Vernal Ponds Geophysical Anomaly Investigation

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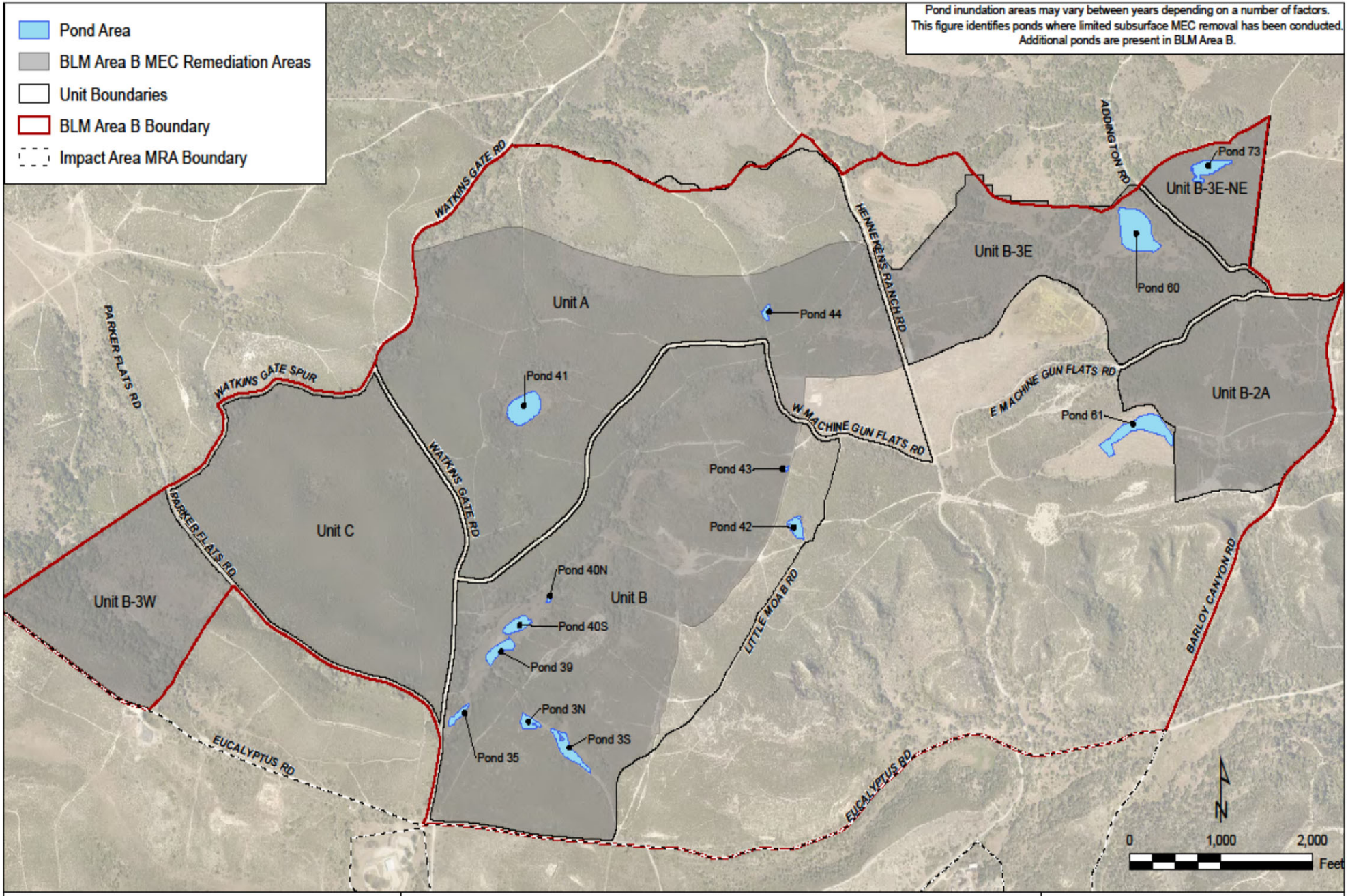

KEMRON ENVIRONMENTAL SERVICES

Gilbane

BLM Area B Track 2 Ponds
Geophysical Anomaly Investigation
Technical Information Paper
Former Fort Ord, California

Figure 2
Selected Pond Overview

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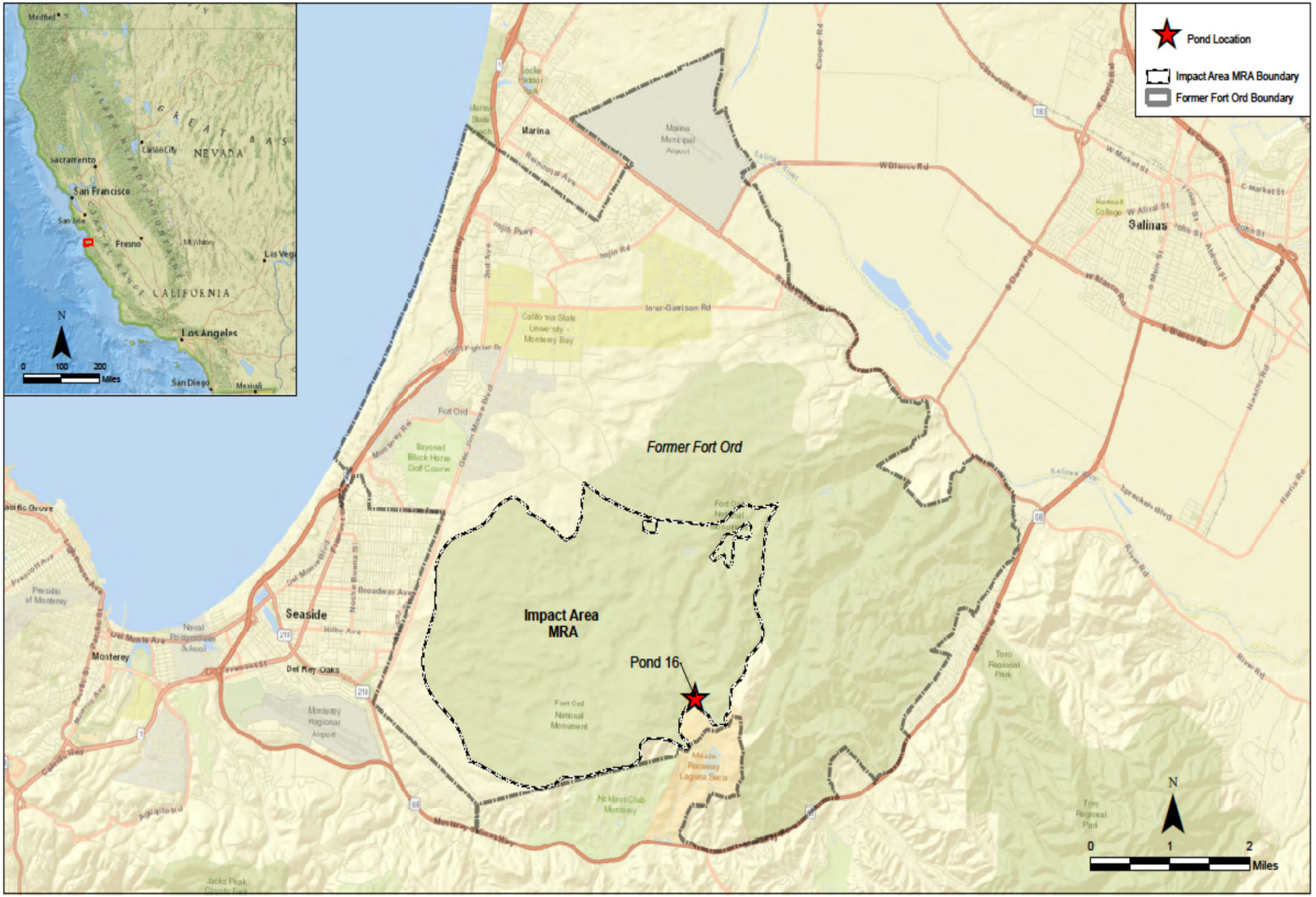

Pond 16 Track 3
Geophysical Anomaly Investigation
Technical Information Paper
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Figure 1

Location

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Anomaly Investigation Field Activities

- Anomalies removed to lessen future risk associated with entering selected ponds during biological surveys.
- Digital Geophysical Mapping surveys occurred in selected ponds using a person-portable Geometrics EM61-MK2A.
- Limited subsurface MEC removal performed utilizing the Geometrics MetalMapper 2x2 (MM2x2) to minimize impacts to the ponds by reducing quantities of TOI digs.
- In order to minimize disturbance of the confining clay layers in ponds, anomaly investigations were limited in depth (generally 18 inches) as well as quantity.

Categories of Targets of Interest

Category	Level of Investigation
Category 0 (Cannot analyze)	Target remained on dig list. These locations were checked with a handheld metal detector prior to intrusive investigation. If a signal of appropriate strength was detected, the target was dug to a depth of up to 18 inches. If no signal was detected or an insufficient signal was present, the target was identified as false positive.
Category 1 (High-confidence TOI)	Intrusively investigated (no maximum depth of investigation).
Category 2 (Inconclusive)	Targets were intrusively investigated up to a depth of 18 inches.
Category 3 (High-confidence Non-TOI)	Not investigated.

Investigation Results

Unit	Location	Date	Count	Type	Description
A	Pond 41	10/18/2018	1	UXO	signal, illumination, ground, M125 series
		10/22/2018	1	UXO	flare, surface, trip, M49 series
B-3E	Pond 60	10/17/2018	1	DMM	projectile, 40mm, high explosive, M406
13	Pond 16	10/24/2018	1	UXO	projectile, 4.2inch, mortar, HE, M329 series
		10/24/2018	1	UXO	signal, illumination, ground, M125 series

DMM: Discarded Military Munitions
HE: High Explosive
mm: millimeter
UXO: Unexploded Ordnance