

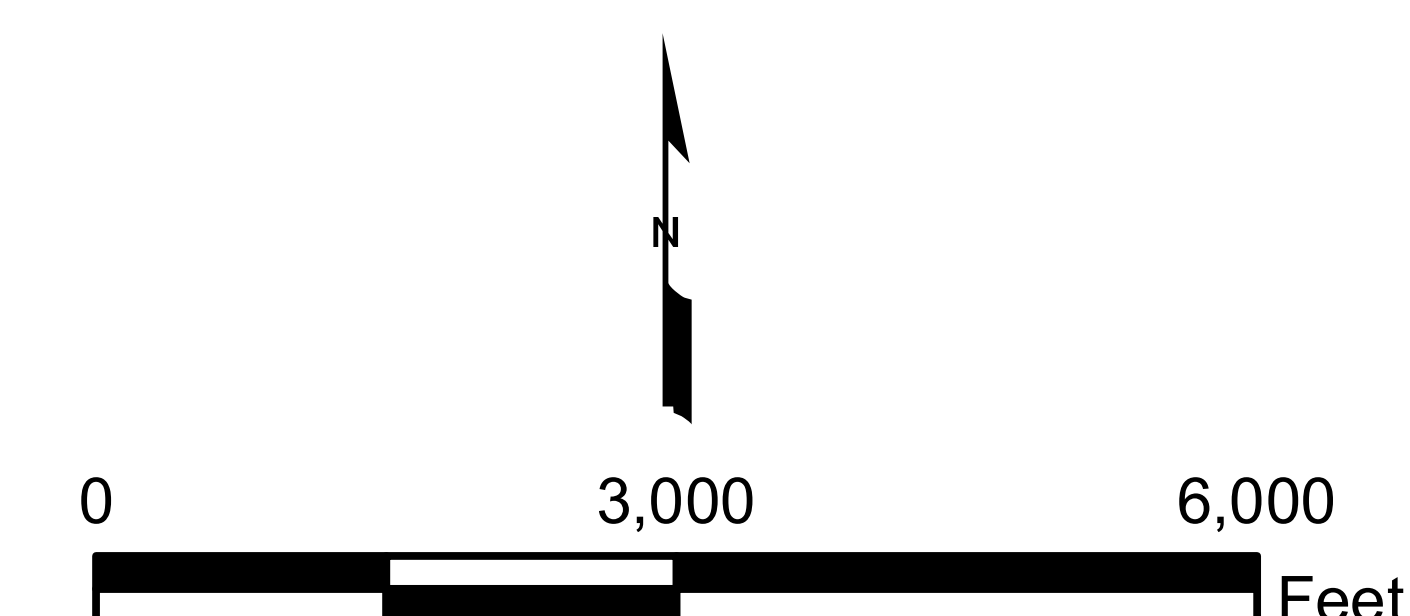
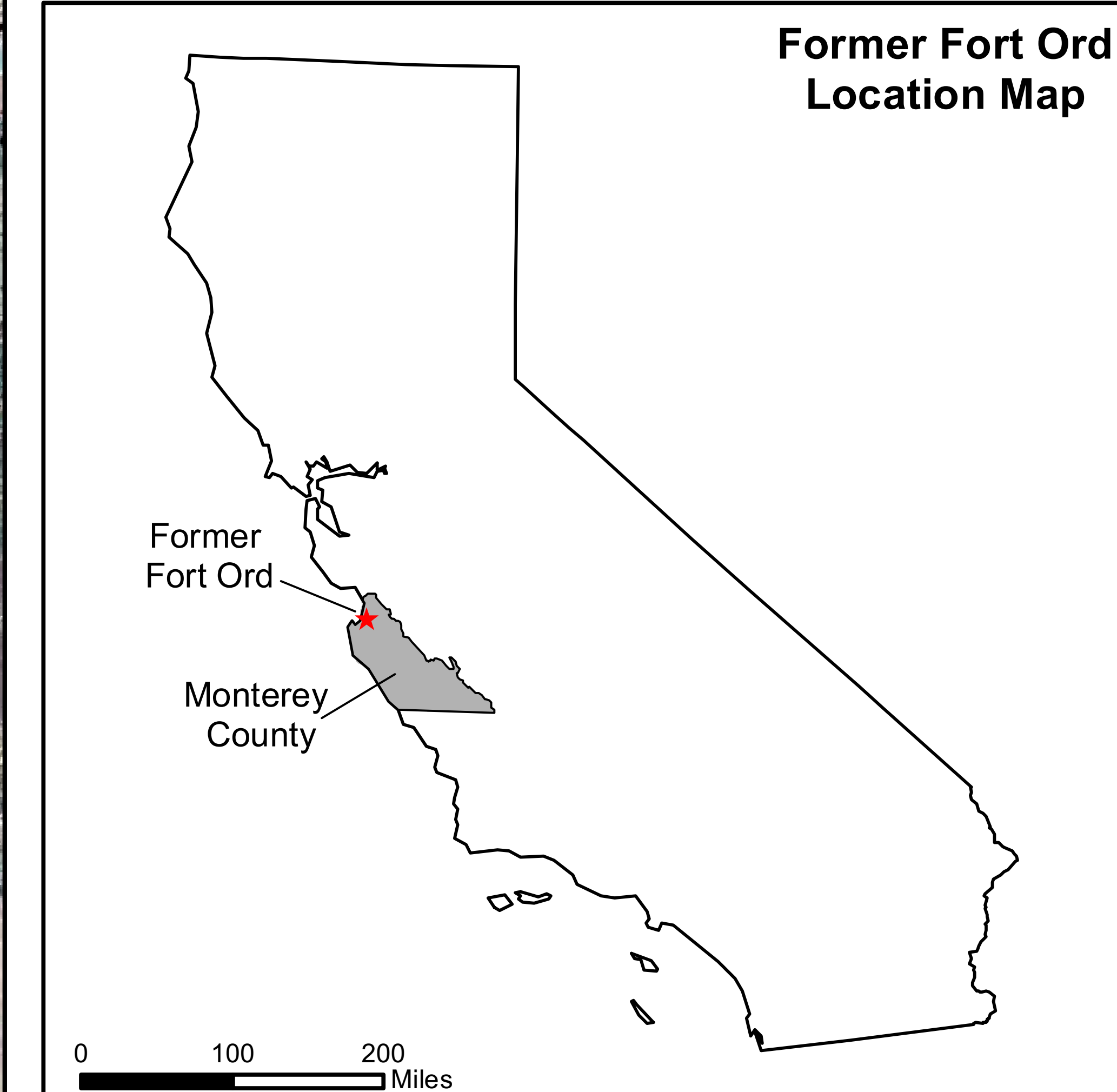
Legend

- Munitions Response Area
- Major Road
- Borderland Interface
- 100-Foot Buffer from Borderland Interface
- Former Fort Ord Boundary
- Phase I Removal Area Completed by Army

Designated Future Land Use

- Residential
- Non-Residential
- Habitat Reserve
- Habitat Corridor

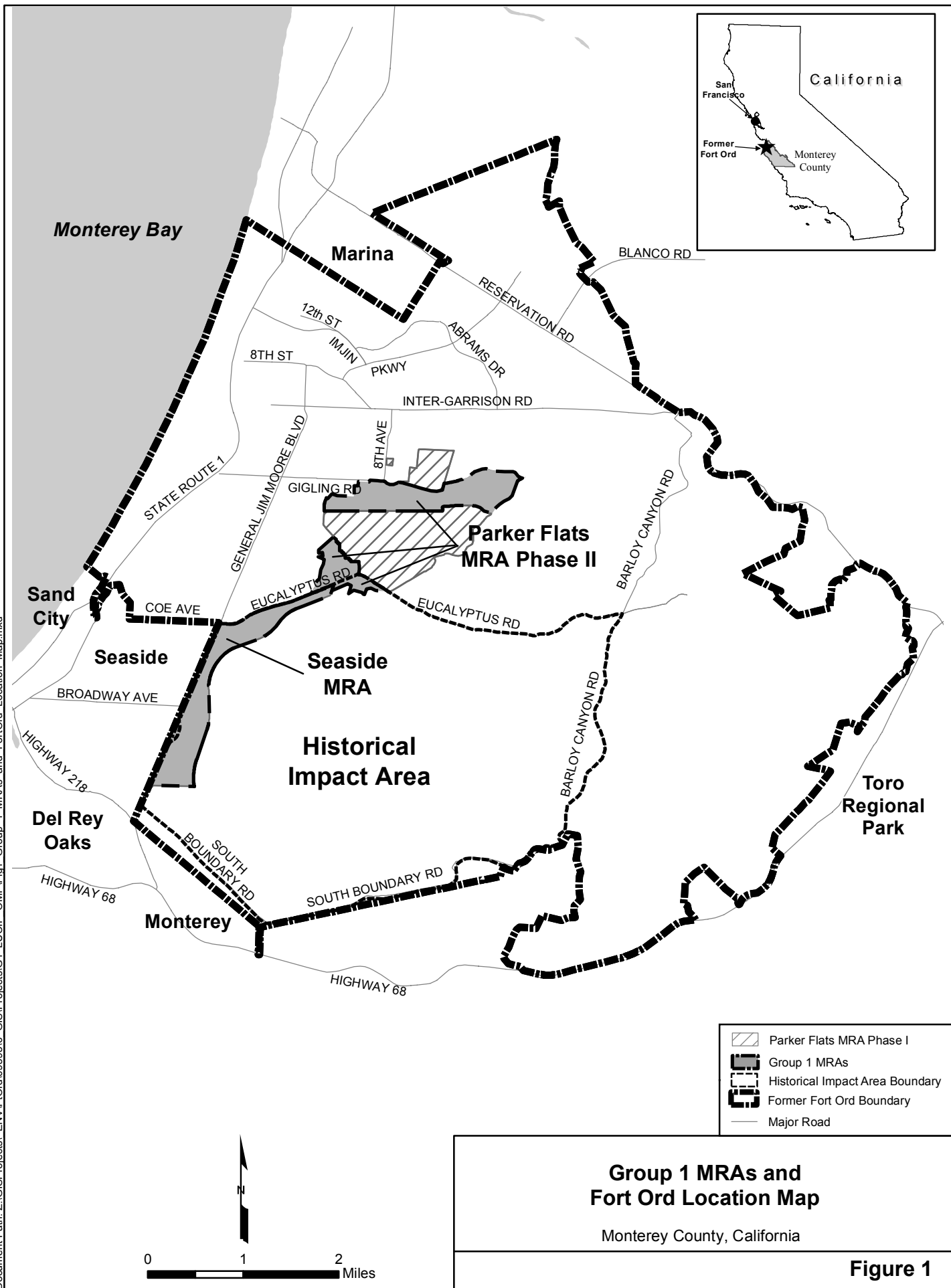
Former Fort Ord Location Map



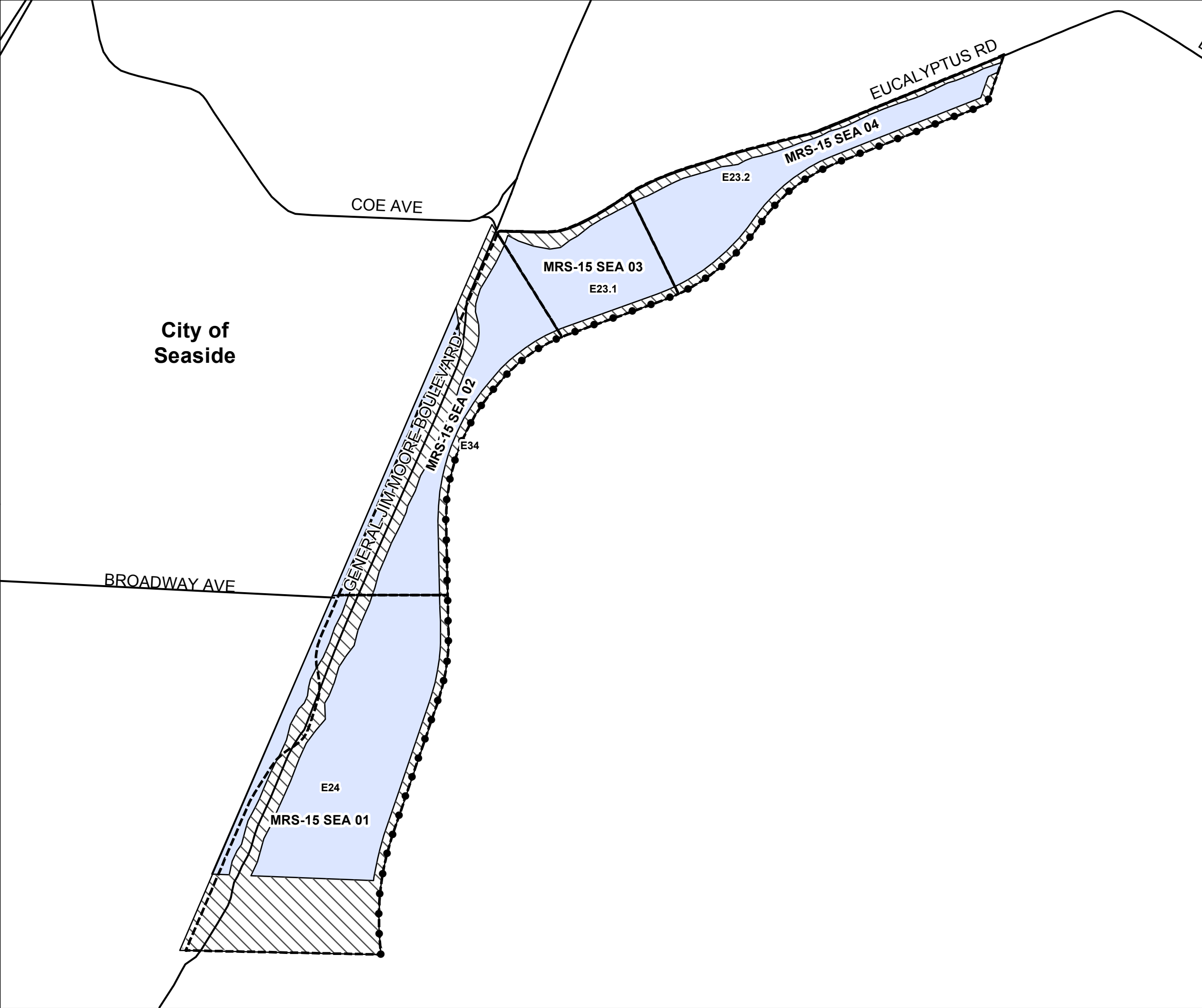
ESCA Property Designated Future Land Use

FORA ESCA RP
Monterey County, California


Document Path: Z:\GIS\Projects\ ENV\FortOrd\0959516 GIS\Projects\G1 LUCIP OMP\Fig1 Group 1 MRAs and FortOrd Location Map.mxd




Z:\GISProjects\ ENV\FortOrd\0959516 GIS\Projects\G1 LUCIP_OMP\Fig3 Group 1 Seaside MRA_Designated Future Land Use USACE Land Transfer Parcels.mxd 3/23/2018 @ 10:57:23 AM



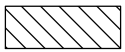
Legend



Munitons Response Site




Residential Reuse Area
(area subject to Land Use Controls including munitions recognition and safety training, and construction support)




Non-Residential Development Reuse Area
(area subject to Land Use Controls including munitions recognition and safety training, construction support, and residential use restriction)

E11b.8

USACE Parcel



Borderland Interface



Major Road

The Former Fort Ord Location Map provides a broader context of the response area within Monterey County, California. It shows the following features:

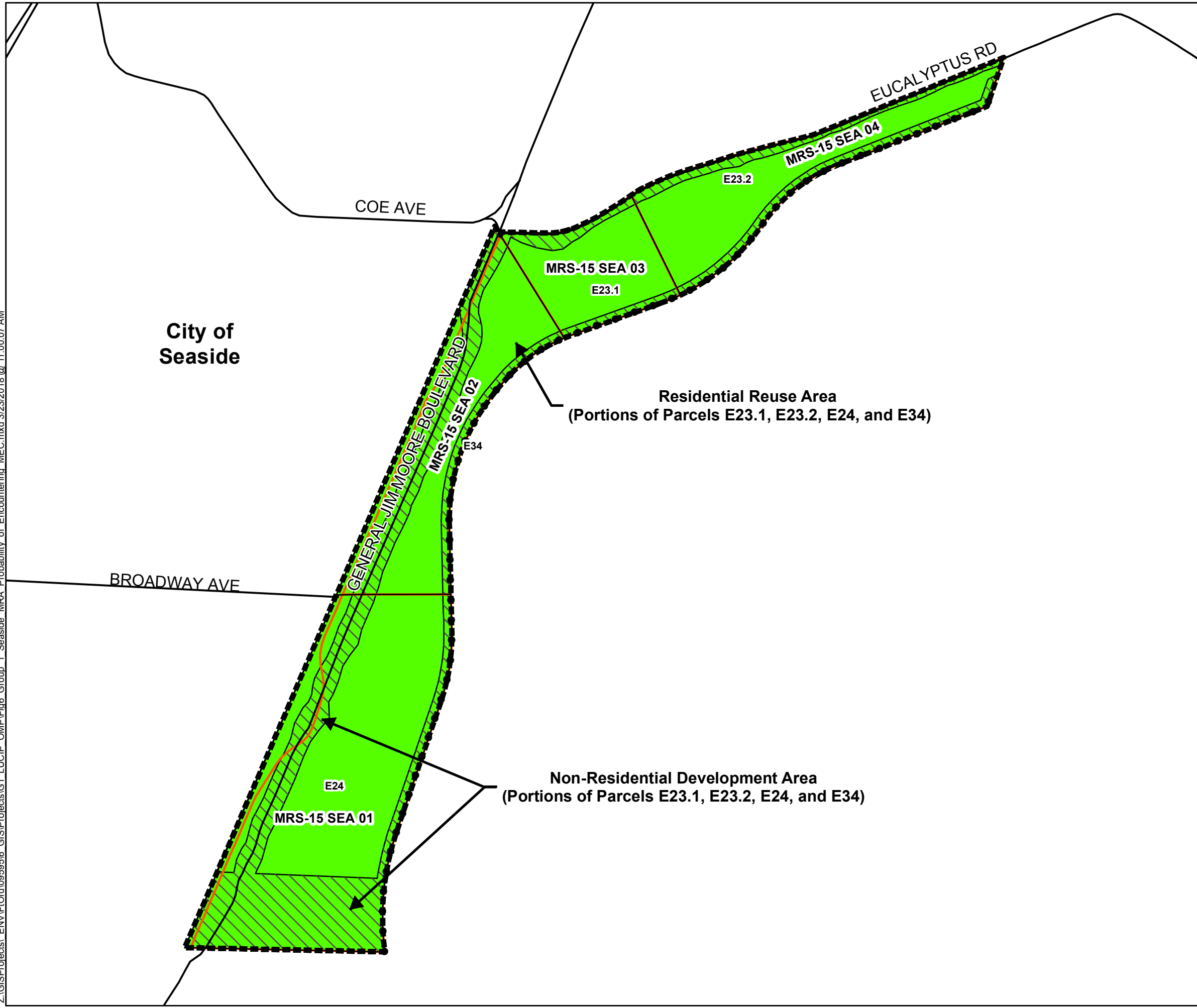
- Monterey Bay:** The body of water to the west of the response area.
- Seaside:** The city located to the west of the response area.
- Del Rey Oaks / Monterey:** The area to the south of the response area.
- Historical Impact Area:** A hatched area located within the response area.
- Interim Action Ranges:** A hatched area located within the response area.
- MOUT Site:** A site located within the response area.
- Laguna Seca Parking:** A parking area located within the response area.
- County North:** The area to the north of the response area.
- CSUMB Off-Campus:** A campus located within the response area.
- Parker Flats:** A flat area located within the response area.
- Future East Garrison:** A future garrison located within the response area.
- Marina:** A marina located within the response area.
- Scale:** A scale bar showing 0, 1, and 2 miles.
- North Arrow:** A north arrow pointing towards the top of the map.

Seaside Munitons Response Area
Designated Future Land Use and
USACE Land Transfer Parcels




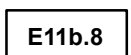
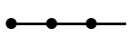

Monterey County, California

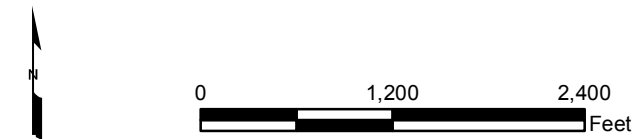
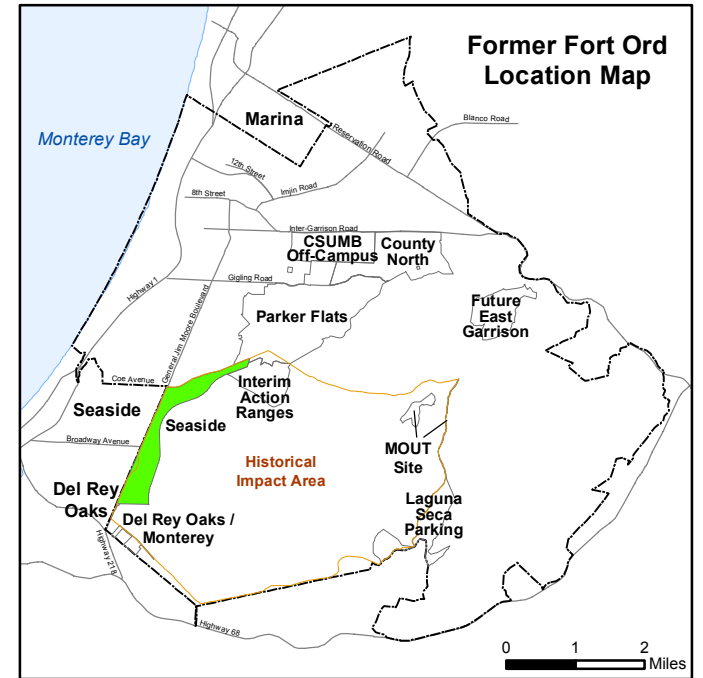
Figure 3

Z:\GISProjects\ ENV\FortOrd\0959516 GIS\Projects\G1 LUCIP_OMP\Fig6 Group 1 Seaside MRA_Probability of Encountering MEC.mxd 3/23/2018 @ 11:00:07 AM



Legend

-  Low Probability of Encountering MEC
-  Munitions Response Site
-  Seaside MRA
-  USACE Parcel
-  Borderland Interface
-  Major Road

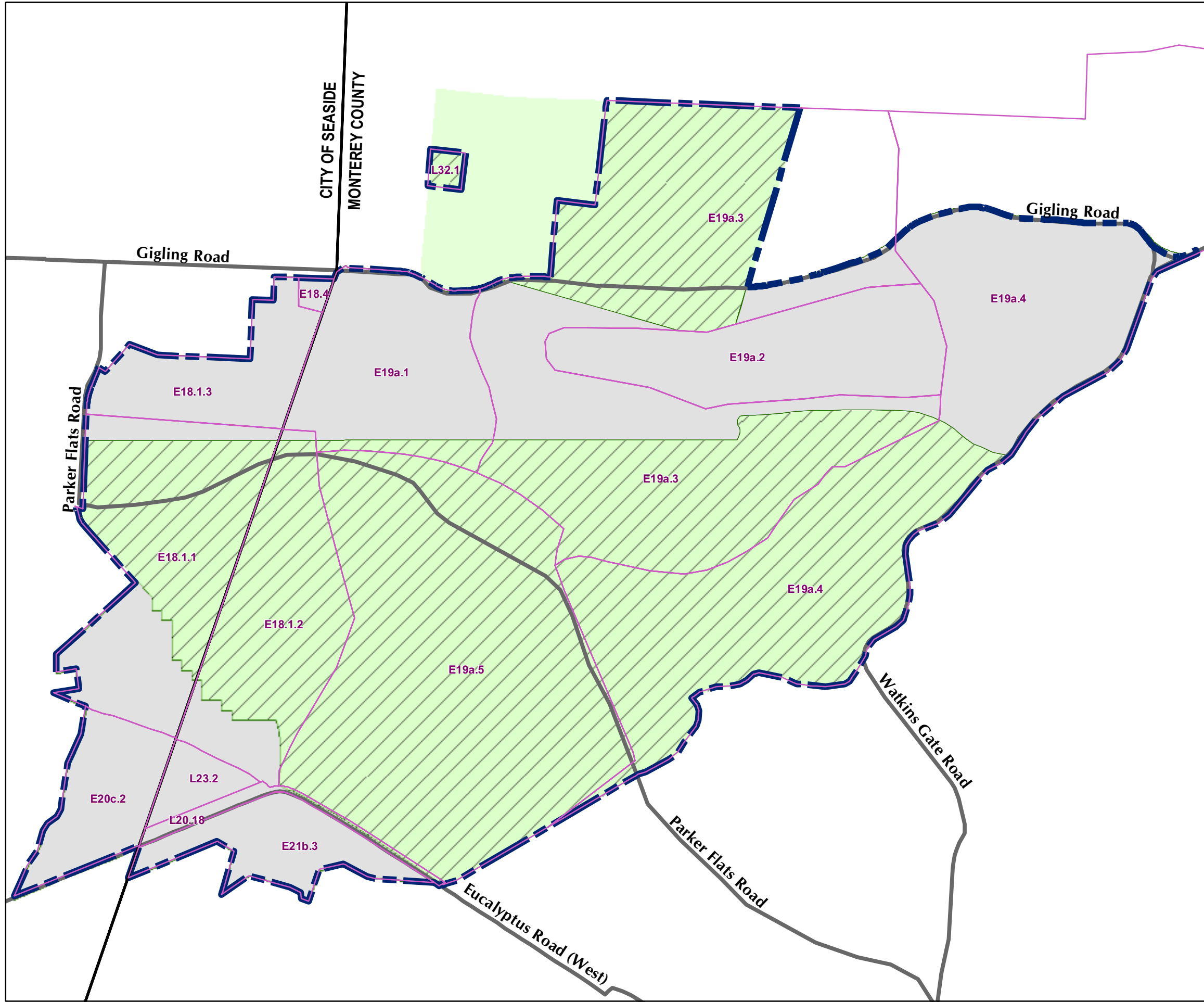


Seaside Munitions Response Area Probability of Encountering MEC

Monterey County, California

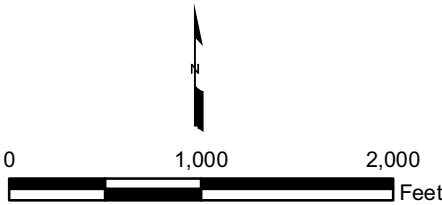
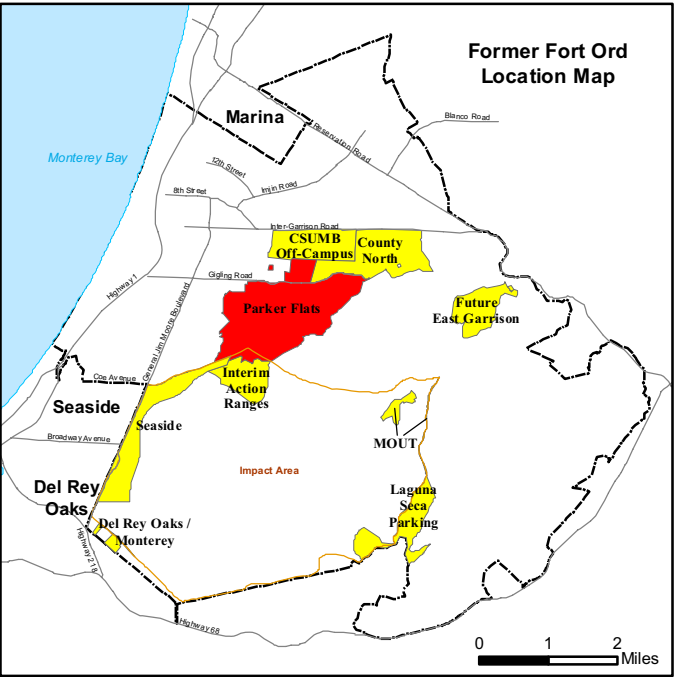
Figure 6

T:\Projects\Parker Flats\LUCI\Parker Flats MRA Phase I and Phase II USACE Parcels.mxd - 7/10/2009 @ 3:09:31 PM



Legend

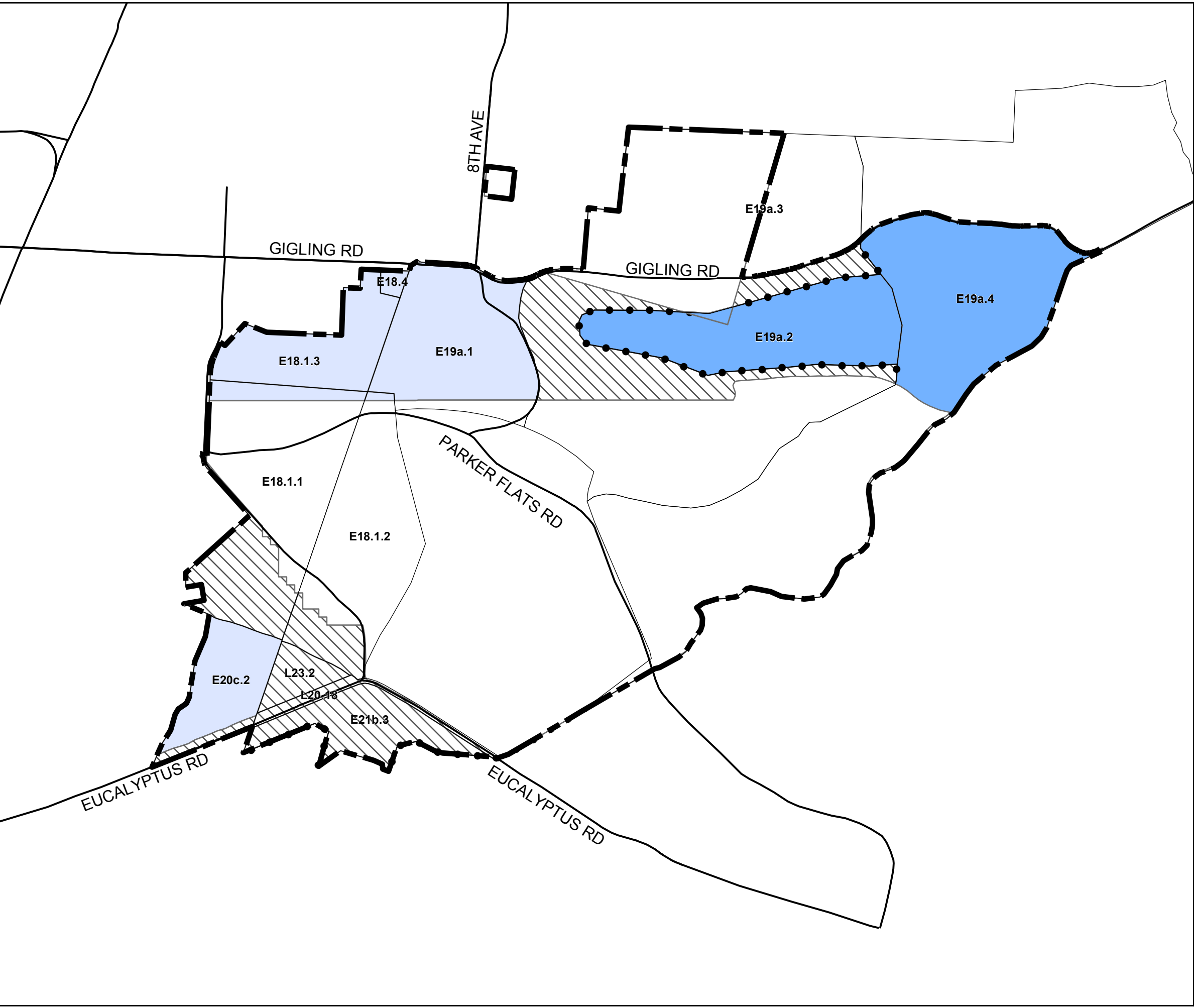
- Parker Flats MRA
- Major Road
- USACE Parcel
- Parker Flats Phase I Boundary
- Phase I Parker Flats MRA (ROD)
- Phase II Parker Flats MRA
- Portion of Parker Flats Subject to this Remedial Design/ Remedial Action Land Use Controls Implementation, and Operation and Maintenance Plan.



**Parker Flats MRA
Phase I and Phase II
USACE Transfer Parcels**
FORA ESCA RP
Monterey County, California

Figure 2

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Legend

Phase II Habitat Reserve Reuse Area
(area subject to Land Use Controls including munitions recognition and safety training, construction support, access management measures, residential use restriction, and restrictions prohibiting inconsistent use)

Phase II Residential Reuse Area
(area subject to Land Use Controls including munitions recognition and safety training, and construction support)

Phase II Non-Residential Development Reuse Area
(area subject to Land Use Controls including munitions recognition and safety training, construction support, and residential use restriction)

Parker Flats MRA

Borderland Interface

Major Road

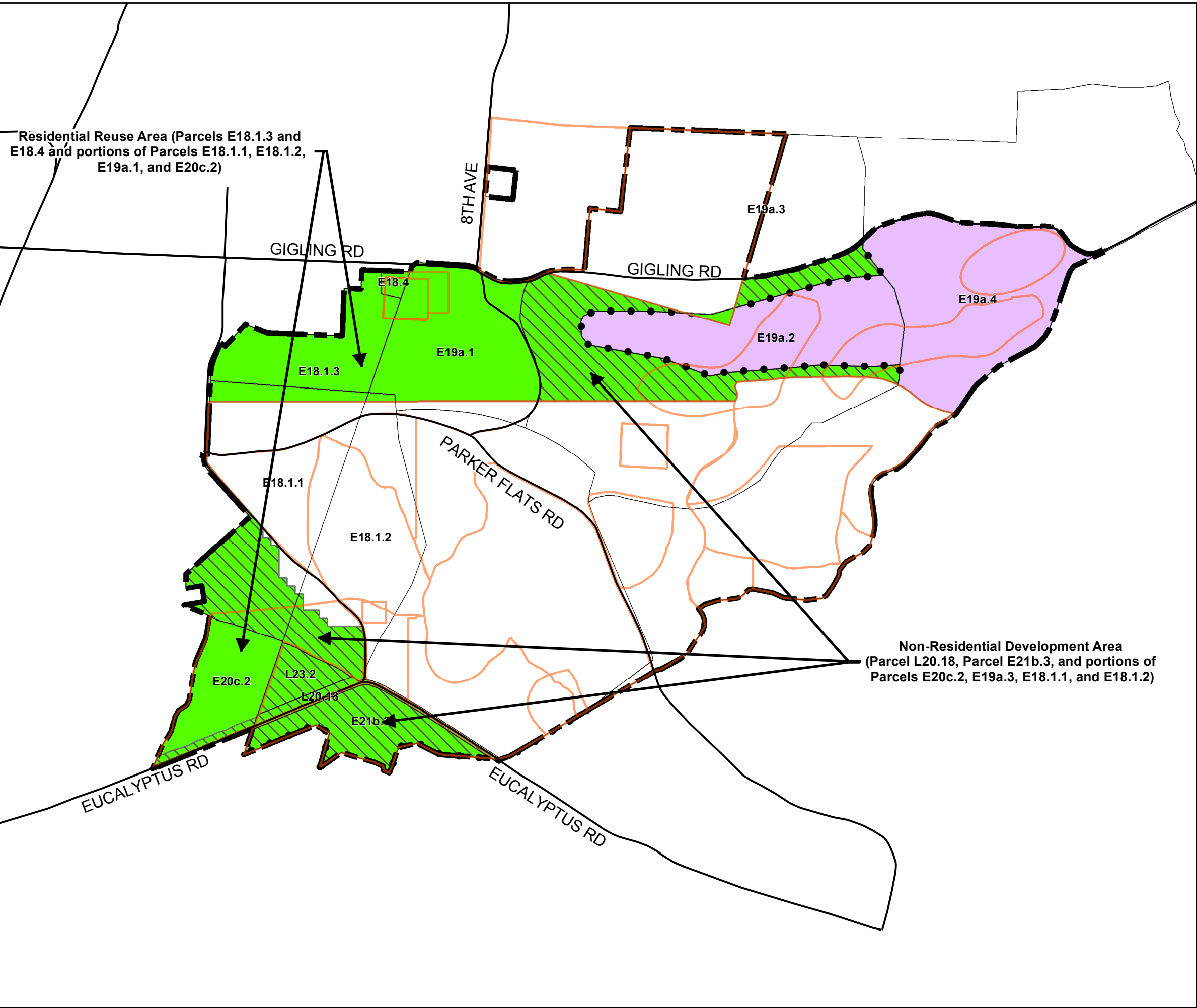
E19a.2

Phase II USACE Parcel







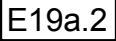
**Parker Flats Munitions Response Area
Phase II Designated Future Land Use
and USACE Land Transfer Parcels**

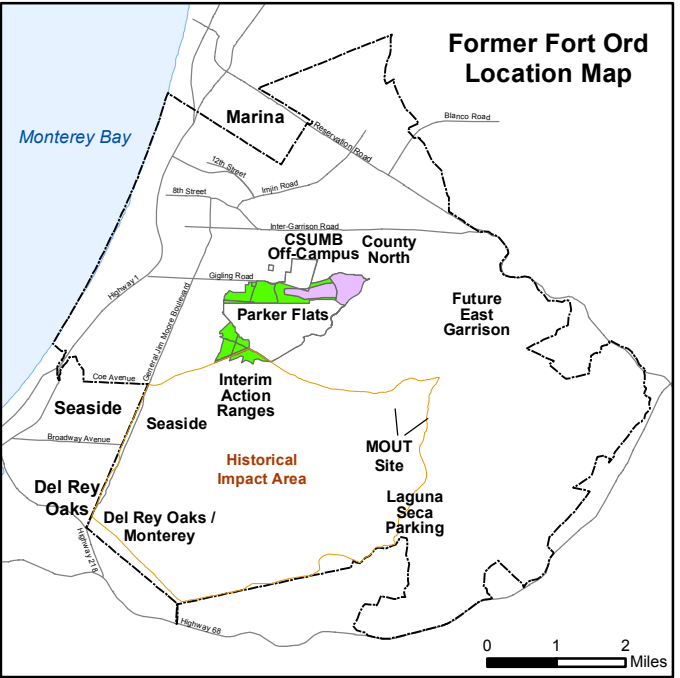
Monterey County, California

Z:\GISProjects\ ENV\Fort\0959516 GIS\Projects\G1 LUCIP_OMP\Fig7 Group 1 ParkerFlats MRA Phase II Probability of Encountering MEC.mxd 11/15/2018 @ 1:56:10 PM



Legend

-  Low Probability of Encountering MEC
-  Medium to High Probability of Encountering MEC Outside of Trails
-  Munitions Response Site
-  Parker Flats MRA
-  Borderland Interface
-  Major Road
-  Phase II USACE Parcel



Parker Flats Munitions Response Area Phase II Probability of Encountering MEC

Monterey County, California

DRAFT

Figure 7

Table 2
Current Probability of Encountering MEC by Parcel

Transfer Parcel No.	MRS Site number	Planned Reuse ²	Approx. Acreage ¹	MRS Site Name	Past Use	Investigation Status ³	Probability of Encountering MEC ⁴
Seaside MRA							
E24	MRS-15 SEA 01	Residential Development	107	Southwest-central portion of Historical Impact Area	Pre-WWII training; training maneuvers; practice hand grenade training; non-firing target range training (Old Range 22 and Range 23M); and small arms ammunition training (Ranges 21, 22, and 23)	Subsurface MEC removal completed across site, including soil scraping and sifting in the majority of SCAs and in isolated areas.	Low
		Roadway and Inland Range Buffer	76				
	Outside MRS boundary	Residential Development	11	n/a	Former alignment of General Jim Moore Boulevard. No evidence of training maneuvers.	Field verification site walk with subsurface MEC removal completed in two portions of site.	
		Roadway	5			Subsurface MEC removal completed on hillside.	
E34	MRS-15 SEA 02	Residential Development	53	West-central portion of Historical Impact Area	Pre-WWII training in southern portion of MRS; and small arms ammunition training (Ranges 19, 20, and 59)	Subsurface MEC removal completed across site, including soil scraping in the majority of SCAs and in isolated areas.	Low
		Roadway and Inland Range Buffer	33				
	Outside MRS boundary	Residential Development	8	n/a	Former alignment of General Jim Moore	RQA Process Initial Evaluation completed across site.	

Table 2
Current Probability of Encountering MEC by Parcel

Transfer Parcel No.	MRS Site number	Planned Reuse ²	Approx. Acreage ¹	MRS Site Name	Past Use	Investigation Status ³	Probability of Encountering MEC ⁴
		Roadway	2		Boulevard. No evidence of training maneuvers.	UXO construction support during roadway alignment grading activities.	
E23.1	MRS-15 SEA 03	Residential Development	40	Northwest-central portion of Historical Impact Area	Small arms ammunition training (Range 18)	Subsurface MEC removal completed across site, including soil scraping in the majority of SCAs and in isolated areas.	Low
		Non-residential Development	10				
E23.2	MRS-15 SEA 04	Residential Development	57	North-western portion of Historical Impact Area	Pre-WWII training; training maneuvers; practice hand grenade training; small arms ammunition training (Ranges 18 and 46); mortar and anti-tank training (Range 48); and mine and booby trap training (Range 50)	Subsurface MEC removal completed across site, including soil scraping and sifting in the majority of SCAs and in isolated areas. UXO construction support during roadway alignment grading activities.	Low
		Roadway and Inland Range Buffer	22				
Parker Flats MRA Phase II							
E18.1.1	MRS-44 EDC	Cemetery	5	EDC Area abutting north-central portion of Historical Impact Area	Training maneuvers; projectile training	Subsurface MEC removal completed across site.	Low

Table 2
Current Probability of Encountering MEC by Parcel

Transfer Parcel No.	MRS Site number	Planned Reuse ²	Approx. Acreage ¹	MRS Site Name	Past Use	Investigation Status ³	Probability of Encountering MEC ⁴
	Outside MRS boundary	Residential Development	8	n/a	Training maneuvers; practice hand grenade training		
		Cemetery	24		Training maneuvers		
E18.1.2	MRS-44 EDC	Cemetery	10	EDC Area abutting north-central portion of Historical Impact Area	Training maneuvers; projectile training; mortar training	Subsurface MEC removal completed across site.	Low
	Outside MRS boundary	Residential Development	1	n/a	Training maneuvers; practice hand grenade training		
		Cemetery	3		Training maneuvers; mortar training; projectile training		
	MRS-04A	Residential Development	1	CBR Training Area	Training maneuvers; CBR training		
E18.1.3	Outside MRS boundary		39	n/a	Training maneuvers; practice hand grenade training	Subsurface MEC removal completed across site.	Low

Table 2
Current Probability of Encountering MEC by Parcel

Transfer Parcel No.	MRS Site number	Planned Reuse ²	Approx. Acreage ¹	MRS Site Name	Past Use	Investigation Status ³	Probability of Encountering MEC ⁴
E18.4	MRS-04A	Residential Development	2	CBR Training Area	Training maneuvers; CBR training	Subsurface MEC removal completed across site.	Low
E19a.1	MRS-04A / MRS-04A EXP	Residential Development	3	CBR Training Area	Training maneuvers; CBR training	Subsurface MEC removal completed across site.	Low
	Outside MRS boundary		62	n/a	Training maneuvers; practice hand grenade training; mortar training using practice mortars and inert training mortars		
E19a.2	MRS-27A	Habitat Reserve with Equestrian Access	15	Training Site 1	Training maneuvers; practice hand grenade training	Subsurface MEC removal completed in unpaved roads, trails, and 5-foot buffer along sides of trails. Instrument-aided surface and near-surface MEC removal in remaining areas.	Moderate to High in areas outside of trails and adjacent to trails
	MRS-27B		8	Training Site 2			
	MRS-13B		1.1	Practice Mortar Range			
	Outside MRS boundary		48	n/a			

Table 2
Current Probability of Encountering MEC by Parcel

Transfer Parcel No.	MRS Site number	Planned Reuse ²	Approx. Acreage ¹	MRS Site Name	Past Use	Investigation Status ³	Probability of Encountering MEC ⁴
E19a.3	MRS-27A	Non-residential Development	12	Training Site 1	Training maneuvers; practice hand grenade training	Subsurface MEC removal completed across site.	Low
	Outside MRS boundary		57	n/a	Training maneuvers; practice hand grenade training; mortar training using practice mortars and inert training mortars		
E19a.4	MRS-27B	Habitat Reserve with Equestrian Access	20	Training Site 1	Training maneuvers; practice hand grenade training	Subsurface MEC removal completed in unpaved roads, trails, and 5-foot buffer along sides of trails. Instrument-aided surface and near-surface MEC removal in remaining areas.	Moderate to High in areas outside of trails and adjacent to trails
	MRS-27C		17	Training Site 3			
	Outside MRS boundary		59	n/a			
E20c.2	MRS-44 EDC	Residential Development	30	EDC Area abutting north-central portion of Historical Impact Area	Training maneuvers; projectile training	Subsurface MEC removal completed across site.	Low
		Roadway	3				

Table 2
Current Probability of Encountering MEC by Parcel

Transfer Parcel No.	MRS Site number	Planned Reuse ²	Approx. Acreage ¹	MRS Site Name	Past Use	Investigation Status ³	Probability of Encountering MEC ⁴
E21b.3	MRS-15 MOCO.2	MPC Non-residential Development	32	North-central portion of Historical Impact Area	Training maneuvers; practice hand grenade training; projectile training (training occurred over a short period of time or area was not the intended target area)	Subsurface MEC removal completed across site.	Low
L20.18	MRS-44 PBC	Roadway	5	PBC Area abutting north-central portion of Historical Impact Area	Training maneuvers; practice hand grenade training; projectile training (training occurred over a short period of time or area was not the intended target area)	Subsurface MEC removal completed across site.	Low
L23.2	MRS-44 PBC	MPC Non-residential Development	11	PBC Area abutting north-central portion of Historical Impact Area	Training maneuvers; practice hand grenade training; projectile training (training occurred over a short period of time or area was not the intended target area)	Subsurface MEC removal completed across site.	Low

Notes:

bgs = below ground surface

MEC = munitions and explosives of concern

mm = millimeter

Table 2
Current Probability of Encountering MEC by Parcel

MPC = Monterey Peninsula College

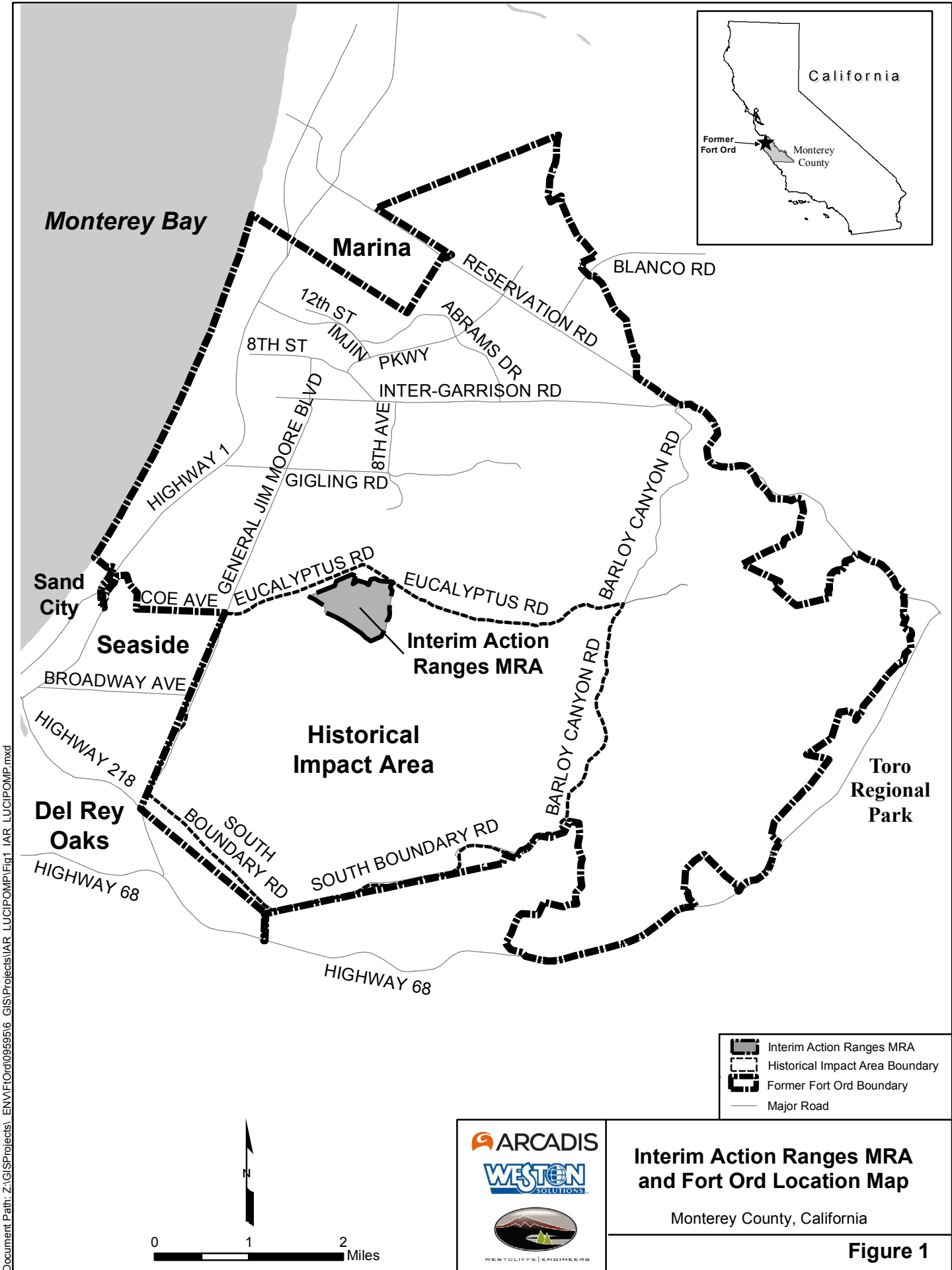
MRA = Munitions Response Area

MRS = Munitions Response Site

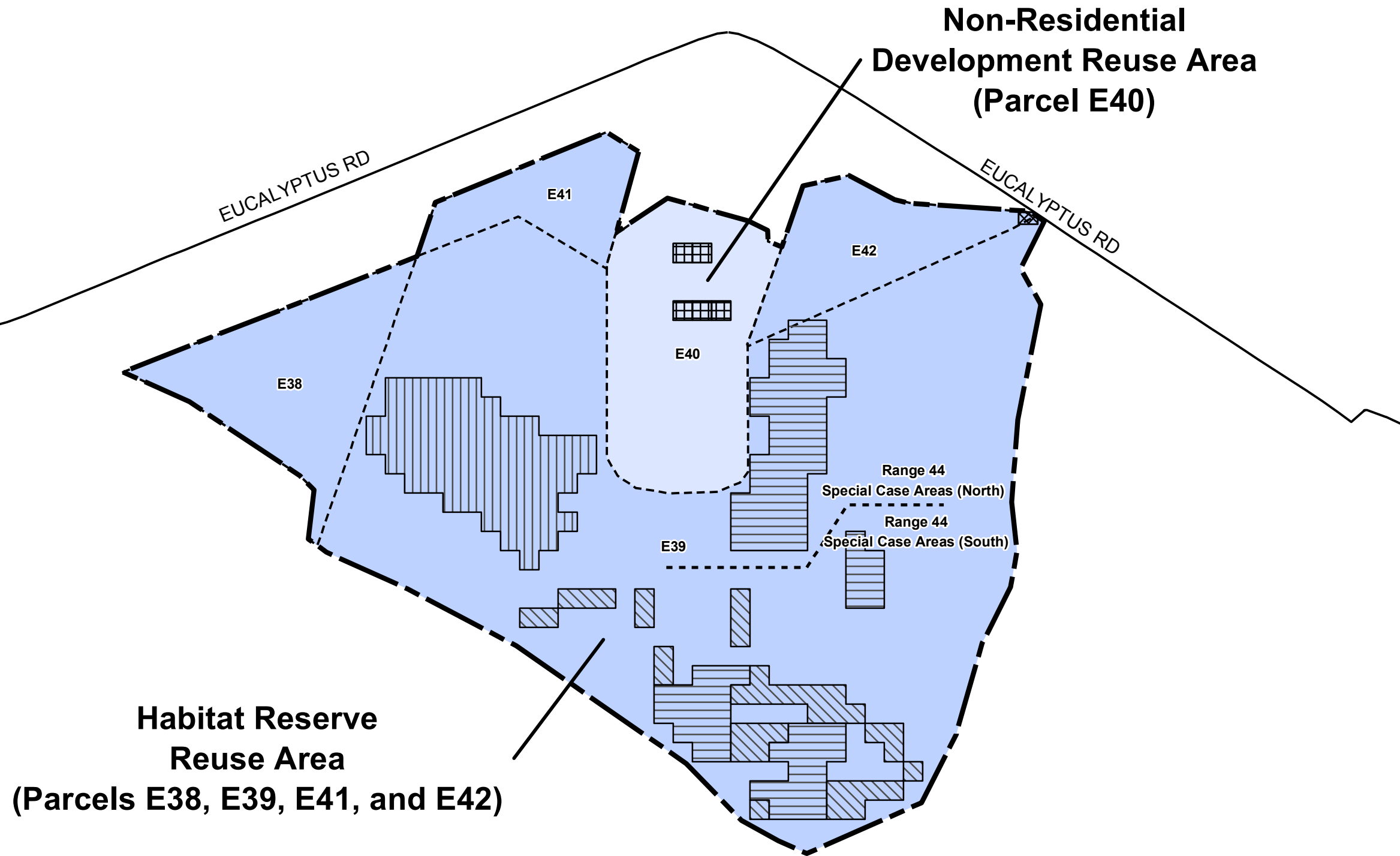
n/a = not applicable

1. Acreage stated is the portion of the Transfer Parcel with the designated probability of encountering MEC. Acreages stated are approximate and generally rounded to nearest whole acre.
2. Planned use information based on the *FORA Fort Ord Reuse Plan (FORA 1997)*. Future land use information is also included in the *Installation-Wide Habitat Management Plan for Former Fort Ord, California* ("the HMP"; USACE 1997b) and modifications to the HMP provided in *Assessment, East Garrison – Parker Flats Land Use Modifications, Fort Ord, California* (Zander 2002), and *Memorandum of Understanding Concerning the Proposed East Garrison/Parker Flats Land-Use Modification* (Army 2004).
3. All anomalies (i.e., ferromagnetic material) were investigated and all detectable MEC were removed during MEC removal actions.
4. The probability of encountering MEC is presented as general guidance: each project must be assessed for the probability of encountering MEC based on site- and project-specific information.

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Legend

Habitat Reserve Reuse Area (area subject to Land Use Controls including MEC recognition and safety training, construction support, residential use restriction, and restrictions prohibiting inconsistent use)

Non-Residential Development Reuse Area (area subject to Land Use Controls including MEC recognition and safety training, construction support, and residential use restriction)

Interim Action Ranges MRA

Range 47 Special Case Areas

Range 44 Special Case Areas

Central Area Non-Completed Areas

USACE Parcel

Major Road

Fenceline Special Case Area

Trench Special Case Area

Former Fort Ord Location Map

Monterey Bay

Marina

CSUMB Off-Campus

County North

Parker Flats

Future East Garrison

Seaside

Seaside Interim Action Ranges

Historical Impact Area

MOUT Site

Laguna Seca Parking

Del Rey Oaks

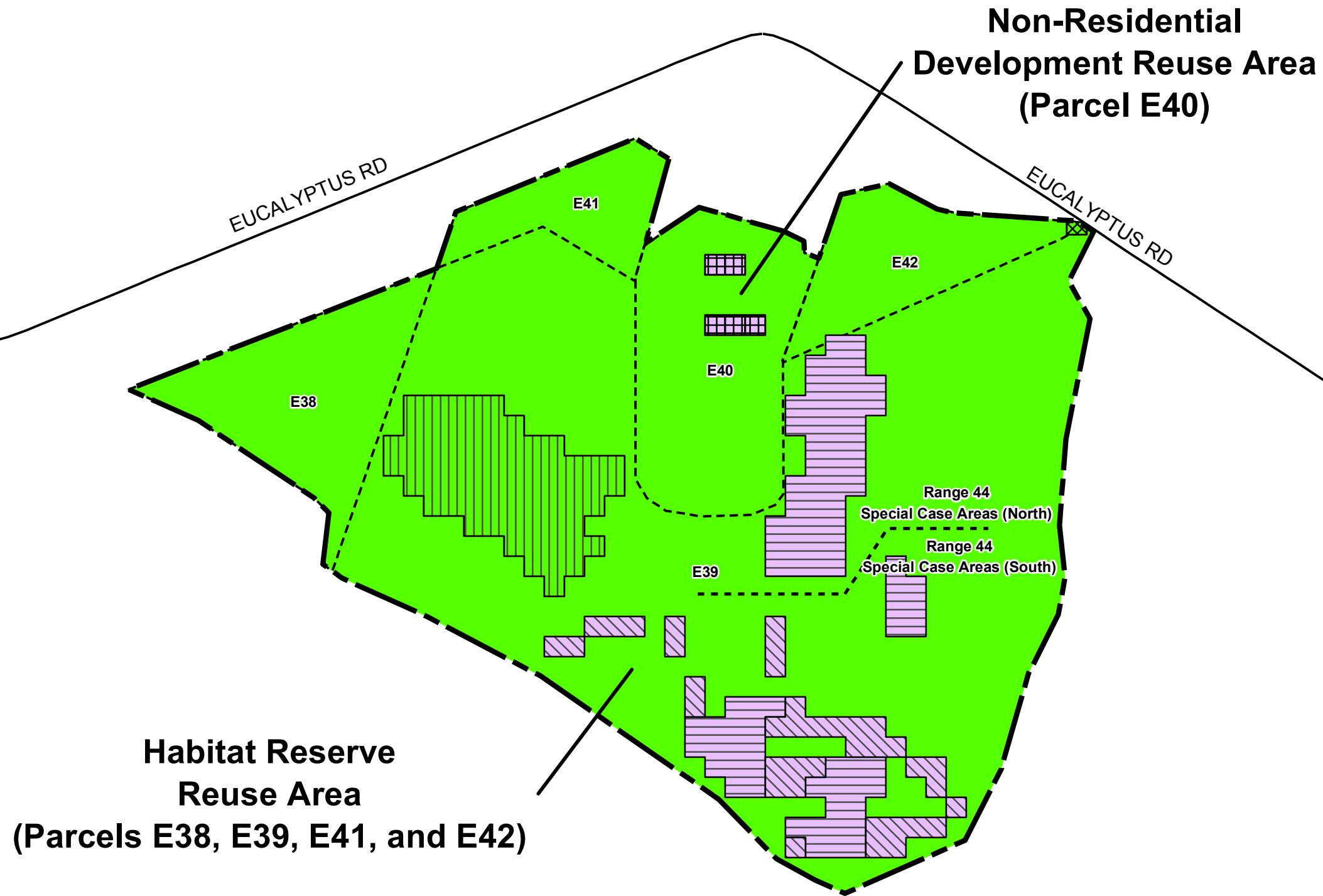
Del Rey Oaks / Monterey

Highway 88

0 1 2 Miles

0 600 1,200 Feet

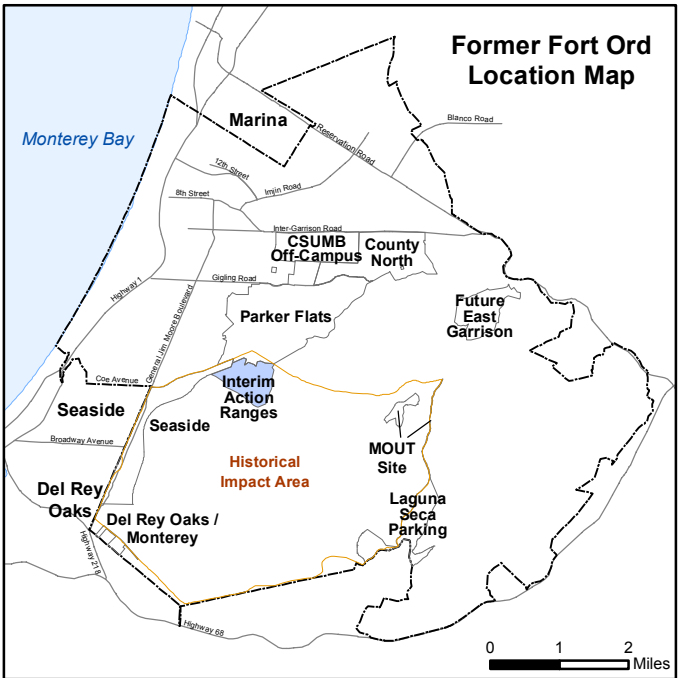
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Legend

- Moderate to High Probability of Encountering MEC
- Low Probability of Encountering MEC
- Interim Action Ranges MRA
- Range 47 Special Case Areas
- Range 44 Special Case Areas
- Central Area Non-Completed Areas
- USACE Parcel
- Major Road
- Fenceline Special Case Area
- Trench Special Case Area

Note:
The probability of encountering MEC is presented as general guidance; each project must be assessed for the probability of encountering MEC based on site- and project-specific information.



**Interim Action Ranges
MRA Probability of
Encountering MEC**

Monterey County, California

Figure 4

Table 2
Current Probability of Encountering MEC by Parcel

MRS Site Number	Past MRS Use	Planned Reuse ¹	Transfer Parcel No.	Approx. Acreage ²	MRS Site Investigation Status ³	Probability of Encountering MEC ⁴
MRS Ranges 43-48	<ul style="list-style-type: none"> • Mortar training and subsequently platoon live fire course at the time of base closure (Range 43) • Antitank weapons range at the time of base closure (Range 44) • Grenade launcher range at the time of base closure (Range 45) • Small arms range from the late 1950s to the time of base closure (Range 46) • 40mm grenade range in the 1960s (Range 47) 	MPC Non-residential Development	E40	23.8	MEC removal to depth of detection completed.	Low
				1.2	MEC removal to 2 feet bgs completed.	Moderate to High
		Habitat Reserve	E38	18	MEC removal to depth of detection completed.	Low
			E39	134	MEC removal to depth of detection completed.	Low
				28	Surface MEC removal completed. MEC removal to depth of detection for sensitively-fuzed munitions completed in Range 44 SCA (North) and transects in Range 44 SCA (South) and Central Area NCAs.	Moderate to High
			E41	9	MEC removal to depth of detection completed.	Low
			E42	12.7	MEC removal to depth of detection completed.	Low
				0.1	MEC removal to depth of detection for sensitively-fuzed munitions completed in Range 44 SCA (North).	Moderate to High

Table 2
Current Probability of Encountering MEC by Parcel

Notes:

bgs = below ground surface

MEC = munitions and explosives of concern

mm = millimeter

MRS = Munitions Response Site

n/a = not applicable

1. Planned use information obtained from the *FORA Fort Ord Reuse Plan (FORA 1997)* and the *Zander Associates Assessment, East Garrison – Parker Flats Land Use Modifications (Zander 2002)*.
2. Acreage stated is the portion of Transfer Parcel with the designated probability of encountering MEC. Acreages stated are approximate and generally rounded to nearest whole acre.
3. All anomalies (i.e., ferromagnetic material) were investigated and all detectable MEC were removed during MEC removal actions.
4. The probability of encountering MEC is presented as general guidance: each project must be assessed for the probability of encountering MEC based on site- and project-specific information.