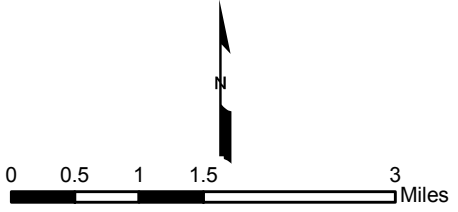


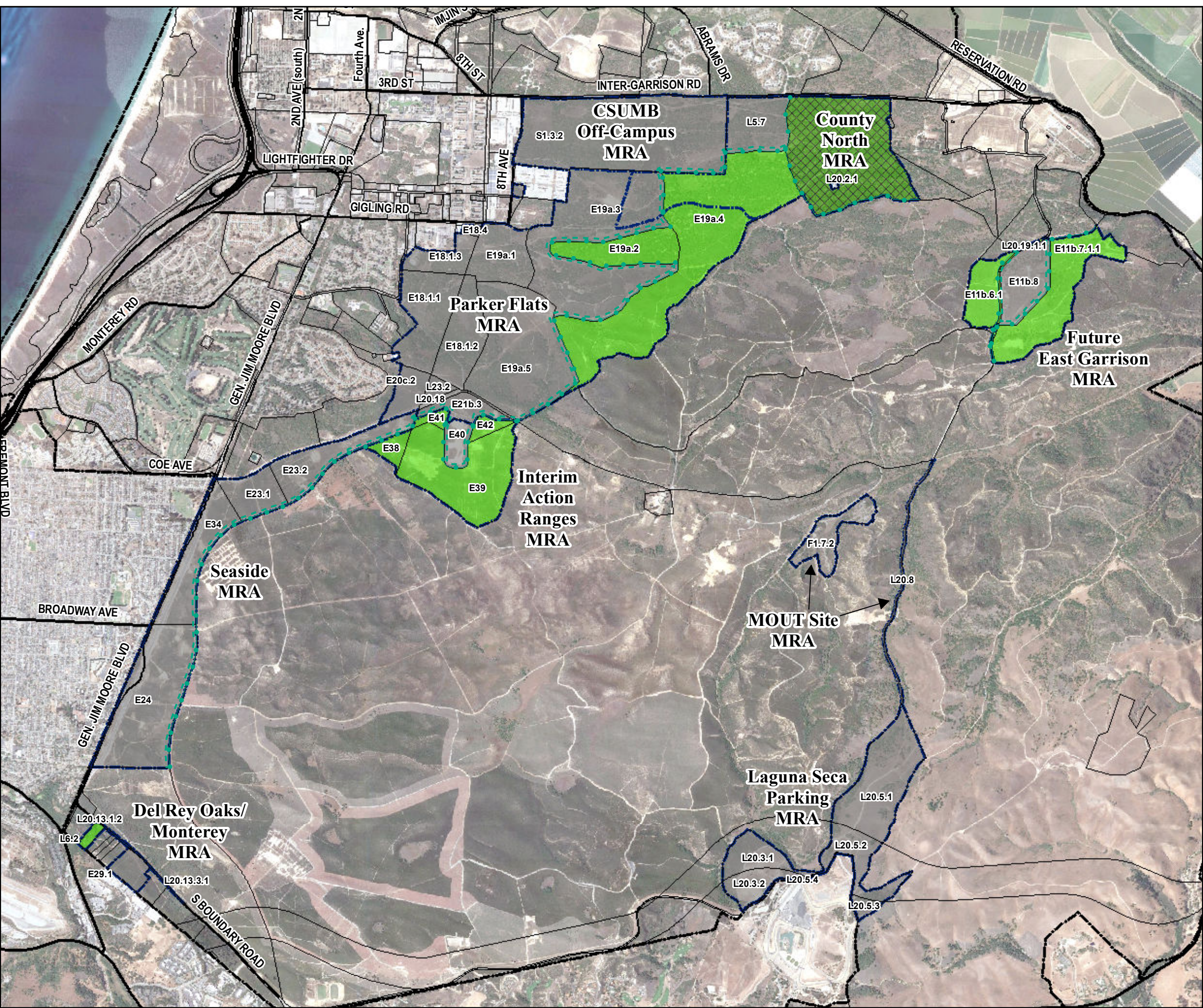
- ESCA Munitions Response Area
- Impact Area Boundary
- Former Fort Ord Boundary
- Major Road



2014 Annual Natural Resource Report  
Former Fort Ord  
Location Map  
FORA ESCA RP  
Monterey County, California

Figure 1

Document Path: Z:\GIS\PROJECTS\ENV\FOR\0959516\_GIS\Projects\AIMRAs\Habitat\_Monitoring\2014 Annual Natural Resource Report\Report\Figures\Fig 2 ALLMRA ESCA RP Property Proposed Future Land Use.mxd



### Legend

- Munitions Response Area
- Major Road
- Borderland Interface
- 100-Foot Buffer from Borderland Interface
- USACE Parcel
- Former Fort Ord Boundary
- Development Parcel
- Habitat Reserve
- Habitat Corridor

#### Former Fort Ord Location Map

0 100 200 Miles

Aerial Source: Google Earth Pro,  
Accessed 11/21/2014 - Image Date: 8/25/2013

0 3,000 6,000 Feet

2014 Annual Natural Resource Report

**ESCA RP**

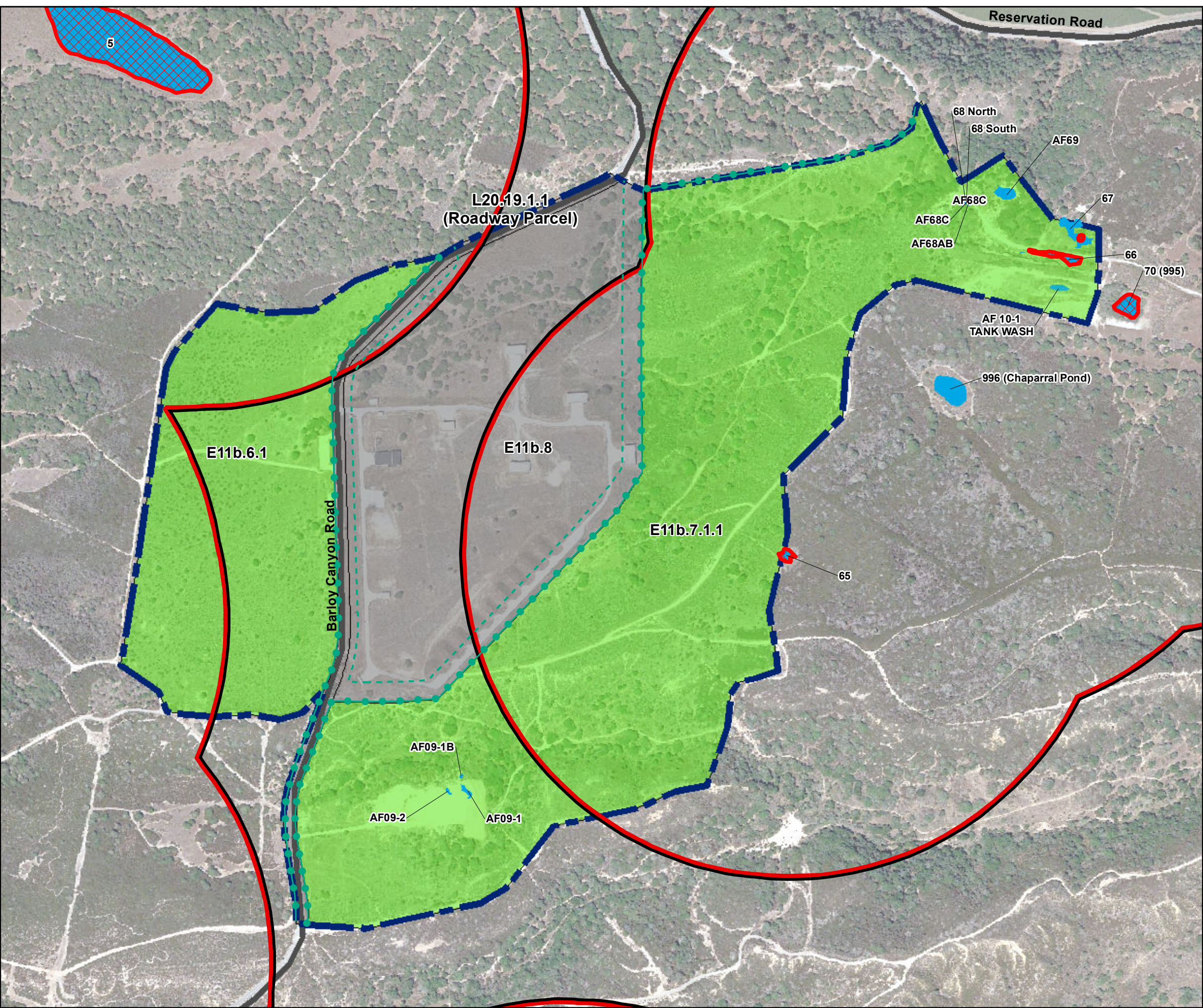
2014 Proposed Future Land Use

FORA ESCA RP

Monterey County, California

**Figure 2**

Document Path: Z:\GIS\PROJECTS\ENV\FortOrd\0959516\_GIS\Projects\AII\IRAs\Habitat\_Monitoring\2014 Annual Natural Resource Report\Report\Figures\Fig 3a Future East Garrison MRA.mxd

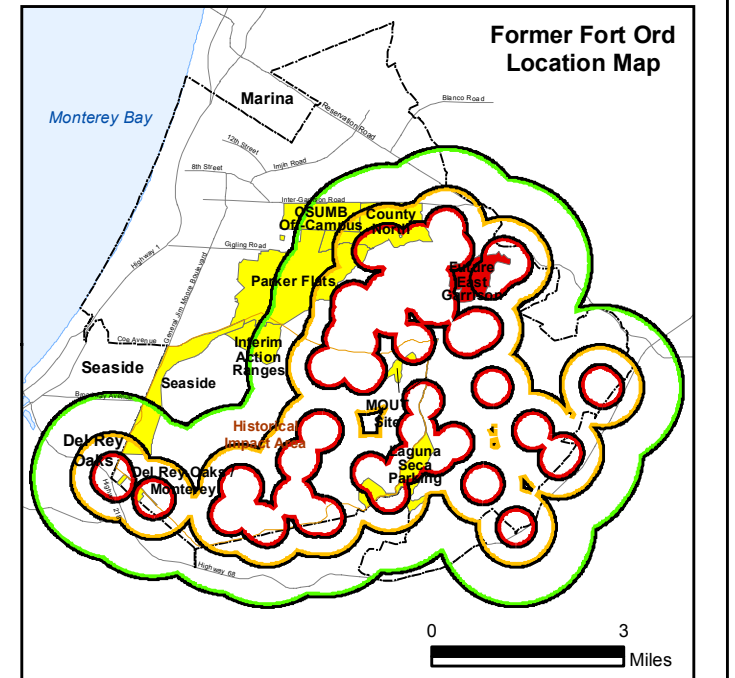


### Legend

- Munitions Response Area
- Major Road
- E23.1 USACE Parcel
- Aquatic Features
- Aquatic Feature with Documented CTS Presence
- Habitat Reserve
- Development Parcels
- Borderland Interface
- 100-Foot Buffer from Borderland Interface

California Tiger Salamander Buffer

- 500 m
- 1 km
- 2 km



Aerial Source: Google Earth Pro,  
 Accessed 11/21/2014 - Image Date: 8/25/2013

0 500 1,000 Feet

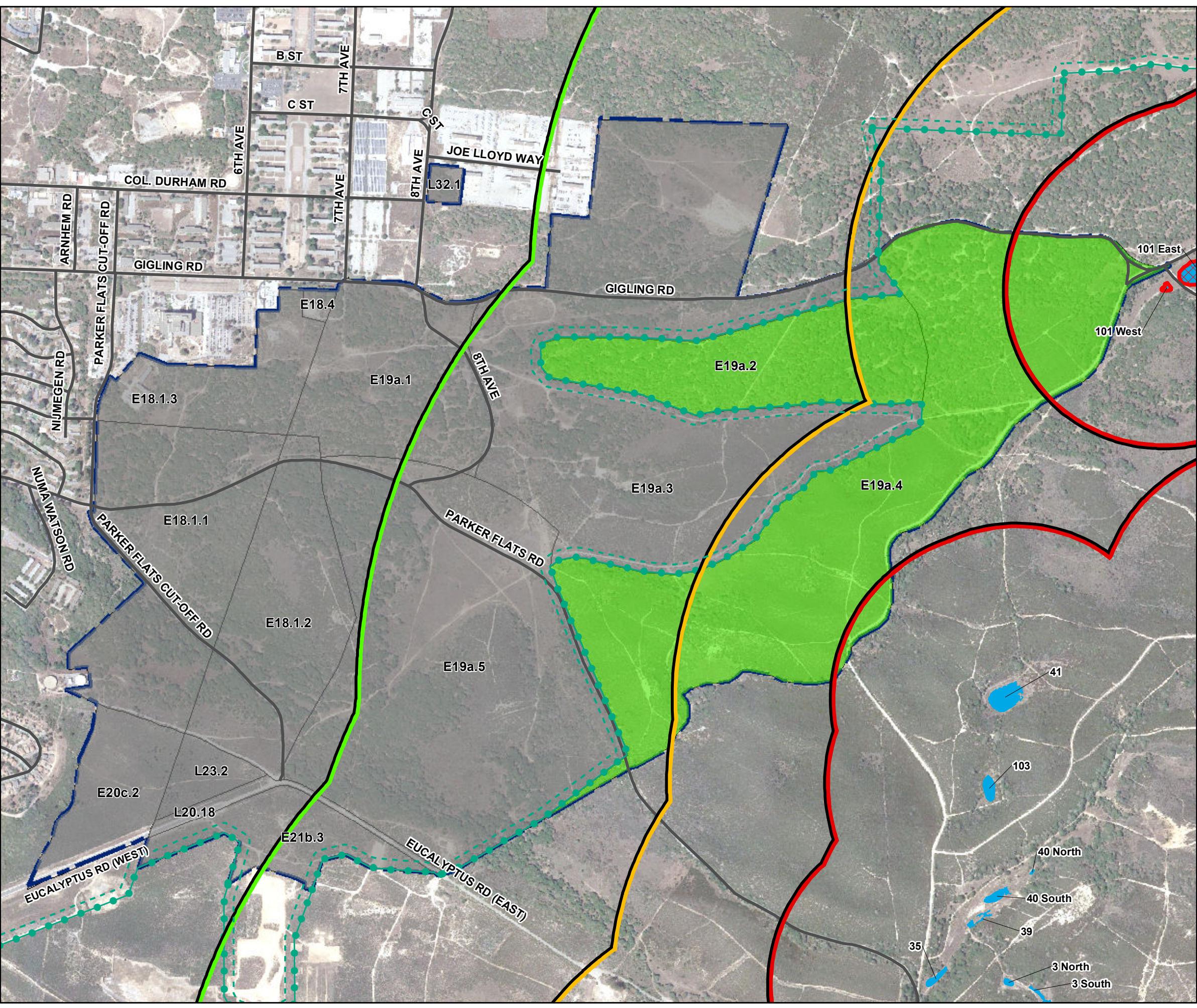


2014 Annual Natural Resource Report

**Munitions Response Areas with Habitat Parcels Overview**  
**Future East Garrison MRA**  
 FORA ESCA RP  
 Monterey County, California

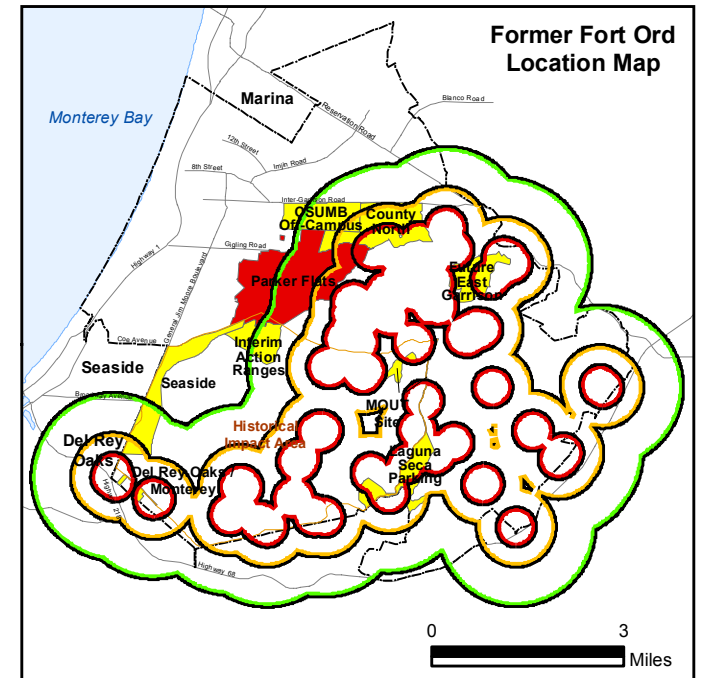
**Figure 3a**

Document Path: Z:\GIS\PROJECTS\ENV\FortOrd\0959516\_GIS\Projects\A\MIRA\Habitat\_Monitoring\2014 Annual Natural Resource Report\Report\Figures\Fig 3b Parker Flats MRA Phase I and II Areas.mxd



### Legend

- Munitions Response Area
  - Major Road
  - USACE Parcel
  - Aquatic Features
  - Aquatic Feature with Documented CTS Presence
  - Habitat Reserve
  - Development Parcels
  - Borderland Interface
  - 100-Foot Buffer from Borderland Interface
- California Tiger Salamander Buffer
- 500 m
  - 1 km
  - 2 km



Aerial Source: Google Earth Pro,  
 Accessed 11/21/2014 - Image Date: 8/25/2013

0 1,000 2,000 Feet



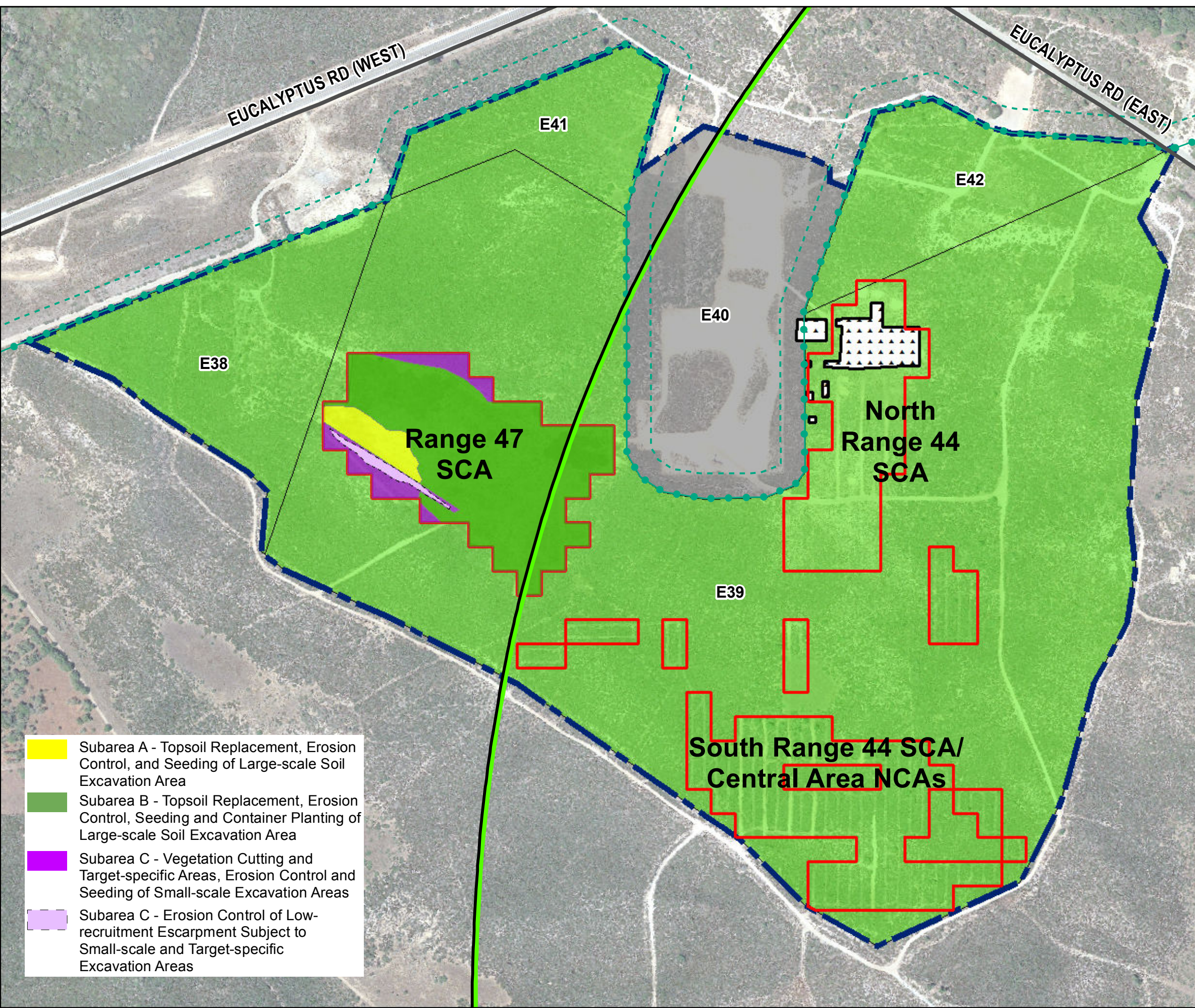
2014 Annual Natural Resource Report

**Munitions Response Areas with  
 Habitat Parcels Overview  
 Parker Flats MRA**

FORA ESCA RP  
 Monterey County, California

**Figure 3b**

Document Path: Z:\GIS\PROJECTS\ENV\FORTORD\0959516\_GIS\Projects\AIRMRA\Habitat\_Monitoring\2014 Annual Natural Resource Report\Report\Figures\Fig 3c IAR MRA.mxd



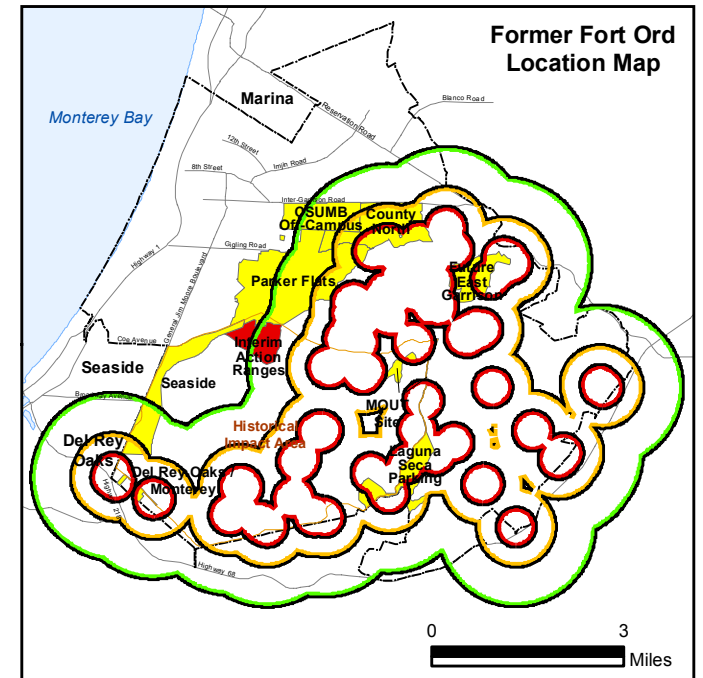
- Subarea A - Topsoil Replacement, Erosion Control, and Seeding of Large-scale Soil Excavation Area
- Subarea B - Topsoil Replacement, Erosion Control, Seeding and Container Planting of Large-scale Soil Excavation Area
- Subarea C - Vegetation Cutting and Target-specific Areas, Erosion Control and Seeding of Small-scale Excavation Areas
- Subarea C - Erosion Control of Low-recruitment Escarpment Subject to Small-scale and Target-specific Excavation Areas

### Legend

- Munitions Response Area
- Major Road
- USACE Parcel
- Site 39 (HA44) US Army Action
- Special Case and Non-Completed Areas (Work Areas)
- Habitat Reserve
- Development Parcels
- Borderland Interface
- 100-Foot Buffer from Borderland Interface

California Tiger Salamander Buffer

- 500 m
- 1 km
- 2 km



Aerial Source: Google Earth Pro,  
 Accessed 4/17/2014 - Image Date: 8/25/2013

0 400 800 Feet

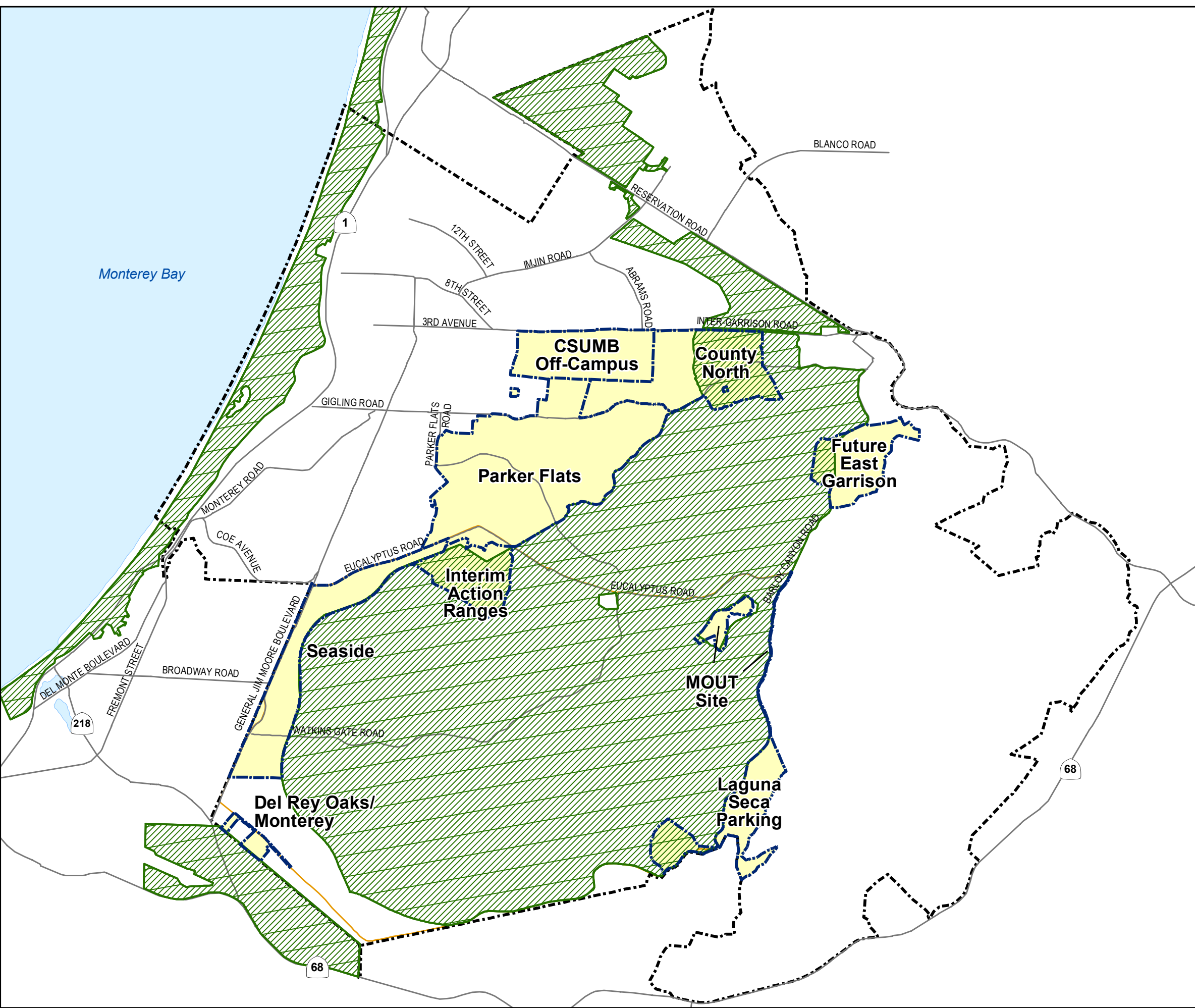
**2014 Annual Natural Resource Report**

**Munitions Response Areas with Habitat Parcels Overview Interim Action Ranges MRA**

FORA ESCA RP  
 Monterey County, California

**Figure 3c**

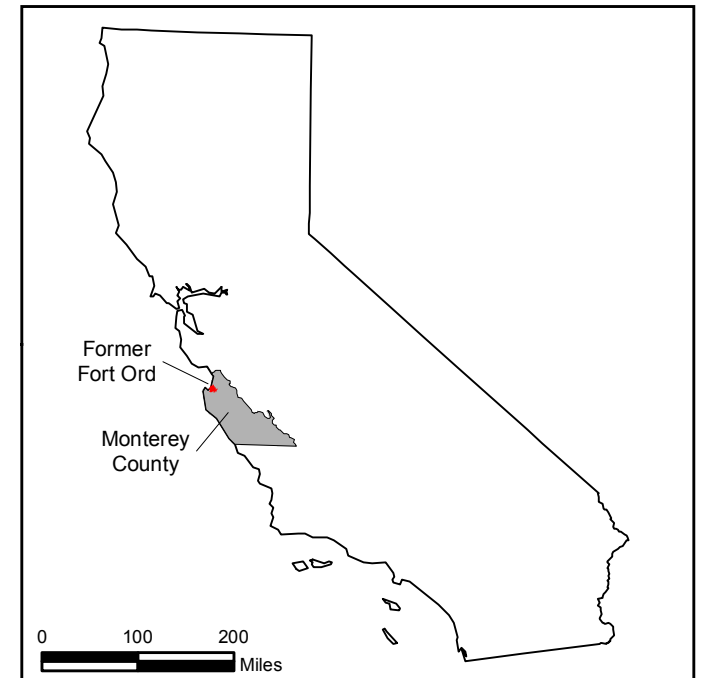
Document Path: Z:\GIS\PROJECTS\ENV\FortOrd\095956\_GIS\Projects\AIRM\AS\Habitat\_Monitoring\2014 Annual Natural Resource Report\Report\Figures\Fig 4 Monterey Spineflower Critical Habitat Location.mxd



### Legend

-  Major Roads
-  Former Fort Ord Boundary
-  ESCA Munitions Response Areas
-  Impact Area Boundary
-  U.S. Fish and Wildlife Designated Monterey Spineflower Critical Habitat

Source: USFWS. 2002. Biological Opinion on the Closure and Reuse of Fort Ord, Monterey County, California as it affects California Tiger Salamander and Critical Habitat for Contra Costa Goldfields (1-8-04-F25-R)



2014 Annual Natural Resource Report



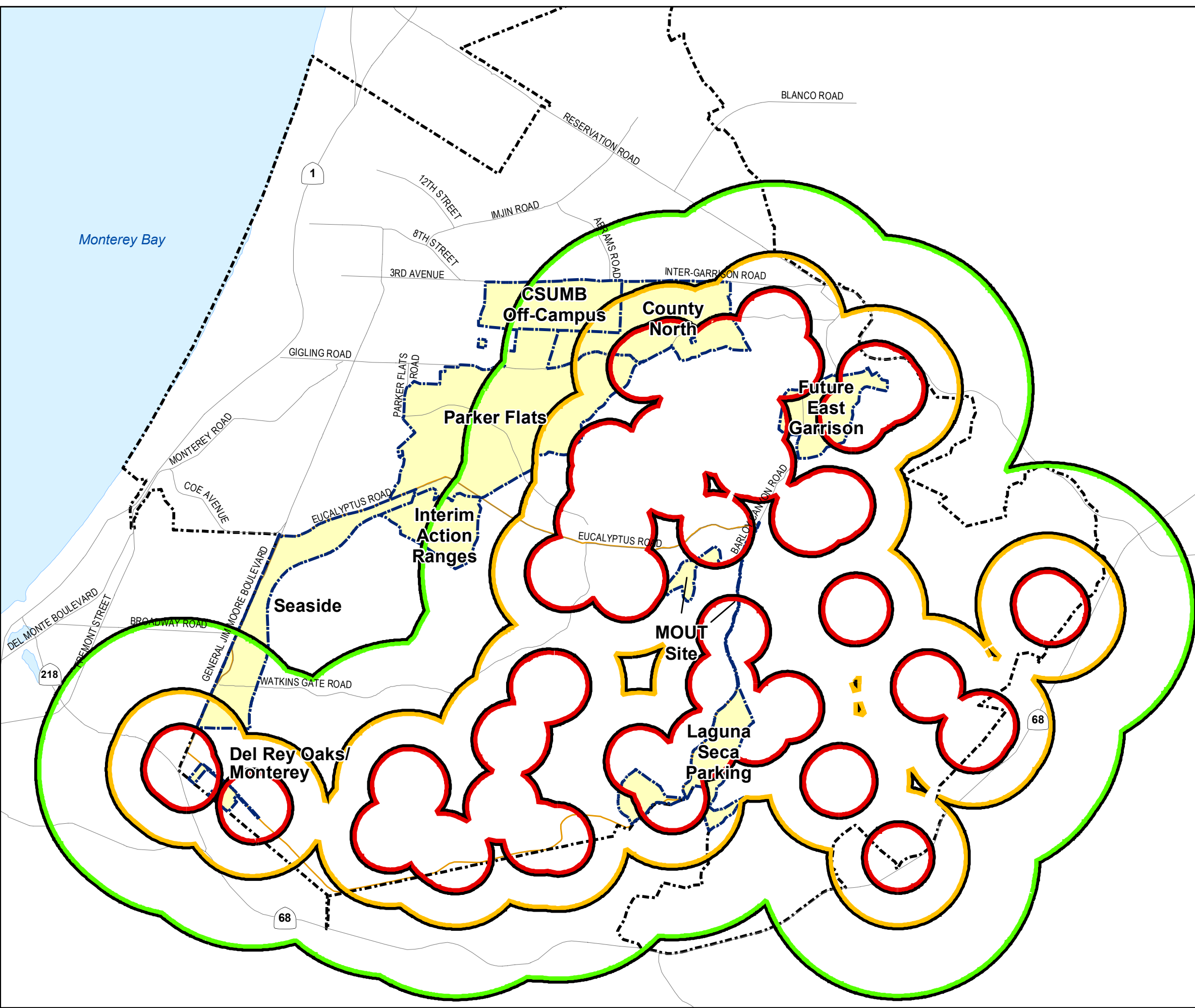
Former Fort Ord Monterey Spineflower Critical Habitat Locations



FORA ESCA RP  
Monterey County, California

**Figure 4**

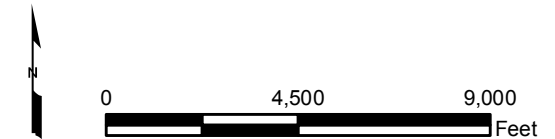
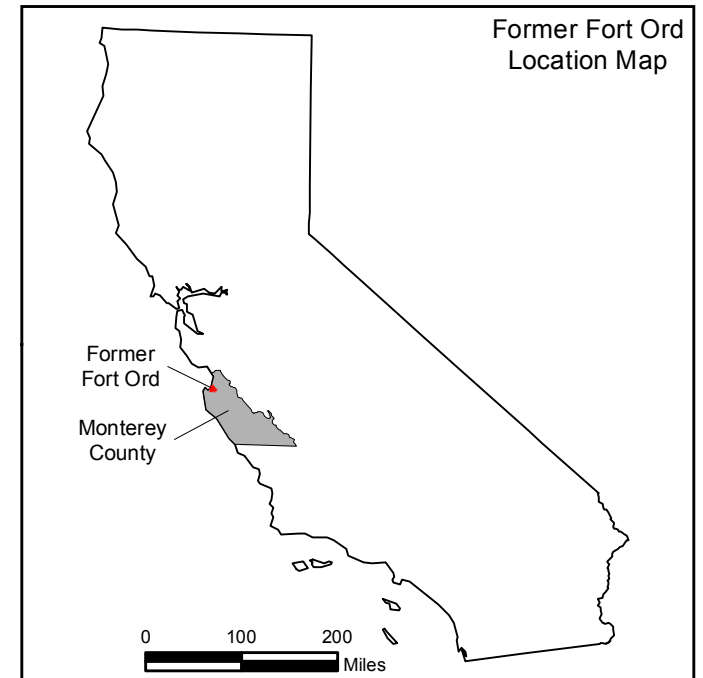
Document Path: Z:\GIS\PROJECTS\ENV\FORd\0959516\_GIS\Projects\A\IMR\AS\Habitat\_Monitoring\2014 Annual Natural Resource Report\Report\Figures\Fig 5 CTS Potential Habitat Zones.mxd



### Legend

- Major Roads
  - Former Fort Ord Boundary
  - ESCA Munitions Response Areas
  - Historical Impact Area Boundary
- California Tiger Salamander -  
Habitat Zones
- 500 M
  - 1 KM
  - 2 KM

Source: USFWS. 2005. Cleanup and Reuse of Former Fort Ord. Monterey County, California as it affects California Tiger Salamander and Critical Habitat for Contra Costa Goldfields (1-8-04-F25-R)

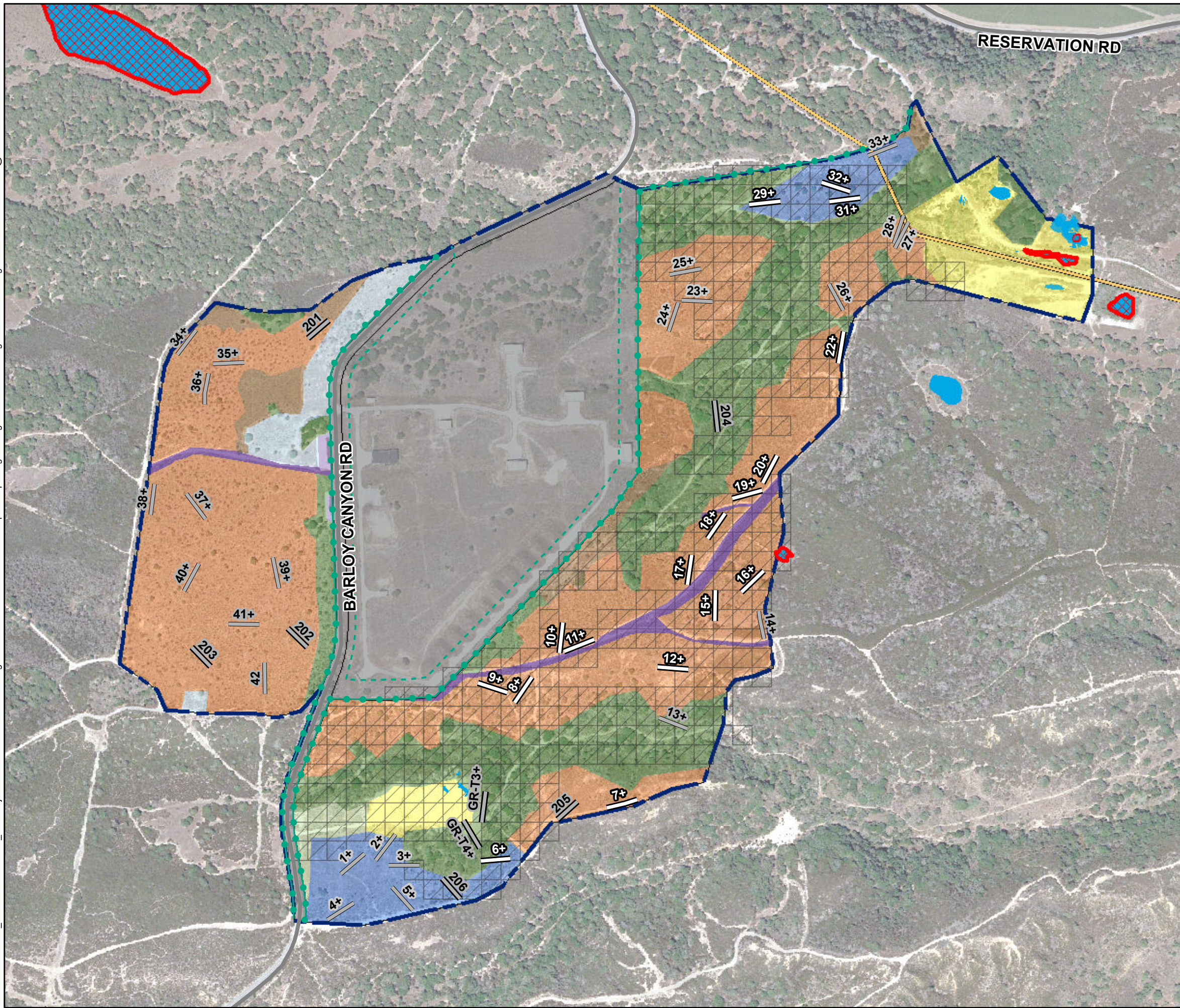


2014 Annual Natural Resource Report

California Tiger Salamander  
Habitat Buffer Zones

FORA ESCA RP  
Monterey County, California

Figure 5



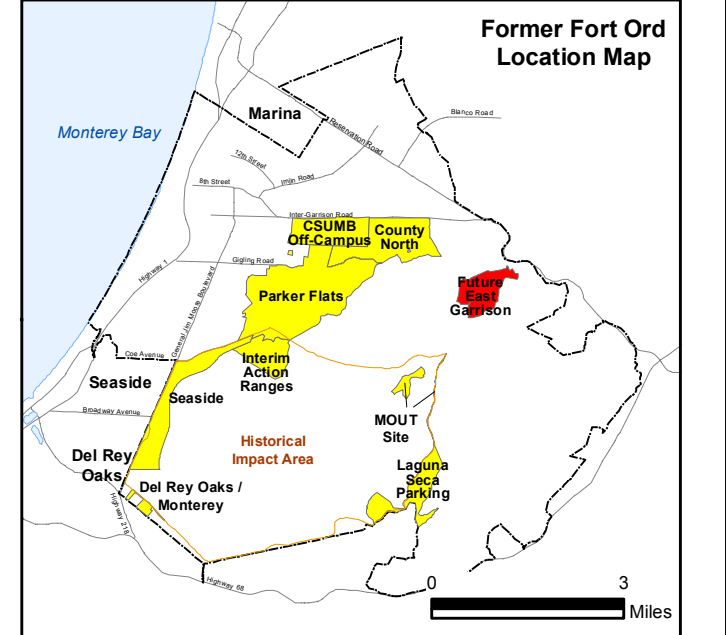
### Legend

- Munitions Response Area
- Major Road
- Natural Gas Pipeline
- Development Parcel
- 2014 Vegetation Transects Note:
- 2015 Monitoring Transects + = baseline transect
- Borderland Interface
- 100-Foot Buffer from Borderland Interface
- 2014 HMP Herbaceous Species Survey Areas (Survey areas shown outside of MRA habitat boundaries serve as reference locations)
- Aquatic Features
- Aquatic Feature with Documented CTS Presence

### Vegetation Types

- Central Maritime Chaparral
- Chamise-dominated Chaparral
- Low Quality Disturbed Chaparral
- Coast Live Oak Woodland
- Grassland
- Ruderal and Cleared Areas
- Low Recruitment Area
- Roadways and Fuel Breaks

Note: Vegetation mapping modified from 2011 Annual Natural Resource Report.



Aerial Source: Google Earth Pro, Accessed 11/21/2014 - Image Date: 8/25/2013

0 500 1,000 Feet

**2014 Annual Natural Resource Report**

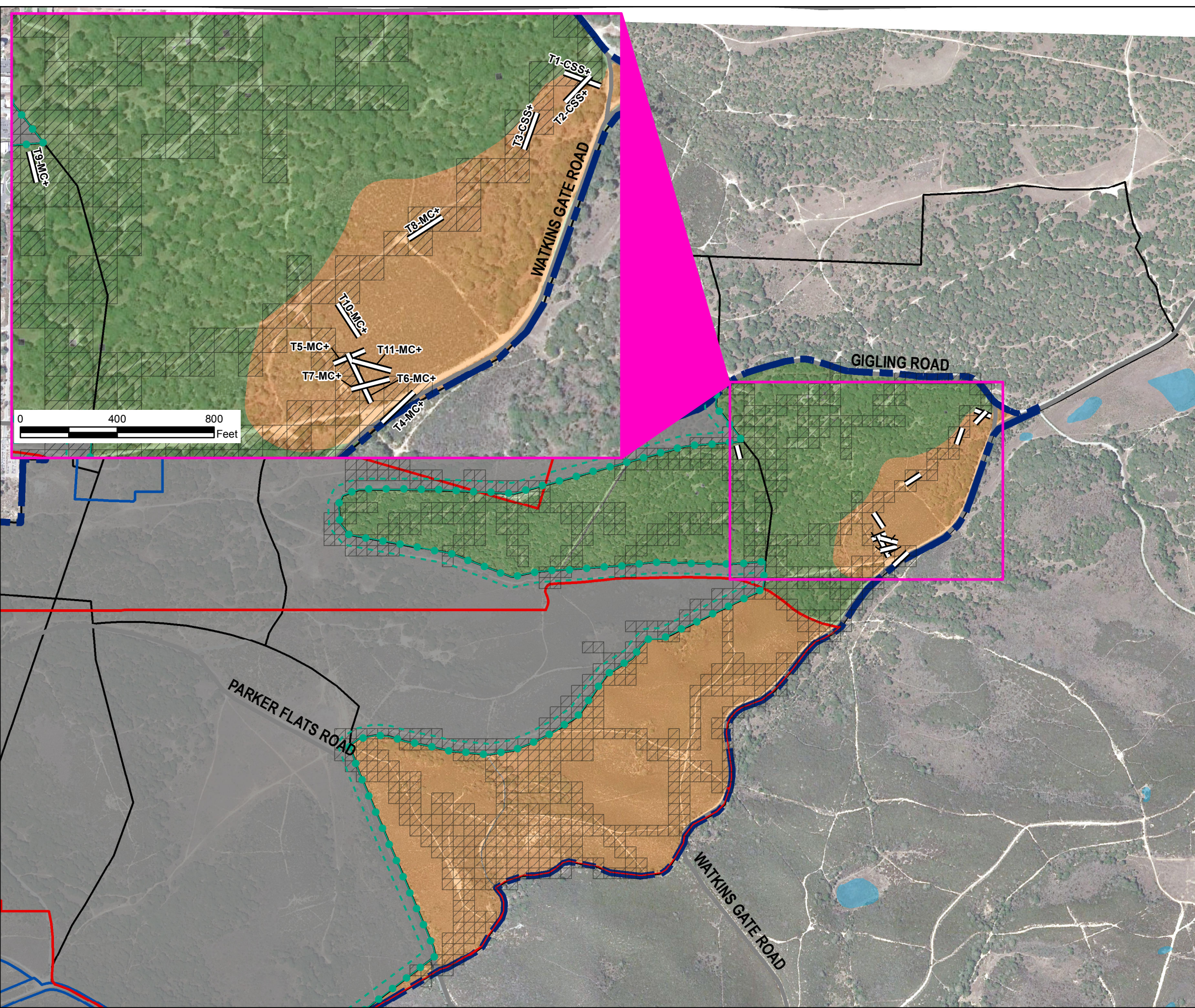
**Vegetation Monitoring and HMP Herbaceous Survey Locations Future East Garrison MRA**

FORA ESCA RP  
Monterey County, California

**Figure 6a**



Document Path: Z:\GIS\PROJECTS\ ENV\FortOrd\0959516\_GIS\Projects\AIRMAs\Habitat\_Monitoring\2014 Annual Natural Resource Report\Report\Figures\Fig 6b PF Monitoring Locations and Veg Comm.mxd



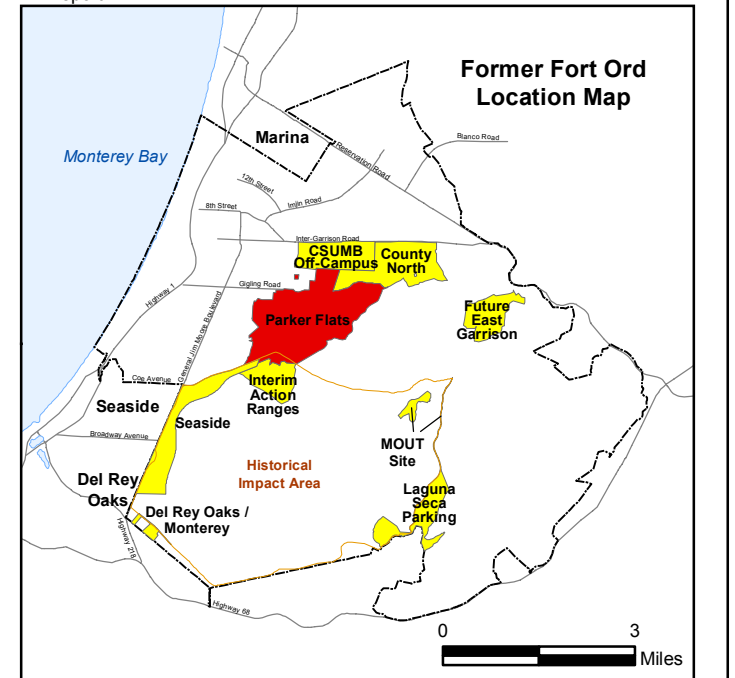
### Legend

- Munitions Response Area
- Major Road
- USACE Parcel
- Development Parcel
- 2014 Transect Monitoring Note:  
+ = baseline transect
- Borderland Interface
- 100-Foot Buffer from Borderland Interface
- 2014 HMP Herbaceous Species Survey Areas (Survey areas shown outside of MRA habitat boundaries serve as reference locations)
- Aquatic Feature
- Phase 1 Boundary

### Vegetation Types\*

- Central Maritime Chaparral
- Coast Live Oak Woodland
- Grassland

Note:  
\*Source: Flora and Fauna Baseline Study of Fort Ord, California, Jones and Stokes Association Inc., December 1992.  
Vegetation mapping modified from 2011 Annual Natural Resource Report.



Aerial Source: Google Earth Pro,  
Accessed 11/21/2014 - Image Date: 8/25/2013

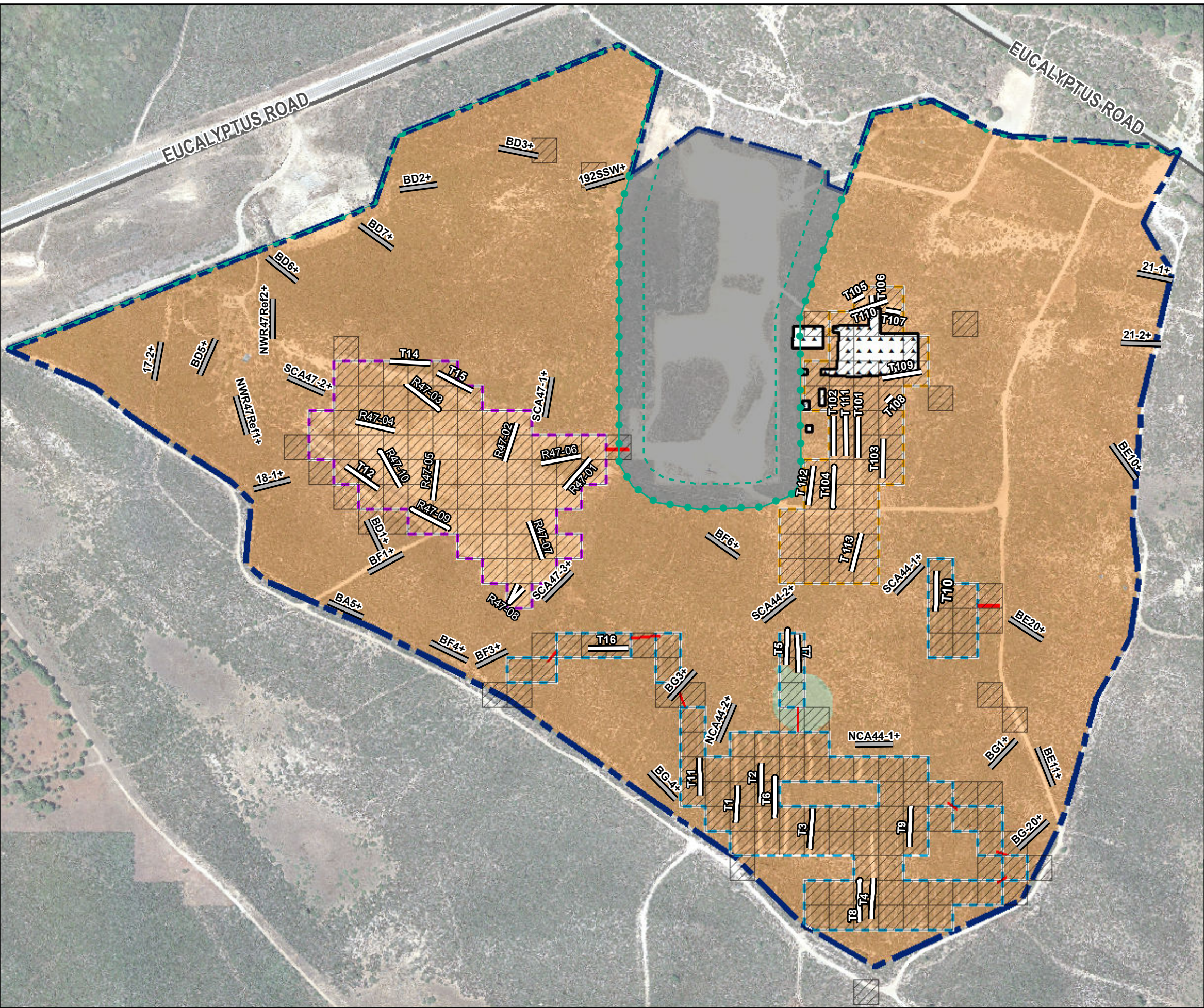
0 600 1,200 Feet

2014 Annual Natural Resource Report  
Vegetation Monitoring and HMP  
Herbaceous Survey Locations  
Parker Flats MRA

FORA ESCA RP  
Monterey County, California

**Figure 6b**

Document Path: Z:\GIS\PROJECTS\ENV\FortOrd\095956\_GIS\Projects\AIMRAs\Habitat Monitoring\2014 Annual Natural Resource Report\Figures\Fig 6c IAR Monitoring Locations and Veg Comm.mxd



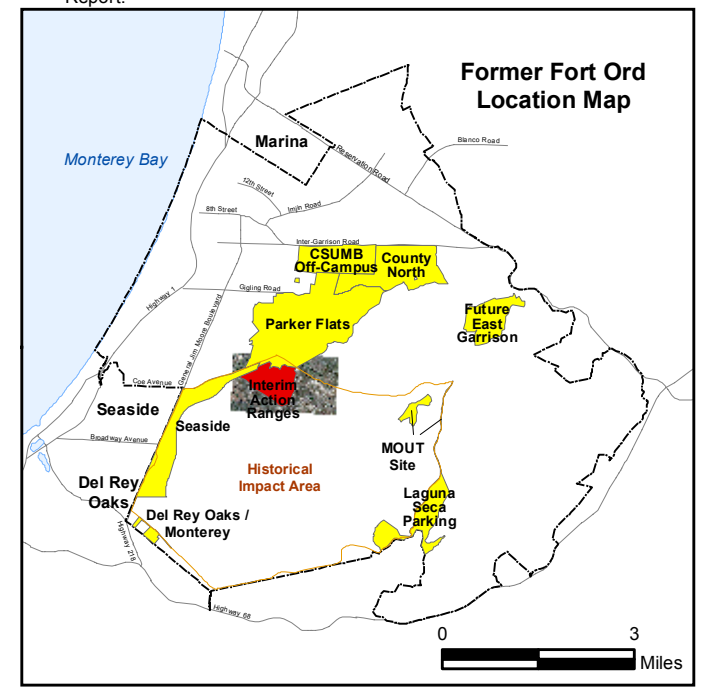
### Legend

- Munitions Response Area
- Major Road
- Development Parcel
- Improved Ingress/Egress Established by ESCA RP Team
- Site 39 (HA44) US Army Action
- North Range 44 SCA
- South Range 44 SCA/Central Area NCA
- Range 47 SCA
- 2014 Vegetation Transects (Monitored Annually per HRP) Note: + = baseline transect
- 24 Baseline Transects
- Borderland Interface
- 100-Foot Buffer from Borderland Interface
- 2014 HMP Herbaceous Species Survey Areas (Survey areas shown outside of MRA habitat boundaries serve as reference locations)

#### Vegetation Types\*

- Grassland
- Central Maritime Chaparral

\*Source: Flora and Fauna Baseline Study of Fort Ord, California, Jones and Stokes Association Inc., December 1992. Vegetation mapping modified from 2011 Annual Natural Resource Report.



Aerial Source: Google Earth Pro, Accessed 4/17/2014 - Image Date: 8/25/2013

0 400 800 Feet



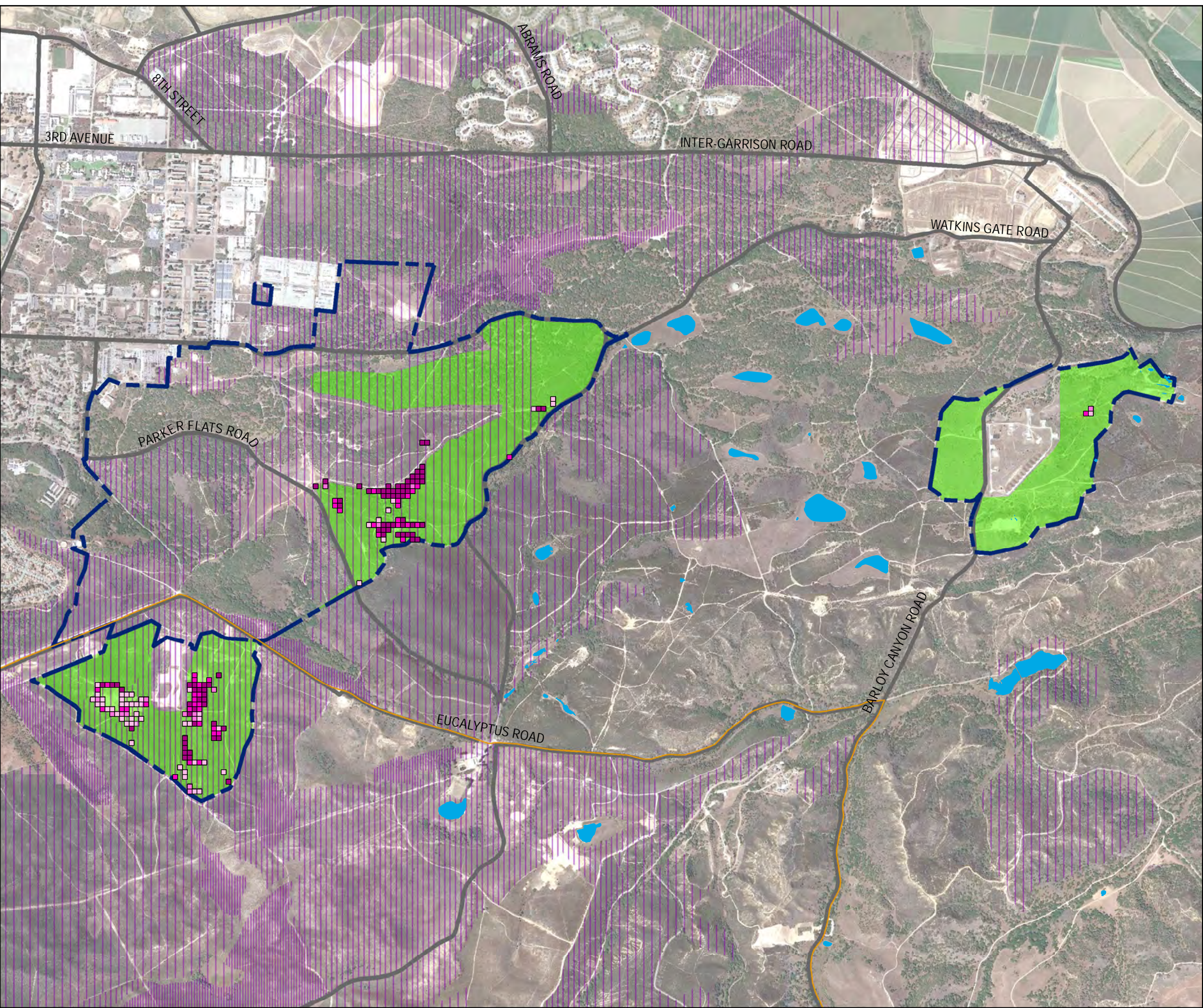
**2014 Annual Natural Resource Report**

**Vegetation Monitoring and HMP Herbaceous Survey Locations Interim Action Ranges MRA**




FORA ESCA RP  
Monterey County, California

**Figure 6c**




Z:\GISPROJECTS\ENV\FIOrd\0959516\_GIS\Projects\AIMRAs\Habitat Monitoring\2014 Annual Natural Resource Report\Report\Figures\Fig 7a All Habitat Parcels Monterey Spineflower.mxd 12/15/2014 @ 12:46:25







### Legend

-  Munitions Response Area
-  Major Road
-  Habitat Reserve
-  Historical Impact Area
-  Aquatic Features

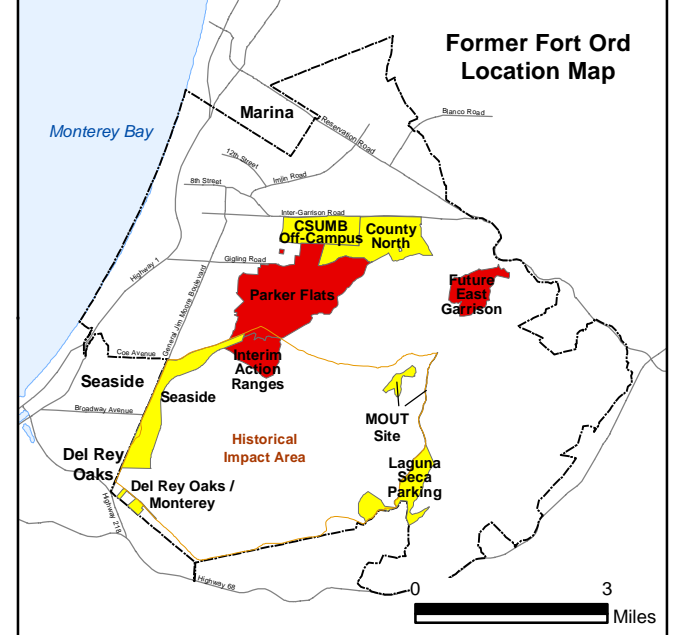
#### 1992\* Species Density (Approx. # per Grid Cell)

-  0-50 - Low\*
-  51-500 - Medium\*
-  > 500 - High\*

#### 2014 Species Density (# per 10,000 sq. ft.) (Survey areas shown outside of MRA habitat boundaries serve as reference locations)

-  1-50
-  51-100
-  101 - 500
-  > 500

\*Source: Flora and Fauna Baseline Study of Fort Ord, California, Jones and Stokes Association Inc., December 1992.



Aerial Source: Google Earth Pro,  
Accessed 11/21/2014 - Image Date: 8/25/2013  
0 2,000 4,000 Feet



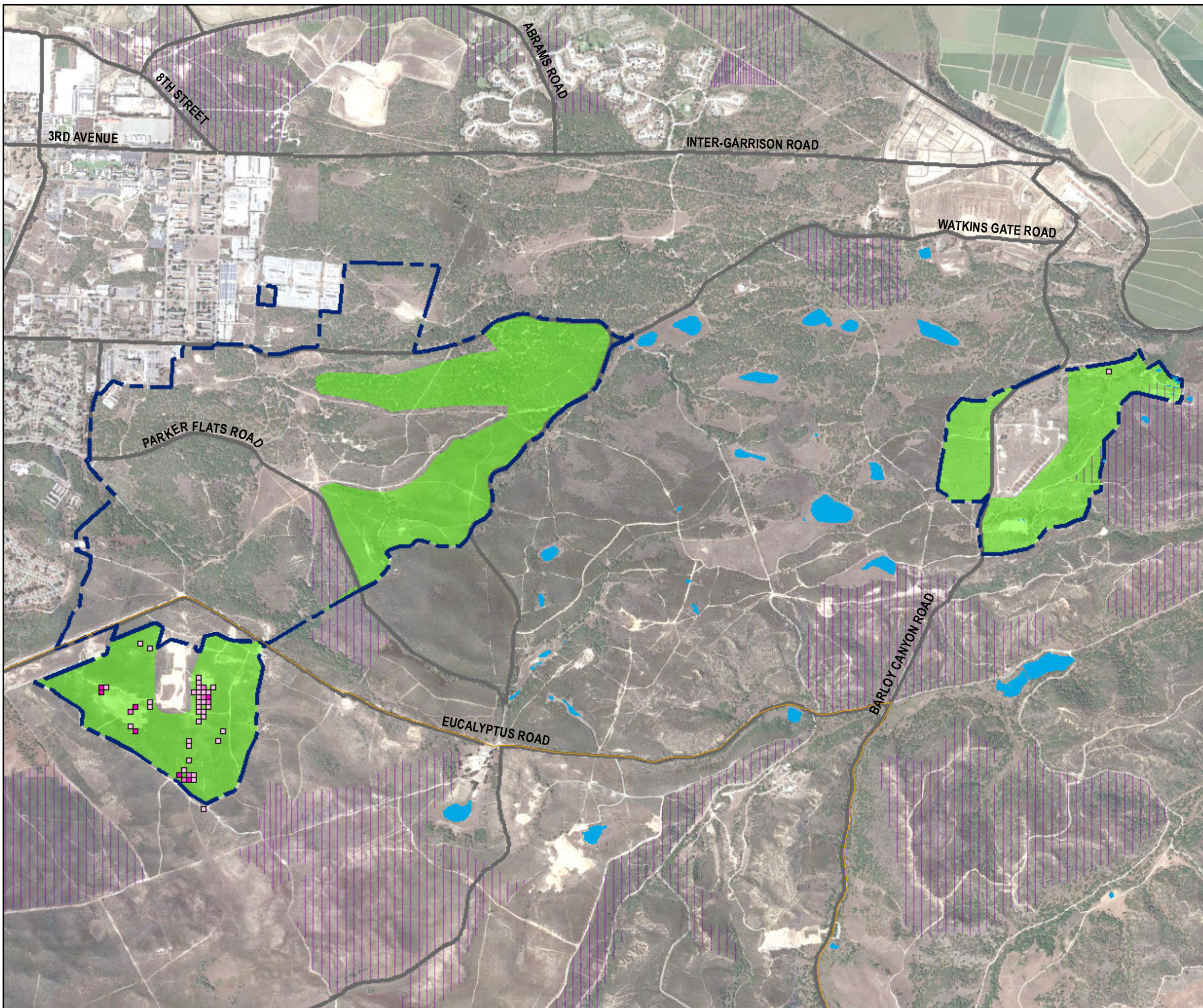
2014 Annual Natural Resource Report

HMP Herbaceous Species in All  
Habitat Parcels - Monterey Spineflower

FORA ESCA RP  
Monterey County, California

Figure 7a

Z:\GISPROJECTS\ENVI\Ford\0959516\_GIS\Projects\AIMRAs\Habitat Monitoring\2014 Annual Natural Resource Report\ReportFigures\Fig 7b All Habitat Parcels Monterey Gilia.mxd 12/11/2014 @ 11:43:28 AM



### Legend

- Munitions Response Area
- Major Road
- Habitat Reserve
- Historical Impact Area
- Aquatic Features

**1992\* Species Density (Approx. # per Grid Cell)**

- 0-50 - Low\*
- 51-500 - Medium\*
- > 500 - High\*

**2014 Species Density (# per Grid Cell)  
(Survey areas shown outside of MRA habitat boundaries serve as reference locations)**

- 1-50
- 51-100
- 101 - 500
- > 500

\*Source: Flora and Fauna Baseline Study of Fort Ord, California, Jones and Stokes Association Inc., December 1992.

#### Former Fort Ord Location Map

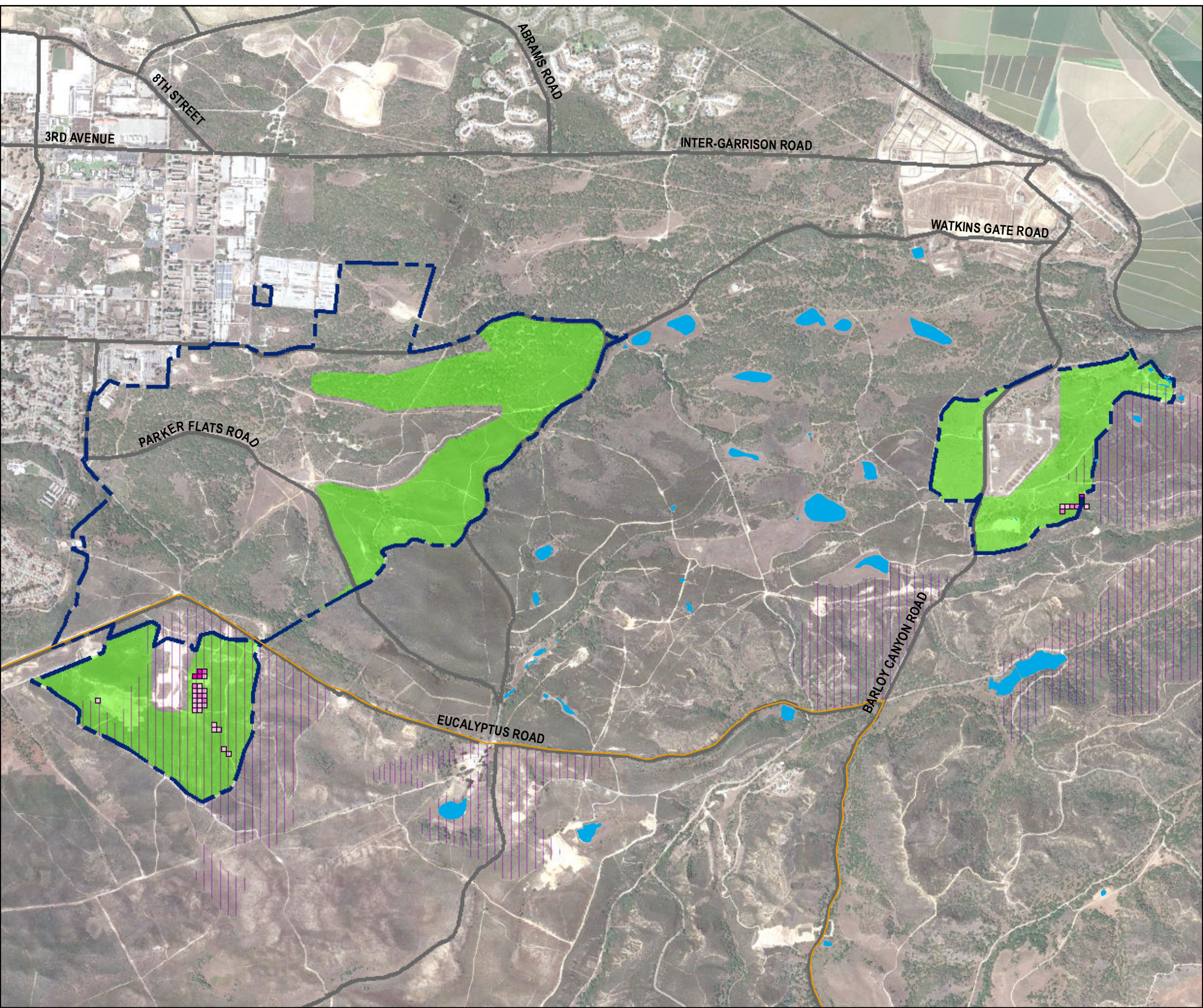
Aerial Source: Google Earth Pro,  
Accessed 11/21/2014 - Image Date: 8/25/2013

**2014 Annual Natural Resource Report**

**HMP Herbaceous Species in All Habitat Parcels - Monterey Gilia**

FORA ESCA RP  
Monterey County, California

Figure 7b



### Legend

- Munitions Response Area
- Major Road
- Habitat Reserve
- Historical Impact Area
- Aquatic Features

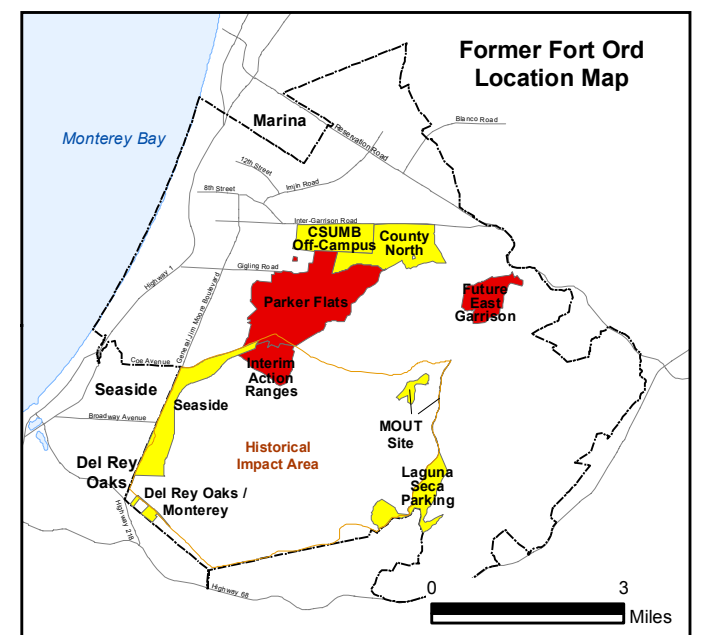
#### 1992\* Species Density (Approx. # per Grid Cell)

- 0-50 - Low\*
- 51-500 - Medium\*
- > 500 - High\*

#### 2014 Species Density (# per Grid Cell) (Survey areas shown outside of MRA habitat boundaries serve as reference locations)

- 1-50
- 51-100
- 101 - 500
- > 500

\*Source: Flora and Fauna Baseline Study of Fort Ord, California, Jones and Stokes Association Inc., December 1992.



Aerial Source: Google Earth Pro,  
Accessed 11/21/2014 - Image Date: 8/25/2013

0 2,000 4,000 Feet



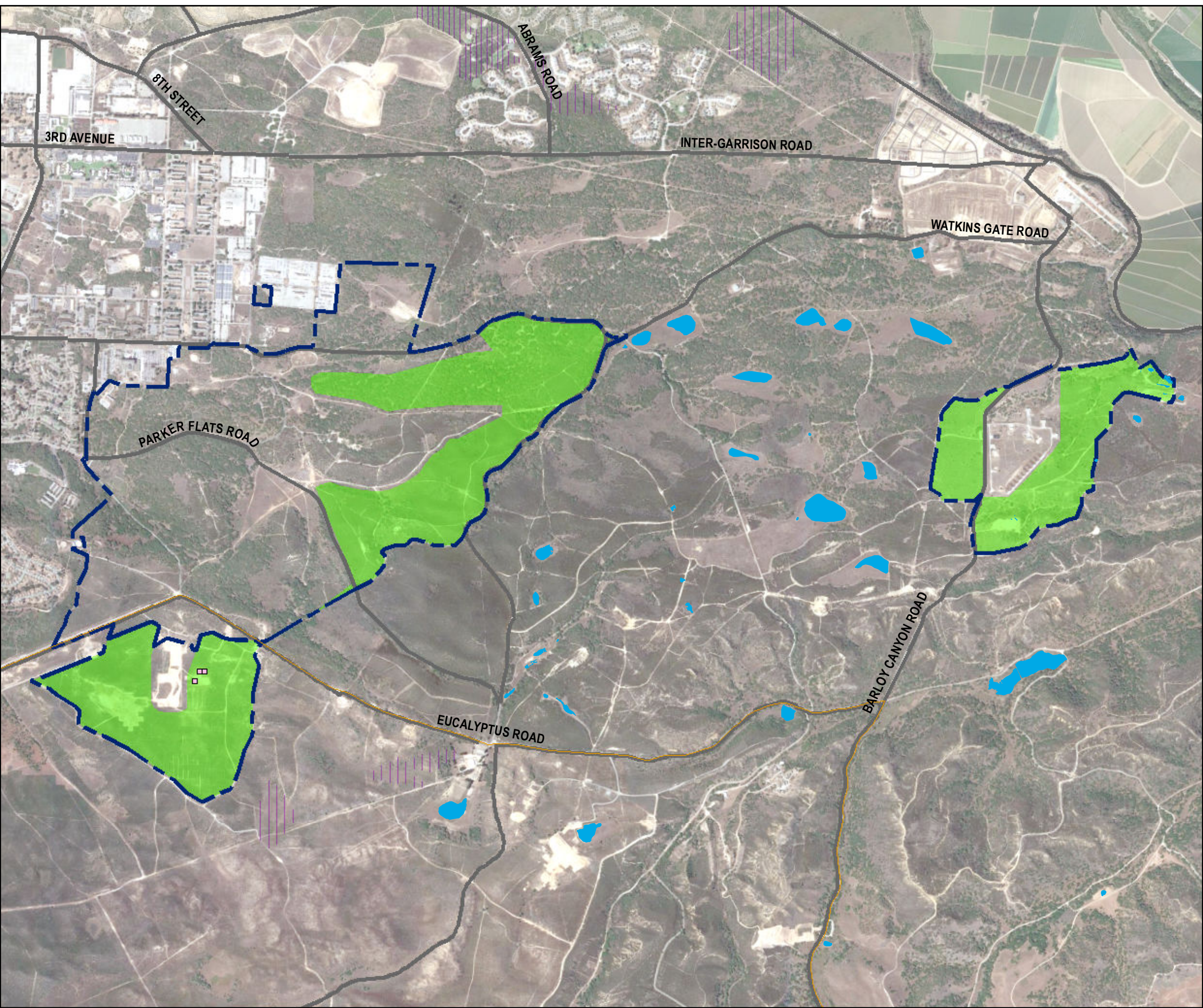
2014 Annual Natural Resource Report

HMP Herbaceous Species in All  
Habitat Parcels - Seaside Bird's-beak

FORA ESCA RP  
Monterey County, California

Figure 7c

Z:\GISPROJECTS\ENVI\Ford\0959516\_GIS\Projects\AIMRAs\Habitat Monitoring\2014 Annual Natural Resource Report\ReportFigures\Fig 7d All Habitat Parcels Coastal Wallflower.mxd 12/11/2014 @ 11:46:40 AM



### Legend

- Munitions Response Area
- Major Road
- Habitat Reserve
- Historical Impact Area
- Aquatic Features

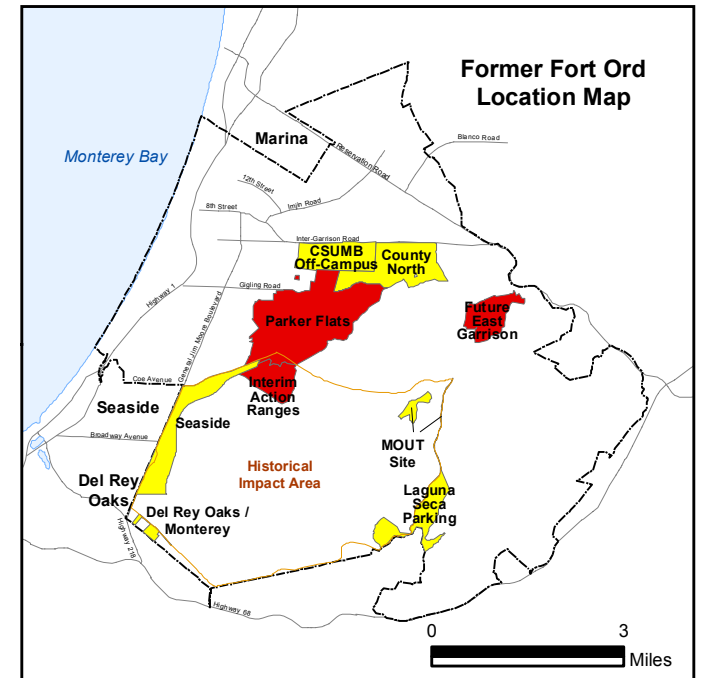
#### 1992\* Species Density (Approx. # per Grid Cell)

- 0-50 - Low\*
- 51-500 - Medium\*
- > 500 - High\*

#### 2014 Species Density (# per Grid Cell) (Survey areas shown outside of MRA habitat boundaries serve as reference locations)

- 1-50

\*Source: Flora and Fauna Baseline Study of Fort Ord, California, Jones and Stokes Association Inc., December 1992.



Aerial Source: Google Earth Pro,  
Accessed 11/21/2014 - Image Date: 8/25/2013

0 2,000 4,000 Feet



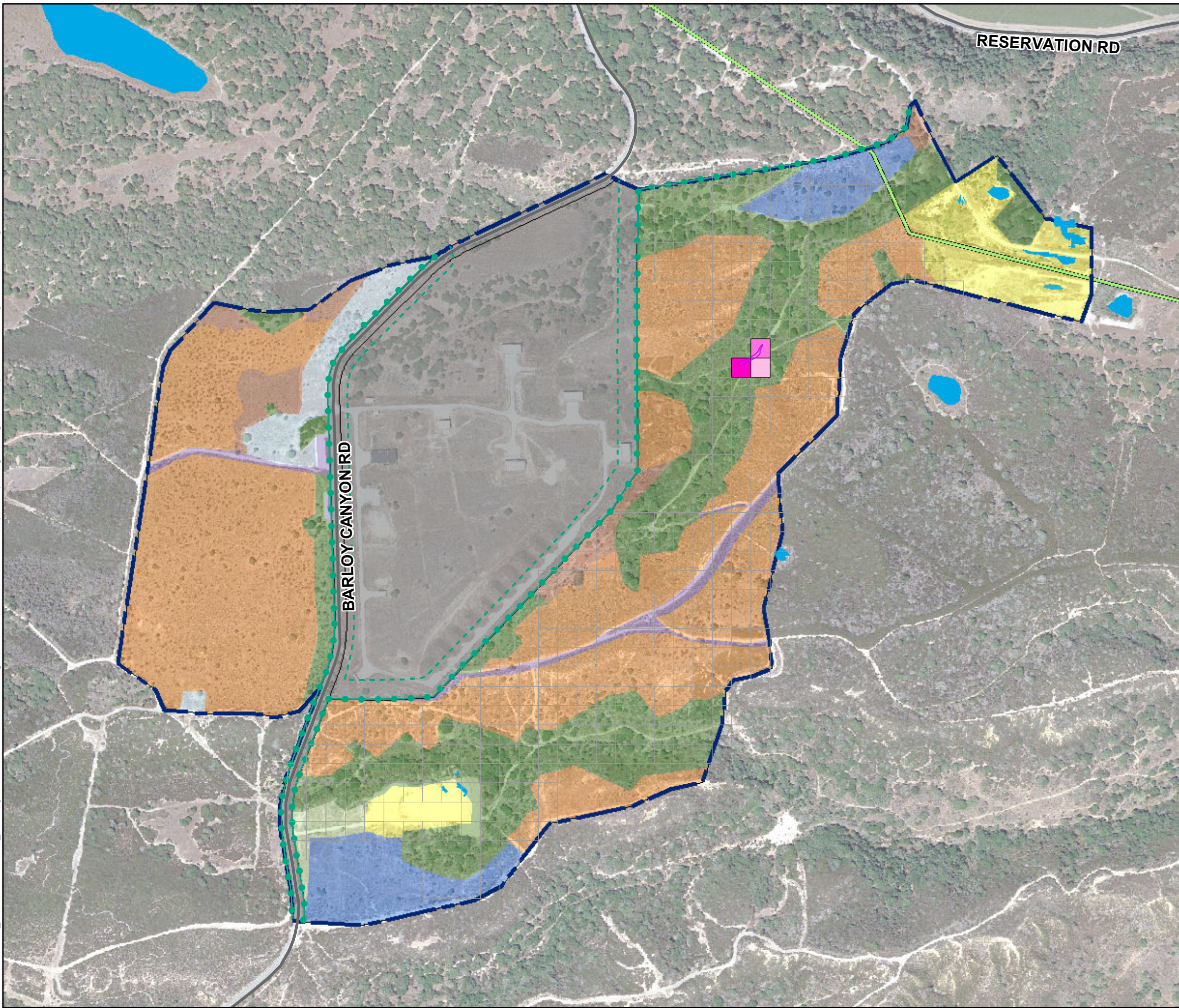
2014 Annual Natural Resource Report

HMP Herbaceous Species in All  
Habitat Parcels - Coast Wallflower

FORA ESCA RP  
Monterey County, California

Figure 7d

Z:\GIS\PROJECTS\_ENV\FIOrd\095956\_GIS\Projects\AIMRAs\Habitat\_Monitoring\2014 Annual Natural Resource Report\Report\Figures\Fig 8a FEG Spineflower Density.mxd 3/10/2015 @ 11:16:10 AM



### Legend

- Munitions Response Area
- Major Road
- Natural Gas Pipeline
- Development Parcel
- Borderland Interface
- 100-Foot Buffer from Borderland Interface
- Aquatic Features

### Vegetation Types

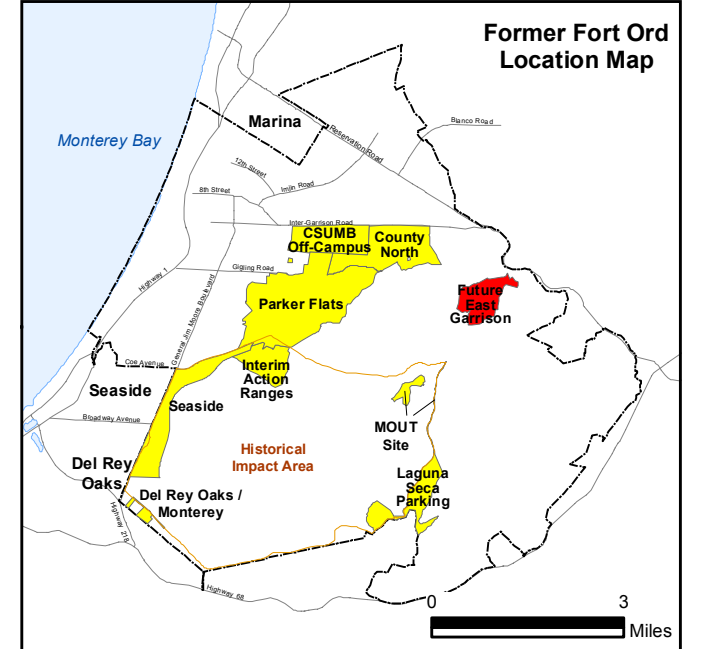
- Central Maritime Chaparral
- Chamise-dominated Chaparral
- Low Quality Disturbed Chaparral
- Coast Live Oak Woodland
- Grassland
- Ruderal and Cleared Areas
- Low Recruitment Area
- Roadways and Fuel Breaks

### 2014 Species Density (# per 10,000 sq. ft.)

(Survey areas shown outside of MRA habitat boundaries serve as reference locations)

0	101-500
1-50	2014 Occupied Habitat and Sample Plots
51-100	

Note: Vegetation mapping modified from 2011 Annual Natural Resource Report



Aerial Source: Google Earth Pro,  
 Accessed 11/21/2014 - Image Date: 8/25/2013

0 500 1,000 Feet



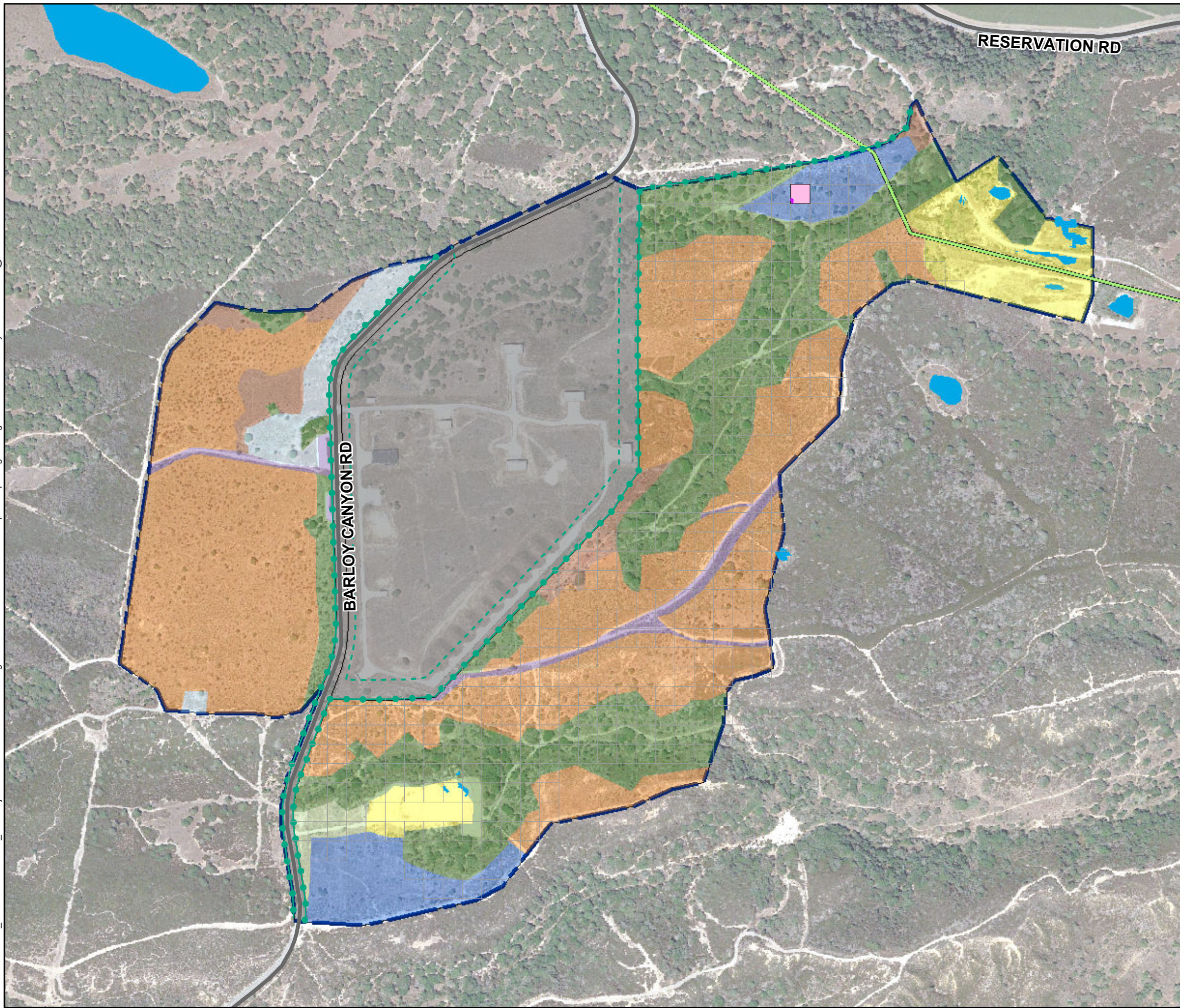
**2014 Annual Natural Resource Report**

**HMP Herbaceous Species in the Future East Garrison MRA - Monterey Spineflower**

FORA ESCA RP  
 Monterey County, California

**Figure 8a**

Z:\GIS\PROJECTS\_ENV\FORTORD\095956\_GIS\Projects\AIMRAs\Habitat\_Monitoring\2014 Annual Natural Resource Report\Report\Figures\Fig 8b FEG Gilia Density.mxd 3/13/2015 @ 12:39:34 PM



### Legend

- Munitions Response Area
- Major Road
- Natural Gas Pipeline
- Development Parcel
- Borderland Interface
- 100-Foot Buffer from Borderland Interface
- Aquatic Features

### Vegetation Types

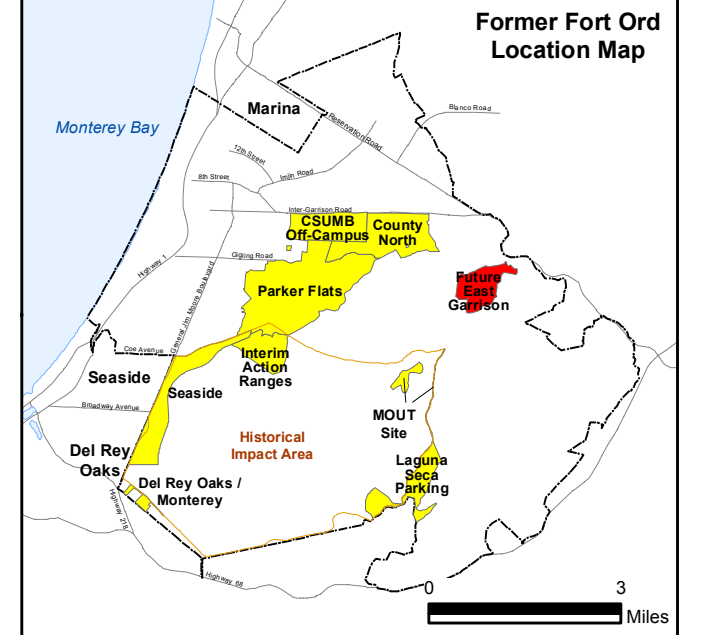
- Central Maritime Chaparral
- Chamise-dominated Chaparral
- Low Quality Disturbed Chaparral
- Coast Live Oak Woodland
- Grassland
- Ruderal and Cleared Areas
- Low Recruitment Area
- Roadways and Fuel Breaks

### 2014 Species Density (# per 10,000 sq. ft.)

(Survey areas shown outside of MRA habitat boundaries serve as reference locations)

- 0
- 1-50
- 2014 Occupied Habitat and Sample Plots

Note: Vegetation mapping modified from 2011 Annual Natural Resource Report



Aerial Source: Google Earth Pro,  
 Accessed 11/21/2014 - Image Date: 8/25/2013

0 500 1,000 Feet

**2014 Annual Natural Resource Report**

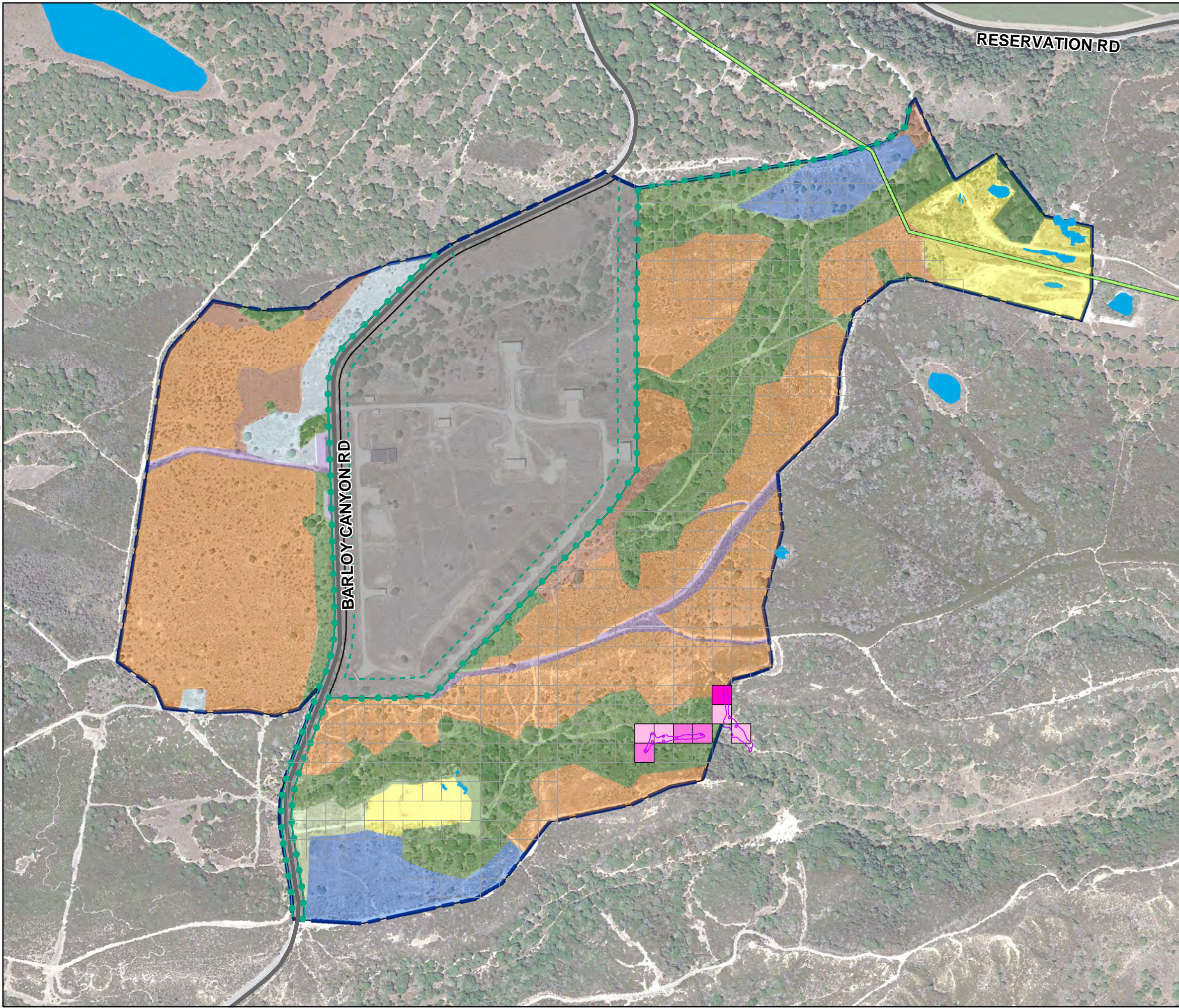
**HMP Herbaceous Species in the Future East Garrison MRA - Monterey Gilia**

FORA ESCA RP  
 Monterey County, California

**Figure 8b**



Z:\GISPROJECTS\_ENV\FORTORD\095956\_GIS\Projects\AIMRAs\Habitat Monitoring\2014 Annual Natural Resource Report\ReportFigures\Fig 8c FEG Seaside Birdsbeak Density.mxd @ 3:24:36 PM



### Legend

- Munitions Response Area
- Major Road
- Natural Gas Pipeline
- Development Parcel
- Borderland Interface
- 100-Foot Buffer from Borderland Interface
- Aquatic Features

### Vegetation Types

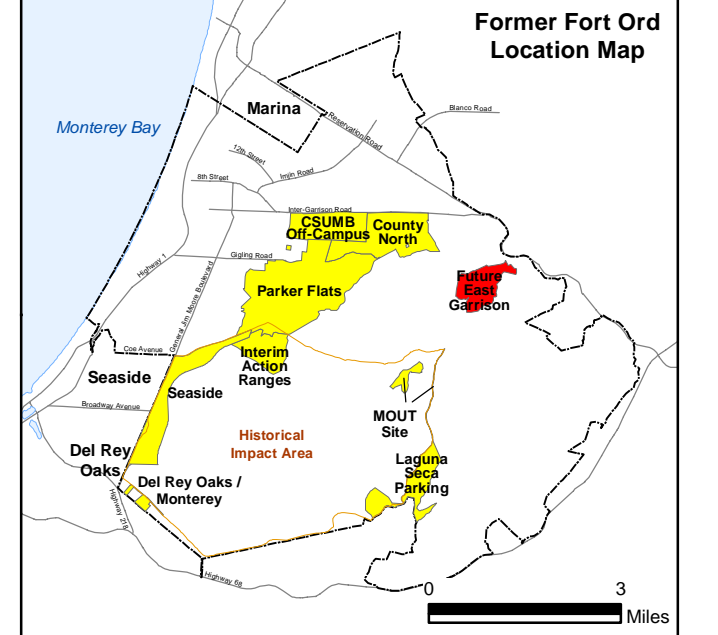
- Central Maritime Chaparral
- Chamise-dominated Chaparral
- Low Quality Disturbed Chaparral
- Coast Live Oak Woodland
- Grassland
- Ruderal and Cleared Areas
- Low Recruitment Area
- Roadways and Fuel Breaks

### 2014 Species Density (# per 10,000 sq. ft.)

(Survey areas shown outside of MRA habitat boundaries serve as reference locations)

<span style="display: inline-block; width: 15px; height: 10px; background-color: white;"></span> 0	<span style="display: inline-block; width: 15px; height: 10px; background-color: magenta;"></span> 101-500
<span style="display: inline-block; width: 15px; height: 10px; background-color: pink;"></span> 1-50	<span style="display: inline-block; width: 15px; height: 10px; border: 1px solid magenta;"></span> 2014 Occupied Habitat and Sample Plots
<span style="display: inline-block; width: 15px; height: 10px; background-color: magenta;"></span> 51-100	

Note: Vegetation mapping modified from 2011 Annual Natural Resource Report



Aerial Source: Google Earth Pro,  
 Accessed 11/21/2014 - Image Date: 8/25/2013

0 500 1,000 Feet



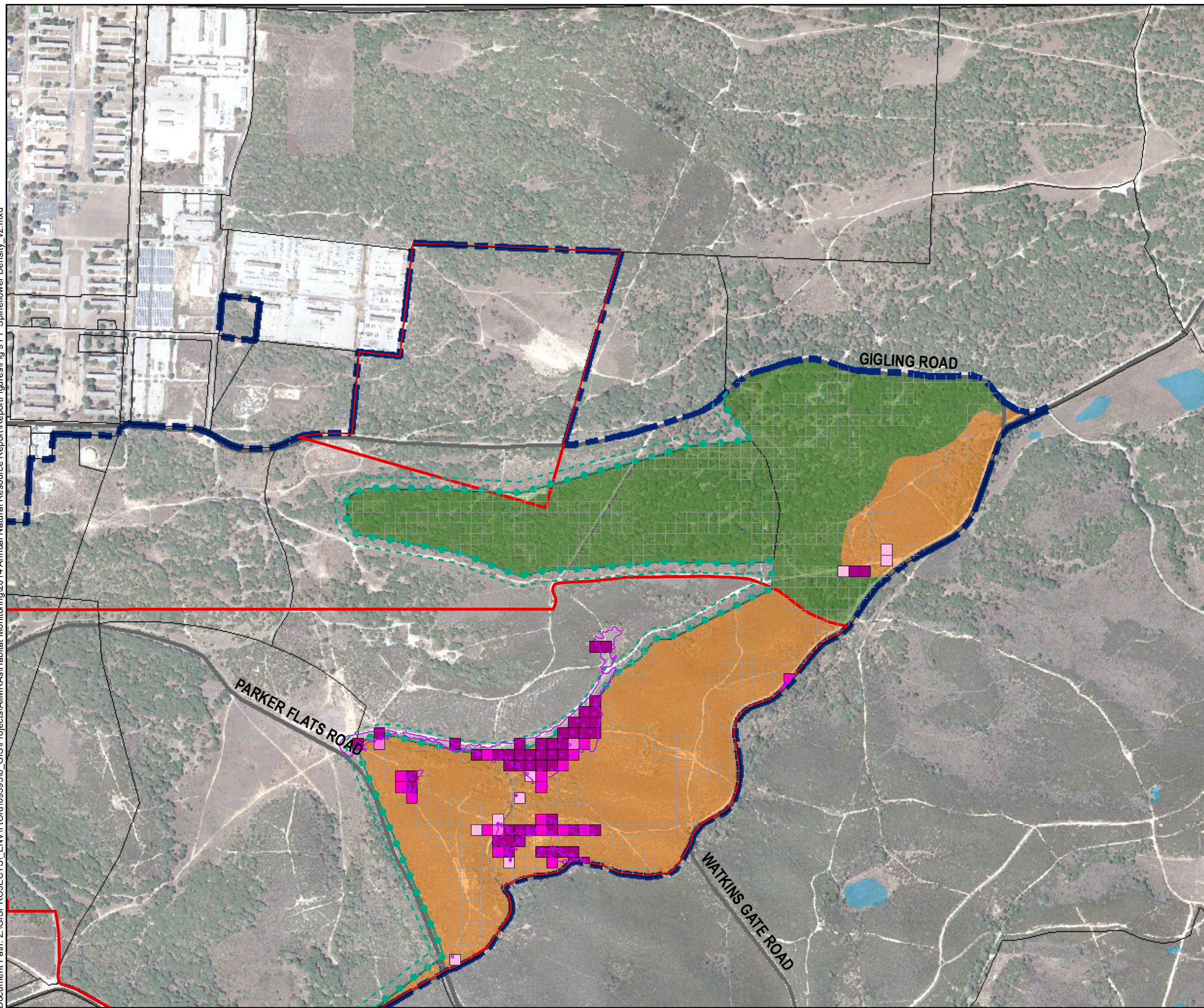
**2014 Annual Natural Resource Report**

**HMP Herbaceous Species in the Future East Garrison MRA - Seaside Bird's Beak**

FORA ESCA RP  
 Monterey County, California

**Figure 8c**

Document Path: Z:\GIS\PROJECTS\ENV\FORTORD\0959516\_GIS\Projects\AIMRAS\Habitat\_Monitoring\2014 Annual Natural Resource Report\Report\Figures\Fig 9 PF Spineflower Density\_v2.mxd



**Legend**

- Munitions Response Area
- Major Road
- Natural Gas Pipeline
- Development Parcel
- Borderland Interface
- 100-Foot Buffer from Borderland Interface
- Aquatic Features
- Phase 1 Boundary

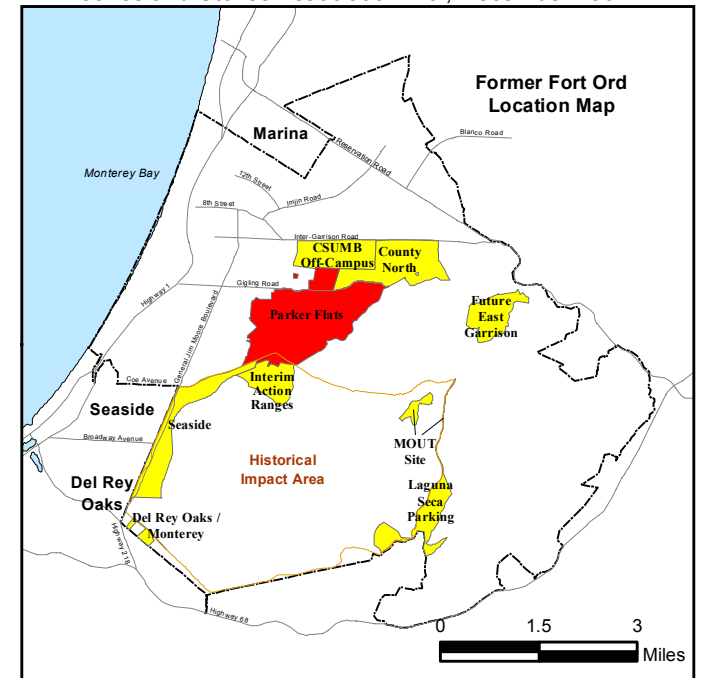
**Vegetation Types**

- Central Maritime Chaparral
- Coast Live Oak Woodland

**2014 Species Density (# per 10,000 sq. ft.)**  
(Survey areas shown outside of MRA habitat boundaries serve as reference locations)

<span style="display: inline-block; width: 15px; height: 10px; background-color: white;"></span> 0	<span style="display: inline-block; width: 15px; height: 10px; background-color: magenta;"></span> 101-500
<span style="display: inline-block; width: 15px; height: 10px; background-color: pink;"></span> 1-50	<span style="display: inline-block; width: 15px; height: 10px; background-color: purple;"></span> >500
<span style="display: inline-block; width: 15px; height: 10px; background-color: lightpink;"></span> 51-100	<span style="display: inline-block; width: 15px; height: 10px; border: 1px solid magenta;"></span> 2014 Occupied Habitat and Sample Plots

NOTE: Monterey Gilia, and Seaside Bird's-Beak were surveyed but were absent.  
 \*Source: Flora and Fauna Baseline Study of Fort Ord, California, Jones and Stokes Association Inc., December 1992.



Aerial Source: Google Earth Pro,  
 Accessed 11/21/2014 - Image Date: 8/25/2013

0 900 1,800 Feet

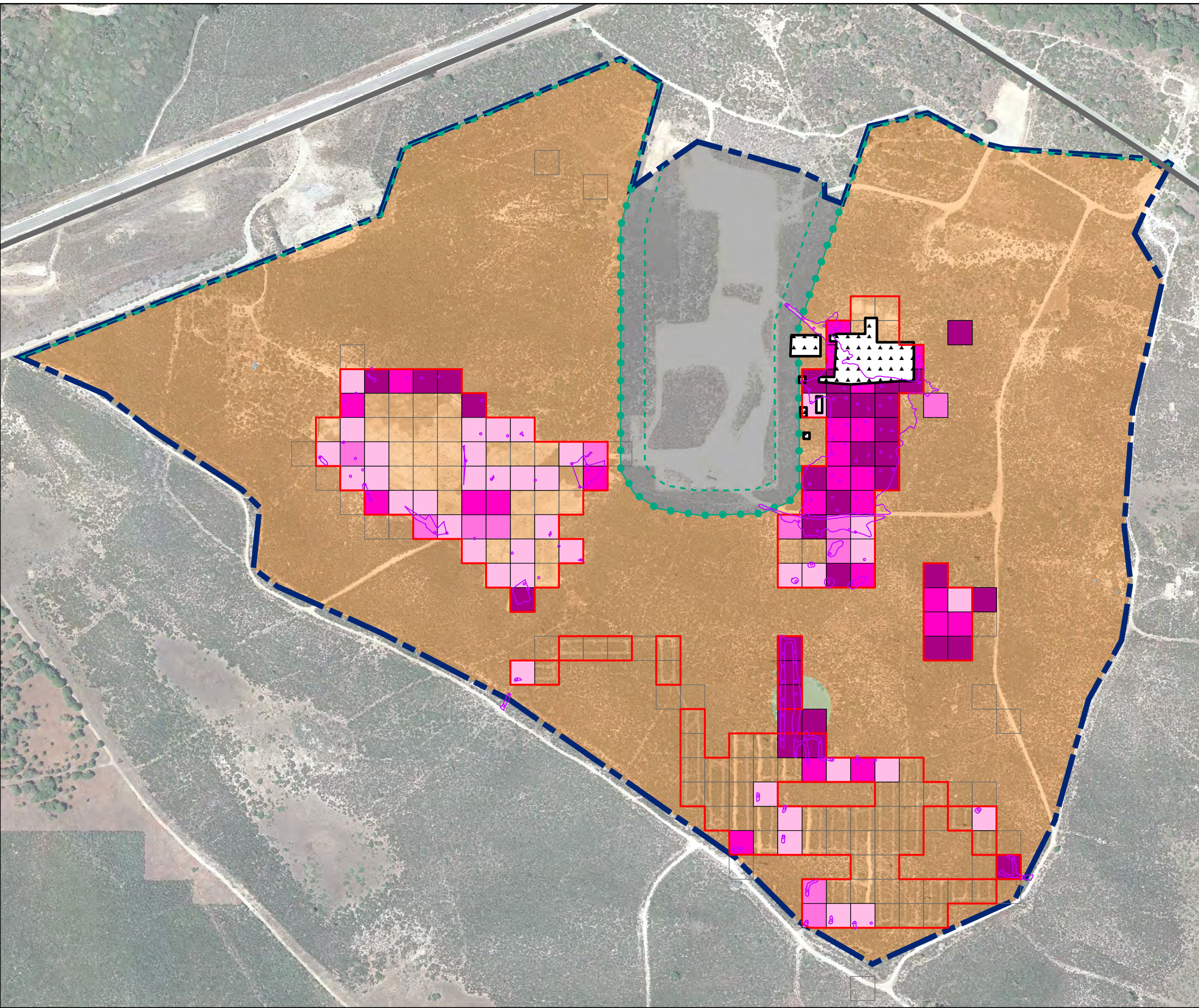


**2014 Annual Natural Resource Report**  
**HMP Herbaceous Species in the Parker Flats MRA - Monterey Spineflower**

FORA ESCA RP  
 Monterey County, California

**Figure 9**

Document Path: Z:\GIS\PROJECTS\ ENV\FORd\095956\_GIS\Projects\AIMRAs\Habitat\_Monitoring\2014 Annual Natural Resource Report\Report\Figures\Fig 10a Spineflower IAR Habitat Density.mxd



### Legend

- Munitions Response Area
- Major Road
- Development Parcel
- Borderland Interface
- 100-Foot Buffer from Borderland Interface
- Special Case and Non-Completed Areas (Work Areas)
- Site 39 (HA44) US Army Action

### Vegetation Types\*

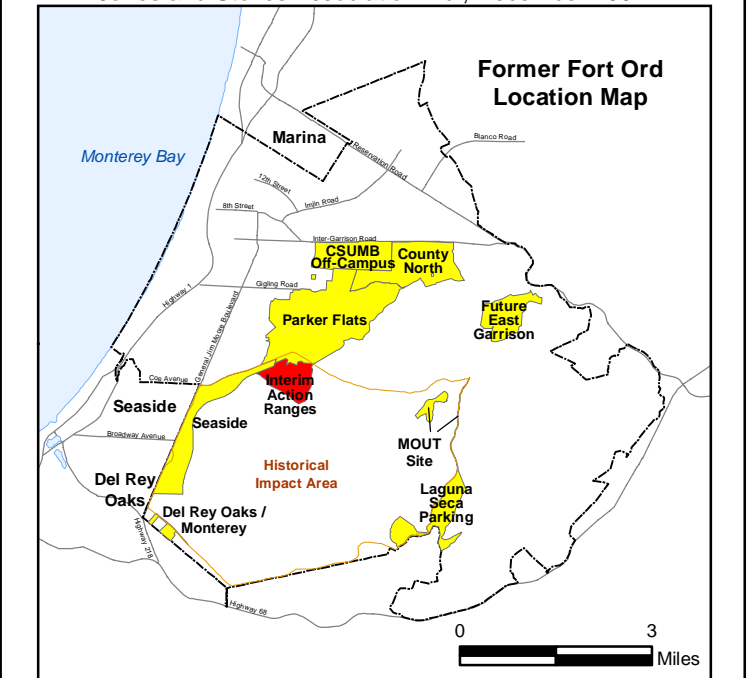
- Central Maritime Chaparral
- Grassland

### 2014 Species Density (# per 10,000 sq. ft.)

(Survey areas shown outside of MRA habitat boundaries serve as reference locations)

<span style="display: inline-block; width: 20px; height: 10px; background-color: white; border: 1px solid black;"></span> 0	<span style="display: inline-block; width: 20px; height: 10px; background-color: #e91e63; border: 1px solid black;"></span> 101-500
<span style="display: inline-block; width: 20px; height: 10px; background-color: #f48fb1; border: 1px solid black;"></span> 1-50	<span style="display: inline-block; width: 20px; height: 10px; background-color: #9c27b0; border: 1px solid black;"></span> 501-10,000
<span style="display: inline-block; width: 20px; height: 10px; background-color: #f06292; border: 1px solid black;"></span> 51-100	<span style="border: 1px solid purple; width: 20px; height: 10px; display: inline-block;"></span> 2014 Occupied Habitat and Sample Plots

\*Source: Flora and Fauna Baseline Study of Fort Ord, California, Jones and Stokes Association Inc., December 1992.



Aerial Source: Google Earth Pro,  
 Accessed 4/17/2014 - Image Date: 8/25/2013

0 400 800 Feet



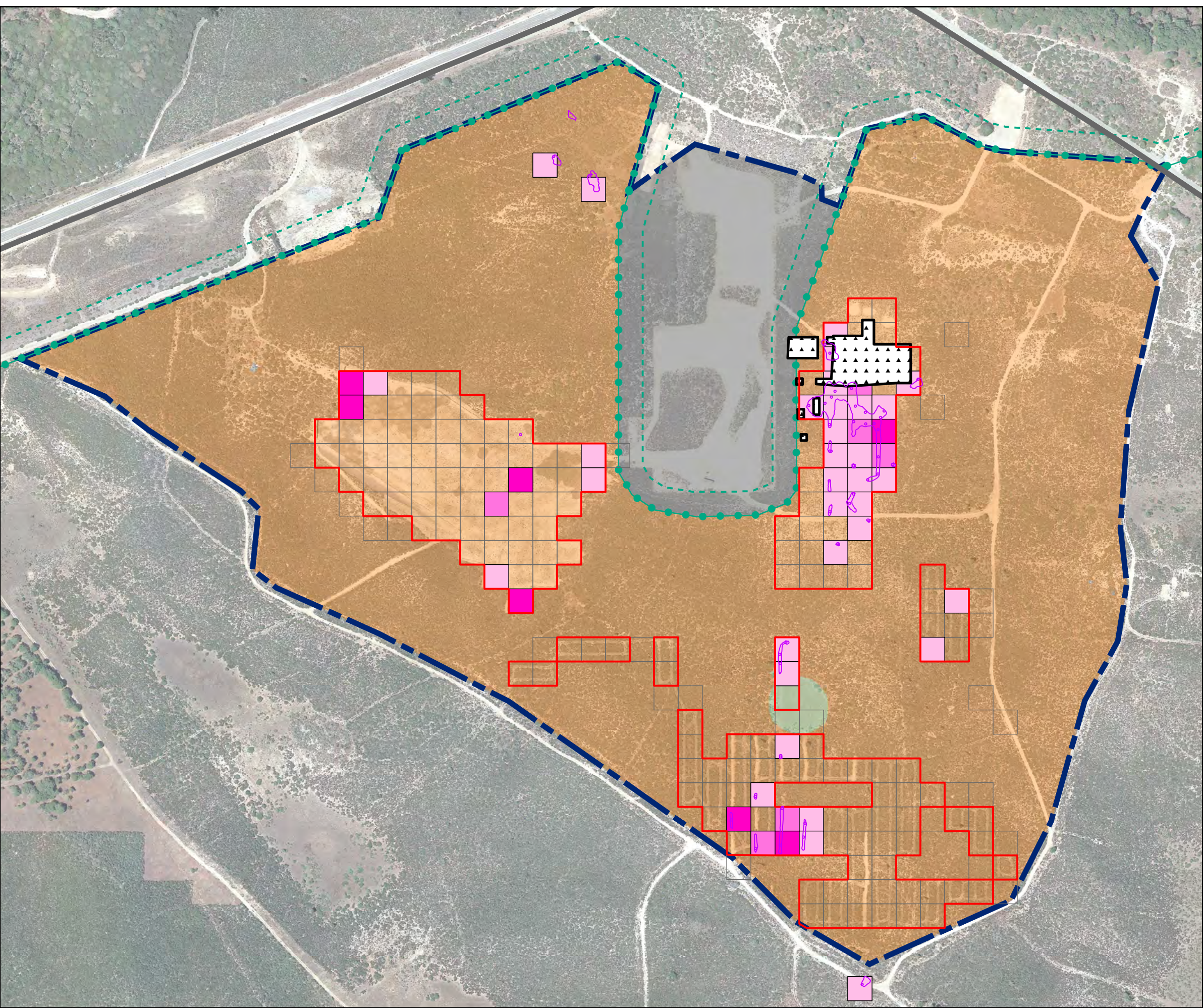
2014 Annual Natural Resource Report

**HMP Herbaceous Species in the Interim Action Ranges MRA Monterey Spineflower**

FORA ESCA RP  
 Monterey County, California

**Figure 10a**

Document Path: Z:\GIS\PROJECTS\ENV\FORd\095956\_GIS\Projects\AIMRAs\Habitat\_Monitoring\2014 Annual Natural Resource Report\Report\Figures\Fig 10b Sand Gilia IAR Habitat Density.mxd



### Legend

- Munitions Response Area
- Major Road
- Development Parcel
- Borderland Interface
- 100-Foot Buffer from Borderland Interface
- Special Case and Non-Completed Areas (Work Areas)
- Site 39 (HA44) US Army Action

### Vegetation Types\*

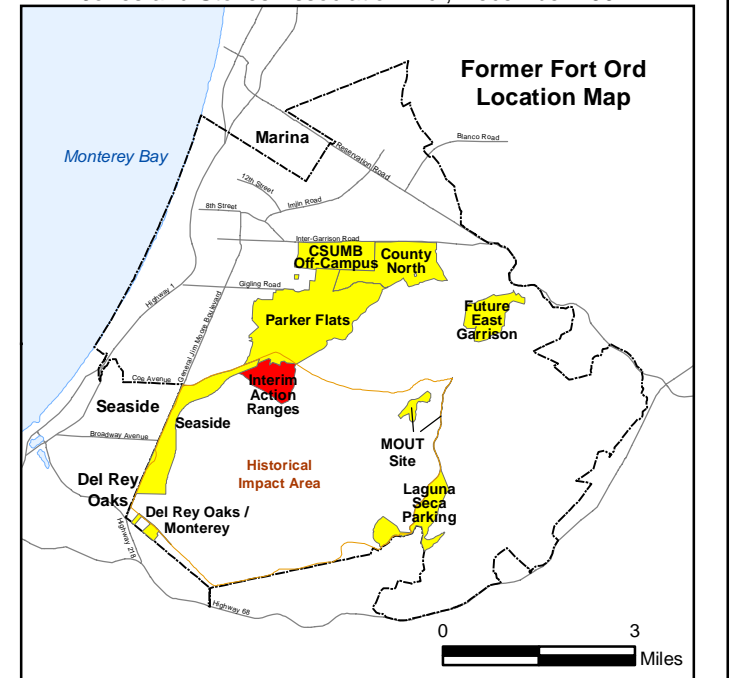
- Central Maritime Chaparral
- Grassland

### 2014 Species Density (# per 10,000 sq. ft.)

(Survey areas shown outside of MRA habitat boundaries serve as reference locations)

0	101-500
1-50	2014 Occupied Habitat and Sample Plots
51-100	

\*Source: Flora and Fauna Baseline Study of Fort Ord, California, Jones and Stokes Association Inc., December 1992.



Aerial Source: Google Earth Pro,  
 Accessed 4/17/2014 - Image Date: 8/25/2013

0 400 800 Feet

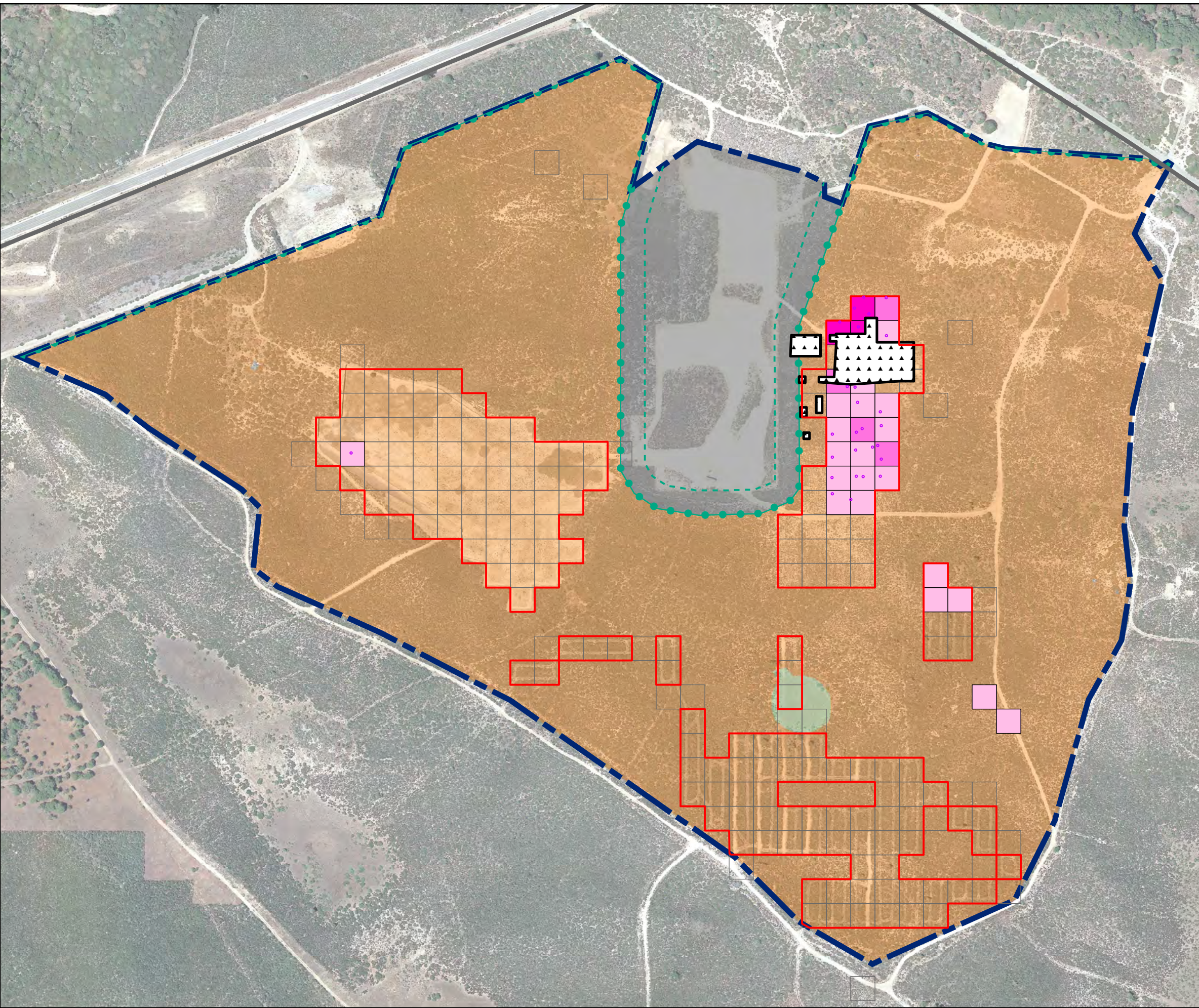
2014 Annual Natural Resource Report

**HMP Herbaceous Species in the Interim Action Ranges MRA Monterey Gilia**

FORA ESCA RP  
 Monterey County, California

**Figure 10b**

Document Path: Z:\GIS\PROJECTS\ENV\FORTD\0959516\_GIS\Projects\AIMRAs\Habitat\_Monitoring\2014 Annual Natural Resource Report\Report\Figures\Fig 10c Birds Beak IAR Habitat Density\_v2.mxd



### Legend

- Munitions Response Area
- Major Road
- Development Parcel
- Borderland Interface
- 100-Foot Buffer from Borderland Interface
- Special Case and Non-Completed Areas (Work Areas)
- Site 39 (HA44) US Army Action

### Vegetation Types\*

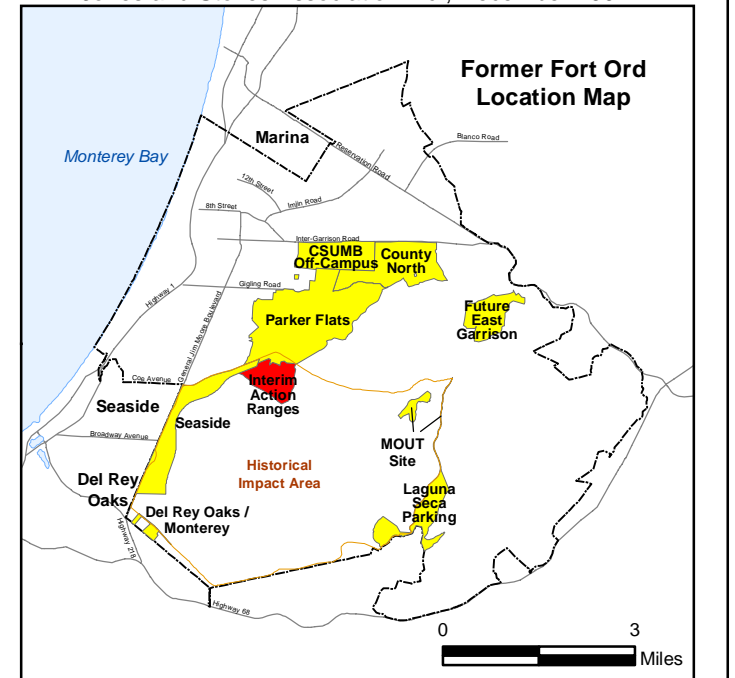
- Central Maritime Chaparral
- Grassland

### 2014 Species Density (# per 10,000 sq. ft.)

(Survey areas shown outside of MRA habitat boundaries serve as reference locations)

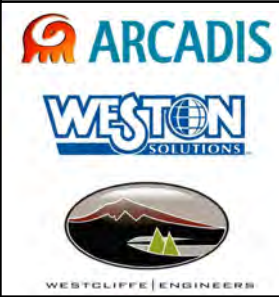
<span style="display: inline-block; width: 15px; height: 10px; background-color: white; border: 1px solid black;"></span> 0	<span style="display: inline-block; width: 15px; height: 10px; background-color: #ff00ff; border: 1px solid black;"></span> 101-500
<span style="display: inline-block; width: 15px; height: 10px; background-color: #ffccff; border: 1px solid black;"></span> 1-50	<span style="display: inline-block; width: 15px; height: 10px; background-color: #ff99ff; border: 1px solid black;"></span> 2014 Occupied Habitat and Sample Plots
<span style="display: inline-block; width: 15px; height: 10px; background-color: #ff99ff; border: 1px solid black;"></span> 51-100	

\*Source: Flora and Fauna Baseline Study of Fort Ord, California, Jones and Stokes Association Inc., December 1992.



Aerial Source: Google Earth Pro,  
 Accessed 4/17/2014 - Image Date: 8/25/2013

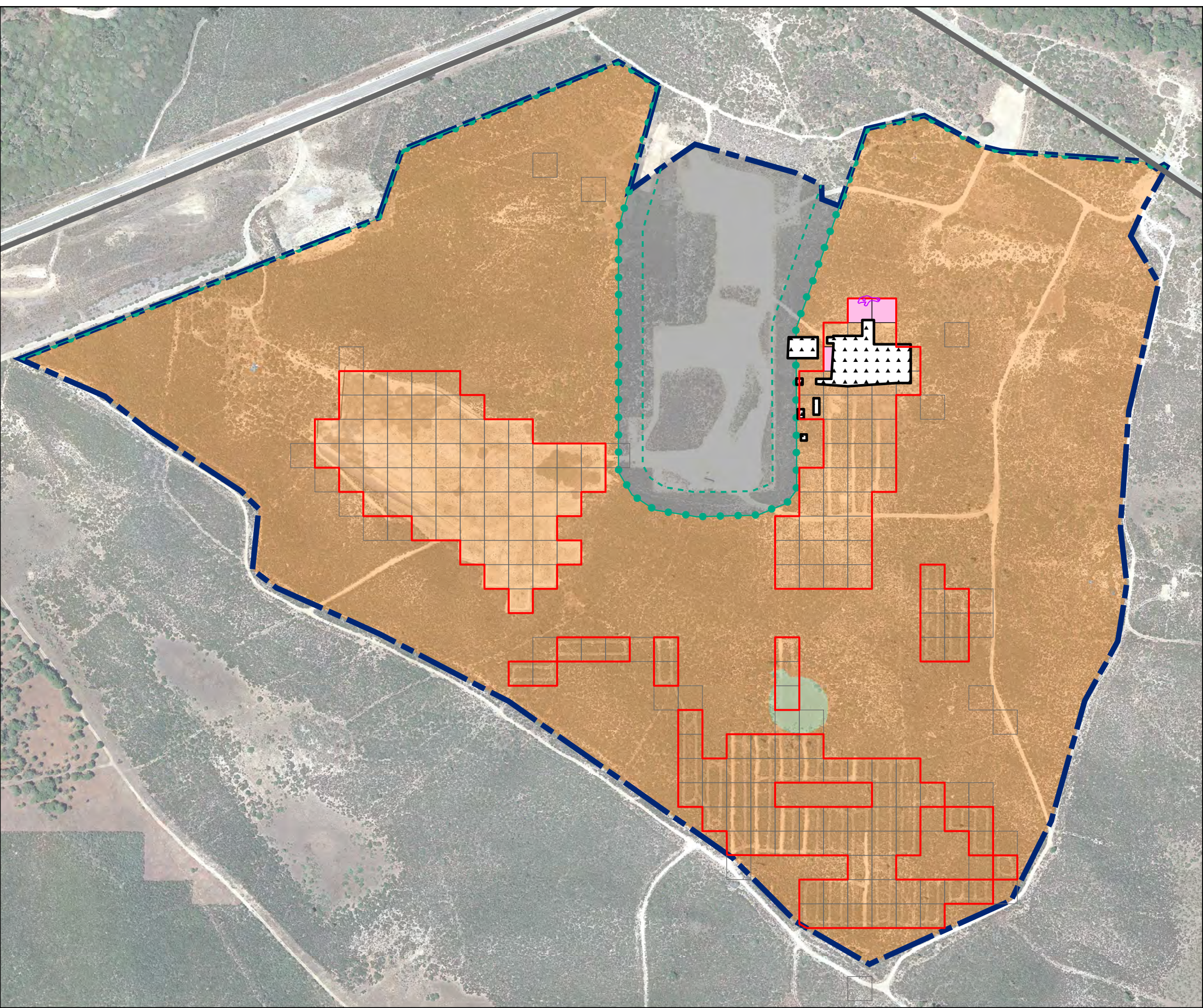
0 400 800 Feet



**2014 Annual Natural Resource Report**  
 HMP Herbaceous Species in the  
 Interim Action Ranges MRA  
 Seaside Bird's-Beak  
 FORA ESCA RP  
 Monterey County, California

**Figure 10c**

Document Path: Z:\GIS\PROJECTS\ENV\FortOrd\095956\_GIS\Projects\AIMRAs\Habitat\_Monitoring\2014 Annual Natural Resource Report\Report\Figures\Fig 10d Wallflower IAR Habitat Density.mxd



### Legend

- Munitions Response Area
- Major Road
- Development Parcel
- Borderland Interface
- 100-Foot Buffer from Borderland Interface
- Special Case and Non-Completed Areas (Work Areas)
- Site 39 (HA44) US Army Action

### Vegetation Types\*

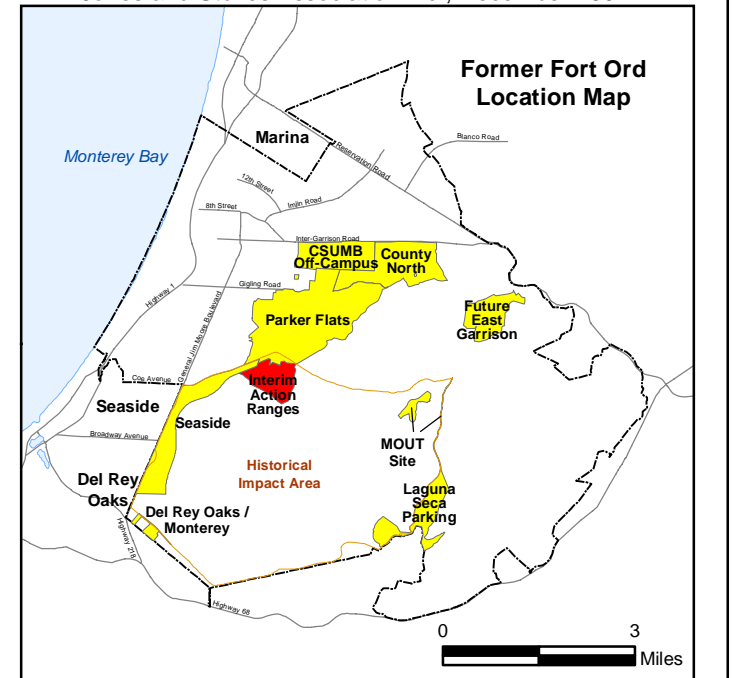
- Central Maritime Chaparral
- Grassland

### 2014 Species Density (# per 10,000 sq. ft.)

(Survey areas shown outside of MRA habitat boundaries serve as reference locations)

- 0
- 1-50
- 2014 Occupied Habitat and Sample Plots

\*Source: Flora and Fauna Baseline Study of Fort Ord, California, Jones and Stokes Association Inc., December 1992.



Aerial Source: Google Earth Pro,  
 Accessed 4/17/2014 - Image Date: 8/25/2013

0 400 800 Feet



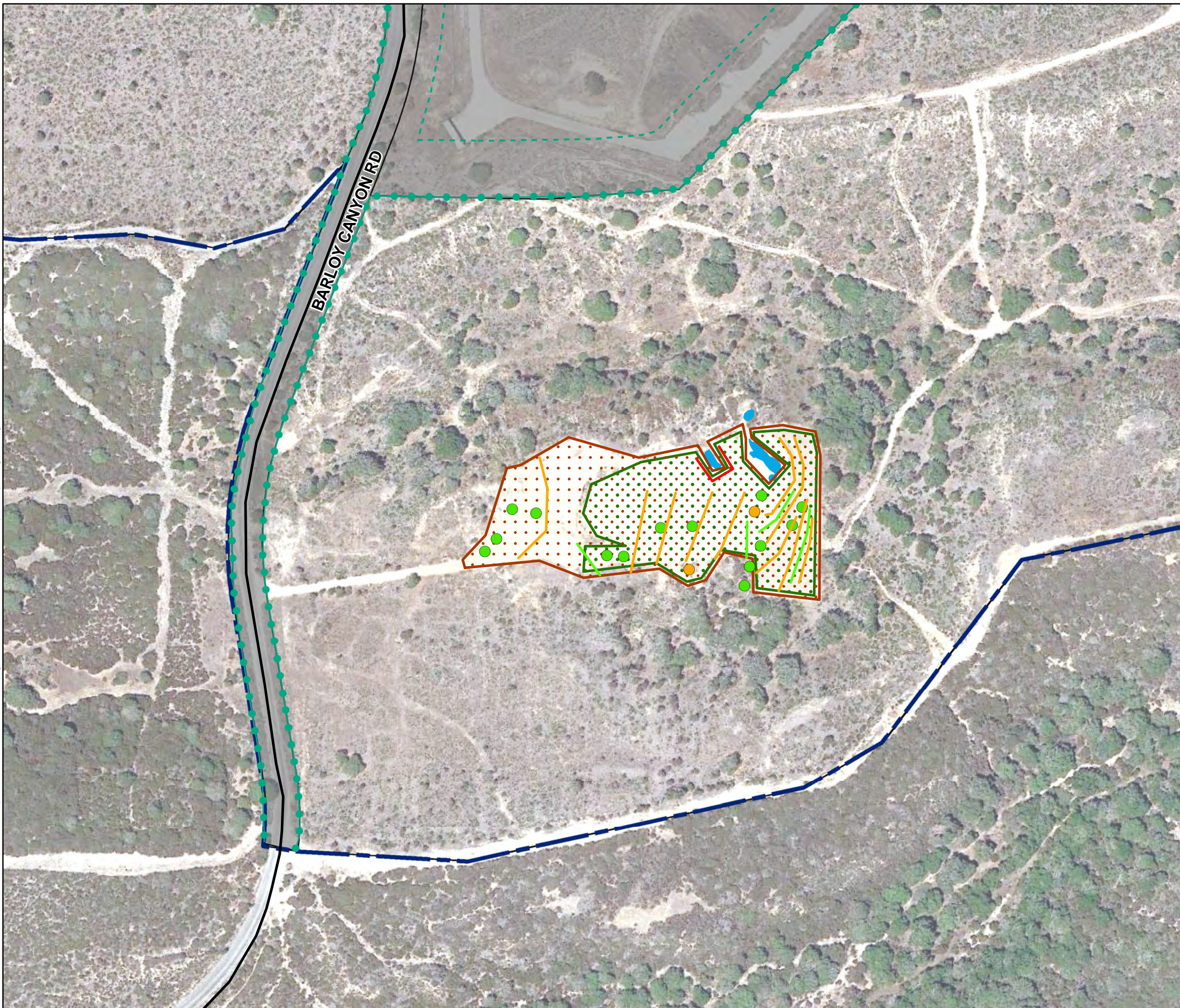
2014 Annual Natural Resource Report

**HMP Herbaceous Species in the Interim Action Ranges MRA Coast Wallflower**

FORA ESCA RP  
 Monterey County, California

**Figure 10d**

Z:\GISPROJECTS\ENV\FortOrd\09595\6\_GIS\Projects\AIMRAs\Habitat Monitoring\2014 Annual Natural Resource Report\ReportFigures\Fig 11a Erosion Monitoring - FEG.mxd 12/15/2014 @ 2:15:29 PM

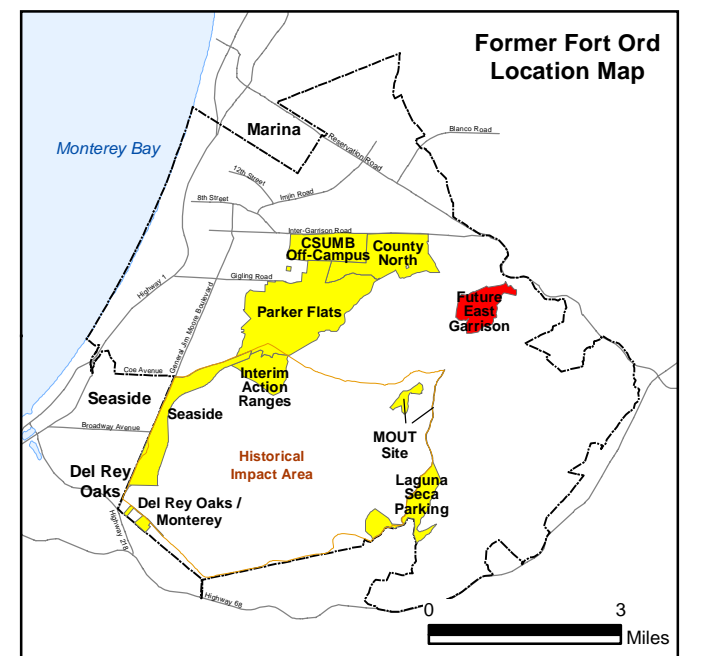


### Legend

- Major Road
- Munitions Response Area
- Development Parcel
- Aquatic Features
- Borderland Interface
- 100-Foot Buffer from Borderland Interface

### Erosion Control Measures

- 2013 Sand Bags/Straw Bales/ Erosion Control Blanket
- 2014 Sand Bags/Straw Bales/ Erosion Control Blanket
- 2013 Silt Fencing
- 2013 Straw Wattles/Water Bars
- 2014 Straw Wattles/Water Bars
- 2014 Hydroseed Areas
- 2013 Hydroseed Areas



Aerial Source: Google Earth Pro,  
 Accessed 11/21/2014 - Image Date: 8/25/2013

0 170 340 Feet

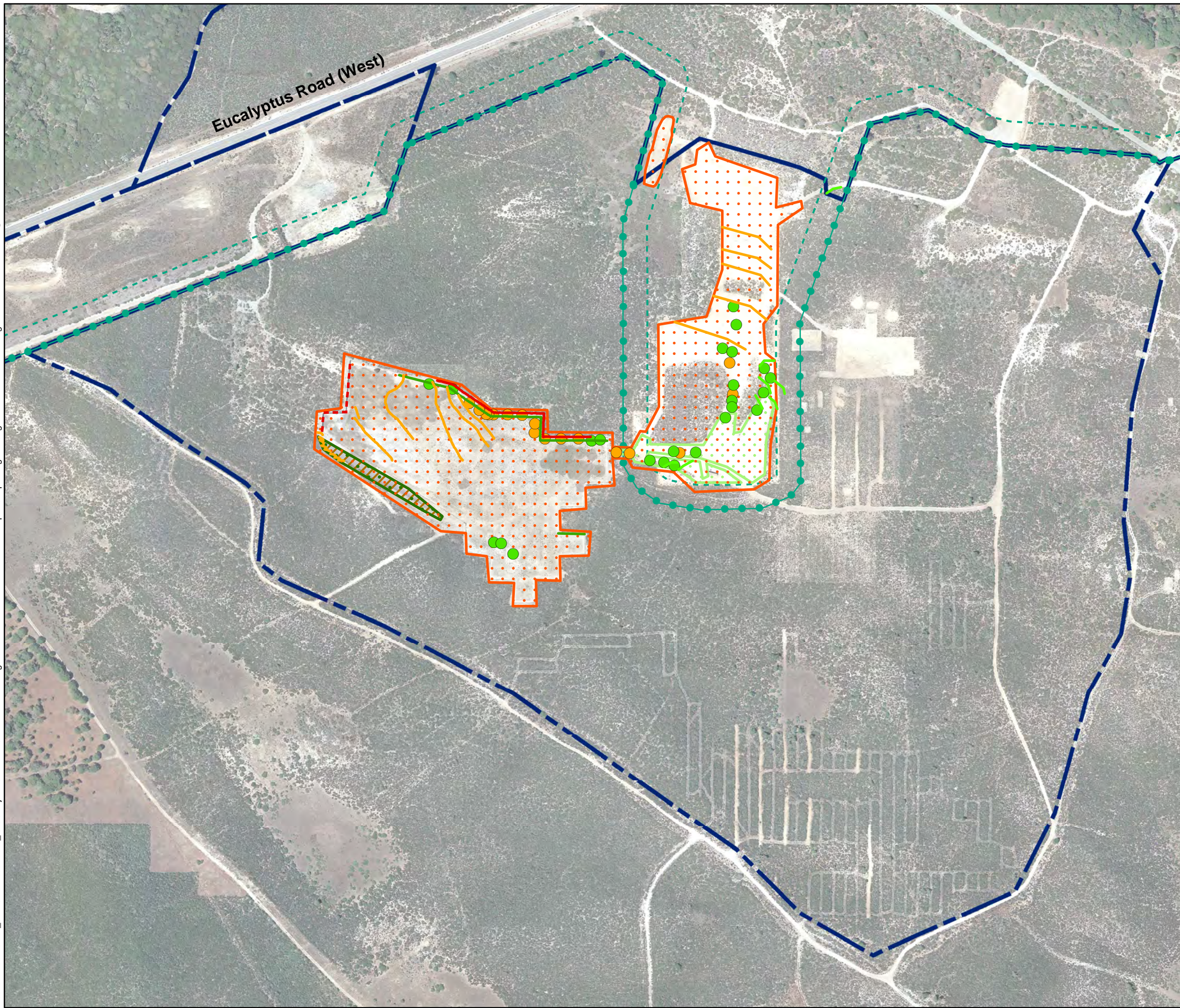


2014 Annual Natural Resource Report  
 Erosion Control BMPs in FEG MRA  
 2013-2014

FORA ESCA RP  
 Monterey County, California

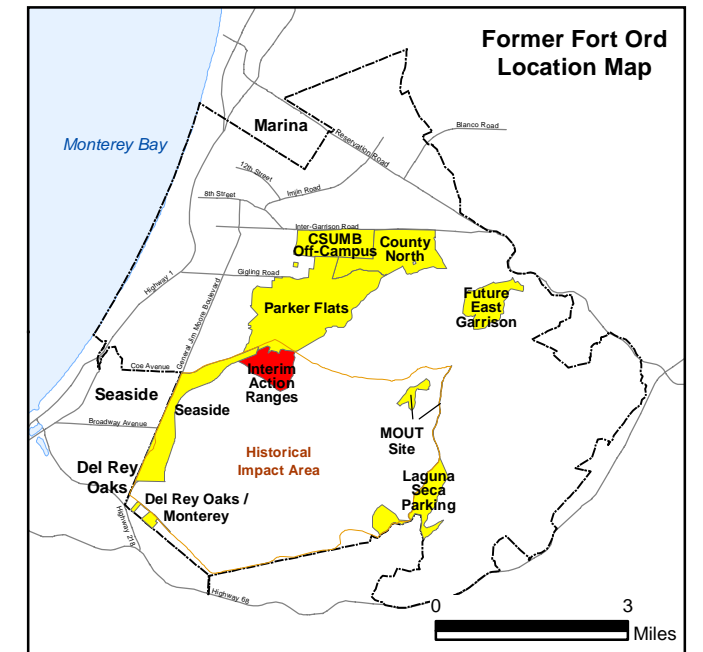
**Figure 11a**

Z:\GISPROJECTS\ENV\FORTORD\09595\6\_GIS\Projects\A\IMRA\As\Habitat Monitoring\2014 Annual Natural Resource Report\ReportFigures\Fig 11b Erosion Monitoring - IAR.mxd 12/15/2014 @ 12:22:13 PM

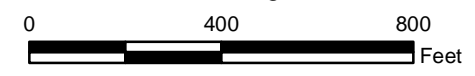


### Legend

- Major Road
  - Munitions Response Area
  - Borderland Interface
  - - - 100-Foot Buffer from Borderland Interface
- Erosion Control Measures**
- 2013 Sand Bags/Straw Bales/Erosion Control Blanket
  - 2014 Sand Bags/Straw Bales/Erosion Control Blanket
  - 2013 Silt Fencing
  - - - 2013 Wind Screen
  - 2013 Straw Wattles/Water Bars
  - 2014 Silt Fencing
  - 2014 Straw Wattles/Water Bars
  - 2013 Hydromulch Areas
  - ▨ 2013 Erosion Control Blanket
  - 2014 Hydromulch Areas
  - 2014 Hydroseed Areas



Aerial Source: Google Earth Pro,  
 Accessed 11/21/2014 - Image Date: 8/25/2013



2014 Annual Natural Resource Report  
**Erosion Control BMPs in IAR MRA  
 2013-2014**

FORA ESCA RP  
 Monterey County, California

**Figure 11b**



Figure 12G.  
FEG MRA – Mean Shrub Cover after Vegetation Cutting

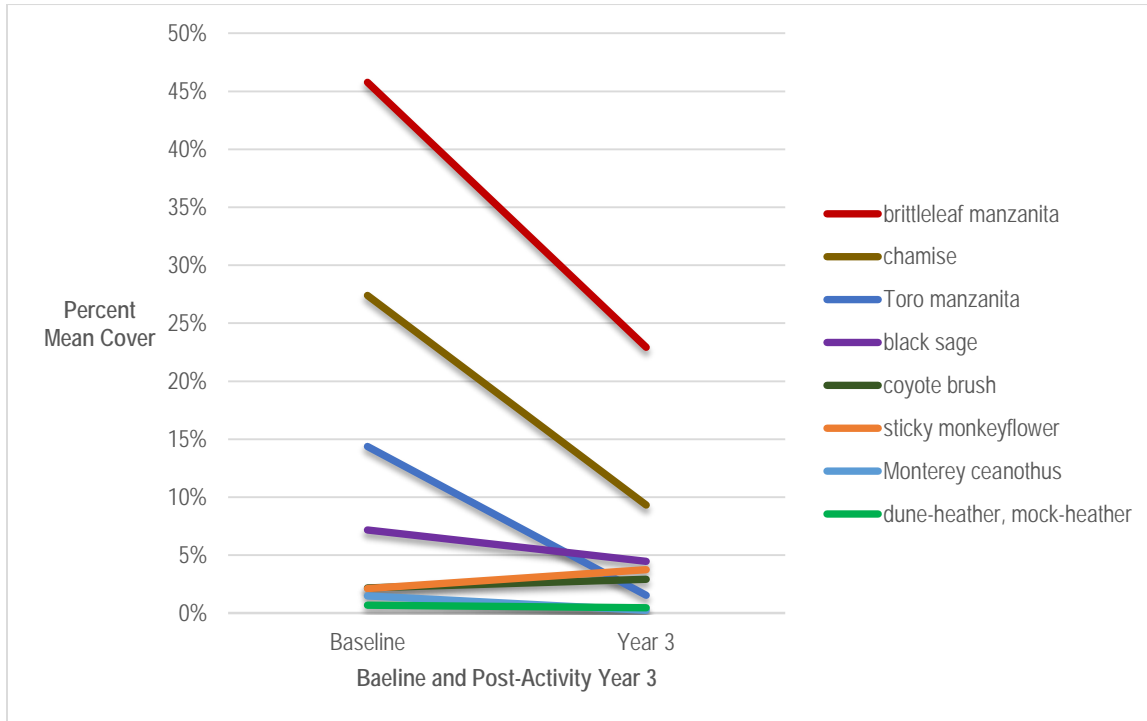


Figure 13G.  
FEG MRA - Mean Frequency of Shrub Species after Vegetation Cutting

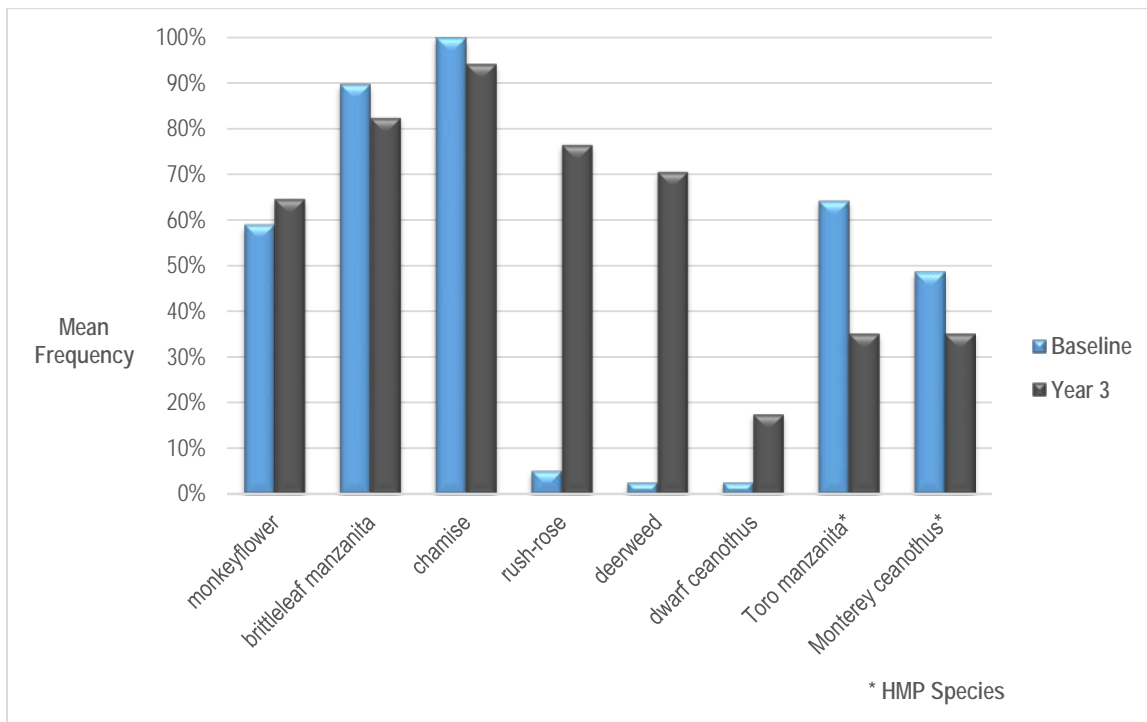


Figure 14G.  
Parker Flats MRA Phase 2 – Mean Shrub Cover in Central Maritime Chaparral after Vegetation Cutting

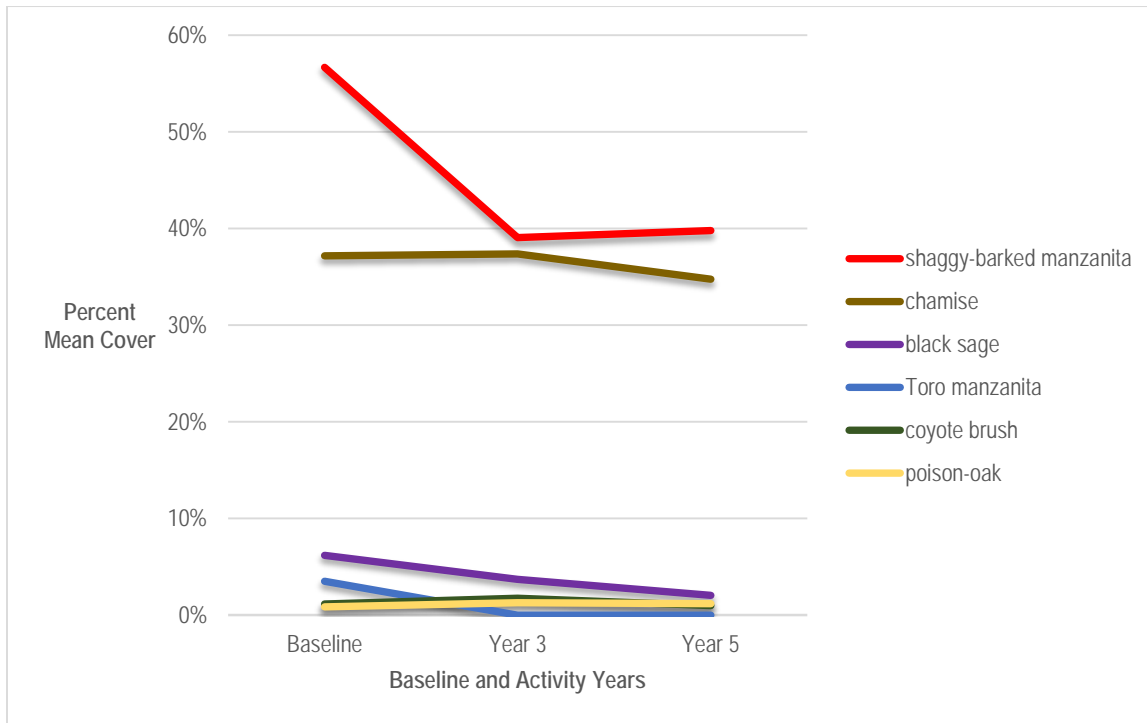
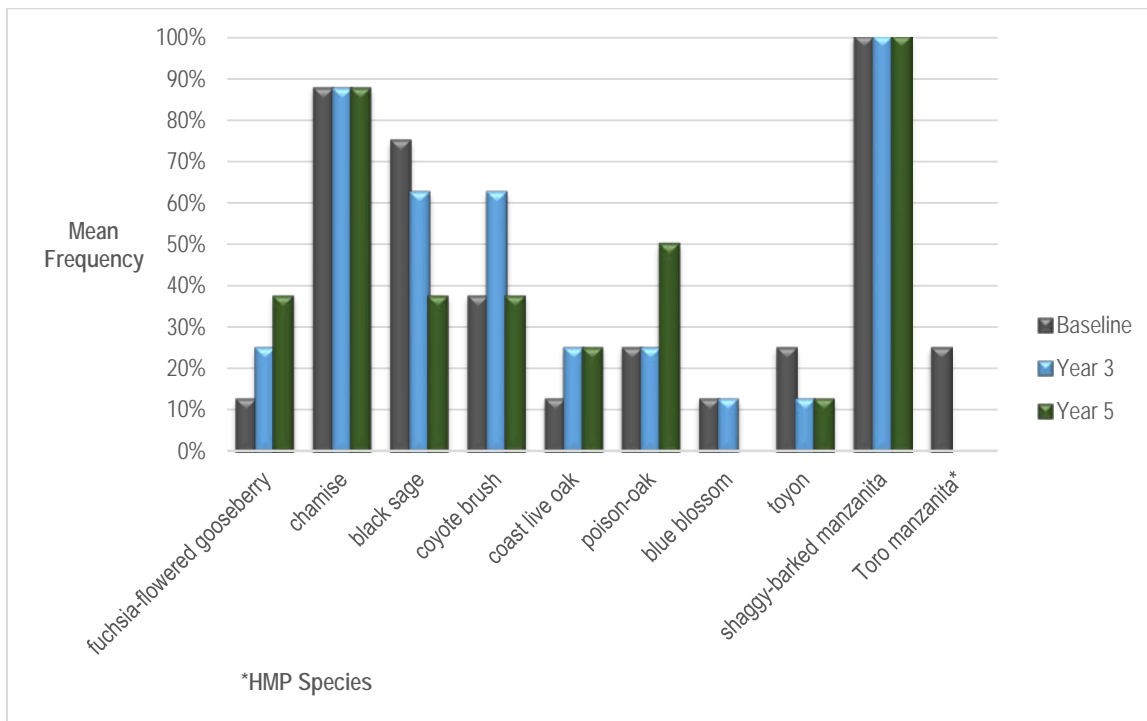
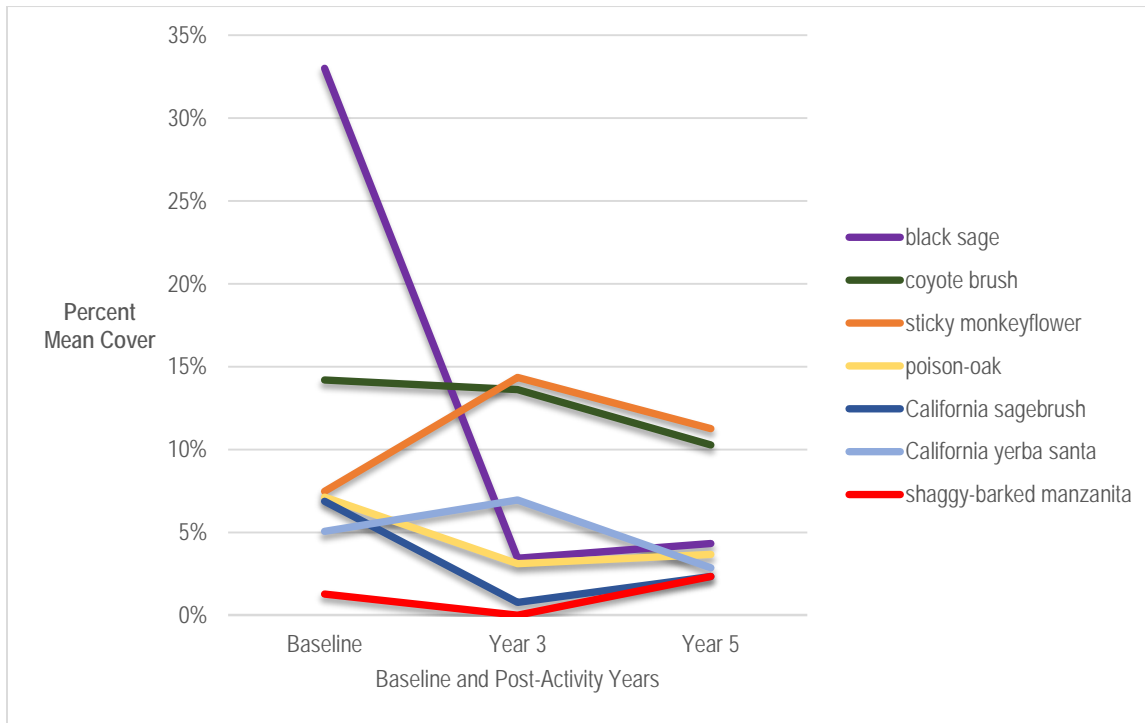


Figure 15G.  
Parker Flats MRA Phase 2 – Mean Frequency of Shrub Species in Central Maritime Chaparral after Vegetation Cutting



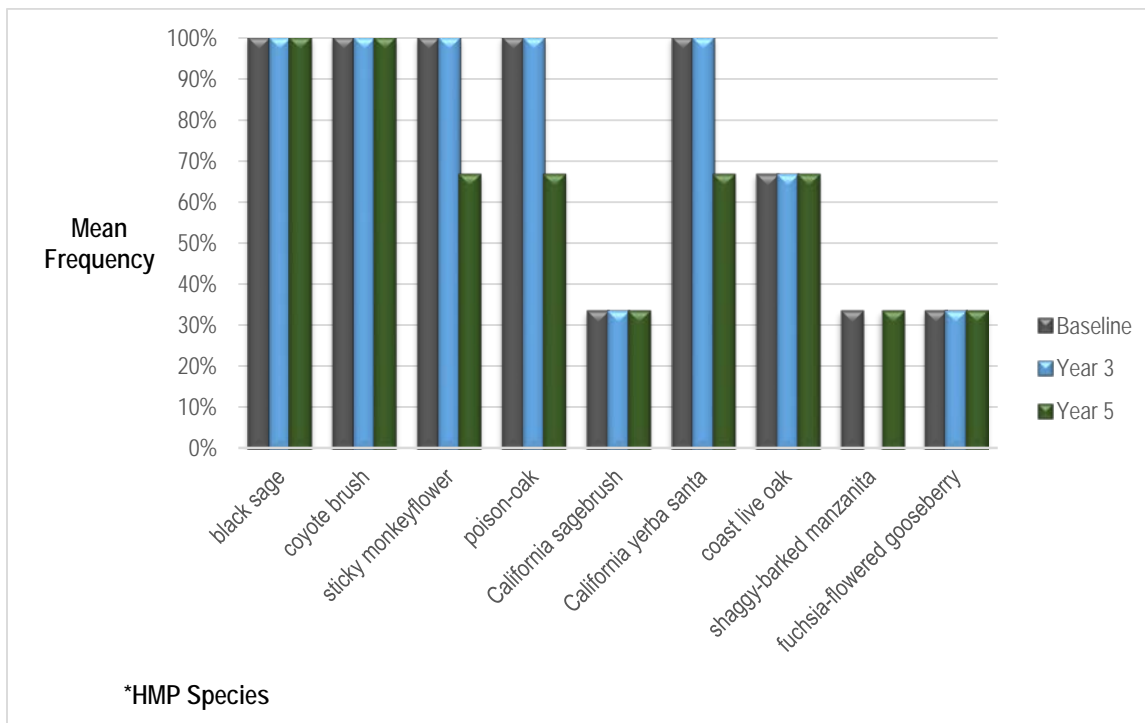
16G.

Parker Flats MRA Phase 2 – Mean Shrub Cover in Central Coastal Scrub after Vegetation Cutting



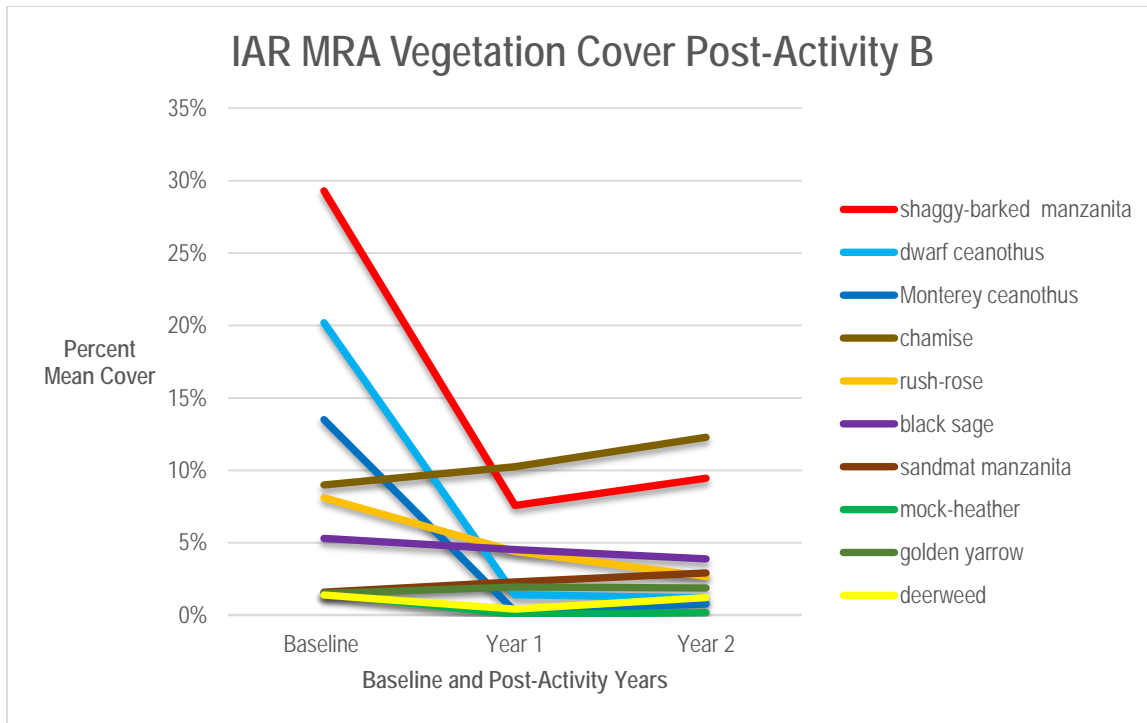
17G.

Parker Flats MRA Phase 2 – Mean Frequency of Shrub Species in Central Coastal Scrub after Vegetation Cutting



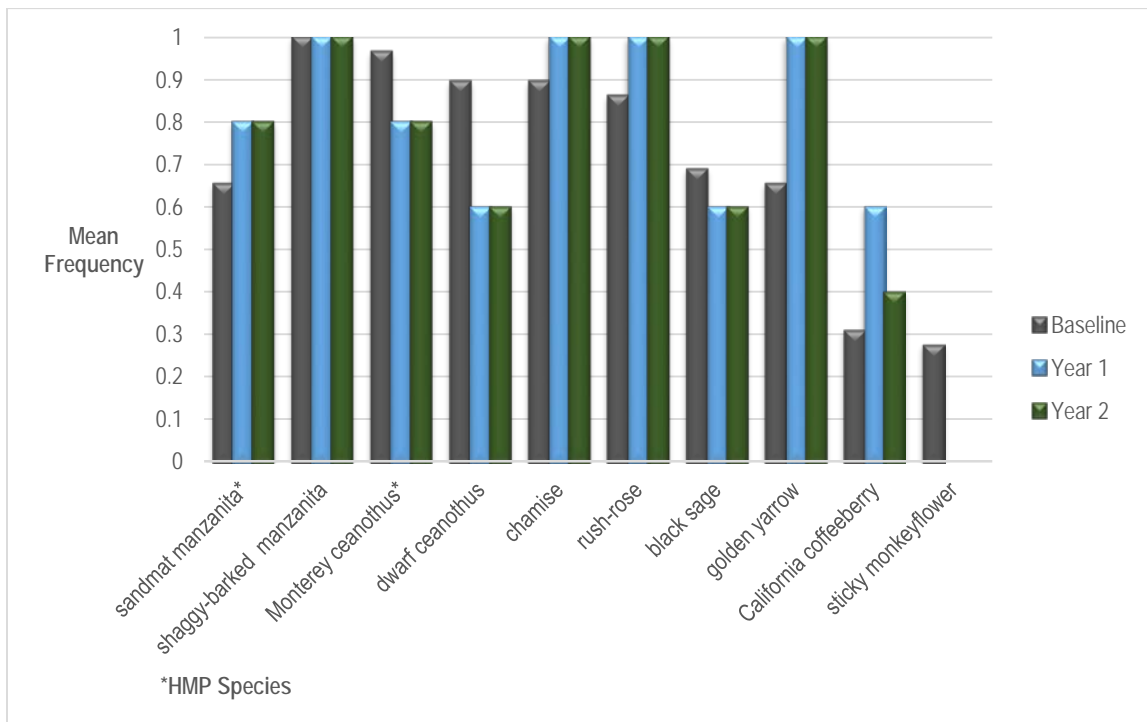
18G.

IAR MRA North Range 44 – Mean Shrub Cover after Vegetation Cutting



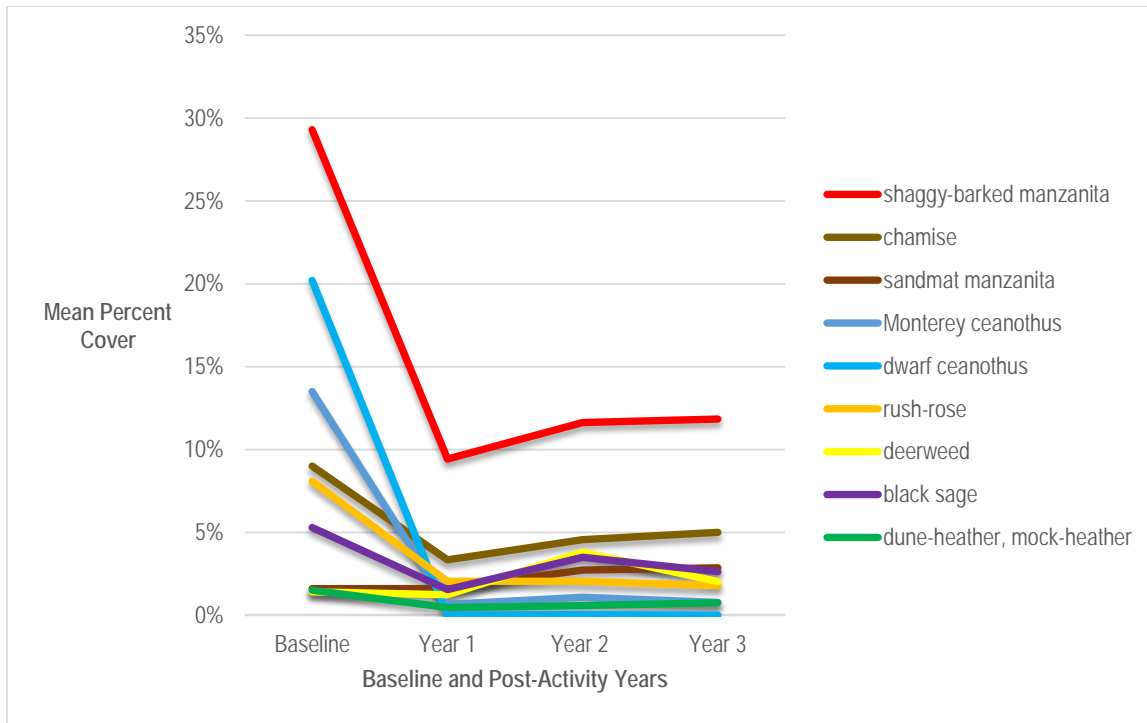
19G.

IAR MRA North Range 44 – Mean Frequency of Shrub Species after Vegetation Cutting



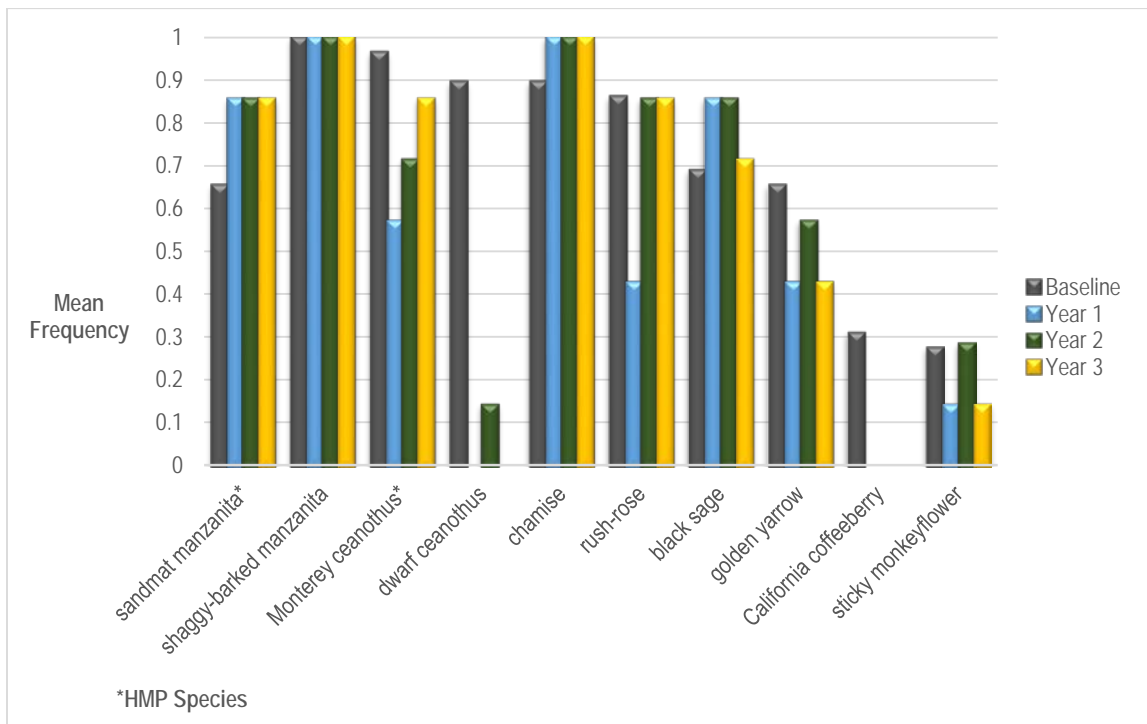
20G.

IAR MRA South Range 44 – Mean Shrub Cover after Vegetation Cutting



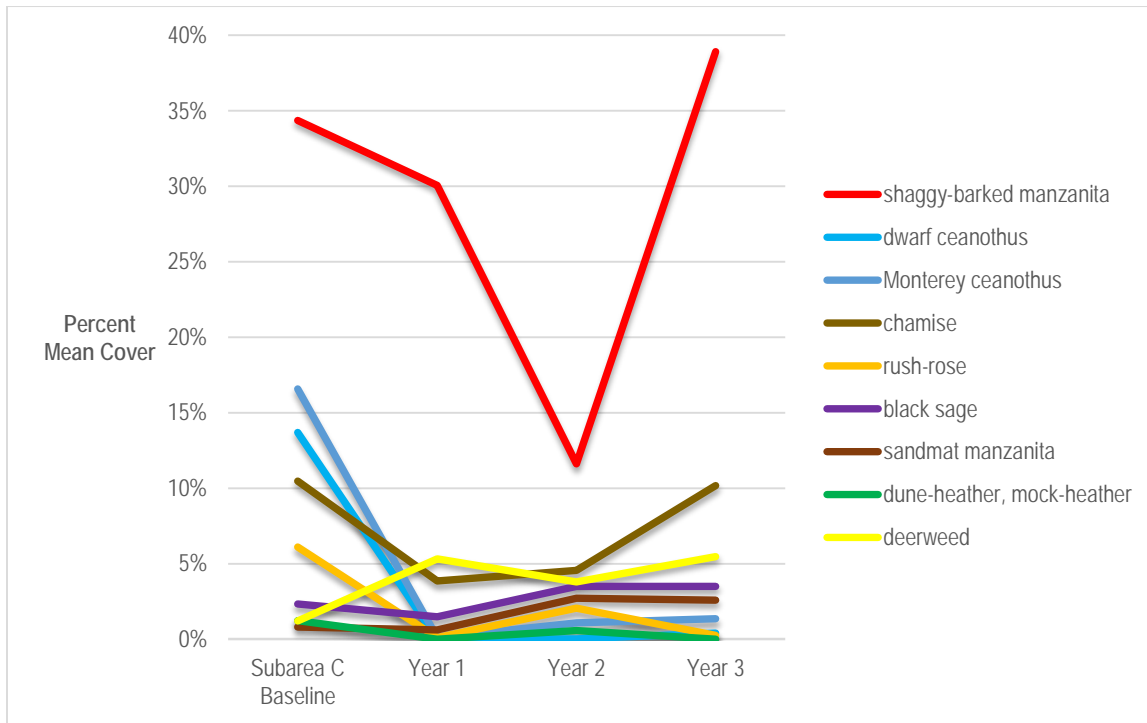
21G.

IAR MRA South Range 44 – Mean Frequency of Shrub Species after Vegetation Cutting



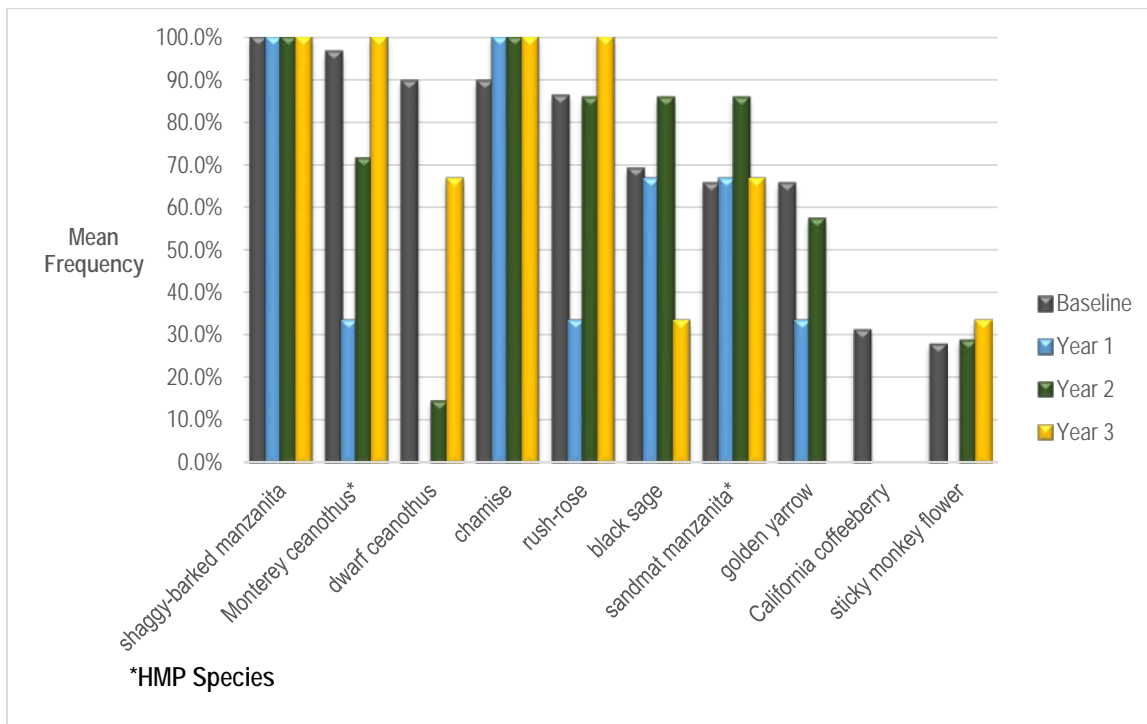
22G.

IAR MRA Range 47 Subarea C – Mean Shrub Cover after Vegetation Cutting



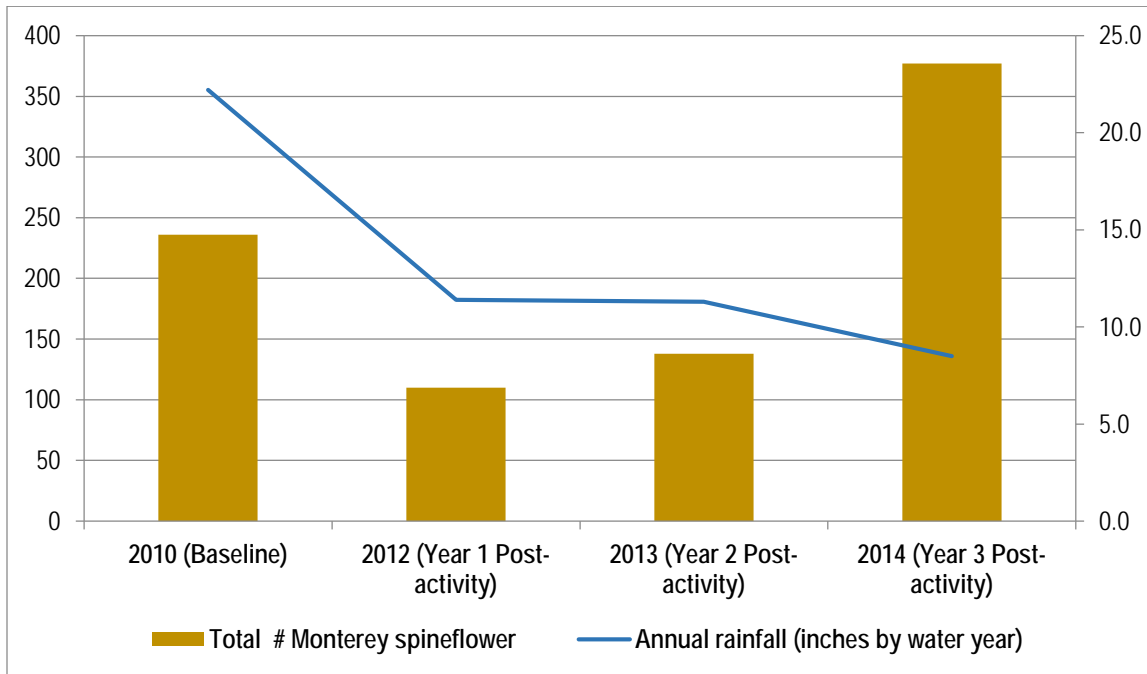
23G.

IAR MRA Range 47 Subarea C – Mean Frequency of Shrub Species after Vegetation Cutting



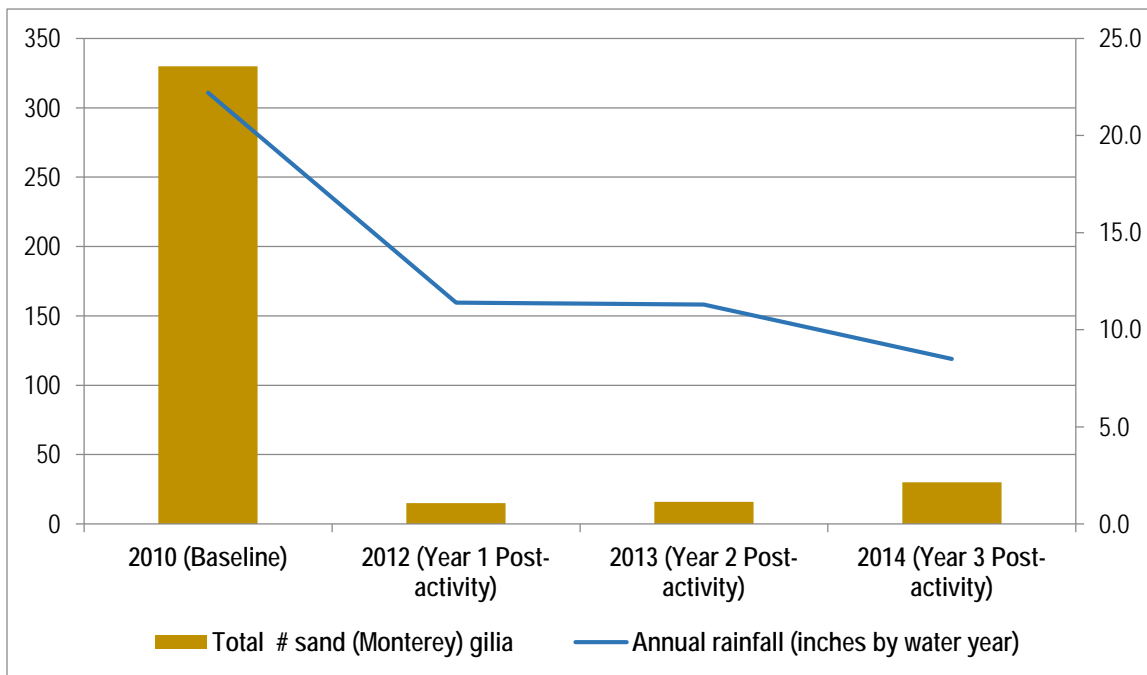
24G.

FEG MRA – Total Number of Monterey Spineflower before and after Vegetation Cutting Compared with Annual Rainfall.



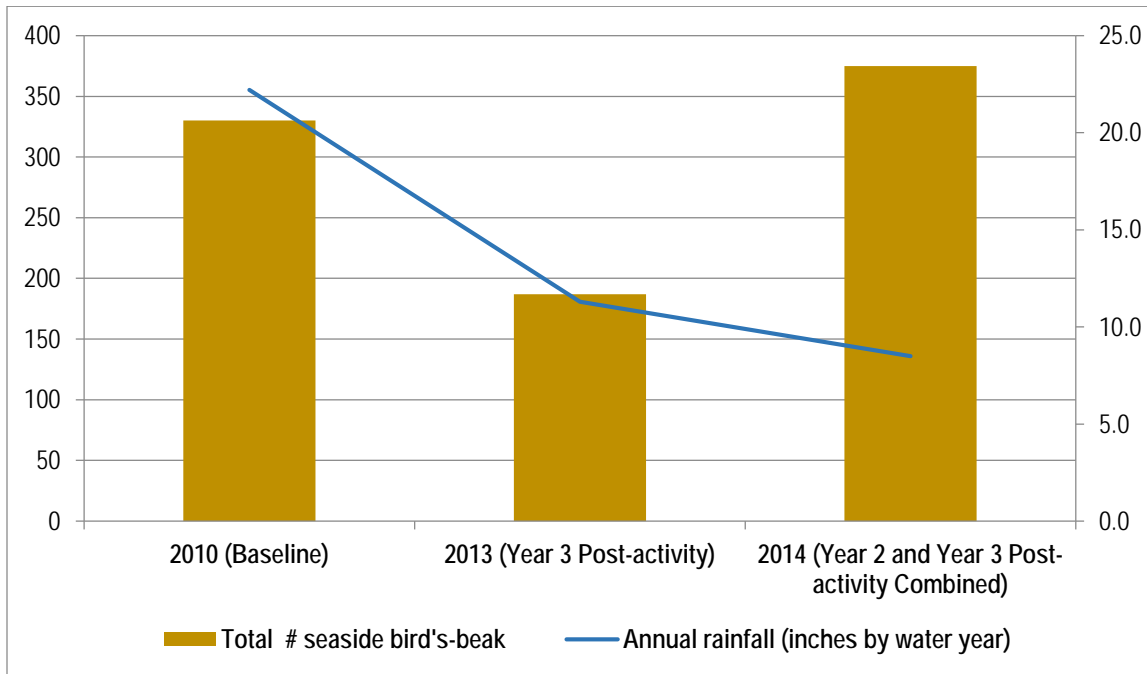
25G.

FEG MRA – Total Number of Sand (Monterey) Gilia before and after Vegetation Cutting Compared with Annual Rainfall



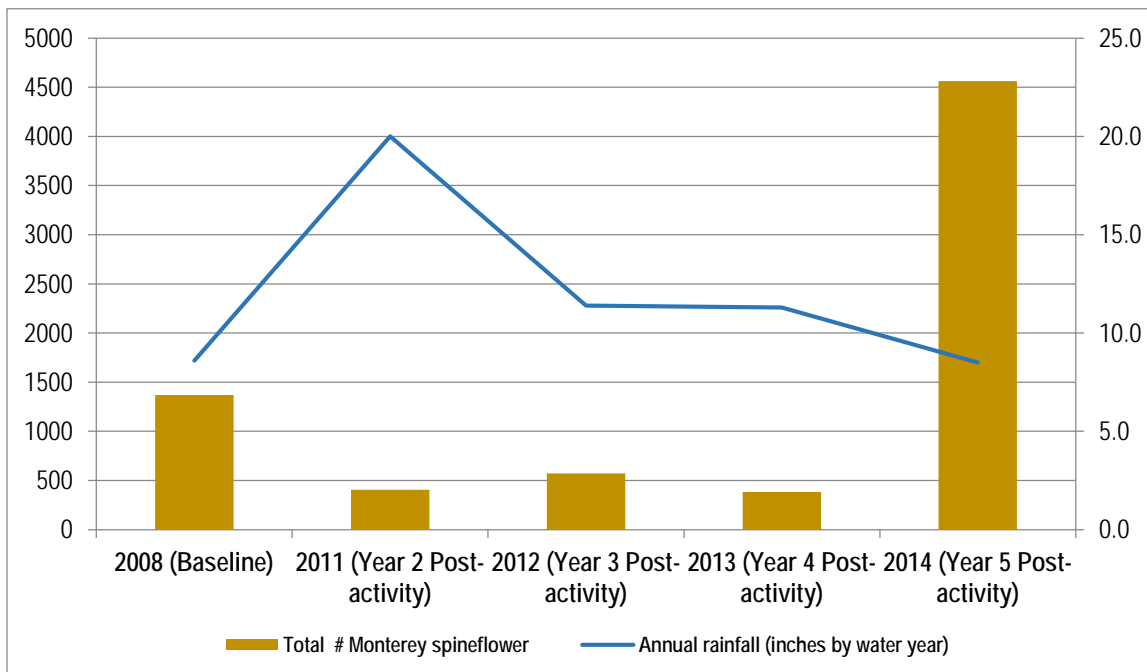
26G.

FEG MRA – Total Number of Seaside Bird’s-beak before and after Vegetation Cutting Compared with Annual Rainfall



27G.

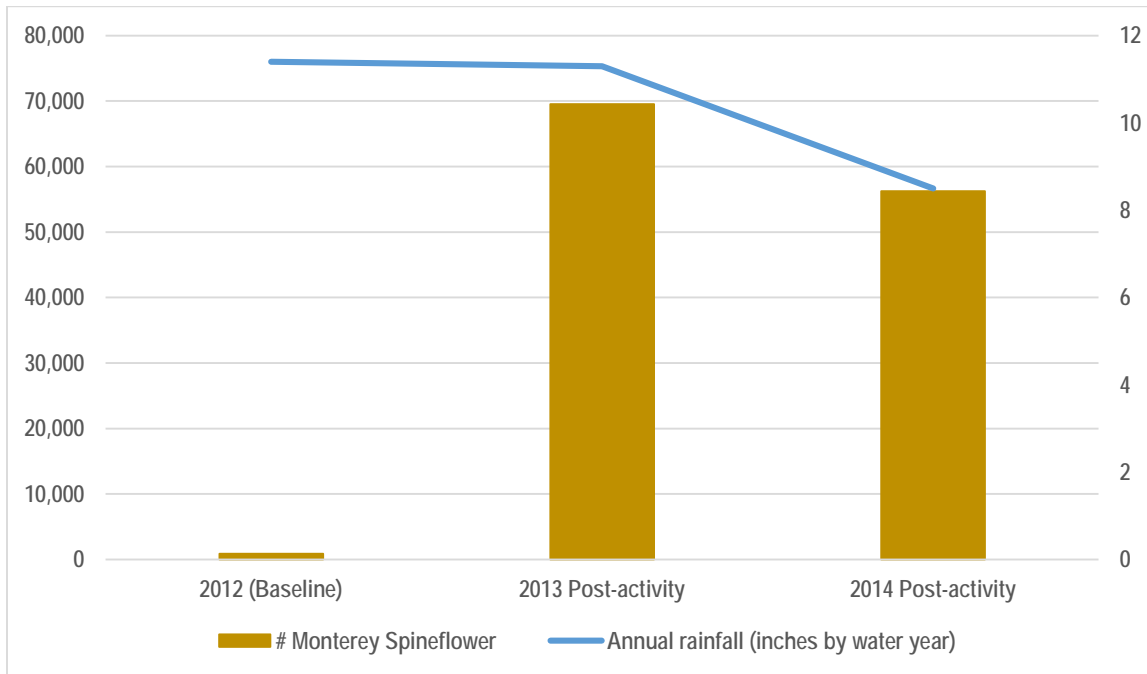
Parker Flats MRA Phase 2 – Total Number of Monterey Spineflower before and after Vegetation Cutting Compared with Annual Rainfall.





28G.

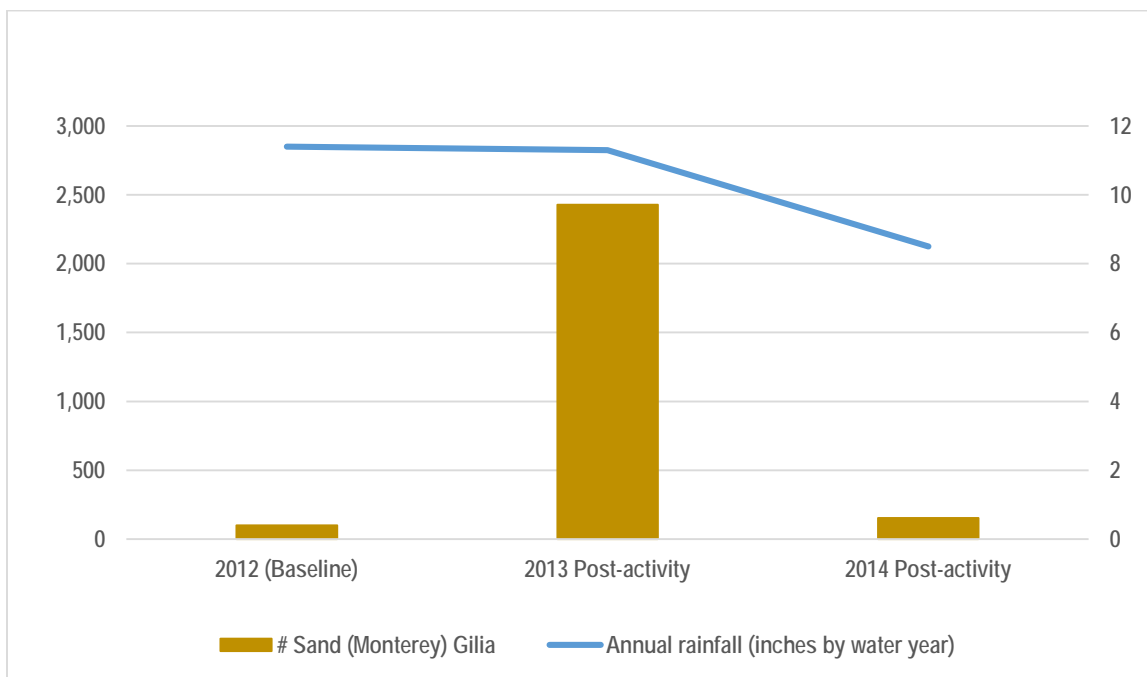
IAR MRA – Total Number of Monterey Spineflower before and after Vegetation Cutting Compared with Annual Rainfall.



Note – 2013 Post-activity includes Year 1 and Year 2 data; 2014 Post-activity includes Year 2 and Year 3 data

29G.

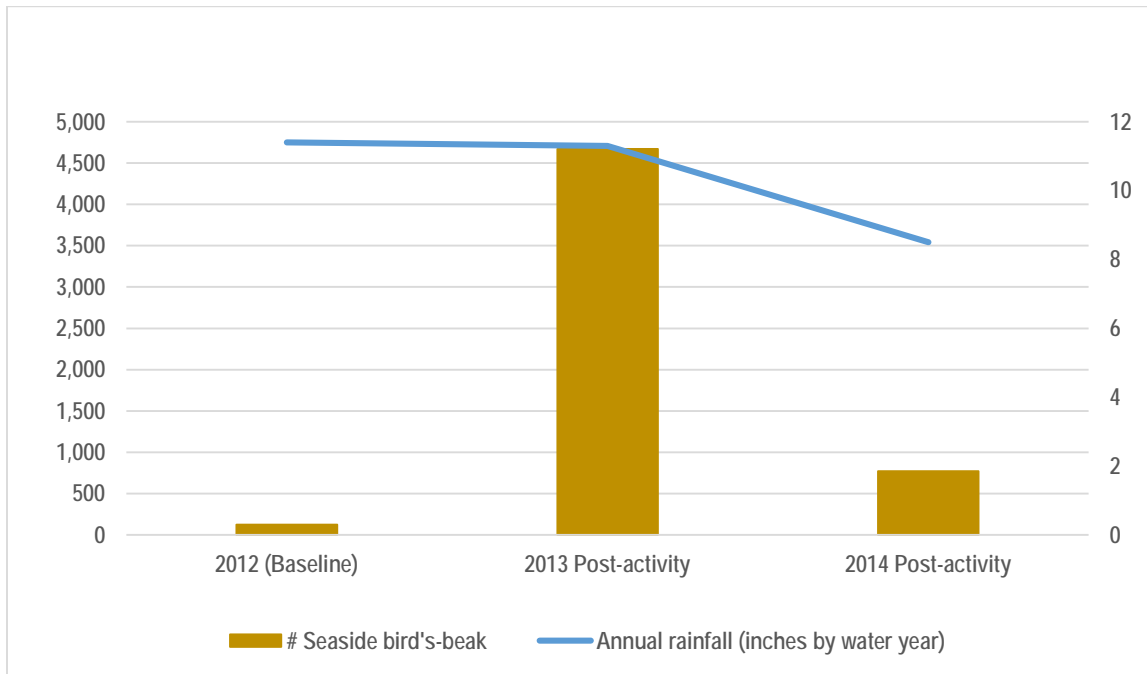
IAR MRA – Total Number of Sand (Monterey) Gilia before and after Vegetation Cutting Compared with Annual Rainfall



Note – 2013 Post-activity includes Year 1 and Year 2 data; 2014 Post-activity includes Year 2 and Year 3 data

30G.

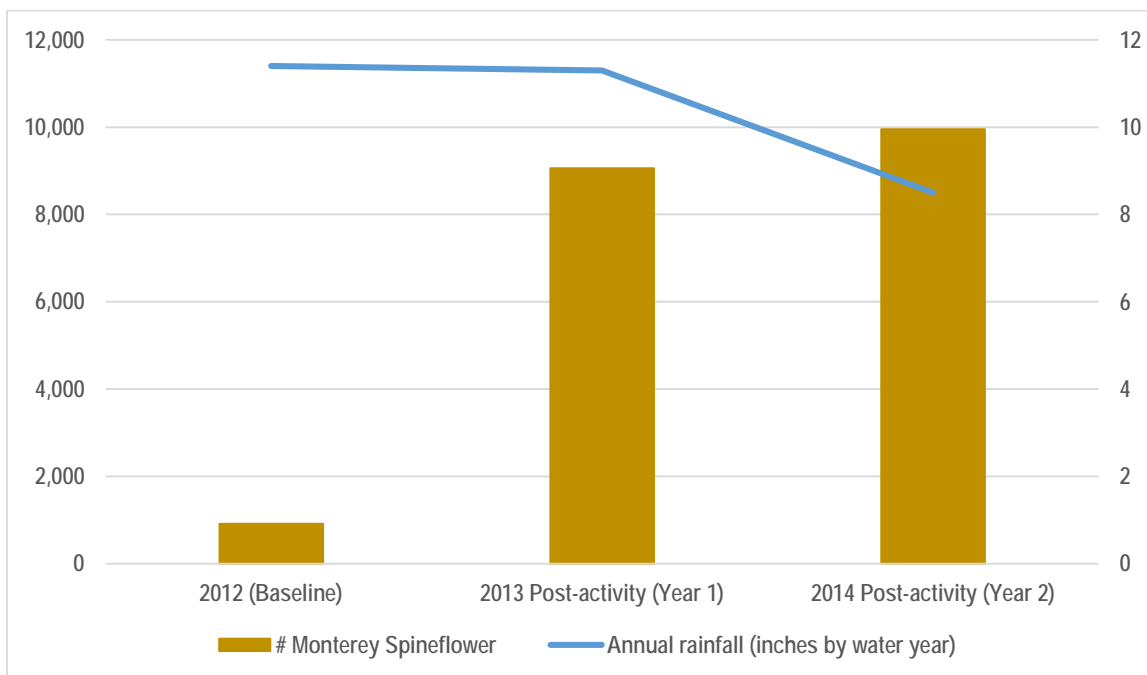
IAR MRA – Total Number of Seaside Bird’s-beak before and after Vegetation Cutting Compared with Annual Rainfall



Note – 2013 Post-activity includes Year 1 and Year 2 data; 2014 Post-activity includes Year 2 and Year 3 data

31G.

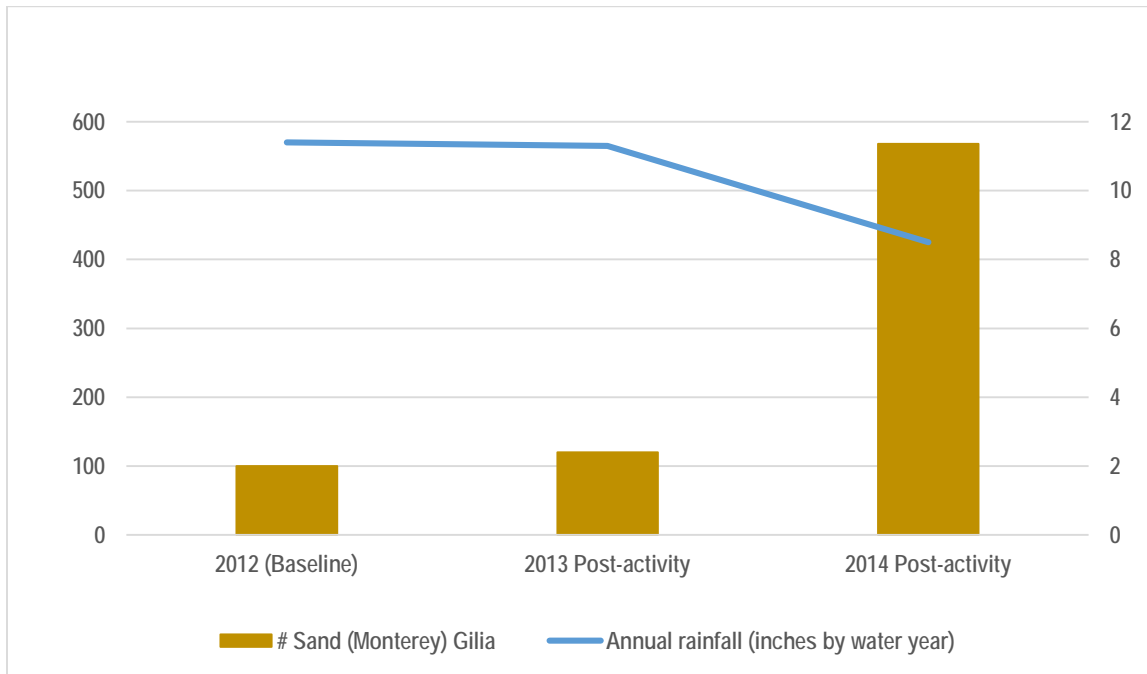
IAR MRA – Total Number of Monterey Spineflower before and after Small-scale Excavation Compared with Annual Rainfall



Note – 2013 Post-activity includes Year 1 and Year 2 data; 2014 Post-activity includes Year 2 and Year 3 data

32G.

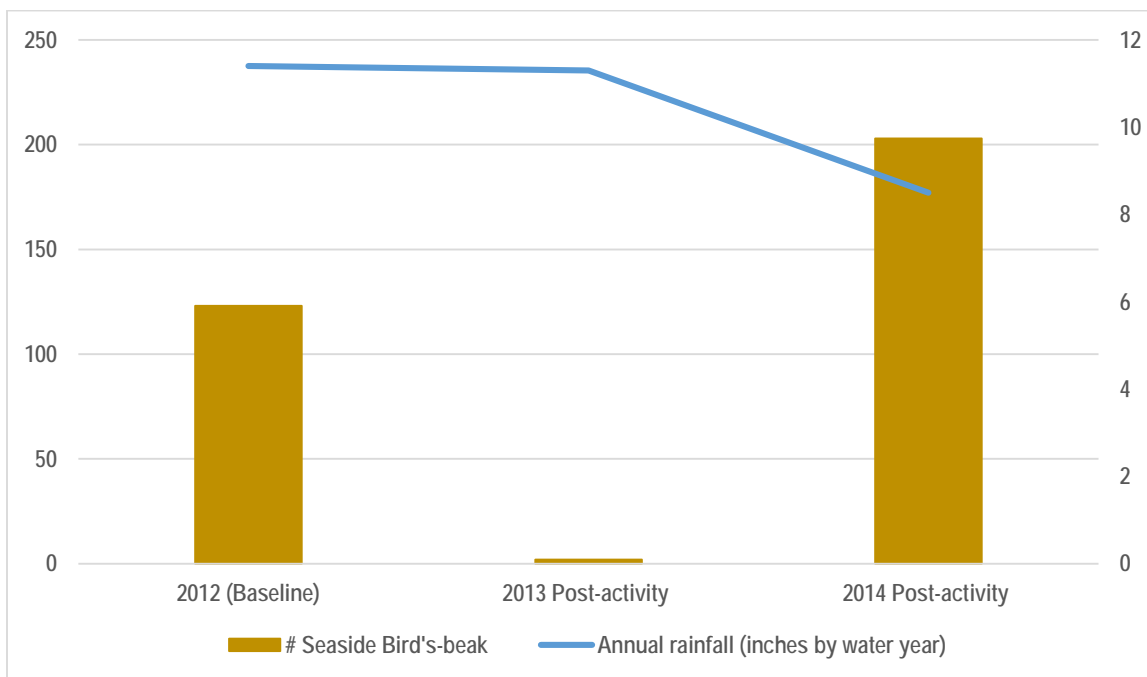
IAR MRA – Total Number of Sand (Monterey) Gilia before and after Small-scale Excavation Compared with Annual Rainfall



Note – 2013 Post-activity includes Year 1 and Year 2 data; 2014 Post-activity includes Year 2 and Year 3 data

33G.

IAR MRA – Total Number of Seaside Bird's-beak before and after Small-scale Excavation Compared with Annual Rainfall



Note – 2013 Post-activity includes Year 1 and Year 2 data; 2014 Post-activity includes Year 2 and Year 3 data