

SOUTHWESTNAVFACENGCOM
Code 06CC.GB
1220 Pacific Highway
San Diego, CA 92132
Telephone: (619) 532-0791

M60050.002758
MCAS EL TORO
SSIC #5090.3

File: site1mtng-handts.doc

TRANSMITTAL

Date: 10 Jan. 2002

From: Gordon Brown

To: Patricia Hannon
California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, CA 92501-3339

Subj: Kickoff Meeting handouts for the Ordnance and Explosives Range Evaluation at Marine Corps Air Station, El Toro

Transmitted for your information are the handouts, with some notations, and attendance list that were distributed during the Kickoff Meeting for the Site 1 Ordnance and Explosives Range Evaluation held on Jan. 8, 2002.

As a result of the meeting a few changes have been initiated. Regulators have stop work authority for any unsafe practices they see being conducted. The FBI will be added to the notification list for Blast In Place (BIP) events, should there be any. Sensitivity to the breeding season of the California Knatcatcher was re-emphasized, noting that the most obtrusive operations in the immediate area of the habitat should be completed by mid February 2002.

Given your existing concurrence, and the level of interest over Site 1, you are more than likely very familiar with the proposed process. However, if you should have any questions or concerns, feel free to call them to our attention.

Attachment

CF: w/atch

Triss Chesney (DTSC) without attachments

Nicole Moutoux (EPA Region IX) with copy of attendance sheet only

Dean Gould (SWDIV) without attachments

Content Arnold (SWDIV) without attachments

Project File (MCAS El Toro)

Patricia Hannon - No
Nicole - yes (Via phone)
Triss Chesney - yes

**AGENDA
KICK-OFF MEETING
FIELD INVESTIGATION ACTIVITIES
SITE 1-EOD RANGE, MCAS EL TORO
JANUARY 8, 2002**

Introductions

- Southwest Division Naval Facilities Engineering Command representatives
- Earth Tech representatives
- BCT representatives
- Other Agencies

Meeting Topics

- Overview of Field Activities
 - RI
 - OE characterization
- Detonation Notification Requirements
 - Caretakers – Sheriff's Department
 - Orange County Fire Prevention Office
 - FAA

- Site Access Requirements
- Coordination with FBI

{ We have extended an invitation to attend, but are not sure if they will accept.

- Staging Area
 - Concrete Pad
 - Storage Container
 - On-site OE Consolidation & Detonation
- Biological Monitoring Requirements
 - USFWS Coordination
 - Intrusive Investigation Areas Clearance
- Implementation Schedule
- Coordination between SWDIV and Earth Tech

**Field Activities Schedule
Phase II Remedial Investigation
IRP Site 1, MCAS El Toro**

*1st wk. is Surface
2nd wk will be subsurface.*

72M2 RI

Task Name	Duration	2002									
		12/23	12/30	1/6	1/13	1/20	1/27	2/3	2/10	2/17	
Task 1 - Remedial Investigation (RI)	18 days										
Locate/GPS Survey of Sampling Locations	3 days		1/2/02	1/4/02							
Groundwater Sampling	7 days			1/7/02	1/15/02						
Installation of Dedicated Pumps (3 wells)	4 days			1/9/02	1/14/02						
Direct Push Soil Sampling	10 days				1/14/02	1/25/02					
Task 2 - OE Characterization	26 days										
Mobilization/Set-up	12 days			1/7/02	1/22/02						
Geophysical Survey (Perimeter and Radials)	11 days				1/21/02	2/4/02					
Surface Sweep Surveys	4 days					1/24/02	1/29/02				
Subsurface OE Investigation (Trenching/Potholing/BIP/Soil Sampling)	8 days					1/30/02	2/8/02				
Detonate Safe-to-move OE	2 days						2/8/02	2/11/02			

Tier III^(Enviro Assessment) is not indicated and will be contingent upon what is encountered in Tiers I + II.

Field Work - Ordnance Explosives Investigation
Site 1-EOD Range, MCAS El Toro
January - April, 2002
Information List

<u>Organization/Designation/Service</u>	<u>Contact</u>	<u>Phone</u>
EMERGENCY (911)	Orange County Emergency Dispatch	714-726-3917
Emergent Medical Care	Irvine Medical Center	714-753-2000
Routine Medical Care	Saddleback Family Care	949-770-1023
Sheriff	Orange County Sheriff's Department	714-726-3917
Fire/Explosive Use Permitting	Orange County Fire Prevention Office	949-362-0505
MCAS El Toro Caretaker Office	Scott Kehe	949-726-2506 (FAX) 949-726-6586
Navy Southwest Division	Gordon Brown (RPM) Content Arnold (Lead RPM) Dean Gould (BCM/BEC)	619-532-0791 619-532-0790 619-532-0765
EarthTech CTO Manager	Crispin Wanyoike	562-951-2057 (cell)562-577-4893 (FAX)562-951-2086
Project Engineer	Eli Vedagiri	562-951-2042 (FAX)562-951-2087
Senior UXO Specialist Health and Safety Manager	Greg Peterson Bob Poll	909-554-5047 562-951-2242
Biological Monitoring	Dr. Jeff Lincer	619-668-0032 (cell) 619-252-2961

CTO - 72

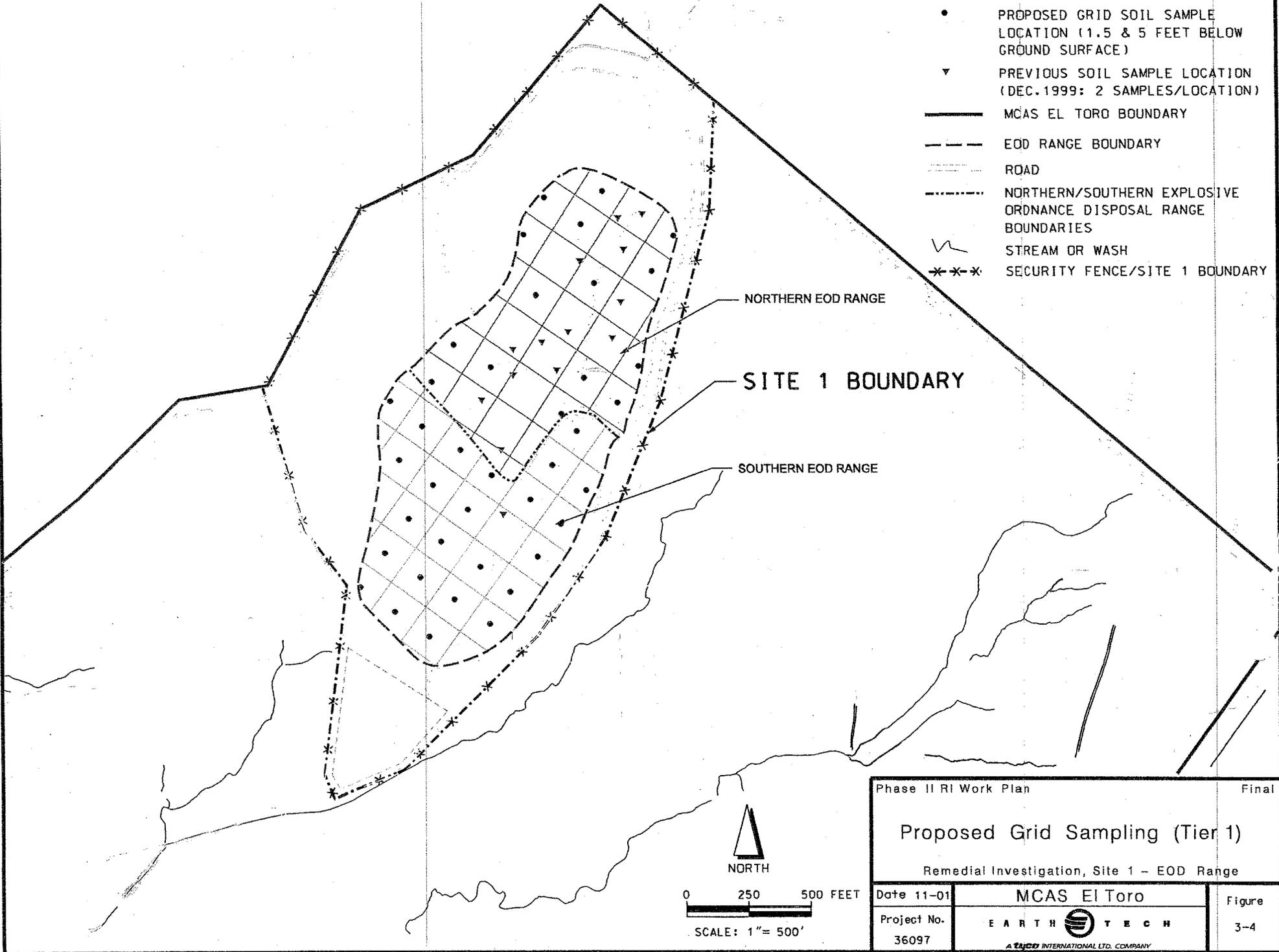
Phase II Remedial Investigation-Site 1

- Status
 - Final Work Plan (Advance copy, Interim) issued and comments/concurrence from EPA and DTSC received; awaiting comments from one additional DTSC reviewer.
 - Final Work Plan will be issued concurrent with the Final Work Plan for OE Range Evaluation that is currently undergoing public review
- Outstanding Issues
 - Schedule field work and coordinate with SWDIV/MCAS El Toro personnel

11/5/01

EXPLANATION

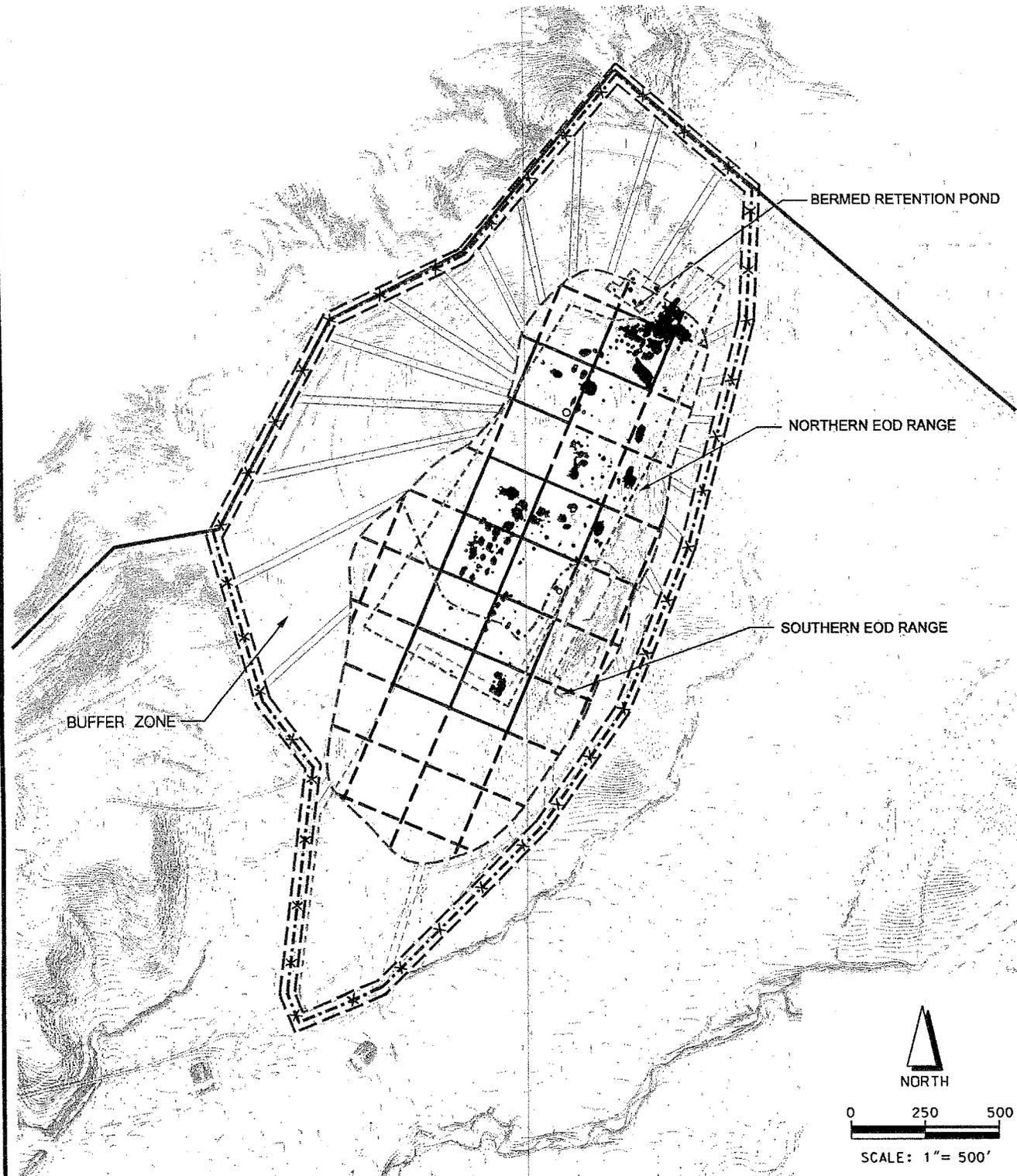
- PROPOSED GRID SOIL SAMPLE LOCATION (1.5 & 5 FEET BELOW GROUND SURFACE)
- ▼ PREVIOUS SOIL SAMPLE LOCATION (DEC. 1999: 2 SAMPLES/LOCATION)
- MCAS EL TORO BOUNDARY
- - - EOD RANGE BOUNDARY
- ROAD
- · - · - · NORTHERN/SOUTHERN EXPLOSIVE ORDNANCE DISPOSAL RANGE BOUNDARIES
- ~ STREAM OR WASH
- * * * * SECURITY FENCE/SITE 1 BOUNDARY



3-21

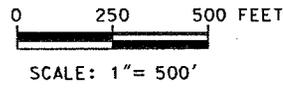
Phase II RI Work Plan		Final
Proposed Grid Sampling (Tier 1)		
Remedial Investigation, Site 1 - EOD Range		
Date 11-01	MCAS El Toro	Figure
Project No. 36097	 EARTH TECH	3-4
A TACO INTERNATIONAL LTD. COMPANY		

3-9



EXPLANATION

- MCAS EL TORO BOUNDARY
- *--* SECURITY FENCE/SITE 1 BOUNDARY
- EOD RANGE BOUNDARY
- 25' WIDE GEOPHYSICAL SURVEY RADIAL LANES (SHOWN DASHED IN AREAS COVERED BY PREVIOUS SURVEYS)
- SURFACE AND GEOPHYSICAL SURVEY PATHS INSIDE AND OUTSIDE SITE PERIMETER
- BOUNDARY OF PHASE I GEOPHYSICAL SURVEY
- BOUNDARY OF PHASE II GEOPHYSICAL SURVEY
- GEOPHYSICAL ANOMALY
- 1-ACRE GRID SELECTED FOR INTRUSIVE INVESTIGATION OF ALL ANOMALIES WITHIN GRID (ONLY GRIDS SHOWN WITH SOLID LINES WILL BE SAMPLED)



OE Range Evaluation Work Plan		Final
Investigation Approach		
OE Investigation, Site 1 - EOD Range		
Date 12-01	MCAS El Toro	Figure
Project No. 36097	EARTH  TECH	3-1
A TUPCO INTERNATIONAL LTD. COMPANY		