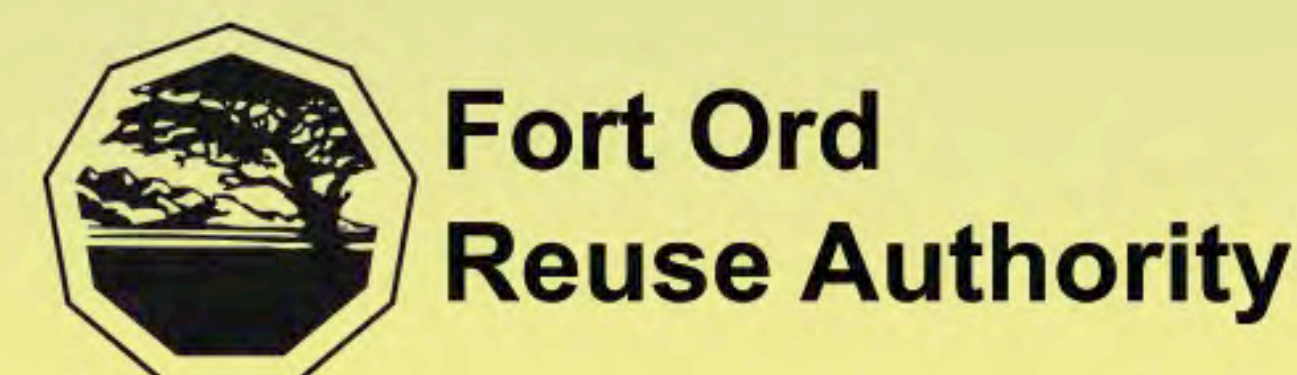
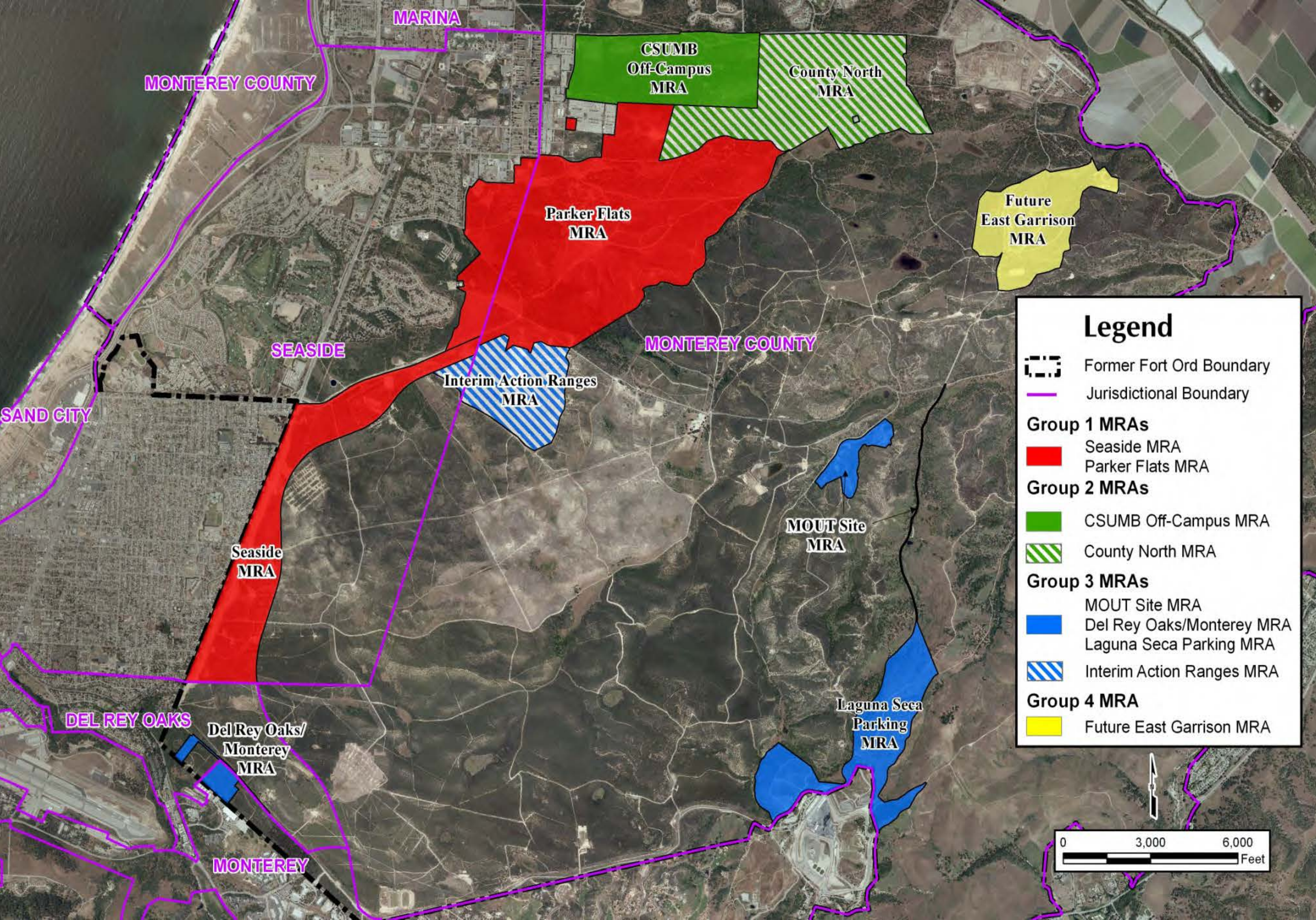


What's Happening Tonight

- ESCA Remediation Program Facts
- Parker Flats
 - RQA History
 - Previous Parker Flats Field Activities
 - Scheduled Field Work
 - Residential Quality Assurance Implementation
- Question and Answer
- Community Input





MONTEREY COUNTY

MARINA

CSUMB
Off-Campus
MRA

County North
MRA

Parker Flats
MRA

Future
East Garrison
MRA

SEASIDE

MONTEREY COUNTY

Interim Action Ranges
MRA

SAND CITY

Seaside
MRA

MOUT Site
MRA



DEL REY OAKS

Del Rey Oaks/
Monterey
MRA


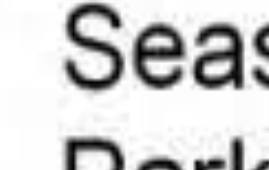
Laguna Seca
Parking
MRA

MONTEREY



Legend

-  Former Fort Ord Boundary
-  Jurisdictional Boundary


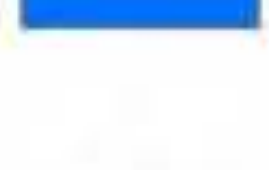
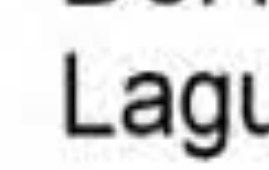

Group 1 MRAs

-  Seaside MRA
-  Parker Flats MRA

Group 2 MRAs

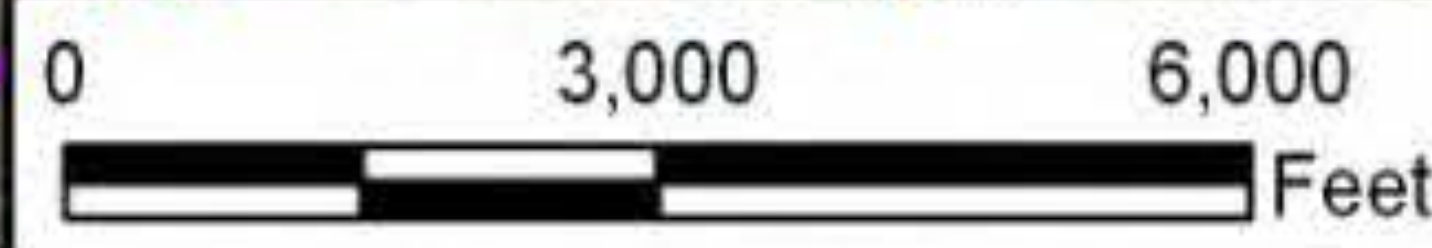
-  CSUMB Off-Campus MRA
-  County North MRA

Group 3 MRAs

-  MOUT Site MRA
-  Del Rey Oaks/Monterey MRA
-  Laguna Seca Parking MRA
-  Interim Action Ranges MRA

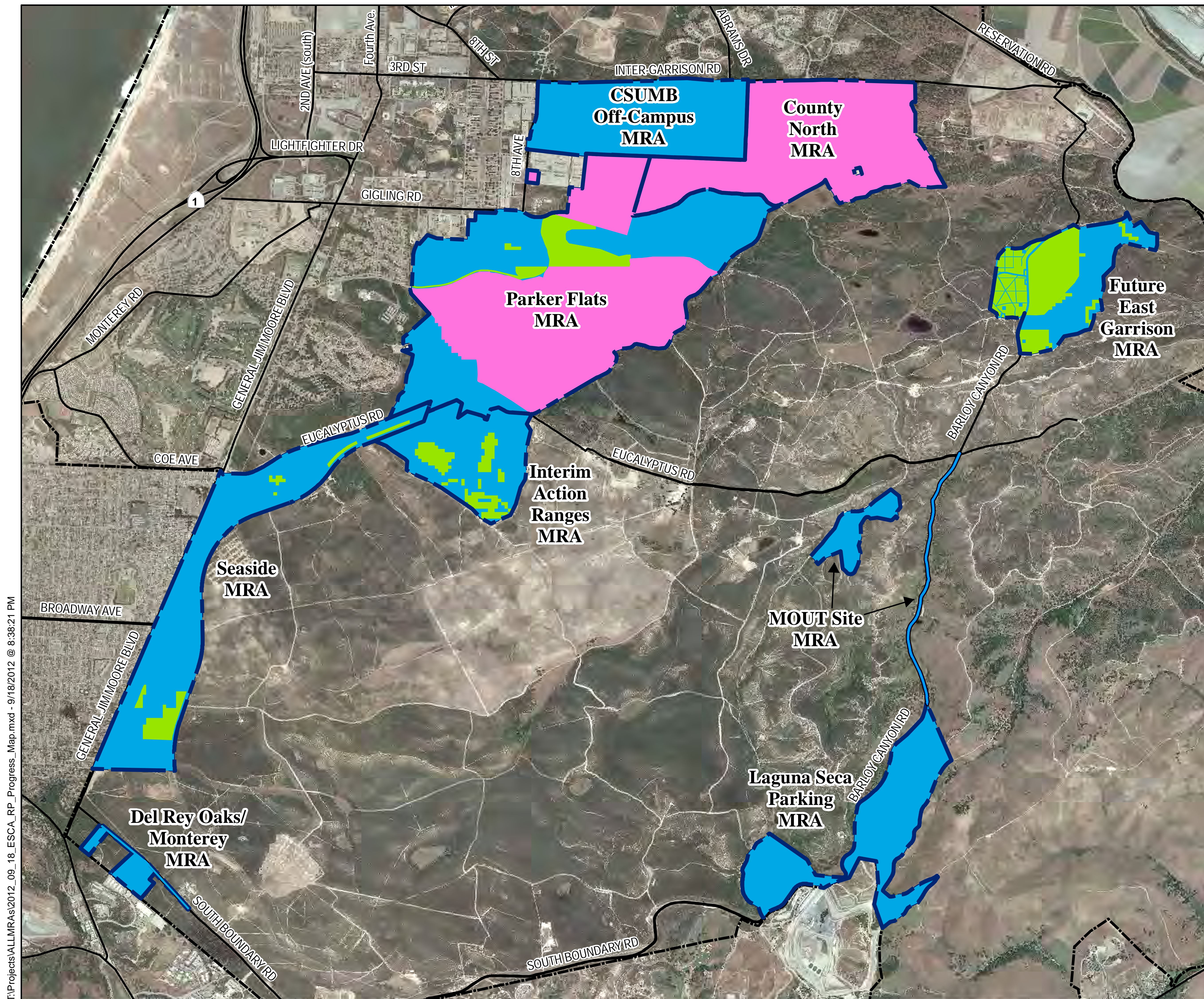
Group 4 MRA

-  Future East Garrison MRA



FORA ESCA RP Facts

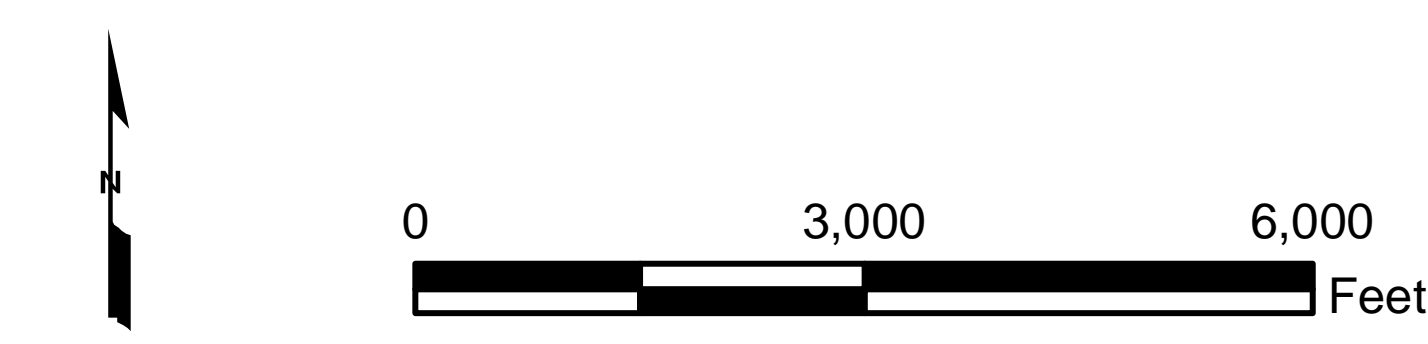
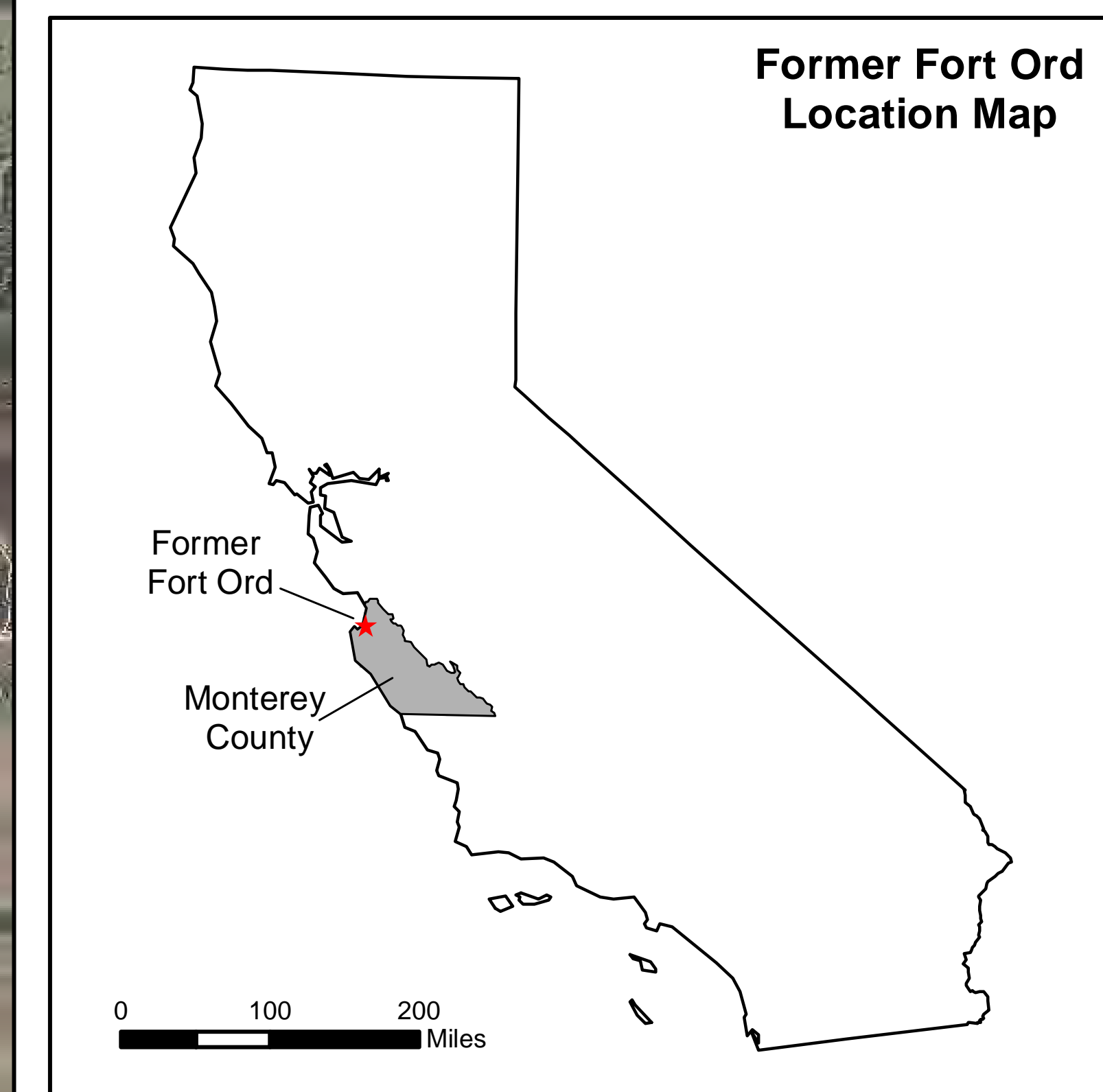
- Army and FORA enter into ESCA to:
 - Expedite transfer of parcels to FORA
 - Complete parallel path munitions remediation on ESCA parcels and Historical Impact Area
 - Provide upfront funding for munitions remediation to alleviate budget uncertainty
- \$97.7 million ESCA Grant included:
 - \$82.1 million for an environmental insurance policy that funds the munitions remediation program and provides additional funding if costs should exceed original estimate
 - \$15.6 million for regulatory oversight fees, FORA management, taxes on the environmental insurance, mobilization fees, and purchase of a contractor's pollution liability policy
- ESCA RP Responsibilities:
 - Munitions remediation as required by EPA Administrative Order on Consent
 - Field activities consistent with Army remedial program
 - Overall regulatory compliance
 - Community Involvement and Outreach Program
 - Programmatic reporting to EPA and Army



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Legend

- Regulatory Site Closure Completed
- Project / Regulatory Documentation in Progress - Field Investigation Completed
- Field Investigation in Progress
- Munitions Response Area
- Major Road
- Former Fort Ord Boundary

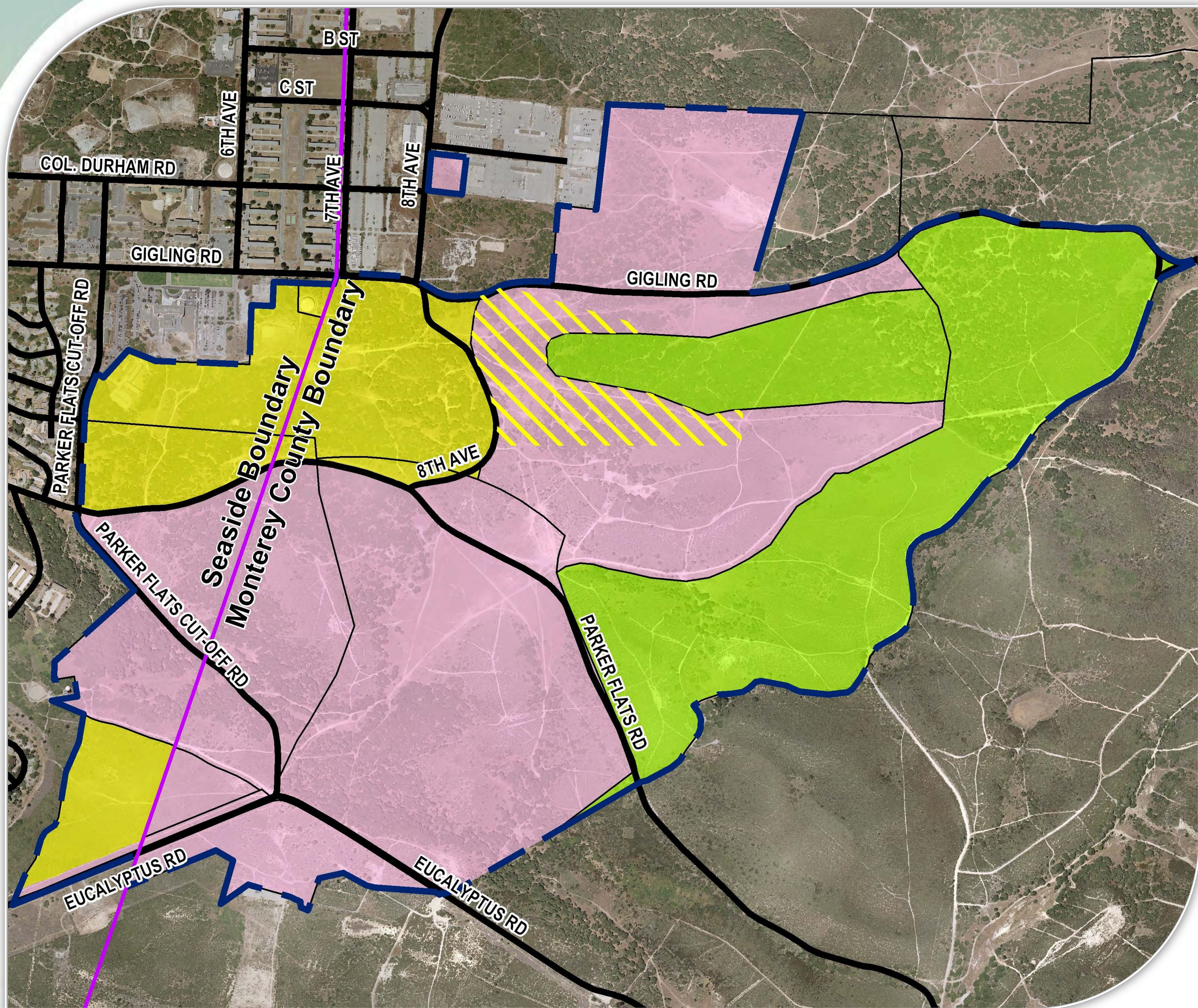


ESCA Remediation Program Progress Map

FORA ESCA RP
Monterey County, California

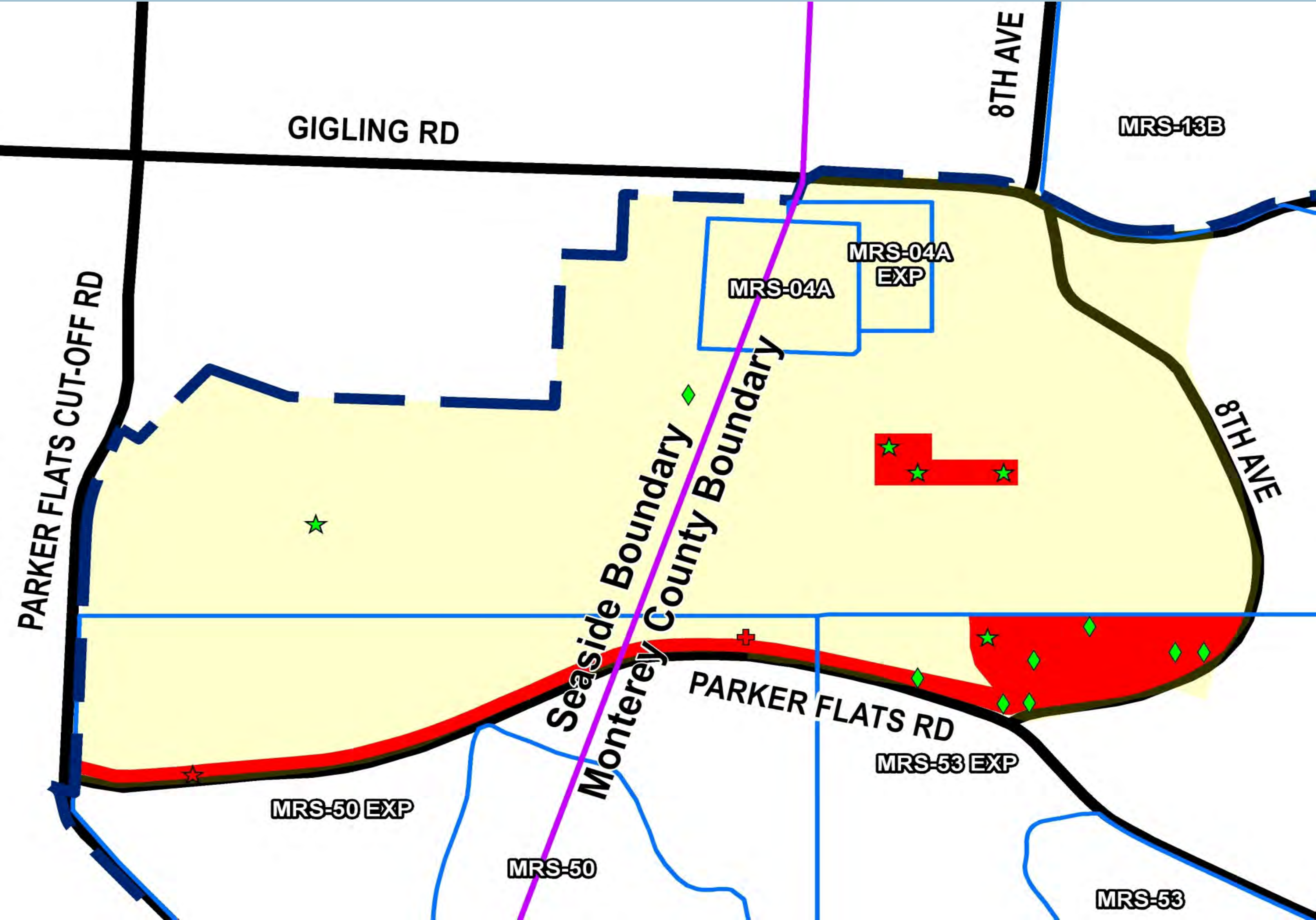
DRAFT Figure 091812 - A1

Parker Flats Munitions Response Area (MRA)



Residential Non Residential Habitat Reserve Mixed Use

- Jurisdictions
 - City of Seaside
 - Monterey County
 - Monterey Peninsula College
- Types of Reuse
 - Residential
 - Non Residential
 - Habitat Reserve
- Proposed Reuse Projects
 - Central Coast Veterans Cemetery
 - Eastside Parkway
 - Monterey Downs Horse Park
 - MPC EVOC
- Proposed future use drives cleanup level



GIGLING RD

8TH AVE

MRS-13B

PARKER FLATS CUT-OFF RD

MRS-04A

MRS-04A
EXP

8TH AVE

Seaside Boundary
Monterey County Boundary

MRS-50 EXP

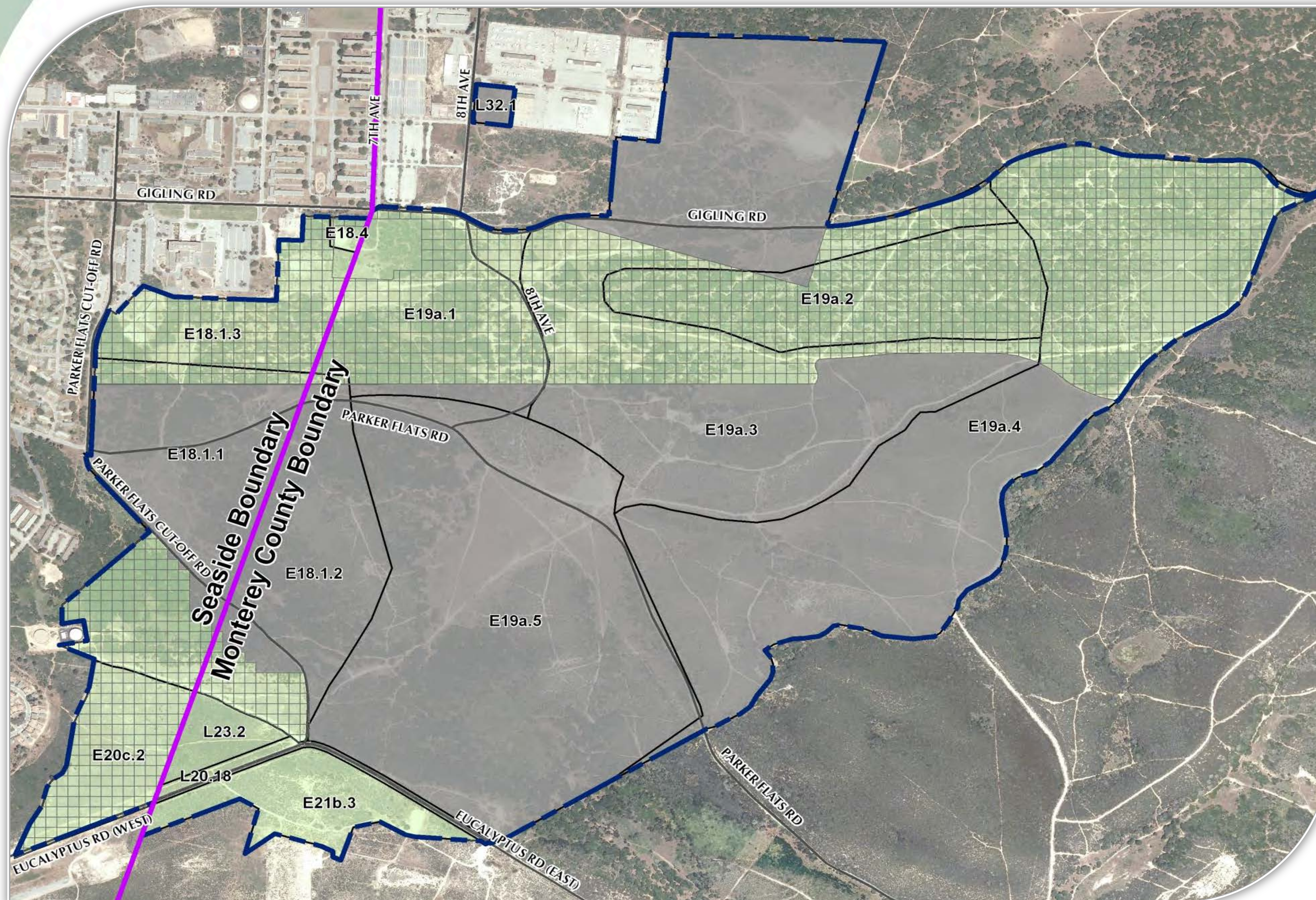
MRS-50

PARKER FLATS RD

MRS-53 EXP

MRS-53

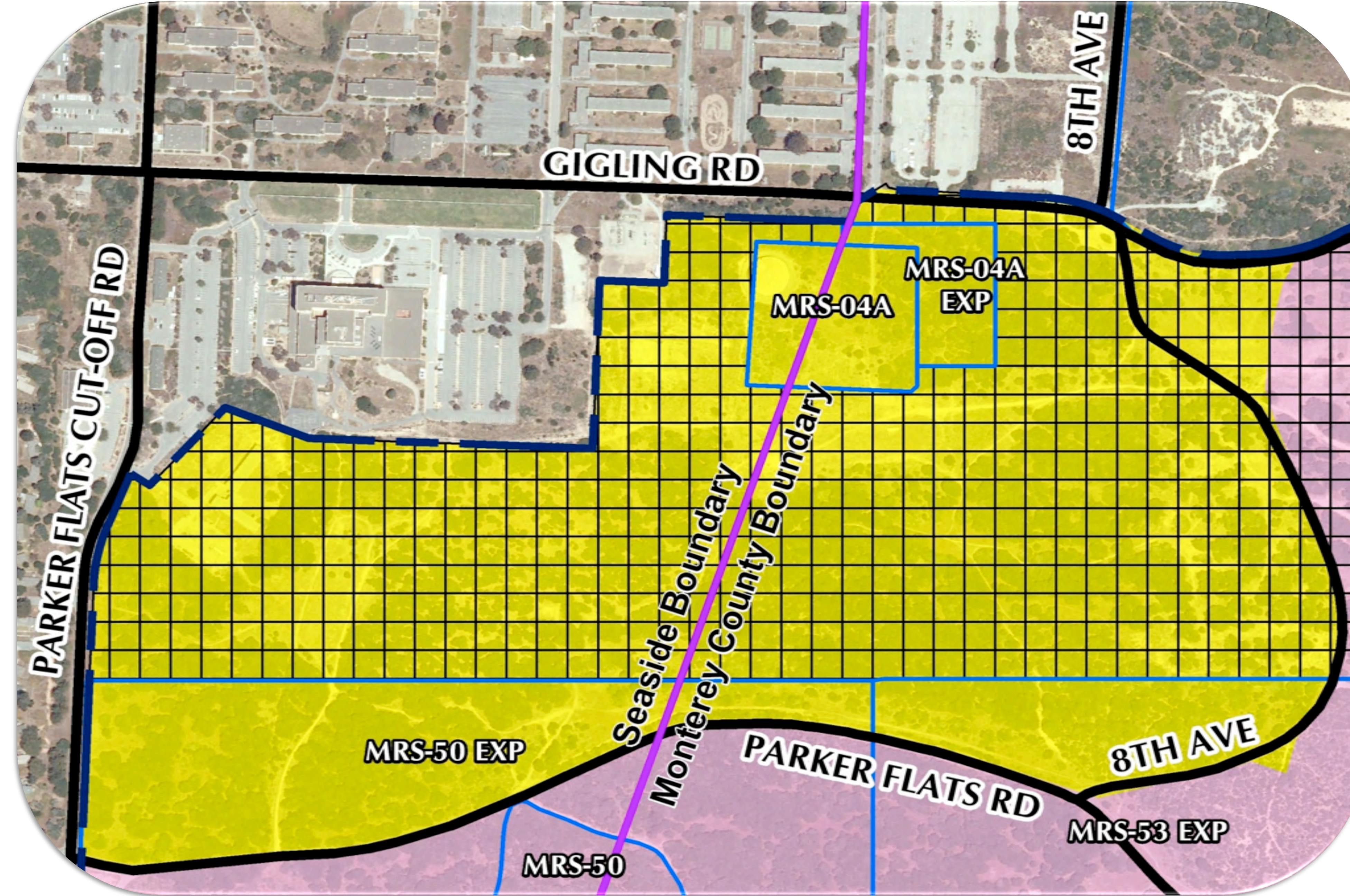
Parker Flats MRA - Status



■ Army Phase 1 Areas ■ ESCA Phase 2 Areas

- Historical Military Use
 - Weapons and troop training
 - Overnight bivouac training area
- Munitions Cleanup
 - Army Phase 1 Completed
 - ESCA Phase 2
 - Investigation and removal completed
 - RI/FS Report in progress
- Phase 2 Highlights
 - 1,043 MEC items recovered
 - 4,073 lbs of munitions debris
 - 173,096 lbs of cultural debris
- Expedited transfer of Veterans Cemetery parcel

Parker Flats MRA – Residential Areas



Parker Flats MRA – Hazard Items



Pyrotechnic Signal



Grenade Rifle WP



Projectile 37mm LE



Mortar 81mm Illumination

Mortar 60mm



Grenade Rifle HE



Grenade Hand WP



Grenade Hand HE

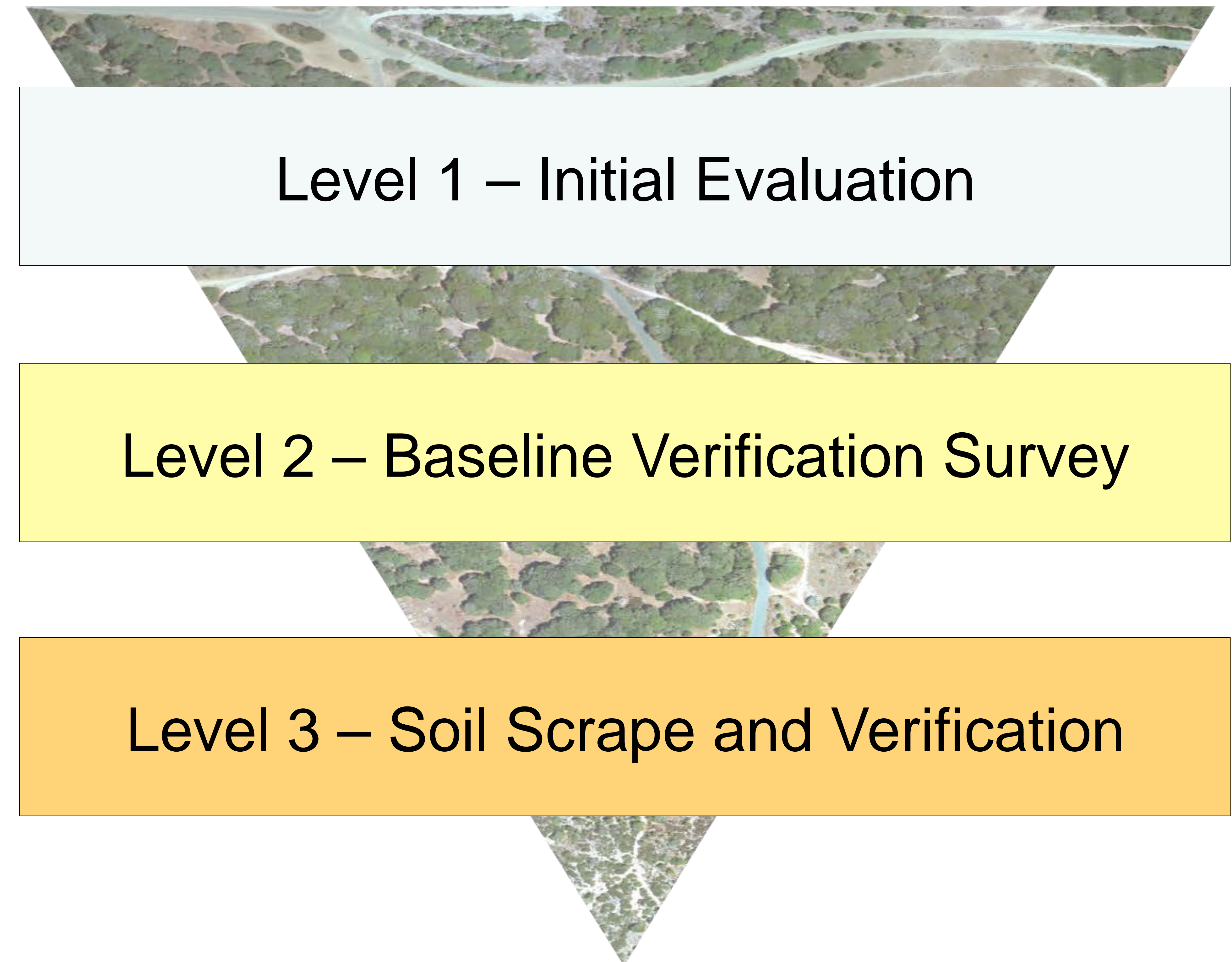


Residential Quality Assurance (RQA)

- Why RQA
 - Confirms prior actions and provides additional assurance that sites are protective for residential reuse
 - Increases regulatory confidence toward residential reuse approval
- RQA Objectives
 - Increases confidence in MEC removal to meet remediation goals
 - Demonstrates MEC remediation effectiveness
 - Reduces explosive hazard risk for future residential users
 - Technically defensible and cost effective implementation
 - Minimizes site impacts, including vegetation

Residential Quality Assurance Process

- Responds to Regulatory Agency concerns
- Endeavor to minimize site impacts
- Innovative application of proven technology
- Data driven approach leading to focused verification
- Quantifiable / efficient process
- Effective pathway to residential approval / use



Level 1 – Initial Evaluation

- “Table Top” Assessment
 - Detailed assessment of site data collected during MEC investigations and removal actions
 - Site walks and limited sampling to verify specific data quality uncertainty
- Define areas of uncertainty including
 - Technical challenges
 - High hazard MEC
 - Overall quality and/or documentation questions
- Define areas acceptable for residential reuse*

* Note: Areas recommended as acceptable for residential reuse with appropriate institutional controls such as city and county ordinance ordinance, construction support and disclosures.



Level 2 – Baseline Verification Survey

- Conducted in areas where residual risk or uncertainty is identified during Level 1
- Site preparation to enable highest quality survey results
- Confirms previous removal actions and/or addresses uncertainty related to residential use
- Identify areas for Level 3
- Define areas acceptable for residential use*

** Note: Areas recommended as acceptable for residential reuse with appropriate institutional controls such as city and county ordinance ordinance, construction support and disclosures.*



Level 3 – Soil Scrape & Verification

- Selectively applied to address specific uncertainties identified during Level 2
- Soil scraped 6-12 inches and stockpiled on non-residential land
- Select specific areas for soil screening based on data
- Conduct verification of scraped area
 - Scraped surface reduces noise and increases detection depth
- Define areas acceptable for residential use*

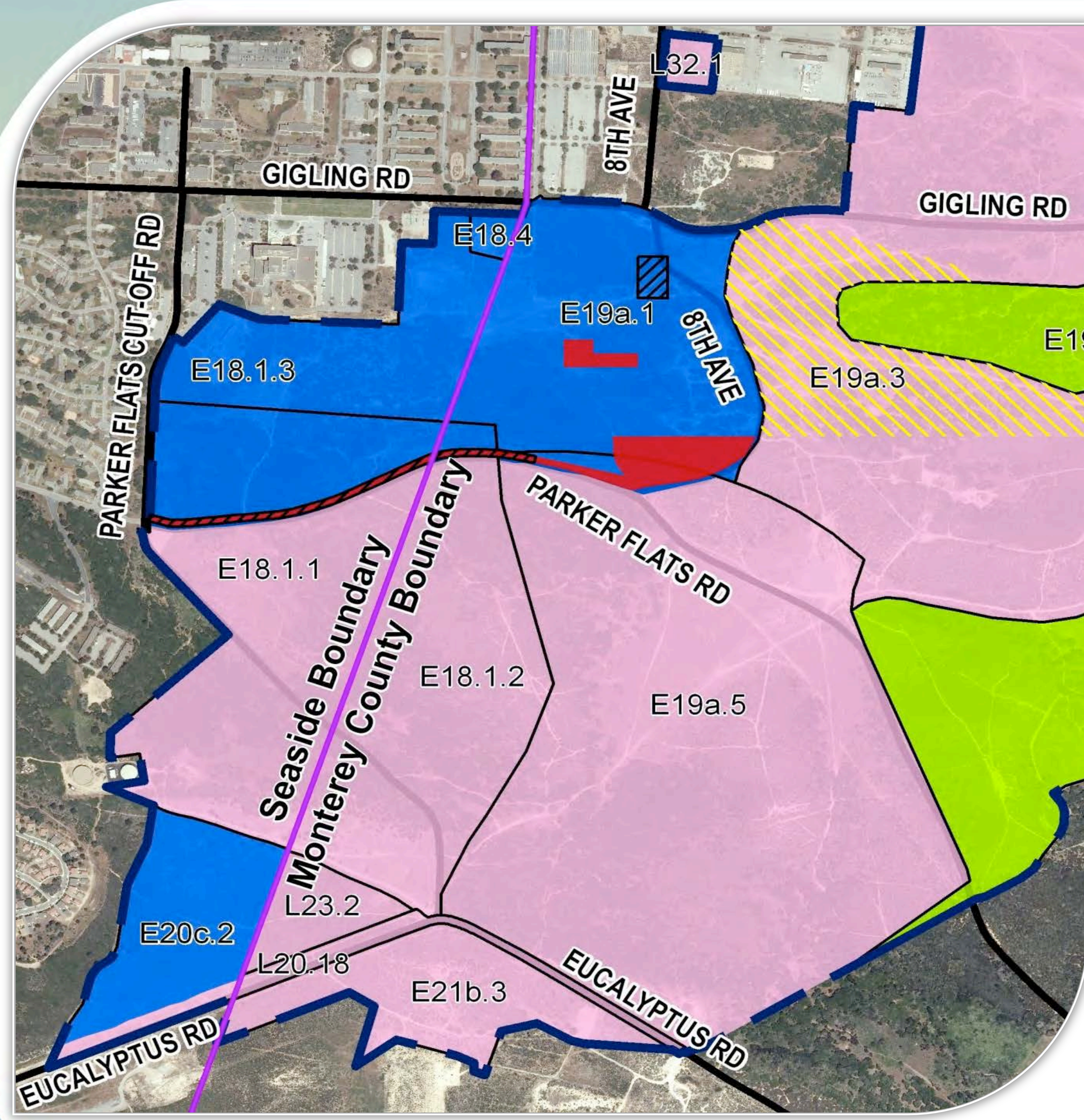
** Note: Areas recommended as acceptable for residential reuse with appropriate institutional controls such as city and county ordinance, construction support and disclosures.*



Parker Flats RQA Level 1

- Overall Quality and Documentation
 - Confirmed acceptable data quality and completeness of documentation
- High Hazard MEC
 - Evidence of high hazard munitions use confirmed
 - Potential patterns of use for high hazard munitions along with potential detection challenges in two areas (hand grenade & 37mm)
- Technical Challenges
 - Dense vegetation areas along Parker Flats Road making it difficult to locate munitions items
 - Areas with geophysical interference addressed during the remedial investigation field work
- Level 1 Field Verification Site Walks
 - Northern side of Parker Flats Road
 - Area were single 40mm projectile found on surface

Parker Flats Level 1 – Areas Acceptable for Reuse

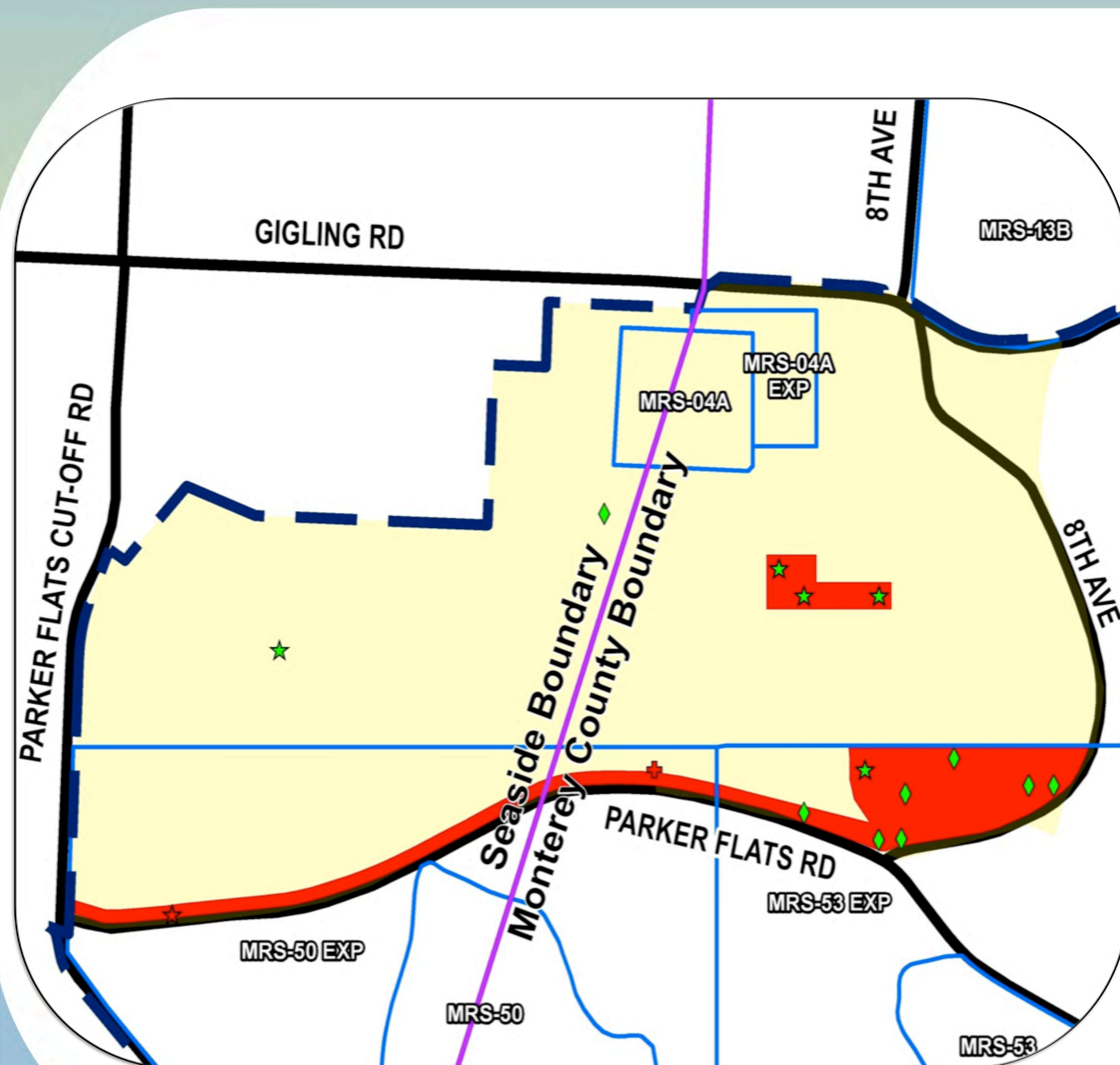


- Area Acceptable for Residential Reuse*
 - Majority of Parker Flats North (140 ac)
 - Entire Parker Flats South (29.9 ac)
- Lines of Evidence
 - Areas with no high hazard munitions concerns identified
 - Areas with few or no munitions recovered
 - No identified technical challenges
 - No detection depth concerns
 - No documentation or QA/QC issues

** Note: Areas recommended as acceptable for residential reuse with appropriate institutional controls such as city and county ordinance ordinance, construction support and disclosures.*

■ Acceptable for Residential Reuse*
 ■ RQA Level 2 Area
 Site Walk
 ■ Non Residential
 ■ Habitat Reserve
 Mixed Use

Parker Flats RQA Level 2 Areas



- Practice Hand Grenade Area
 - Potential for practice grenades to mask presence of fragmentation hand grenades
 - Fragmentation hand grenade debris recovered in area
 - Potential detection challenge due to detection depth of original survey
- Potential 37mm Munitions Use Area
 - Recovered debris may indicate use of 37mm projectiles in area
 - Concern with detection capability of original survey instruments
- Parker Flats Road (50' wide strip)
 - Indications MEC items discarded along road
 - Several high hazard MEC found along road
 - Dense vegetation and tree cover
 - Detection challenges with original survey instruments

Parker Flats RQA Level 2

- Conducted over approximately 12 acres as identified during Level 1 Initial Evaluation
- Level 2 field activities consist of:
 - Site preparation
 - Trash and debris removal
 - Tree and brush removal to ground level, where necessary, to ensure highest quality data
 - Surface clearance
 - DGM survey with FORA ESCA Sled
 - Digging of targeted anomalies
- Confirm previous removal actions and/or address uncertainty related to residential use
- Identify areas for Level 3
- Define areas acceptable for residential reuse*

**Note: Area recommended as acceptable for residential reuse with appropriate institutional controls such as city and county ordinance ordinance, construction support and disclosures.*