Most of the site is within the Beaumont City limits. Currently, the site is inactive with the exception of remedial activities performed under Consent Order 88/89-034 and Operation and Maintenance Agreement 93/94-025 with the Department of Toxic Substances Control. The State of California owns approximately 94% (8,552 acres) of Potrero Canyon. The remaining 565 acres, referred to as the conservation easement, were retained by Lockheed Martin Corporation (Figure 1-2).

Munitions and explosives of concern investigations and removal at the site have been completed, and while all reasonable steps to mitigate the risk have been taken, there is some potential for residual munitions and explosives of concern to be present. As a result, Lockheed Martin Corporation has implemented a munitions and explosives of concern inspection program. The inspection program is intended to check those areas where munitions and explosives of concern were found or where inert projectiles are known to remain and assess whether any have been exposed by erosion or other forces. If inert projectiles or munitions and explosives of concern are found they will be removed and/or disposed of accordingly. Inspections have been conducted annually to assess if munitions and explosives of concern have been uncovered or exposed by various natural causes. The areas to be inspected include: the streambeds in Area A (Eastern Aerojet Range), Area D (Lockheed Production Company Ballistics Test Range), and Area G (Helicopter Weapons Test Area), and the Phalanx Target berm located in Area B (Rocket Motor Production Area), the berm at the base of the terraced projectile landing zone located in Area D, and the landfill located in Area H (Sanitary Landfill) (Figures 1-3 through 1-7). The locations for inspection are based on recommendations from the Munitions and Explosives of Concern Awareness Training Plan (Tetra Tech 2011).

The objectives of this Report are to:

- Briefly summarize the site history.
- Describe the inspection methodology utilized.
- Report findings and disposal activities.

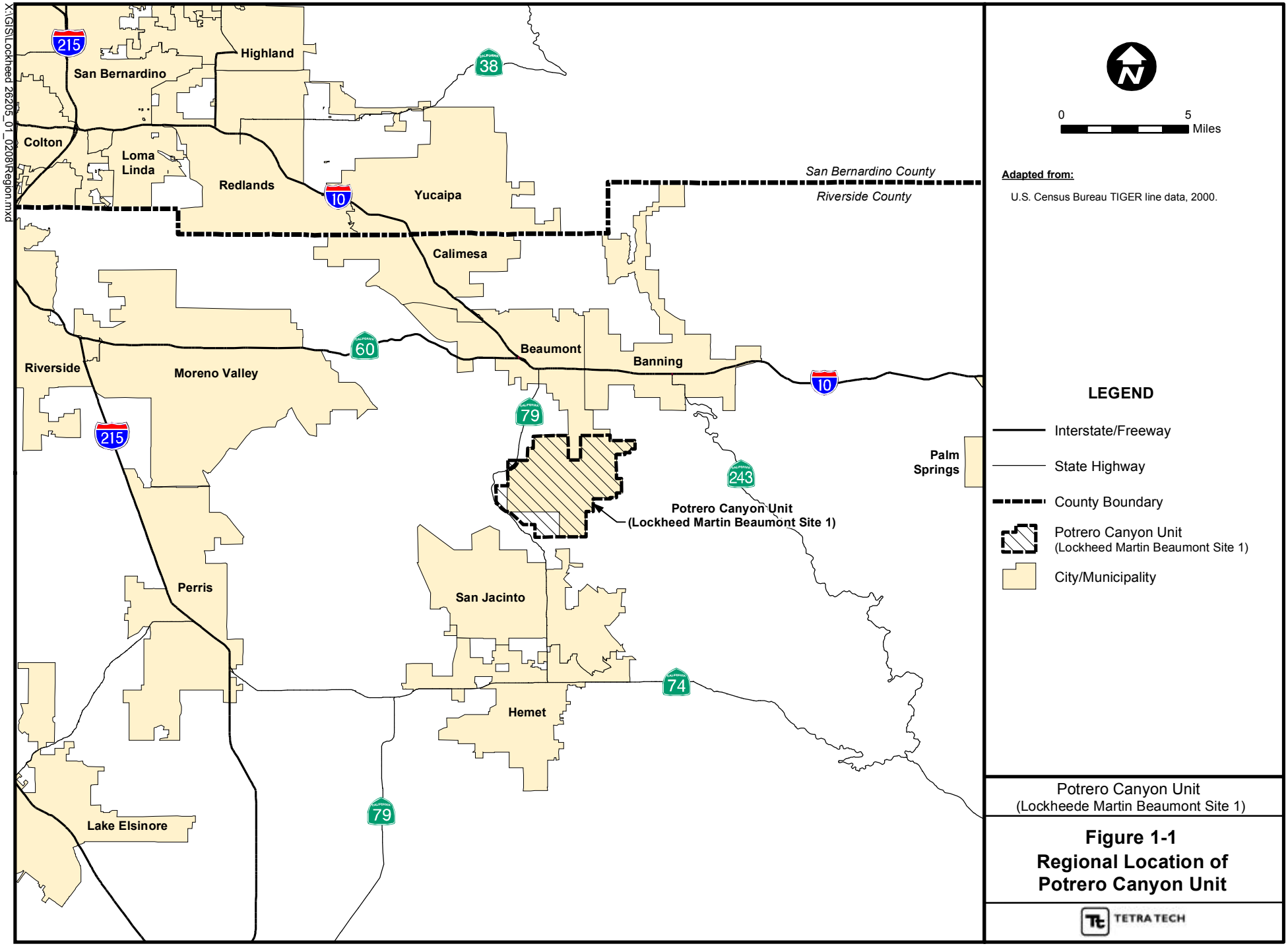
This Report is organized into the following sections: 1) Introduction, 2) Inspection Methodology, 3) Summary of Inspection Results, 4) Conclusions and Recommendations, and 5) References.

1.1 SITE HISTORY

Historically, the Site was used primarily for ranching. Between 1960 and 1963, the various parcels that make up the Site were purchased by either Grand Central Rocket or Lockheed Propulsion Company. In the early 1960s Grand Central Rocket was acquired by the Lockheed Propulsion Company bringing all of the parcels under their ownership. The Lockheed Propulsion Company is currently referred to as the Lockheed Martin Corporation. The property was developed and used as a remote test facility for early space and defense programs. During the active industrial life of the site from 1960 until 1974, Lockheed Martin Corporation used the facility for solid propellant mixing, testing, and disposal, as well as for ballistics testing. Lockheed Martin Corporation and others utilized explosives in their work; however, most munitions used on-site were reportedly practice rounds that did not contain high explosives.

Based on historical data, the site has been divided into nine Operational Areas reflecting the types of activities known to have occurred on-site. Munitions and explosives of concern related activities were conducted in eight of the Operational Areas. Figure 1-2 shows the eight Operational Areas included in the munitions investigations and the areas of concern that were investigated. The eight Operational Areas include:

- 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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215
Highland
San Bernardino
38
Colton
Loma
Linda
Redlands
10
Yucaipa
San Bernardino County
Riverside County
Calimesa
60
Beaumont
Banning
Riverside
Moreno Valley
10
79
215
Palm
Springs
243
Potrero Canyon Unit
(Lockheed Martin Beaumont Site 1)
Perris
San Jacinto
74
Hemet
79
Lake Elsinore
0
5
Miles
Adapted from:
U.S. Census Bureau TIGER line data, 2000.
LEGEND
Interstate/Freeway
State Highway
County Boundary
Potrero Canyon Unit
(Lockheed Martin Beaumont Site 1)
City/Municipality
Potrero Canyon Unit
(Lockheede Martin Beaumont Site 1)
Figure 1-1
Regional Location of
Potrero Canyon Unit
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Impact Target Area

Area A
Eastern Aerojet Range (Avanti)

Debris Field

Streambed

Gun Mount

Area B
Rocket Motor Production Area

Area I
Western Aerojet Range

Airstrip AOC

Bazooka Impact Area

Blue Motor Burn Pit

Phalanx Gun Mount

Area F
LPC Test Services Area

Incendiary Bomb Test Area

Motor Washout Area

Phalanx Target Berm

Area C
Burn Pit Area

Igniter Magazine

Class A Storage

Landfill

Washout Area

End of TPLZ Range Fan

Burn Pit Area

TPLZ Firing Point

Area H
Sanitary Landfill

Firing Point

Terraced Projectile Landing Zone

Control Trailer

Streambed

Inner Range Fan

Small Test Area

Fixed Target Zone

Streambed

Area D
LPC Ballistics Test Range

Mobile Target Impact Area

Upper Range Area

Area G
Helicopter Weapons Test Area

0 1,000 2,000 Feet

Adapted from:

April 2007 aerial photograph.

LEGEND

- MEC Area of Concern (AOC)
- Historical Operational Area Boundary
- Potrero Canyon Property Boundary (Lockheed Martin Beaumont Site 1)
- Conservation Easement Boundary

Potrero Canyon
(Lockheed Martin Beaumont Site 1)

Figure 1-2

Historical Operational Areas and MEC AOCs

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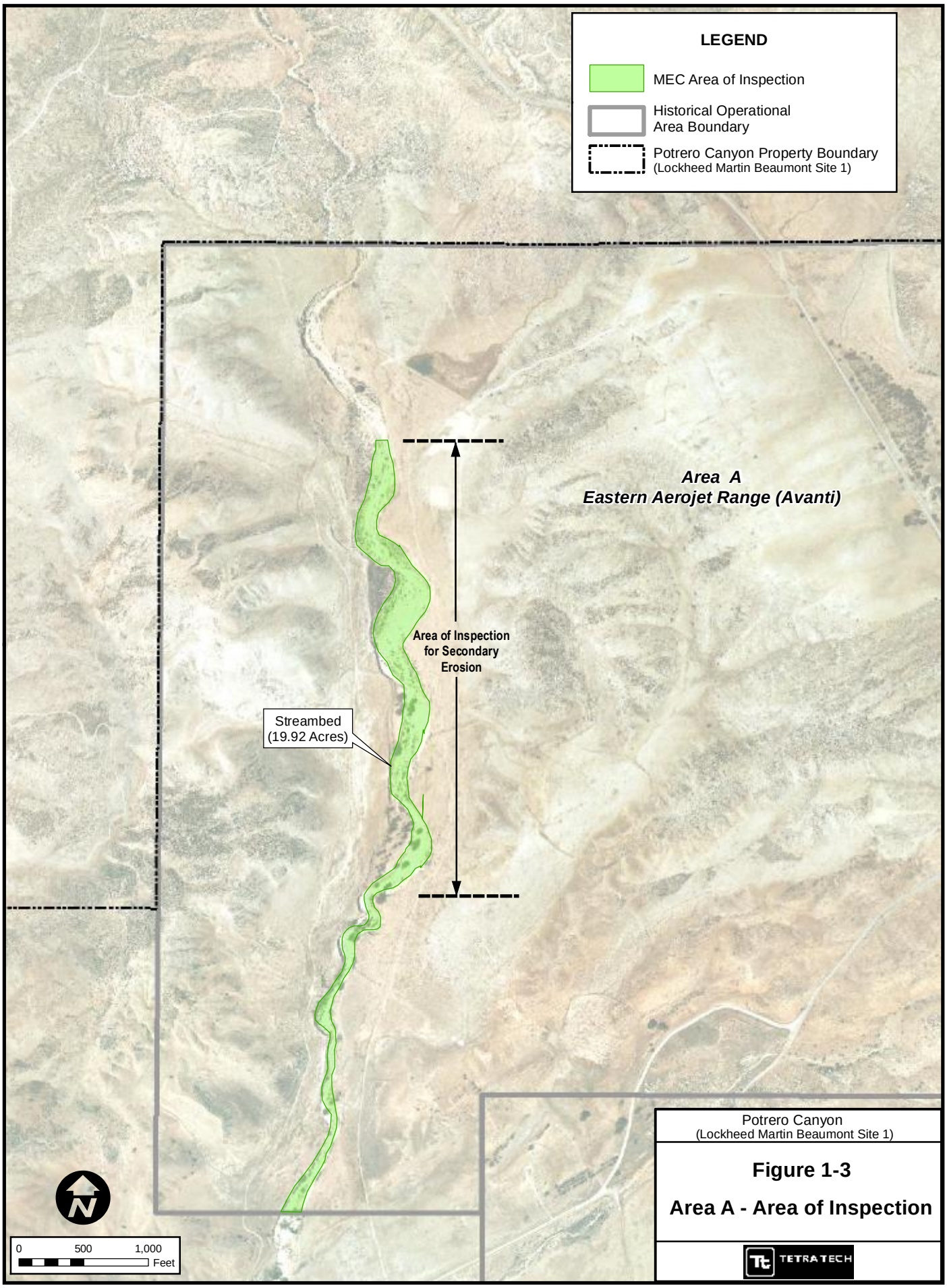
LEGEND
MEC Area of Inspection
Historical Operational Area Boundary
Potrero Canyon Property Boundary
(Lockheed Martin Beaumont Site 1)
Area A
Eastern Aerojet Range (Avanti)
Area of Inspection for Secondary Erosion
Streambed (19.92 Acres)
N
0
500
1,000
Feet
Potrero Canyon
(Lockheed Martin Beaumont Site 1)
Figure 1-3
Area A - Area of Inspection
TETRA TECH

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Potrero Canyon
(Lockheed Martin Beaumont Site 1)

Figure 1-4

Area B - Area of Inspection

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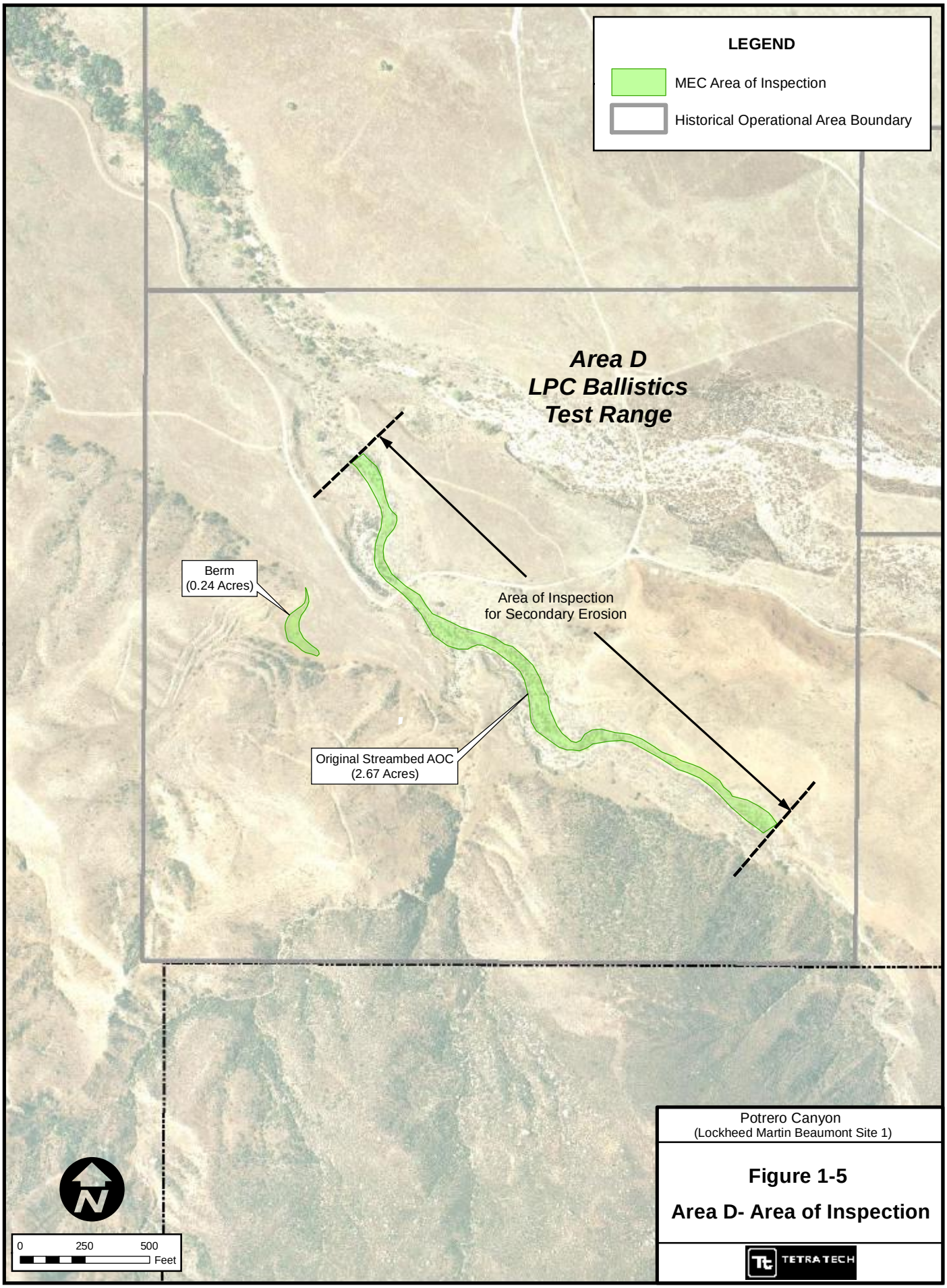

Potrero Canyon
(Lockheed Martin Beaumont Site 1)

Figure 1-5

Area D- Area of Inspection

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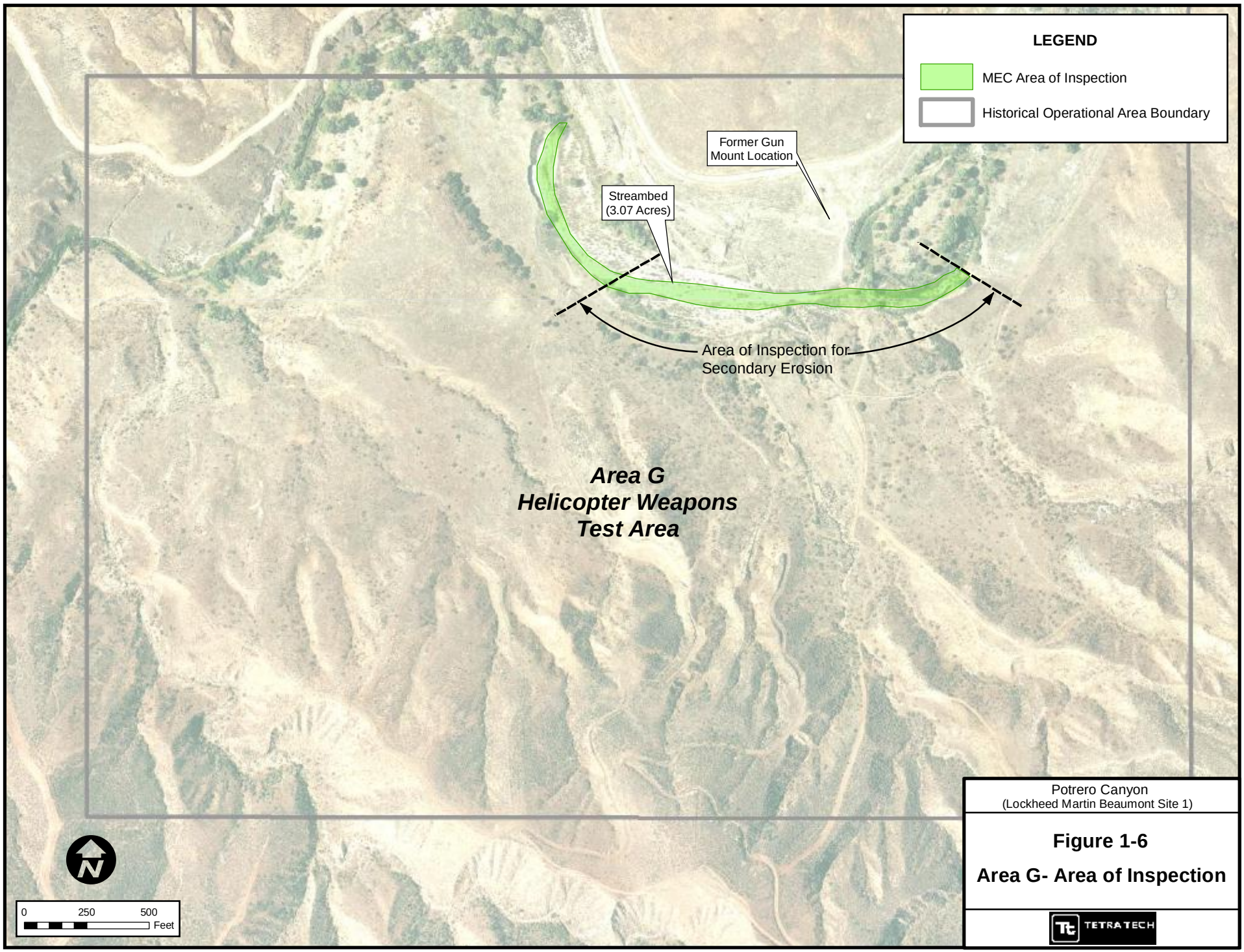

Potrero Canyon
(Lockheed Martin Beaumont Site 1)

Figure 1-6

Area G- Area of Inspection

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Potrero Canyon
(Lockheed Martin Beaumont Site 1)

Figure 1-7

Area H- Area of Inspection

TETRA TECH

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, certified safe, and disposed of properly. A summary of what has been found to date in the eight operational areas during the munitions and explosives of concern investigations and removal actions is presented below.

- Aerojet conducted ballistics testing in Area A. Munitions and explosives of concern investigations and the removal action resulted in the discovery and removal of inert 27.5mm and 30mm projectiles, 16mm tungsten penetrators and an inert 76mm rocket. Fragments from high explosive 30mm projectiles and several unexploded 30mm projectiles were also found.

- General Dynamics reportedly tested Phalanx Gatling guns and 2.75-inch Viper Bazookas in Area B. The bazooka rockets reportedly carried explosive and shaped charges. The Gatling guns fired inert 20mm and 30mm rounds. Munitions and explosives of concern investigations resulted in the discovery and removal of inert 20mm and 30mm projectiles in the Phalanx gun target berm and possible munitions fragments from the rockets. No munitions and explosives of concern were found.

- Lockheed Martin Corporation conducted disposal activities in Area C (Burn Pit Area). Historical records indicate that industrial solvents and rocket fuel constituents were placed in pits along with off-specification solid rocket fuel and burned. Small aluminum cups containing high melting explosive (cyclo-1, 3, 5, 7-tetramethylene-2, 4, 6, 8-tetranitramine) were reportedly burned in the pits as well. Munitions and explosives of concern investigations resulted in discovery and removal of a 30mm inert projectile (likely a projectile that missed the Phalanx gun target berm), a handful of expended 30mm cartridges, and a small amount of thick walled fragments. The origin of the cartridges is unknown and the fragments are thought to have come from rocket fuel mixer blowout panel tests conducted adjacent to the Burn Pit Area. At least one of the blowout panel tests resulted in an explosion that destroyed the test equipment. No munitions and explosives of concern were found.

- Lockheed Martin Corporation tested several weapons platforms in Area D including a Navy five-inch gun, an Army 155mm gun, 40mm and 37mm guns, land mines, and

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 conducted at the southern end of the range and 27.5mm projectiles and 16mm tungsten penetrators were tested along the length of the range. Thick walled munitions fragments and inert projectiles were found during the investigations. No munitions and explosives of concern were found.

1.3 INSPECTION AREAS

As discussed above, while all reasonable steps to mitigate the risk have been taken, potential for residual munitions and explosives of concern remains. The majority of the munitions and explosives of concern uncovered to date were found near the ground surface but munitions and explosives of concern detection equipment has depth limitations. Therefore, erosion could expose errant or buried munitions and explosives of concern. The inspection program is intended to check those areas where munitions and explosives of concern were found or where inert projectiles are known to remain and assess whether any have been exposed and pose a threat. During the course of previous investigations, six of the 28 areas investigated were found to contain munitions and explosives of concern, inert projectiles, or remnants of potential munitions and explosives of

concern. Therefore, these six AOCs were included in a routine inspection program intended to look for and continue to evaluate the potential for residual munitions and explosives of concern. In the other 22 areas, there is no evidence of potential munitions and explosives of concern contamination. A description of the six areas of concern chosen for inspection is listed below:

- Area A Streambed – There are four areas of concern in Area A but only the streambed is a concern with respect to erosion. Potrero Creek runs adjacent to the Target Impact Area, area of concern. No munitions and explosives of concern were found in the Area A Streambed area of concern but they were found in the Target Impact Area, area of concern. The banks of the streambed continue to erode material from the former Target Impact Area, area of concern. Further, secondary erosion features that drain into Potrero Creek have also developed. Some of these secondary features have developed in the Target Impact Area, area of concern as well. As a result, the Area A Streambed area of concern and the secondary erosion features have been included in the munitions and explosives of concern inspection program. The area of concern is presented in Figure 1-3.

- Area B Phalanx Target Berm – The Phalanx Gatling Gun is a high volume or rapid fire gun. A large number of metallic objects were detected below the surface of the target berm. During the previous munitions and explosives of concern investigations projectiles were removed and examined from five different locations in the face of the berm. It was reported that only inert practice rounds were used during the testing of the Phalanx Gun. Inert 20mm and 30mm projectiles were recovered from the berm. No munitions and explosives of concern were recovered from the berm. The berm is steeply sloped and somewhat prone to erosion. Inert items resembling much more hazardous live munitions may erode out of the berm and collect near the base where they may be found by site users. As a result, the Phalanx Target Berm area of concern has been included in the munitions and explosives of concern inspection program to allow removal of the inert practice projectiles as they erode out of the berm. The area of concern is presented in Figure 1-4.

- Area D Berm at the base of the Terraced Projectile Landing Zone – While no explosive projectiles were reported to have been tested at this range, fragments found near a presumed target located up range of the berm and appeared to have been generated by explosive, not mechanical, means. The berm was investigated and detected items were removed. No munitions and explosives of concern were found, but the detection equipment has depth limitations. The berm is steeply sloped and somewhat prone to erosion. With time, undetected objects deeper in the berm could be brought to the surface by erosion. As a result, the berm at the base of the terraced projectile landing zone has been included in the munitions and explosives of concern inspection program. The area of concern is presented in Figure 1-5.

- Area D Streambed – Bedsprings Creek bisects Area D. While no known munitions and explosives of concern activities were conducted in the drainage it appears some munitions related items were discarded here. Several unfired burster tubes and 20 mm practice ammunition were found in the stream bed. These items are considered munitions and explosives of concern. A 100% survey/removal was conducted in the accessible area of the streambed. With time, undetected objects buried in the area could be exposed by erosion.

As a result, the Area D streambed area of concern has been included in the munitions and explosives of concern inspection program. The area of concern is presented in Figure 1-5.

- Area G Streambed – Potrero Creek meanders through the Helicopter Weapons Test Area. The streambed is located between the firing point and the range. It was reported that weapons were checked prior to testing by firing them into the southern bank of the streambed. It was also reported that only inert practice rounds were used during the testing. Investigations in Area G resulted in the recovery of small arms brass, mechanically generated 30mm fragments and inert 40mm projectiles. No munitions and explosives of concern were found in the Area G Streambed. Due to erosion of the stream bank, inert items resembling much more hazardous live munitions may erode out and collect in the streambed where they may be found by site users. As a result, the Area G Streambed area of concern has been included in the munitions and explosives of concern inspection program to allow the removal of the inert practice projectiles if they erode out of the stream bank. The area of concern is presented in Figure 1-6.

- Area H Sanitary Landfill – The landfill is closed and covered; however, there is anecdotal information that small arms ammunition (7.62mm) was placed in the landfill. While temporary erosion protection measures are in place, the surface of the landfill is sloped at approximately 6% and has been subject to some erosion in the past. With time erosion could expose the contents of the landfill. As a result, the Area H Sanitary Landfill area of concern has been included in the munitions and explosives of concern inspection program. Temporary erosion control measures as well as quarterly inspection will continue to be utilized until a final solution is in place. The area of concern is presented in Figure 1-7.

Table 1-1 contains a summary of the six areas of concern that have been included in the inspections, an evaluation of the types of munitions/ammunition that may have been used in each area and may potentially be present, and a summary of what has been discovered during the routine inspections. The inspections have been conducted annually since 2011. During the first two years only anomalies proud of the surface were inspected. Subsurface inspections were added in 2013.

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
A	Streambed and Secondary Erosion Features	None known (the streambed is immediately adjacent to the Target Impact Area and erosion has advanced into the Target Impact Area)	None (726 targets dug)	30mm high explosive projectiles and MD from adjacent range/target area	No MEC or MD has been discovered proud of the surface or during recent subsurface inspections
B	Phalanx Target Berm	Impact area for Phalanx gun tests	Inert 20mm & 30mm target practice projectiles; mechanical frag	Inert 20mm & 30mm projectiles and fragments	No MEC or MD has been discovered proud of the surface or during recent subsurface inspections
D	Berm at the Base of the TPLZ	TPLZ impact area (gun range)	None found	20mm, 37mm, 40mm, 155mm, and 5 inch target practice projectiles and MD	No MEC or MD has been discovered proud of the surface or during recent subsurface inspections
D	Streambed and Secondary Erosion Features	None known (potential disposal)	20mm target practice rounds; 20mm target practice projectiles, & live Primers/Igniters	20mm target practice rounds, 20mm target practice projectiles, & live Primers/Igniters	No MEC has been discovered proud of the surface or during recent subsurface inspections but an inert 20mm projectile was discovered during recent subsurface inspections
G	Streambed and Secondary Erosion Features	40mm grenades, 30mm cannon projectiles, and 7.62mm machine gun bullets platform mounted guns test fired into stream bank	30mm & 40mm target practice projectiles	30mm & 40mm target practice projectiles	No MEC or MD has been discovered proud of the surface or during recent subsurface inspections but inert 40mm grenades have been recovered during other activities conducted on the impact range above the streambed
H	Landfill	Sanitary landfill; anecdotal info that small arms rounds were buried here	None found	7.62mm belted ammunition	No MEC or MD has been discovered proud of the surface, subsurface inspections are not being performed at the landfill

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 use, if not it is rejected and repaired or replaced. All equipment utilized during this field event was tested daily and the test results are documented in the daily field reports.

Each area designated for inspection was surveyed using the instrument-aided on-line surface survey method. The survey team forms up in a line at the established base line (one of the survey area edges), the technicians then step off from the base line one at a time in an echeloned line, with the first technician following the left or right boundary of the area to be surveyed dropping flags on the opposite side as he progressed. As each following technician moves forward they pick up the previous technician's flag and drop a flag on the opposite side for the next technician in line to follow. The last technician in line leaves dropped flags to mark a path for the team to follow during the next pass. This process is repeated until the entire area is surveyed.

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.

When subsurface anomalies were detected, the location was recorded with a GPS instrument and the coordinates were recorded in the logbook and the Daily MEC Activity log.

2.2 SUBSURFACE INSPECTION

In Areas A and D, the inspection team excavated anomalies detected during the inspection to confirm the completeness of the removal actions taken in these areas. Historically, potentially hazardous munitions related materials were found in both of these Operational Areas; therefore, the potential for residual MEC is possible. Historically, scrap metal was found in all the areas investigated including these two. Therefore, not all of the anomalies detected will necessarily be investigated. The inspection team was instructed to excavate up to 40 anomalies detected across the two areas and inspect them to determine their nature.

If the excavated items had been determined to be MEC or MPPEH the Riverside County Sheriff's HDT would have been contacted for disposal and Tetra Tech UXO personnel would have maintained site access control and ensure personnel and public safety until Riverside County

Sheriff's HDT arrived and took control of the site. All other munitions related items were collected, certified safe, and disposed of appropriately.

2.3 HABITAT CONSERVATION

All inspection activities were performed in accordance with the U.S. Fish and Wildlife Service (USFWS)-approved Habitat Conservation Plan (HCP) [USFWS, 2005] and subsequent clarifications (LMC, 2006a and 2006b) of the HCP. Stephens' Kangaroo Rat awareness training was provided to the field teams prior to site entry. Prior to excavation the area was inspected by a biologist to ensure that there were no impacts to Stephens' Kangaroo Rats.

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.

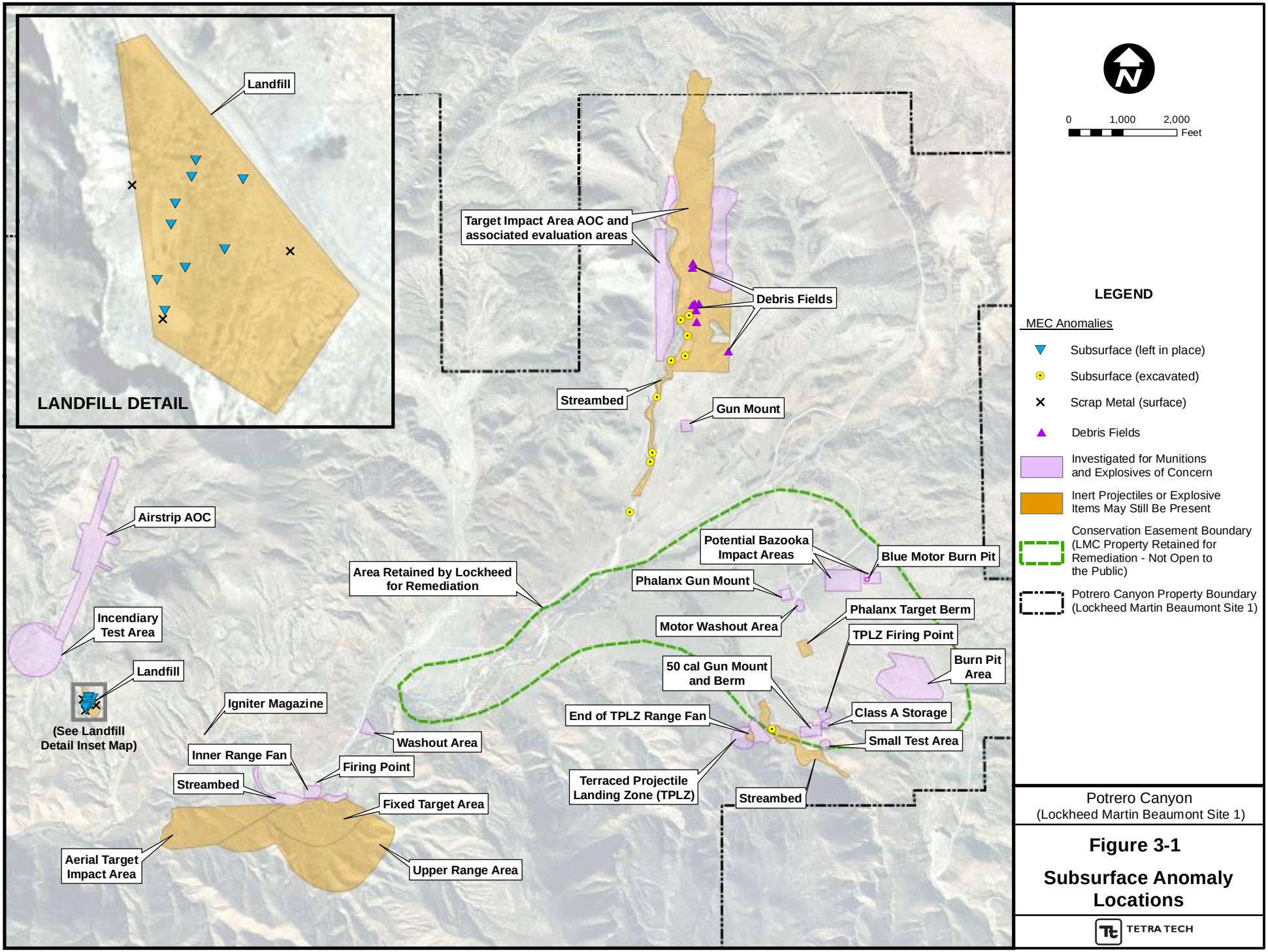
Table 3-1 Summary of Anomalies Discovered During the Routine MEC Inspection

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 discovered an additional ten 40mm inert grenades on the ground surface in Area G. The inspection team contacted the Beaumont Police who in turn contacted the Riverside County Sheriff's HDT which came out on two occasions, 31 January 2013 to pick up eight grenades and again on 06 February 2013 to pick up one additional grenade. A second grenade was discovered during the 06 February retrieval. It is assumed that the combination of last year's wild fire in this area and the seasonal precipitation contributed to the conditions which caused the inert grenades to become exposed.

Two target areas have been identified within Area G the "Fixed Target Zone/Upper Range Area" and the "Aerial Target Impact Area". The inert grenades were found both within the current boundaries of the target areas and outside of the boundaries. Four of the grenades were discovered within the "Fixed Target Zone/Upper Range Area" and seven of the grenades were located in the area between the "Fixed Target Zone/Upper Range Area" and the "Aerial Target Impact Area" (Figure 3-2).

Based on this discovery, and with the approval of the Department of Toxic Substances Control, the current locations of the MEC warning signs were adjusted to include the area where the recent inert grenades were found. The two target areas were joined to incorporate the area between the existing areas of concern by repositioning the signs along the western edge of the "Fixed Target Zone/Upper Range Area" AOC and the eastern edge of the "Aerial Target Impact Area" AOC. The signs were placed such that the maximum distance between signs would be no greater than 500 feet, but were set close enough together that anyone entering the area from the valley floor would see at least one sign (Figure 3-2).


P:\GIS\Lockheed B1OM_06\MEC_Targets.mxd
Landfill
LANDFILL DETAIL
Target Impact Area AOC and associated evaluation areas
Debris Fields
Streambed
Gun Mount
Airstrip AOC
Incendiary Test Area
Landfill
(See Landfill Detail Inset Map)
Igniter Magazine
Inner Range Fan
Firing Point
Streambed
Fixed Target Area
Aerial Target Impact Area
Upper Range Area
Washout Area
Area Retained by Lockheed for Remediation
Potential Bazooka Impact Areas
Blue Motor Burn Pit
Phalanx Gun Mount
Phalanx Target Berm
Motor Washout Area
TPLZ Firing Point
50 cal Gun Mount and Berm
Burn Pit Area
End of TPLZ Range Fan
Class A Storage
Small Test Area
Terraced Projectile Landing Zone (TPLZ)
Streambed
0
1,000
2,000
Feet
LEGEND
MEC Anomalies
Subsurface (left in place)
Subsurface (excavated)
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
TETRA TECH

P:\GIS\Lockheed 30079-B1OM.01\MEC_AOC.mxd

Area F
LPC Test Services Area

Area G
Helicopter Weapons Test Area

Addition to
Area G MEC AOC

Aerial Target
Impact Area

Streambed

Fixed Target Zone

Upper Range Area

40mm1
40mm2
40mm3
40mm4
40mm5
40mm6
40mm7
40mm8
40mm9
40mm10

0 250 500 Feet

Adapted from:
March 2007 aerial photograph.

LEGEND

- Relocated Sign Locations
- Removed Signs
- Sign Location
- 40mm Projectile Location
- Topographic Elevation Contour (10-ft intervals)
- Existing MEC Area of Concern
- MEC AOC Addition
- Historical Operational Area Boundary

Potrero Canyon
(Lockheed Martin Beaumont Site 1)

Figure 3-2
Area G-
40mm Projectile Locations

TETRA TECH

SECTION 4 CONCLUSIONS AND RECOMMENDATIONS

Six munitions and explosives of concern areas of concern located in five Operational Areas were inspected. A total of 22 anomalies, three surface and 19 subsurface, were detected during this year's inspection. Nine subsurface anomalies were located in Area A, one subsurface anomaly in Area D, and 12 (three surface and nine subsurface) in Area H (Figure 3-1). No munitions and explosives of concern or material potentially presenting an explosive hazard were identified at any of the five Operational Areas during the inspection. The one anomaly excavated in Area D was determined to be munitions debris, the projectile from a 20mm target practice round. The projectile was located in the streambed near the road crossing at an approximate depth of two inches below ground surface.

The discovery of subsurface metallic anomalies in the inspection areas is not unanticipated since metallic anomalies, some related to munitions and explosives of concern and many not, were found in these areas during the assessment and removal work previously conducted. In those areas that were surveyed for assessment purposes only and a removal action was not required, only a small portion of the area of concern would have been surveyed. Regardless the level of survey performed, finding metallic anomalies in these areas is not unanticipated. It is possible that metallic debris was present at depths below the detection capabilities of the geophysical instrumentation used for the assessments and that natural erosion processes may be moving this debris closer to the surface. It is also possible that metallic objects were transported into the area. Therefore, the presence of subsurface metallic anomalies is not necessarily indicative of munitions related material.

Portions of Area A were historically farmed. This activity commonly results in high quantities of metallic debris including wire, fasteners, horse shoes, tools, and irrigation pipe, and many other pieces of metal, some of which were found during the assessment of the Area A streambed. Over 700 metallic anomalies were investigated in the Area A streambed and no munitions and explosives of concern or munitions related debris were found. Likewise, Area H was a landfill and may contain many pieces of non-munitions metallic waste such as nails, screws, piping, rebar, or other items related to non-munitions activities at the site. The Area B Phalanx target berm was

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 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 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 subsurface investigations were performed as well. These inspections and investigations have yielded no munitions and explosives of concern in the six areas of concern evaluated. This includes the two areas of concern in Area A and Area D where previous munitions and explosives of concern removal activities were conducted. Munitions debris was found in the streambed in Area D where the removal had previously taken place. Based on these findings an inspection schedule as presented in Table 4-1 is recommended.

All surface inspections and subsurface investigations will be done in accordance with existing approved planning documents. If potential residual munitions and explosives of concern are uncovered, the Riverside County Sheriff's Hazardous Devices Team will be called to dispose of the suspect item. Since ferrous and non-ferrous munitions were historically tested at the site there is a potential for non-ferrous munitions related material to remain. Because of this potential, future inspections will continue to utilize an all-metals detector.

In addition to the routine munitions and explosives of concern inspection described and documented in this report, two other activities resulted in the discovery of several munitions related items. Eleven inert 40mm grenades were recovered during other activities conducted in Operational Area G over the last year. The first was discovered by Cal Fire while fighting a wild fire at the Site. The remaining ten were discovered during inspection and maintenance of the munitions and explosives of concern warning signs placed on the perimeter of the Area G target areas. All were evaluated and removed by the Riverside County Sheriff's Hazardous Devices Team. The grenades were discovered on and between the three target areas. The three target areas were previously mapped as two discrete areas. The Fixed Target Zone and the Upper Range Area were mapped as one contiguous target area and the Aerial Target Impact Area as a second. Based on these findings the limits of the target areas were combined into one and, with the Department of Toxic Substances Controls approval, the munitions and explosives of concern warning signs that ringed these target areas were reconfigured to match the new combined target area. The presence of these inert projectiles is no surprise. Based on previous investigations they were known to be spread across the Area G target areas. These combined ranges cover approximately 90 acres of rugged terrain. The wild fire in 2012 and the winter precipitation likely helped to expose those that were discovered this year. These discoveries do not change what was known about munitions-related activities in this area and no additional action is proposed based on these discoveries.

Table 4-1 Recommended Munitions and Explosives of Concern Inspection Schedule

Operational Area	Inspection Area	Proposed Inspection Schedule	Inspection Rational
A	Streambed and Secondary Erosion Features	Annual instrument (all metals) aided surface inspections. Subsurface investigation of up to 20% of metallic anomalies detected during the inspection	Because unexploded ordnance was found in this Operational Area during the munitions and explosives of concern investigation and removal phases, inspections should continue more frequently
B	Phalanx Target Berm	Biennial instrument (all metals) aided surface inspections.	Investigations support that only inert projectiles were fired at this area of concern. Inert projectiles are still present but exposure by natural causes appears to be limited
D	Berm at the Base of the Terraced Projectile Landing Zone	Biennial instrument (all metals) aided surface inspections.	No munitions related items have been recovered from this berm and erosion of the berm appears to be limited
D	Streambed and Secondary Erosion Features	Annual instrument (all metals) aided surface inspections. Subsurface investigation of up to 20% of metallic anomalies detected during the inspection.	Because material potentially presenting an explosive hazard was found in this Operational Area during the munitions and explosives of concern investigation and removal phases, inspections should continue more frequently
G	Streambed and Secondary Erosion Features	Biennial instrument (all metals) aided surface inspections.	Investigations support that only inert projectiles were fired at this area of concern. Inert projectiles are still present but exposure by natural causes appears to be limited
H	Landfill	Continue routine inspections to ensure the landfill cap is not being compromised and waste is being exposed. Biennial instrument (all metals) aided surface inspections	Small arms munitions are reported to have been buried in the landfill but no munitions related items have been recovered from the landfill and erosion of the interim cap appears to be limited

Note: up to 40 anomalies from the annual inspection areas of concern in Operational Areas A and D will be excavated during subsurface investigations.

The warning sign inspection and maintenance teams will continue to look out for these projectiles during their routine visits to the area and, if more are discovered, they will follow the established response procedures and call the Beaumont Police.

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: 4/3/13**
PROJECT NO: 112IC05161	**TASK CODES**: 8.b.1

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

Mobilization/Site Preparation: Syd Rodgers, Mark Ladd, Nick Brantley, Tye Turner mobilized to Beaumont, CA.

Site Survey: Tetra Tech Biologist conducted a tour of all sites to be investigated during this project.

UXO Escort/Avoidance: UXO Escort provided for non-UXO personnel.

Site-Specific Training: All personnel attended Site-Specific Training at the local Tetra Tech Div Office.

Vegetation Management: N/A

Detector Aided Surface Survey: N/A

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:

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**

No MEC or MPPEH was recovered during site visit

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: 4/3/13

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

09:00 All personnel reported to the Tetra Tech Div office for initial training, Training was conducted by a Mr. Thomas Villeneuve of the local Tetra Tech office. Topics covered were a history of the site and surrounding area. What has been recovered in the past and where it was located, notification procedures for if MEC is recovered, hospital route, and went over the work plan and what is expected during this operation.

Mr. Philip Henderson (Biologist) conducted a briefing of the local endangered wildlife that could be encountered in this area.

Mr. Henderson and the crew departed to the Tetra Tech storage area to collect tools and equipment to conduct our survey.

Mr. Henderson then conducted a guided tour of the entire site where we would be working.

Mr. Henderson will accompany us during the excavation phase of this project; if MEC is located he will be moved to a safe area while the UXO Technicians investigate the item. When the item is declared safe Mr. Henderson will move forward and the sweep will continue.

With the guided tour completed the UXO Team moved to a hotel to continue reading work plans and refreshing themselves with the Tetra Tech SOPs that pertain to this project. All personnel signed required documentation stating they understand the SOPs and will comply.

17:00 Team secured for the day.

IMPORTANT PHONE CALLS/DECISIONS: N/A

FIELD TASK MODIFICATIONS: None

WEATHER CONDITIONS: Plenty of sunshine, High 76F, Winds SSW @5-10mph

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers, Mark Ladd, Tye Turner, Nick Brantley, Philip Henderson, Thomas Villeneuve, Christopher Patrick

SIGNATURE: Syd Rodgers	DATE: 4/3/13

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

Site(s):

PREPARATORY PHASE INSPECTION REPORT

Project Name: MEC Inspection | Report No: 1
Project No: 112IC05161 | Location: Beaumont, CA | Date: 4/3/13

I. Definable Feature of Work (see SAP Worksheet No. 12 and revise list as needed)

☒ Site Preparation (incl. mobilization)	☒ Detector Aided Survey	☐ MPPEH Management (Inspection)
☒ Site Survey	☐ Target Acquisition	☐ MPPEH Management (Cert.)
☐ Vegetation Management	☒ Manual Intrusive Operations	☐ MPPEH Management (Disposal)
☒ GPS Positional Data	☐ Donor Explosives Handling	☐ Demobilization
☐ IVS	☐ MEC Management (Treatment)	☐ Other:

II. References (DOD Inst., Corporate references, SOPs, etc.):

III. Personnel Present (employees performing the work) Attach supplemental sheet if necessary

Name	Position	Company
Syd Rodgers	SUXOS/Safety	Tetra Tech NUS
Mark Ladd	Team Leader (Tech III)	Tetra Tech NUS
Nick Brantley	UXO Tech (Tech II)	Tetra Tech NUS
Tye Turner	UXO Tech (Tech I)	Tetra Tech NUS

IV. Submittals Reviewed (Work Plan, EHSP, Permits, etc.) Attach supplemental sheet if necessary

Submittals Reviewed.	Item No.	Date	Approval Authority
Work Plan			
HASP			

Have all submittals been approved? ☒ Yes ☐ No

If No, what items have not been submitted/ approved?

Are all submittals on hand? ☒ Yes ☐ No

If No, what items are missing?

Check approved submittals against delivered material. (This should be done as material arrives.)

Comments:

V. Resources (Personnel & Equipment)

PREPARATORY PHASE INSPECTION REPORT

Project Name: MEC Inspection | Report No: 1
Project No: 112IC05161 | Location: Beaumont, CA | Date: 4/3/13

Are adequate resources on hand to effectively conduct work?	☒ Yes	☐ No
If No, what action will be taken?		

VI. Procedures (Project Manger should be involved in this stage of the inspection)

Review contract specifications. (List special requirements such as location accuracy, format for deliverables, etc.)

Discuss procedure for accomplishing the work (Reference WP Section or SOP).

Clarify any differences (revisions needed).

VII. Resolve Differences (What did you do to resolve outstanding issues/problems)

Comments: None

VIII. Testing/ Surveillance

Identify Tests/ Surveillance to be performed, frequency, and by whom.

Where will the testing to take place (in the test bed, at a selected monument, etc.)?

Is the Testing/ Surveillance Plan Adequate?

IX. Safety

Review applicable portion of the Health and Safety Plan. Reviewed

Has the Activity Hazard Analysis been approved?	☒ Yes	☐ No

X. Results of Inspection

☒ Acceptable ☐ Unacceptable		NCR #:
Name: Syd Rodgers	Signature:	Date: 4/3/13

QCM Comments

QCM Review

☐ Concur	☐ Non-Concur	Signature:	Date

XI. Distribution

☐ PM UXO Project MGR x UXOSO/QC x SUXOS ☐ CLIENT REP

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

Site(s):

TETRA TECH

MRP FF.22
DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: MEC Inspection, Beaumont, CA

Site(s):

1. Briefing(s) Given By:	Name	Signature	Position
	Syd Rodgers		SUXOS/Safety Officer
Date:4/3/13	Time: 09:00	Team #: N/A	

2. Reason for Briefing:

_x_ Initial Safety Briefing	___ New Site Procedure:_____
_x_ Daily Safety Briefing	___ New Site Information:_____
___ New Task Briefing:_____	_x_ Review of Site Information
___ Periodic Safety Meeting	___ Other: (Specify)_____

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

x☐ Site Preparation (incl. mobilization)	x☐ Detector Aided Survey	☐ MPPEH Management (Inspection)
x☐ Site Survey	☐ Target Acquisition	☐ MPPEH Management (Cert.)
☐ Vegetation Management	x☐ Manual Intrusive Operations	☐ MPPEH Management (Disposal)
☐ GPS Positional Data	☐ Donor Explosives Handling	☐ Demobilization
☐ IVS	☐ MEC Management (Treatment)	☐ Other:

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

___ Site Safety Personnel	___ Decontamination Procedures
_x__ Site/Work Area Description	___ Emergency Response/Equipment
_x__ Physical Hazards	_x__ On-Site Injuries/Illness
___ Chemical/Biological Hazards	_x_ Reporting Procedures
_x_ Heat/Cold Stress	_x_ Directions to Medical Facility
___ Work/Support Zones	___ Drug and Alcohol Policies
_x__ PPE	___ Medical Monitoring
___ Safe Work Practices	_x_ Evacuation/Egress Procedures
___ Air Monitoring	_x_ Communications
_x_ Task Training	___ Confined Spaces
___ OE Precautions	___ Other:

5. Remarks: All personnel attended initial site training with local Tetra Tech Personnel

6. Personnel Attending

Name	Signature	Position
Mark A. Ladd		Lead Tech
Nicholas J. Brantley		Tech II
Tye Turner		Tech I
Philip Henderson		Biologist

TETRA TECH

MRP FF.22

DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: MEC Inspection, Beaumont, CA

Thomas J. Villeneuve **Site(s):**

Date:

Name	Signature	Position
Christopher Parker		

TETRA TECH

MRP FF.1

SAP Worksheet #4 (Field Personnel)

Project Personnel Sign-off Sheet

Facility/Location: MEC Inspection

Site(s): Beaumont, CA

Date	Organization/Role	Name	Signature
	Tetra Tech/SUXOS	Syd Rodgers	
	Tetra Tech/UXOQCS		
	Tetra Tech/UXOSO (if different than UXOQCS)		
	Tetra Tech/Technician	Mark Ladd	
	Tetra Tech/ Technician	Nick Brantley	
	Tetra Tech/ Technician	Tye Turner	
	Tetra Tech/ Technician		
	Tetra Tech/ Technician		
	Tetra Tech/ Technician		
	Tetra Tech/ Technician		
	Tetra Tech/ Technician		
	Site Geophysicist		
	Staff Geophysicist		
	Staff Geophysicist		
	Staff Geophysicist		

I have read and understood the SAP relative to assigned roles, per SAP Worksheet No. 3.

Last Revised: 3/31/2011

Process Supervisor's Statement

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 the worker's/operator's statement for this process. I will ensure the SOP(s) and Site Specific Work Plan has current procedures. If a major change to the procedure(s) is necessary, I will ensure that the process is stopped until the SOP(s) and/or Site Specific Work Plan is revised and approved. If unexpected safety, health, or environmental hazards are found, I will make sure the process is stopped until the hazards have been eliminated.

Review and Check all Applicable SOP(s) applicable to Definable Features of Work.

SOP	Process	Reviewed ☒
SOP 1	Detector Aided Surface Survey	☑
SOP 2	MEC Management and Accountability	☑
SOP 3	Digital Geophysical Mapping	☑
SOP 4	Geophysical Data Processing and Analysis	☑
SOP 5	GPS	☐ N/A
SOP 6	Vegetation Management	☐ N/A
SOP 7	UXO Demolition Disposal Operations	☐ N/A
SOP 8	UXO Documentation	☑
SOP 9	MPPEH Management and Certification	☑
SOP 10	UXO Intrusive Investigation	☑
Other		☐
SOP		☐
SOP		☐
SOP		☐
SOP		☐

Note: The reviewed SOP's have been incorporated with site specific planning documents in order to provide the necessary process to perform required tasks. Site Specific Planning Documents may provide more detailed process information and will supersede SOP general process information.

Syd Rodgers		4/3/13
Supervisor's Name	Signature	Date

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: _____ MEC Inspection, Beaumont, CA_____

Site(s): __Lockeheed__

FIELD ACTIVITY SUBJECT: MEC INSPECTION, BEAUMONT, CA	**Date: 4/4/13**
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 large riverbed.

Target Reacquisition: N/A

Intrusive Operation: Manual intrusive operations performed at select target anomalies in the large riverbed area.

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**

No MEC or MPPEH was encountered today

TETRA TECH

MRP FF.2

DAILY MEC ACTIVITY LOG

Facility/Location: _____ MEC Inspection, Beaumont, CA_____

Site(s): __Lockeheed__

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

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

07:00 All personnel assembled at the Tetra Tech storage area on site for daily safety brief. Blanket test performed on Whites XLT all metals detectors. All passed.

Team departed bunker area for the large river bed to start sweeping and excavating anomalies. Biologist will travel with the UXO Team during sweep operations to determine if the team may dig or not, if an anomaly is identified the Biologist will fall back to a safe location during excavations, if an anomaly is determined to be safe the Biologist will be allowed to move forward and the sweep will resume.

By COB the entire length of the large river bed had been walked and swept for UXO. No munition related materials were identified.

17:00 Team secured for the day

IMPORTANT PHONE CALLS/DECISIONS: N/A

FIELD TASK MODIFICATIONS: None

WEATHER CONDITIONS: Mostly cloudy skies in AM turning partly cloudy in PM. High 73F. Winds WSW@ 10-15mph

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers, Mark Ladd, Tye Turner, Nick Brantley, Philip Henderson

SIGNATURE: Syd Rodgers	**DATE: 4/4/13**

TETRA TECH
MRP FF.11
DIG SHEET - MANUAL TARGET EXCAVATION RESULTS

Facility/Locatiom: MEC Inspection, Beaumont, CA_____

Site(s):__Lockheed__

Location or Anomaly Number (1)	Coordinates (1)		Detection Equip.	Excavation Dimensions (L x W x D) (inches)/(feet)	Number of Dig Locations	Munitions-Related Items				Non-Munitions Items			No Finds
	N	E				Number and Description	MEC/ MPPEH/ MDAS	Explosive Weight (lbs)	Disposition Date	Number and Description	Approx. Weight (lbs)	Disposition Date	Anomaly Deeper than _2__'? (Y/N)
1	11S 0504955	UTM 3747496	White	1"x2"x3"	1					Geo Material	N/A	4/4/13	N
2	11S 0505073	UTM 3747785	White	1"x2"x3"	1					Geo Material	N/A	4/4/13	N
3	11S 0505111	UTM 3748151	White	3"x2"x1"	1					Scrap Metal	.25lb	4/4/13	N
4	11S 0505190	UTM 3748358	White	12"x8"x1"	1					Scrap Metal (Bed Frame)	2lb	4/4/13	N
5	11S 0505272	UTM 3748387	White	2"x2"x1"	1					Scrap Metal	.25lb	4/4/13	N
6	11S 0505284	UTM 3748501	White	2"x2"x2"	1					Scrap Metal(Waffle Iron)	.50	4/4/13	N
7	11S 0505293	UTM 3748614	White	2"x2"x2"						Scrap Metal (Wire)	.25lb	4/4/13	N
8	11S 0505246	UTM 3748589	White	3"x2"x2"						Scrap Metal (Wheel)	.50lb	4/4/13	N
9	11S 0505085	UTM 3747835	White	1"x1"x1"						Scrap Metal (Fence Wire)	.25lb	4/4/13	N

-- = None found or unknown, not applicable.
1) Coordinates supplied by GPS

Signature: _____Date:_____

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 now that warm weather has arrived. Each team member wore snake chaps and applied sunscreen prior to departure. Tetra Tech Biologist went with the team and was made aware he must follow the instructions of the team leader if an item is to be investigated.

Observed team using proper manual intrusive investigation techniques and wearing proper PPE. Stressed the importance of hydration.

A briefing was conducted by the Biologist on the endangered species in the area and what to look for and what to stay away from.

No discrepancies noted.

VISITORS ON SITE (indicate if received Site-Specific raining)**: Fish and wildlife representative stopped by during his rounds of the area (he was not given a site specific brief) he was not going to enter the site and did not hinder our operations.**

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS

NONE:

WEATHER CONDITIONS: (temp, wind, humidity, precipitation) Partly cloudy, 73F, Winds WSW@10-15mph	**IMPORTANT TELEPHONE CALLS** **NONE**:

PERSONNEL ON SITE: See Tailgate Safety Briefing/Training Record

SIGNATURE: Syd Rodgers **DATE**: 4/4/13

TETRA TECH

MRP FF.22
DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: MEC Inspection, Beaumont, CA

Site(s):

1. Briefing(s) Given By:	Name	Signature	Position
	Syd Rodgers		SUXOS/Safety Officer
Date:4/4/13	Time: 07:00	Team #: N/A	

2. Reason for Briefing:

___ Initial Safety Briefing	___ New Site Procedure:_____
_x_ Daily Safety Briefing	___ New Site Information:_____
___ New Task Briefing:_____	___ Review of Site Information
___ Periodic Safety Meeting	___ Other: (Specify)_____

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

☐ Site Preparation (incl. mobilization)	x Detector Aided Survey	☐ MPPEH Management (Inspection)
☐ Site Survey	☐ Target Acquisition	☐ MPPEH Management (Cert.)
☐ Vegetation Management	x manual Intrusive Operations	☐ MPPEH Management (Disposal)
☐ GPS Positional Data	☐ Donor Explosives Handling	☐ Demobilization
☐ IVS	☐ MEC Management (Treatment)	☐ Other:

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

___ Site Safety Personnel	___ Decontamination Procedures
_x_ Site/Work Area Description	___ Emergency Response/Equipment
_x_ Physical Hazards	_x_ On-Site Injuries/Illness
___ Chemical/Biological Hazards	___ Reporting Procedures
_x_ Heat/Cold Stress	_x_ Directions to Medical Facility
___ Work/Support Zones	___ Drug and Alcohol Policies
_x_ PPE	___ Medical Monitoring
___ Safe Work Practices	_x_ Evacuation/Egress Procedures
___ Air Monitoring	_x_ Communications
___ Task Training	___ Confined Spaces
___ OE Precautions	___ Other:

5. Remarks: Biologist will be with UXO Team until the team starts digging, he will then move to a safe area

Partly cloudy in AM turning cloudy in PM, High 73F, Winds WSW @10-15mph

6. Personnel Attending

Name	Signature	Position
Mark Ladd		Team Leader
Nick Brantley		UXO Tech II
Tye Turner		UXO Tech I
Philip Henderson		Biologist

Facility/Location: MEC Inspection, Beaumont, CA

Site(s): Lockheed

INITIAL PHASE INSPECTION REPORT

Project Name: MEC Inspection, Beaumont, CA | Report No: 1

Project No: 112IC05161 | Location: Beaumont, CA | Date: 4/4/13

I. Definable Feature of Work (See Worksheet No. 12 and update list)

☒ Site Preparation (incl. mobilization)	☒ Detector Aided Survey	☒ MPPEH Management (Inspection)
☒ Site Survey	☐ Target Acquisition	☒ MPPEH Management (Cert.)
☒ Vegetation Management	☒ Manual Intrusive Operations	☐ MPPEH Management (Disposal)
☒ GPS Positional Data	☐ Donor Explosives Handling	☒ Demobilization
☐ IVS	☐ MEC Management (Treatment)	☐ 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
Phiilip Henderson	Biologist	Tetra Tech

IV. Preparatory Work (equipment set up & testing, EZ set up, logbook entries, etc.)

Is preliminary work complete and correct?	☒ Yes	☐ No
If No, what action(s) will be taken?		

V. Task Execution

Is work being completed in accordance with plans and specifications?	☒ Yes	☐ No
If No, what corrective action(s) will be taken?		
Is workmanship acceptable?	☒ Yes	☐ No
If No, what action(s) will be taken?		

INITIAL PHASE INSPECTION REPORT

Project Name: MEC Inspection, Beaumont, CA | Report No: 1

Project No: 112IC05161 | Location: Beaumont, CA | Date: 4/4/13

V. Resolve Differences

Comments:

VI. Safety (Review work conditions using HASP and AHAs)

Comments: Team was observed and no corrective actions were needed.

VII. Results of Inspection

☒ Acceptable	☐ Unacceptable	NCR #:
Name: Syd Rodgers	Signature:	Date:4/4/13

QC Manager Comments

QC Manager Review

☐ Concur	☐ Non-Concur	Signature:	Date

VIII. Distribution

☐ PM ☐ UXO Project MGR ☐ UXOS/QC ☐ SUXOS ☐ CLIENT REP

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)**:**

Item ID	**Description**	**Item ID**	**Description**

20mm TP Area D, UTM 11S 0505763E/37462667N - MDAS

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

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

07:00 All personnel assembled at the Tetra Tech storage area on site for daily safety brief. Blanket test performed on Whites XLT all metals detectors. All passed.

Personnel departed the assembly area and reported to Area D, (the shorter of the two river beds) to sweep and perform intrusive investigation of select target anomalies.

One item of concern (20mm TP) was recovered at the East end of the river determined MDAS.

A sealed MDAS container was on site, the container was assumed to be ours from previous operations, the seal was broken thinking the documentation would be inside and this item would be added to the inventory.

When the seal was broken and we looked inside there was no inventory to identify who placed the MDAS items in the container, The site manager was notified of the entry and requested instructions on how to handle the open container. The PM has been contacted. While awaiting a determination the 20mm TP MDAS located today was placed in the container and secured by one of our locks until further guidance can be given.

A detector-aided surface survey was conducted around Area B with no contacts noted.

17:00 Team secured for the day

IMPORTANT PHONE CALLS/DECISIONS: Notification was made to the Site Manager and PM regarding the MDAS drum.

FIELD TASK MODIFICATIONS: None

WEATHER CONDITIONS: Winds increasing. A mix of clouds and sun. High around 70F. Winds W@ 20-30mph, could gust to over 40mph

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers, Mark Ladd, Tye Turner, Nick Brantley, Philip Henderson

SIGNATURE: Syd Rodgers	DATE: 4/5/13

TETRA TECH
MRP FF.11
DIG SHEET - MANUAL TARGET EXCAVATION RESULTS

Facility/Location: _____MEC Inspection, Beaumont, CA_____

Site(s): __Lockheed__

Location or Anomaly Number (1)	Coordinates (1)		Detection Equip.	Excavation Dimensions (L x W x D) (inches)/(feet)	Number of Dig Locations	Munitions-Related Items				Non-Munitions Items			No Finds
	E	N				Number and Description	MEC/ MPPEH/ MDAS	Explosive Weight (lbs)	Disposition Date	Number and Description	Approx. Weight (lbs)	Disposition Date	Anomaly Deeper than _2__'? (Y/N)
1	11S 0504955	UTM 3747496	White	1"x2"x3"	1					Geo Material	N/A	4/4/13	N
2	11S 0505073	UTM 3747785	White	1"x2"x3"	1					Geo Material	N/A	4/4/13	N
3	11S 0505111	UTM 3748151	White	3"x2"x1"	1					Scrap Metal	.25lb	4/4/13	N
4	11S 0505190	UTM 3748358	White	12"x8"x1"	1					Scrap Metal (Bed Frame)	2lb	4/4/13	N
5	11S 0505272	UTM 3748387	White	2"x2"x1"	1					Scrap Metal	.25lb	4/4/13	N
6	11S 0505284	UTM 3748501	White	2"x2"x2"	1					Scrap Metal(Waffle Iron)	.50	4/4/13	N
7	11S 0505293	UTM 3748614	White	2"x2"x2"	1					Scrap Metal (Wire)	.25lb	4/4/13	N
8	11S 0505246	UTM 3748589	White	3"x2"x2"	1					Scrap Metal (Wheel)	.50lb	4/4/13	N
9	11S 0505085	UTM 3747835	White	1"x1"x1"	1					Scrap Metal (Fence Wire)	.25lb	4/4/13	N
10	11S 0505763	UTM 37462667	White	2"x2"x2"	1	1ea 20mm TP	MDAS	N/A	4/5/13				

TETRA TECH
MRP FF.11
DIG SHEET - MANUAL TARGET EXCAVATION RESULTS

Facility/Location: _____MEC Inspection, Beaumont, CA_____

Site(s): __Lockheed__

Location or Anomaly Number (1)	Coordinates (1)		Detection Equip.	Excavation Dimensions (L x W x D) (inches)/(feet)	Number of Dig Locations	Munitions-Related Items				Non-Munitions Items			No Finds
	E	N				Number and Description	MEC/ MPPEH/ MDAS	Explosive Weight (lbs)	Disposition Date	Number and Description	Approx. Weight (lbs)	Disposition Date	Anomaly Deeper than _2__'? (Y/N)

-- = None found or unknown, not applicable.
1) Coordinates supplied by GPS

Signature: _____Date:_____

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**	4/5/13
PROJECT NO.: 112IC05161	**TASK CODES**: 8.b.1	

SUMMARY OF DAILY ACTIVITIES AND EVENTS: Tailgate safety brief. Snake chaps (PPE) encouraged. Observed team members performing detector-aided surface survey and intrusive investigation of target anomalies in area D, a 20mm projectile was recovered at the East end of Area D and classified as MDAS.

Observed a White assisted surface sweep of Area B no contacts were noted

No deficiencies were noted during today's operations.

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: Winds increasing. Cloudy and sunny. High around 70F. Winds W@20-30mph possible gusts to 40mph	**IMPORTANT TELEPHONE CALLS** **NONE**: Site Manager and Project Manager notified of MDAS drum.

PERSONNEL ON SITE: See Tailgate Safety Briefing/Training Record

SIGNATURE: Syd Rodgers **DATE**: 4/5/13

Facility/Location: MEC Inspection, Beaumont, CA

Site(s): Lockheed

PREPARATORY PHASE INSPECTION REPORT

Project Name: MEC Inspection | Report No: 1

Project No: 112IC05161 | Location: Beaumont, CA | Date: 4/3/13

I. Definable Feature of Work (see SAP Worksheet No. 12 and revise list as needed)

☒ Site Preparation (incl. mobilization)	☒ Detector Aided Survey	☒ MPPEH Management (Inspection)
☒ Site Survey	☐ Target Acquisition	☒ MPPEH Management (Cert.)
☐ Vegetation Management	☒ Manual Intrusive Operations	☐ MPPEH Management (Disposal)
☒ GPS Positional Data	☐ Donor Explosives Handling	☒ Demobilization
☐ IVS	☐ MEC Management (Treatment)	☐ 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	Team Leader (Tech III)	Tetra Tech
Nick Brantley	UXO Tech (Tech II)	Tetra Tech
Tye Turner	UXO Tech (Tech I)	Tetra Tech
Philip Henderson	Biologist	Tetra Tech

IV. Submittals Reviewed (Work Plan, EHSP, Permits, etc.) Attach supplemental sheet if necessary

Submittals Reviewed.	Item No.	Date	Approval Authority
Work Plan			
HASP			

Have all submittals been approved? ☒ Yes ☐ No

If No, what items have not been submitted/ approved?

Are all submittals on hand? ☒ Yes ☐ No

If No, what items are missing?

Check approved submittals against delivered material. (This should be done as material arrives.)

Comments:

V. Resources (Personnel & Equipment)

Are adequate resources on hand to effectively conduct work? ☒ Yes ☐ No

Facility/Location: MEC Inspection, Beaumont, CA

Site(s): Lockheed

PREPARATORY PHASE INSPECTION REPORT

Project Name:	MEC Inspection			Report No:	1
Project No:	112IC05161	Location:	Beaumont, CA	Date:	4/3/13

If No, what action will be taken?

VI. Procedures (Project Manger should be involved in this stage of the inspection)

Review contract specifications. (List special requirements such as location accuracy, format for deliverables, etc.)

Discuss procedure for accomplishing the work (Reference WP Section or SOP).

Clarify any differences (revisions needed).

VII. Resolve Differences (What did you do to resolve outstanding issues/problems)

Comments: None

VIII. Testing/ Surveillance

Identify Tests/ Surveillance to be performed, frequency, and by whom.

Where will the testing to take place (in the test bed, at a selected monument, etc.)?

Is the Testing/ Surveillance Plan Adequate?

IX. Safety

Review applicable portion of the Health and Safety Plan. Reviewed

Has the Activity Hazard Analysis been approved? ☒ Yes ☐ No

X. Results of Inspection

☒ Acceptable ☐ Unacceptable		NCR #:
Name: Syd Rodgers	Signature:	Date: 4/3/13

QCM Comments

QCM Review

☐ Concur	☐ Non-Concur	Signature:	Date

XI. Distribution

☐ PM UXO Project MGR x UXOSO/QC x SUXOS ☐ CLIENT REP

TETRA TECH

MRP FF.22

DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: MEC Inspection, Beaumont, CA

Site(s):

1. Briefing(s) Given By:	Name	Signature	Position
	Syd Rodgers		SUXOS/Safety Officer
Date:4/5/13	Time: 07:00	Team #: N/A	

2. Reason for Briefing:

___ Initial Safety Briefing	___ New Site Procedure:_____
_x_ Daily Safety Briefing	___ New Site Information:_____
___ New Task Briefing:_____	___ Review of Site Information
___ Periodic Safety Meeting	___ Other: (Specify)_____

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

☐ Site Preparation (incl. mobilization)	x Detector Aided Survey	☐ MPPEH Management (Inspection)
☐ Site Survey	☐ Target Acquisition	☐ MPPEH Management (Cert.)
☐ Vegetation Management	x manual Intrusive Operations	☐ MPPEH Management (Disposal)
☐ GPS Positional Data	☐ Donor Explosives Handling	☐ Demobilization
☐ IVS	☐ MEC Management (Treatment)	☐ Other:

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

___ Site Safety Personnel	___ Decontamination Procedures
_x_ Site/Work Area Description	___ Emergency Response/Equipment
_x_ Physical Hazards	_x_ On-Site Injuries/Illness
___ Chemical/Biological Hazards	___ Reporting Procedures
_x_ Heat/Cold Stress	_x_ Directions to Medical Facility
___ Work/Support Zones	___ Drug and Alcohol Policies
_x_ PPE	___ Medical Monitoring
___ Safe Work Practices	_x_ Evacuation/Egress Procedures
___ Air Monitoring	_x_ Communications
__ Task Training	___ Confined Spaces
___ OE Precautions	___ Other: (Snake Chaps)

5. Remarks: Biologist will be with UXO Team until the team starts digging, he will then move to a safe area
Cloudy and sun. High 70F. Winds WSW @20-30mph, gusting to 40mph

6. Personnel Attending

Name	Signature	Position
Mark Ladd		Team Leader
Nick Brantley		UXO Tech II
Tye Turner		UXO Tech I
Philip Henderson		Biologist

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):

1. Briefing(s) Given By:	Name	Signature	Position
	Syd Rodgers		SUXOS/Safety Officer
Date:4/6/13	Time: 07:00	Team #: N/A	

2. Reason for Briefing:

___ Initial Safety Briefing	___ New Site Procedure:_____
_x_ Daily Safety Briefing	___ New Site Information:_____
___ New Task Briefing:_____	___ Review of Site Information
___ Periodic Safety Meeting	___ Other: (Specify)_____

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

☐ Site Preparation (incl. mobilization)	x Detector Aided Survey	☐ MPPEH Management (Inspection)
☐ Site Survey	☐ Target Acquisition	☐ MPPEH Management (Cert.)
☐ Vegetation Management	manual Intrusive Operations	☐ MPPEH Management (Disposal)
☐ GPS Positional Data	☐ Donor Explosives Handling	☐ Demobilization
☐ IVS	☐ MEC Management (Treatment)	☐ Other:

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

___ Site Safety Personnel	___ Decontamination Procedures
_x_ Site/Work Area Description	___ Emergency Response/Equipment
_x_ Physical Hazards	___ On-Site Injuries/Illness
___ Chemical/Biological Hazards	___ Reporting Procedures
___ Heat/Cold Stress	_x_ Directions to Medical Facility
___ Work/Support Zones	___ Drug and Alcohol Policies
_x_ PPE	___ Medical Monitoring
___ Safe Work Practices	___ Evacuation/Egress Procedures
___ Air Monitoring	_x_ Communications
__ Task Training	___ Confined Spaces
___ OE Precautions	___ Other: (Snake Chaps)

5. Remarks: Mix of clouds and sun. High 71F. Winds W@25-35 gusting to 40mph

6. Personnel Attending

Name	Signature	Position
Mark Ladd		Team Leader
Nick Brantley		UXO Tech II
Tye Turner		UXO Tech 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: 4/6/13**
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: N/A

Site-Specific Training: N/A

Vegetation Management: N/A

Detector Aided Surface Survey: Detector-aided survey conducted in Area H.

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**

No MEC or MPPEH has been located thus far in Area H

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:

07:00 All personnel assembled at the Tetra Tech storage area on site for daily safety brief. Blanket test performed on Whites XLT all metals detectors. All passed.

After the safety brief the team departed for Area H which is much higher up in the mountains than the rest of the sites that we have to visit. The terrain is more difficult to negotiate. The team came in contact with a snake which was avoided.

By COB today we have identified 5ea contacts with the White.

1. **Fence Post (surface) Location: 11S 0501877E/3746372N (left in place)**
2. **Subsurface Contact Location: 11S 0501878E/3746376N (unknown item)**
3. **Scrap Metal (surface) Location: 11S 0501862E/3746437N (left in place)**
4. **Scrap Metal(surface) Location: 11S 0501939E/3746405N (left in place)**
5. **Subsurface Contact Location: 11S 0501916E/3746440N (unknown item)**

There is probably one hour of sweeping left in this area before we can move on to the next site.

17:00 Team secured for the day

IMPORTANT PHONE CALLS/DECISIONS: N/A

FIELD TASK MODIFICATIONS: None

WEATHER CONDITIONS: Mix of clouds and gusty winds. High 71F. Winds W@25-35 with gusts to 40mph

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers, Mark Ladd, Tye Turner, Nick Brantley

SIGNATURE: Syd Rodgers	DATE: 4/6/13

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: 4/7/13**
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: 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**

No MEC or MPPEH has been located in Area H

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: 4/7/13**

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

07:00 All personnel reported to the assembly point for daily safety briefing. Blanket test performed on Whites XLT all metals detectors. All passed.

With the briefing complete the team moved back to Area H to resume operations

Seven (7) subsurface contacts were encountered today in Area H: UTM Coordinates

1. **11S 0501893E/ 3746449N (subsurface) left in place**
2. **11S 0501891E/ 3746441N (subsurface) left in place**
3. **11S 0501883E/ 3746428N (subsurface) left in place**
4. **11S 0501881E/ 3746418N (subsurface) left in place**
5. **11S 0501907E/ 3746406N (subsurface) left in place**
6. **11S 0501888E/ 3746397N (subsurface) left in place**
7. **11S 0501874E/ 3746391N (subsurface) left in place**

After Area H was completed the team moved to Area G to continue operations.

At COB Area G is still ongoing and will be completed on 4/8/13

17:00 Team secured for the day

IMPORTANT PHONE CALLS/DECISIONS: N/A

FIELD TASK MODIFICATIONS: None

WEATHER CONDITIONS: Sun and clouds mixed. High 73F. Winds W@10-15mph

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers, Mark Ladd, Tye Turner, Nick Brantley

SIGNATURE: Syd Rodgers	**DATE: 4/7/13**

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**	4/7/13
PROJECT NO.: 112IC05161	**TASK CODES**: 8.b.1	
SUMMARY OF DAILY ACTIVITIES AND EVENTS: Tailgate Safety brief. Observed the team sweeping Areas H and G. No deficiencies noted. All personnel wore proper PPE and observed all safety precautions.		
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: Sun and clouds mixed. High 73F. Winds W@10-15mph	**IMPORTANT TELEPHONE CALLS** **NONE**:	
PERSONNEL ON SITE: See Tailgate Safety Briefing/Training Record		
SIGNATURE: Syd Rodgers	**DATE**: 4/7/13	

TETRA TECH

MRP FF.22
DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: MEC Inspection, Beaumont, CA

Site(s):

1. Briefing(s) Given By:	Name	Signature	Position
	Syd Rodgers		SUXOS/Safety Officer
Date:4/7/13	Time: 07:00	Team #: N/A	

2. Reason for Briefing:

___ Initial Safety Briefing	___ New Site Procedure:_____
_x_ Daily Safety Briefing	___ New Site Information:_____
___ New Task Briefing:_____	___ Review of Site Information
___ Periodic Safety Meeting	___ Other: (Specify)_____

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

☐ Site Preparation (incl. mobilization)	x Detector Aided Survey	☐ MPPEH Management (Inspection)
☐ Site Survey	☐ Target Acquisition	☐ MPPEH Management (Cert.)
☐ Vegetation Management	manual Intrusive Operations	☐ MPPEH Management (Disposal)
☐ GPS Positional Data	☐ Donor Explosives Handling	☐ Demobilization
☐ IVS	☐ MEC Management (Treatment)	☐ Other:

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

___ Site Safety Personnel	___ Decontamination Procedures
_x__ Site/Work Area Description	___ Emergency Response/Equipment
___ Physical Hazards	_x_ On-Site Injuries/Illness
___ Chemical/Biological Hazards	___ Reporting Procedures
___ Heat/Cold Stress	_x_ Directions to Medical Facility
___ Work/Support Zones	___ Drug and Alcohol Policies
_x__ PPE	___ Medical Monitoring
_x_ Safe Work Practices	___ Evacuation/Egress Procedures
___ Air Monitoring	_x_ Communications
__ Task Training	___ Confined Spaces
___ OE Precautions	___ Other: (Snake Chaps)

5. Remarks: Sun and c..ouds mixed. High 73F. Winds W@73mph

6. Personnel Attending

Name	Signature	Position
Mark Ladd		Team Leader
Nick Brantley		UXO Tech II
Tye Turner		UXO Tech 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: 4/8/13**
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: N/A

Site-Specific Training: N/A

Vegetation Management: N/A

Detector Aided Surface Survey: Completed Area G. By COB all areas have been swept and intrusively investigated as planned.

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: All personnel will demobilize 4/9/13

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**

No MEC or MPPEH was located in Area G

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: 4/8/13**

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

07:00 All personnel reported to the assembly point for daily safety briefing. Blanket test performed on Whites XLT all metals detectors. All passed.

Team departed from assembly area to complete Area G

When Area G was complete the team made preparations to Demobilize on 4/9/13.

Tools and equipment were cleaned and stored in shipping containers; applicable equipment returned to Tetra Tech Div office, final inspection of all sites worked at.

MDAS has been certified and sealed in MDAS container. All applicable forms have been completed.

All personnel will demobilize on 4/9/13

17:00 Team secured for the day

IMPORTANT PHONE CALLS/DECISIONS: N/A

FIELD TASK MODIFICATIONS: None

WEATHER CONDITIONS: Mix of sun and clouds with gusty winds. High near 60F. Winds WNW@20-30mph

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers, Mark Ladd, Tye Turner, Nick Brantley

SIGNATURE: Syd Rodgers	**DATE: 4/8/13**

TETRA TECH
MRP FF.21
DAILY SAFETY LOG

Facility/Location: _____MEC Inspection, Beaumont, CA_____

Site(s): __Lockheed__

8FIELD ACTIVITY SUBJECT: MEC Inspection, Beaumont, CA	**Date**	4/8/13
PROJECT NO.: 112IC05161	**TASK CODES**: 8.b.1	
SUMMARY OF DAILY ACTIVITIES AND EVENTS: Tailgate Safety Brief. All personnel were observed wearing proper PPE. Team hydrated and performed all tasks in a safe manner. **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 sun and clouds with gusty winds. High near 60F. Winds WNW@20-30mph**	**IMPORTANT TELEPHONE CALLS:** **NONE**	
PERSONNEL ON SITE: See Tailgate Safety Briefing/Training Record		
SIGNATURE: Syd Rodgers	**DATE**: 4/8/13	

TETRA TECH

MRP FF.22
DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: MEC Inspection, Beaumont, CA

Site(s):

1. Briefing(s) Given By:	Name	Signature	Position
	Syd Rodgers		SUXOS/Safety Officer
Date:4/8/13	Time: 07:00	Team #: N/A	

2. Reason for Briefing:

___ Initial Safety Briefing	___ New Site Procedure:_____
_x_ Daily Safety Briefing	___ New Site Information:_____
___ New Task Briefing:_____	___ Review of Site Information
___ Periodic Safety Meeting	___ Other: (Specify)_____

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

☐ Site Preparation (incl. mobilization)	x Detector Aided Survey	☐ MPPEH Management (Inspection)
☐ Site Survey	☐ Target Acquisition	☐ MPPEH Management (Cert.)
☐ Vegetation Management	manual Intrusive Operations	☐ MPPEH Management (Disposal)
☐ GPS Positional Data	☐ Donor Explosives Handling	☒ Demobilization
☐ IVS	☐ MEC Management (Treatment)	☐ Other:

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

___ Site Safety Personnel	___ Decontamination Procedures
_x__ Site/Work Area Description	___ Emergency Response/Equipment
___ Physical Hazards	_x_ On-Site Injuries/Illness
___ Chemical/Biological Hazards	___ Reporting Procedures
___ Heat/Cold Stress	_x_ Directions to Medical Facility
___ Work/Support Zones	___ Drug and Alcohol Policies
_x__ PPE	___ Medical Monitoring
_x_ Safe Work Practices	___ Evacuation/Egress Procedures
___ Air Monitoring	_x_ Communications
__ Task Training	___ Confined Spaces
___ OE Precautions	___ Other: (Snake Chaps)(Prep for Demob)

5. Remarks:
Mix of clouds and sun with gusty winds. High around 60F. Winds WNW@20--30mph

6. Personnel Attending

Name	Signature	Position
Mark Ladd		Team Leader
Nick Brantley		UXO Tech II
Tye Turner		UXO Tech I

APPENDIX B - MDAS DISPOSAL RECORDS

TIMBERLINE Environmental Services

Certificate of Destruction

Releasing Generator Tetra Tech - Beaumont

Gross Weight 56 lbs

[I certify that the items/assets listed were demilitarized in accordance with guidelines in DoD 4160.21-M-1 and have been smelted or shredded and are only identifiable by their basic content.]

COD # 080213-1 *Date* 08/02/13

Name Terry Northcutt *Title* President

Signature _____

TES Inc. 29925 Hwy 108, Cold Springs, CA 95335 209-965-2115 caoffice@timberlineenv.com

DEMILITARIZATION CHAIN OF CUSTODY CERTIFICATION
FOR UXO/OE SCRAP

Date: April 9 2013

1. Releasing Generators (RG) Name and Mailing Address	1a. RG's Phone No.	2. RG's Site Manager
Tetra Tech, 2171 West Park Ct., Stone Mountain GA 30087	909-381-1674 770-413-0965	Chris Patrick Norm Piper
3. Releasing Generators (RG) Project Name and Location	**3a. RG Project Phone No**	**4. RG's SUXOS**
Lockheed Martin Site 1, Beaumont, CA.	Chris Patrick-POC 909-381-1674	Syd Rodgers
5. Transportation Company	**5a. Transporter Phone No**	**6. Transporter Name**
7. Demil Processor	**7a. Demil Processor Phone No**	**8. Demil Processor Manager**
Timberline Environmental Services 29925 Hwy 108, Cold Springs, CA 95335	209-965-3118	Terry Northcutt

9. # Of Containers	10. Seal No.'s		11. Estimated Weight	11a. Actual Weight
(1) 55 gal. drum	Lock-Brinks-1		100 lbs.	

12. Freight Classification Nomenclature	13. Item Nomenclature
Ordnance Related Scrap	See attached MDAS Addition form

14. Material Released to the Transporter By RG's Site Manager

"This certifies that the material listed here has been 100% properly inspected and has been certified and verified by UXO Tech III as safe and free of explosive hazards."

Print/Type Name	Signature	Time and Date
Syd Rodgers - SUXOS		4/9/2013

15. Received for Transport By (Receiving Signature Verifies that Seals are Intact)

Print/Type Name	Signature	Time and Date

RECEIVED BY	# of Containers/Weight	Date
		7/18/13

17. Material

"I certify that the materials listed here have been demilitarized/destroyed so as to no longer resemble AEDA/ordnance beyond DOD requirements 4160.21 M.1"

Print/Type Name	Signature	Date
TES		8/5/13

18. Material Recycled in Accordance with DOD Guidelines

Shipped By: Print/Type Name	Recycling Facility	Date

19. Documents sent to RG

Print/Type Name	Documents	Month/Day/Year
		/ /

20. Discrepancies

8-12-04 Rev 1

DD FORM 1348-1A, JUL 91 (EG) ISSUE RELEASE/RECEIPT DOCUMENT

PREVIOUS EDITION MAY BE USED

DOC	IDENT	RI FROM	M&S	UNIT	ISS	QUANTITY	REMA R	SUPPLE-MENTARY ADDRESS	SIG	FUND	DIS-TRI-BU-TION	PROJ-ECT	PRI	REQD	DEL DATE	ADV	R	O/P	CONO	MGT	UNIT PRICE DOLLARS	UNIT PRICE CTS	TOTAL PRICE DOLLARS	TOTAL PRICE CTS
		DM	1																					

2. SHIP FROM	3. SHIP TO
Lockheed Martin Site 1 Beaumont CA	Timberline Environmental Services

4. MARK FOR

5 DOC DATE	6 NMFC	7 FRT RATE	8 TYPE CARGO	9 PS

10 QTY RECD	11 UP	12 UNIT WEIGHT	13 UNIT CUBE	14 UFC	15 SL
		Approx. 100 lbs			

16 FREIGHT CLASSIFICATION NOMENCLATURE

17 ITEM NOMENCLATURE

18 INCONT	19 NO CONT	20 TOTAL WEIGHT	21 TOTAL CUBE
		Approx. 100lbs	

22 RECEIVED BY	23 DATE RECEIVED
	7/18/13

24 DOCUMENT NUMBER & SUFFIX (30-44)

25 NATIONAL STOCK NO. & ADD (6-22)

26 RIC (4-6)
UI (23-24)
QTY (25-29)
CON CODE (71)
DIST (55-58)
UP (74-80)

27 ADDITIONAL DATA

"The material listed on this form has been inspected or processed by DDESB-approved means, as required by DOD policy, and to the best of my knowledge and belief does not pose an explosive hazard"

Inspected by: Mark Ladd
PH: 918-619-2608

Certified by: Syd Rodgers
PH: 505-459-3466

SEE ATTACHED LIST FOR INVENTORY

Reset

Adobe Designer 7.0

Tetra Tech
MRP FF.13
MDAS Addition Form

Facility/Location: Lockheed Martin Beaumont Site(s): Site 1 area's A, B, D, & H

Container # 001 **Seal/Key #** Lock-BRINKS

NO.	Description/NIIN	Quantity	Item No.*	Type of Treatment*
1	20 mm TP	1		
2	40 mm Alum Practice	1		
3	Rocket Motor Base Unknown	1		
4	Misc Base components (small)	6		
5	Misc Penitrator	1		
6	CADS	34		
7				
8				
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NO FURTHER ENTRIES THIS PAGE

Tetra Tech
MRP FF.13
MDAS Addition Form

Facility/Location: Lockheed Martin Beaumont Site(s): Site 1 area's A, B, D, & H

Container # 001 Seal/Key # LOCK BRINKS

31	NO ITEMS THIS PAGE			
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				

* If applicable.

"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): **Syd Rogers**

SIGNATURE Syd Rogers DATE 8 Apr 13

POSITION: **Senior Unexploded Ordnance Supervisor**

ORGANIZATION NAME: **Tetra Tech NUS**

ORGANIZATION ADDRESS: **2171 W. Park Ct. Ste E, Stone Mountain GA 30087**

ORGANIZATION PHONE NUMBER: **770-413-0965**

VERIFIER: (PRINTED NAME): **Mark Ladd**

SIGNATURE DATE 8 Apr 13

POSITION: **Unexploded Ordnance Safety Officer/Quality Control Specialist**

ORGANIZATION NAME: **Tetra Tech NUS**

ORGANIZATION ADDRESS: **2171 W. Park Ct. Ste E, Stone Mountain GA 30087**

ORGANIZATION PHONE NUMBER: **770-413-0965**

From (909) 381-1674
Christopher Patrick
TeamTech
550 E. Commercial Road Suite 105

SAN BERNARDINO, CA 92408

FedEx Ground

Ship Date: 10JUL13
ActWgt: 57.0 LB
CAD: 100007588/NET3370

Invoice #
Reference #
PO #
Dept #
Ship ID

SHIP TO: (209) 965-3118
Terry Northcutt
Timberline Environmental Services

29625 Highway 108

Cold Springs, CA 95335

(9612019) 2832484 10000006

GND 019 1 of 1

Prepaid

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