

**APPENDIX G**

**FINAL MR-43-48 INTERIM ACTION TECHNICAL INFORMATION PAGES,  
CHAPTER 8**

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**FORMER FORT ORD, MONTEREY, CALIFORNIA  
MILITARY MUNITIONS RESPONSE PROGRAM**

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**FINAL**

**MRS-RANGES 43-48  
INTERIM ACTION  
TECHNICAL INFORMATION PAPER  
VOLUME 1**

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*prepared for*



**U.S. Army Corps of Engineers  
Sacramento District**

*prepared by*



**PARSONS**

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## CHAPTER 8 SPECIAL-CASE AREAS AND NON-COMPLETED AREAS

3 The portions of the MRS-Ranges 43-48 removal area that have been designated as SCAs and  
4 non-completed areas should be evaluated before future action. The following sections describe  
5 each area, explain why the area received SCA or non-completed designation, and recommend  
6 follow-up action. Table 8-1 lists the grids included in each area and summarizes the reasons for  
7 the designations along with associated precautions and recommendations. Map 8-1 shows the  
8 locations of the SCAs and non-completed areas.

9 As discussed in Section 4.5, geophysical transect sampling conducted before performing analog  
10 removal or digital geophysical surveys provided samples of the grids to provide a preview of  
11 conditions. By showing the approximate locations of areas with high anomaly density, this  
12 sampling helped determine where to deploy survey teams and where anomaly density would  
13 make removal actions too time consuming, too expensive, or too damaging to the habitat to be  
14 within the scope of work. Three such high-density areas were among the SCAs in MRS-Ranges  
15 43-48: Ranges 44, 47, and 48.

16

### 8.1 RANGE 48

17 This nearly 139-acre SCA includes 656 grids in the western portion of MRS-Ranges 43-48.  
18 Numerous targets and dense munitions debris resulting from heavy range use will require  
19 intensive removal efforts. Such actions exceeded the scope of funding and available time in this  
20 contract. Based on transect sampling in the area, recommended follow-up actions include a  
21 combined approach using a dual-tool method with multiple areas requiring significant excavation  
22 in combination with mechanical sifting (or remote control). Potential impacts to the habitat  
23 would need to be evaluated and considered before performing such actions. For example,  
24 extensive erosion control with environmental restoration may be necessary.

25

### 8.2 RANGE 47

26 The 66 grids of this former 40mm range encompass just over 15 acres. Heavy saturation of this  
27 SCA with munitions and RRD will require intensive removal efforts that exceed the scope of this  
28 contract. Recommended follow-up actions include excavation in combination with mechanical  
29 sifting (or remote control) followed by digital survey. Potential impacts to the habitat would  
30 need to be evaluated and considered before performing such actions. For example, erosion  
31 control and environmental restoration may be necessary.

32

### 8.3 RANGE 45 TRENCH

33 Five grids on 1.2 acres in the Range 45 SCA contain a target box trench with pop-up targets  
34 lying below the depth of the scraping and sifting operation. USACE guidance was to leave the  
35 trench and targets in place because excavation and removal would have exceeded the scope of  
36 the current contract. The recommended action is to use a backhoe or other earthmoving  
37 machinery to excavate the trench in accordance with the backhoe SOP in Appendix G of the  
38 PWP [Ref. 4], and then perform a subsurface MEC removal followed by QC/QA inspections. If  
39 no follow-on removal action is taken, construction support should be required for any intrusive  
40 actions in the area of the target trenches.

#### 1 **8.4 RANGE 44**

2 This former antitank/antiarmor range includes approximately 82 grids covering almost 19 acres  
3 in Range 44. Because of heavy amounts of debris from targets and ammunition, removal would  
4 take more time and funding than in this contract's scope. Recommended action includes a  
5 combined approach using dual-tool method with localized mechanical sifting (or remote control).  
6 Potential impacts to the habitat would need to be evaluated and considered before performing  
7 such actions. For example, limited erosion control and environmental restoration may be  
8 necessary.

#### 9 **8.5 CENTRAL AREA GRIDS**

10 This area, composed of 37 grids scattered within the southern portion of the interior of Ranges  
11 43-48 totaling approximately 8.5 acres, received no analog or digital removal. It received a  
12 lower-priority from the USACE due to time and funding limitations of the contractual scope.  
13 Recommended follow-up action involves performing subsurface MEC removal followed by  
14 QC/QA inspections.

#### 15 **8.6 EAST SIDE GRIDS WITH NO SUBSURFACE REMOVAL**

16 Although this area of 212 grids on approximately 46 acres contains no range fan, it is an  
17 extension beyond the Range 43 fan and as a result contains munitions debris. USACE gave it a  
18 lower priority due to time and funding limitations of the contractual scope, and the area therefore  
19 received surface removal but no subsurface removal operations. Recommended follow-up action  
20 involves performing subsurface MEC removal followed by QC/QA inspections.

#### 21 **8.7 SUBSURFACE REMOVAL COMMENCED**

22 Two grids among the Central Area Grids (B2I9F1 and B2I9E1) and one among the East Side  
23 Grids with No Surface Removal (B2J9A8) received analog removal but no digital operations.  
24 Totaling 0.7 acres, these grids received a lower priority from the USACE due to time and  
25 monetary limitations of the contractual scope. Recommended follow-up action involves  
26 performing subsurface MEC removal followed by QC/QA inspections.

#### 27 **8.8 EAST SIDE GRIDS WITH PARTIAL SUBSURFACE REMOVAL**

28 The USACE gave seven grids (1.6 acres, among the East Side Grids with No Surface Removal)  
29 lower priority due to time and monetary limitations of the contractual scope. These grids  
30 received analog removal and digital survey but no reacquisition or digital anomaly investigation  
31 and no QC or QA. Because anomalies have been selected, the recommended action is to perform  
32 reacquisition and excavation on the seven grids followed by QC and QA inspections.

#### 33 **8.9 BUNKER**

34 This concrete observation bunker (approximately 80 feet long, 30 feet wide, and up to 12 feet  
35 high) protected observers checking the accuracy and effects of HE artillery rounds impacting the  
36 ground. Affecting 0.7 acres, it was built on a hillside within grids B2H8G0, B2H8F0, B2H9F1,  
37 and B2H9G1. Analog and digital removal operations were performed as close to the structure as  
38 possible in grids B2H8G0, B2H8F0, and B2H9F1 until the steel rebar interfered with the  
39 instruments. Grid B2H9G1 received surface removal only. Analog removal was performed up  
40 to approximately 10 to 20 feet from the bunker; digital operations using the EM-61 got within 65

1 feet north of bunker and 15 feet to the south and west. The east end is in grid B2H9G1, and  
2 could probably be cleared to within 10 to 20 feet as well. Recommended action would involve  
3 removing the bunker, then performing subsurface MEC removal followed by QC/QA inspections  
4 over the entirety of the four affected grids to ensure that the grids have received removal  
5 operations.

### 6 **8.10 FENCELINE**

7 This 3.5-acre area runs approximately 2,000 linear feet along Eucalyptus Road and includes 28  
8 grids or partial grids in a buffer extending 25 feet in from the fence line. The metallic fence  
9 interfered with the analog and digital instruments in areas within 5 to 15 feet of the fence.  
10 Recommended action includes removing the fence along Eucalyptus Road and subjecting the 25-  
11 foot-wide corridor inside the site boundary to subsurface MEC removal and QC/QA inspection.  
12 During this work, site security measures would need to be implemented (e.g., temporary fences,  
13 barriers, and/or security patrols) to maintain public safety.

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Table 8-1 — SCA Summary Table for Ranges 43-48 Interim Action

SCA / Non-Completed Area Name	Grids	Reason for SCA	Precautions	Rationale	Recommendation
Range 47	C2A6F3, C2A6E4, C2A6D5, C2A6D6, C2A6D7, C2A6D8, C2A6D9, C2A6C5, C2A6C6, C2A6C7, C2A6C8, C2A6C9, C2A6C0, C2A6B4, C2A6B5, C2A6B6, C2A6B7, C2A6B8, C2A6B9, C2A6B0, C2A7B1, C2A7B2, C2A6A4, C2A6A5, C2A6A6, C2A6A7, C2A6A8, C2A6A9, C2A6A0, C2A7A1, C2A7A2, C2A7A3, C2A7A4, C2A7A5, B2J6J5, B2J6J6, B2J6J7, B2J6J8, B2J6J9, B2J6J0, B2J7J1, B2J7J2, B2J7J3, B2J7J4, B2J7J5, B2J6I6, B2J6I7, B2J6I8, B2J6I9, B2J6I0, B2J7I1, B2J7I2, B2J7I3, B2J7I4, B2J6H8, B2J6H9, B2J6H0, B2J7H1, B2J7H2, B2J7H3, B2J6G0, B2J7G1, B2J7G2, B2J7G3, B2J7F1, B2J7F2, B2J7F3, B2J7E2	The decision to designate this area as an SCA was based on the high density of subsurface anomalies and the need to sift the area.	Access is restricted – enter this area only with an authorized UXO escort. Do not excavate or otherwise intrude below the soil surface without an authorized UXO escort.	40mm grenades were used in this range and continue to present a hazard.	Sift area to depth of 2 feet followed by digital survey. Potential impacts to habitat would need to be evaluated and considered before performing such actions.
Range 45 Trench	C2B7A0, C2B8A1, C2A7H0, C2A8H1, C2A8H2	The decision to designate this area as an SCA was based on instrument interference and because the probability of subsurface MEC was considered low.	Do not excavate or otherwise intrude below the soil surface without an authorized UXO escort.	Investigations detected buried target boxes and associated materials that were not removed under this action. These materials may have masked the presence of additional MEC in the area.	The remaining anomalies are suspected to be related to buried target boxes; therefore, future development should include construction support in these grids.
Range 44	C2A8G6, C2A8G7, C2A8F5, C2A8F6, C2A8F7, C2A8E5, C2A8E6, C2A8E7, C2A8E8, C2A8D4, C2A8D5, C2A8D6, C2A8D7, C2A8D8, C2A8C4, C2A8C5, C2A8C6, C2A8C7, C2A8B5, C2A8B6, C2A8B7, C2A8A5, C2A8A6, C2A8A7, B2J8J4, B2J8J5, B2J8J6, B2J8J7, B2J8I4, B2J8I5, B2J8I6, B2J8H3, B2J8H4, B2J8H5, B2J8H6, B2J8G3, B2J8G4, B2J8G5, B2J8G6, B2J8F3, B2J8F4, B2J8F5, B2J8F6, B2J8F9, B2J8E9, B2J8E0, B2J8D9, B2J8D0, B2J8C9, B2J8C0, B2I8I1, B2I8I2, B2I8I3, B2I7H9, B2I7H0, B2I8H1, B2I8H2, B2I7G9, B2I7G0, B2I8G1, B2I8G2, B2I7F0, B2I8F1, B2I8F2, B2I8E1, B2I8E2,	The decision to designate this area as an SCA was based on the high density of surface debris (i.e., antitank rockets and 35mm sub cal) and high density of subsurface	Do not excavate or otherwise intrude below the soil surface without an authorized UXO escort.	No subsurface removal work was conducted, yet MEC was found during the surface removal of this area and in the subsurface of adjacent areas and is suspected to exist in	Although surface removal was accomplished previously, surface removal is recommended in this area due to soil erosion. If removal to depth is considered, the follow-up actions include a combined approach using dual-tool



Table 8-1 — SCA Summary Table for Ranges 43-48 Interim Action (cont)

SCA / Non-Completed Area Name	Grids	Reason for SCA	Precautions	Rationale	Recommendation
	B218F6, B218F7, B218F8, B218E5, B218E6, B218E7, B218E8, B218D6, B218D7, B218C4, B218C5, B218C6, B218C7, B218B5, B218B6, B218B7	anomalies.		the subsurface of this area as well.	method with localized mechanical sifting (or remote control). Potential impacts to habitat would need to be evaluated and considered before performing such actions.
Central Area Grids	B217G4, B217C4, B217C5, B217C6, B217C8, B218C3, B217B2, B217B3, B217B8, B218B3, B218A3, B217J9, B217I9, B218I4, B218H3, B218H4, B218H5, B218H6, B218H7, B218H8, B218G7, B218G8, B218G9, B218F3, B218F4, B218F5, B218F0, B218E3, B218E4, B219D2, B218C8, B218C9, B218C0, B219C1, B218B4, B218B8, B218B9	This area is designated as a non-completed area.	Do not excavate or otherwise intrude below the soil surface without an authorized UXO escort.	No subsurface removal work was conducted, yet MEC was found during the surface removal of this area and in the subsurface of adjacent areas and is suspected to exist in this area as well.	If removal to depth is considered, perform subsurface MEC removal followed by QC/QA inspections.  If removal to depth is not a viable option, then access should be limited to workers trained in MEC recognition or with UXO escort.
East Side Grids with No Subsurface Removal	B210G1, B210G2, B210G3, B210F1, B210F2, B210F3, B210F4, B210F5, B210E4, B210E5, B210D4, B210D5, B219B8, B219B9, B219B0, B219A9, B219A0, B219J6, B219J7, B219J8, B219J9, B219J0, B219I6, B219I7, B219I8, B219I9, B219I0, B219H6, B219H7, B219H8, B219H9, B219H0, B210H1, B210H3, B210H4, B210H5, B210H6, B210H7, B219G6, B219G7, B219G8, B219G9, B219G0, B210G1, B210G4, B210G5, B210G6, B210G7, B219F5, B219F6, B219F7, B219F8, B219F9, B219F0, B210F1, B210F4, B210F5, B210F6, B210F7, B219E5, B219E6, B219E7, B219E8, B219E9, B219E0, B210E1, B210E2, B210E4, B210E5, B210E6, B210E7, B219D5, B219D6, B219D7, B219D8, B219D9, B219D0, B210D1, B210D2, B210D4, B210D5, B210D6, B210D7, B219C4, B219C5, B219C6, B219C7, B219C8, B219C9, B219C0,	The decision to designate this area as an SCA was based on the reduced risk after surface removal was completed.	Do not excavate or otherwise intrude below the soil surface without an authorized UXO escort.	No subsurface removal work was conducted, yet MEC was found during the surface removal of this area and in the subsurface of adjacent areas and is suspected to exist in this area as well.	If removal to depth is considered, perform subsurface MEC removal followed by QC/QA inspections.  If removal to depth is not a viable option, then access should be limited to workers trained in MEC recognition or with UXO escort.

Table 8-1 — SCA Summary Table for Ranges 43-48 Interim Action (cont)

SCA / Non-Completed Area Name	Grids	Reason for SCA	Precautions	Rationale	Recommendation
	B2I0C1, B2I0C2, B2I0C5, B2I0C6, B2I9B3, B2I9B4, B2I9B5, B2I9B6, B2I9B7, B2I9B8, B2I9B9, B2I9B0, B2I0B1, B2I0B2, B2I0B3, B2I0B5, B2I0B6, B2I9A1, B2I9A2, B2I9A3, B2I9A4, B2I9A5, B2I9A6, B2I9A7, B2I9A8, B2I9A9, B2I9A0, B2I0A1, B2I0A2, B2I0A3, B2H8J9, B2H8J0, B2H9J1, B2H9J2, B2H9J3, B2H9J4, B2H9J5, B2H9J6, B2H9J7, B2H9J8, B2H9J9, B2H9J0, B2H0J1, B2H0J2, B2H0J3, B2H8I9, B2H8I0, B2H9I1, B2H9I2, B2H9I3, B2H9I4, B2H9I5, B2H9I6, B2H9I7, B2H9I8, B2H9I9, B2H9I0, B2H0I1, B2H0I2, B2H0I3, B2H8H0, B2H9H1, B2H9H2, B2H9H3, B2H9H4, B2H9H5, B2H9H6, B2H9H7, B2H9H8, B2H9H9, B2H9H0, B2H0H1, B2H0H2, B2H0H3, B2H0H4, B2H9G2, B2H9G3, B2H9G4, B2H9G5, B2H9G6, B2H9G7, B2H9G8, B2H9G9, B2H9G0, B2H0G1, B2H0G2, B2H0G3, B2H0G4, B2H9F2, B2H9F3, B2H9F4, B2H9F5, B2H9F6, B2H9F7, B2H9F8, B2H9F9, B2H9F0, B2H0F1, B2H0F2, B2H0F3, B2H9E3, B2H9E4, B2H9E5, B2H9E6, B2H9E7, B2H9E8, B2H9E9, B2H9E0, B2H0E1, B2H0E2, B2H0E3, B2H9D9, B2H9D0, B2H0D1, B2H0D2, B2H9C9, B2H9C0, B2H0C1, B2H0C2				
Subsurface Removal Commenced	B2J9A8, B2I9F1, B2I9E1	The decision to designate this area as an SCA was based on the reduced risk after surface removal was completed.	Do not excavate or otherwise intrude below the soil surface without an authorized UXO escort.	Subsurface removal work was begun but not completed in these grids. There is no easy way to differentiate completed areas of the grid from incomplete areas.	If removal to depth is considered, perform subsurface MEC removal followed by QC/QA inspections.  If removal to depth is not a viable option, then access should be limited to workers trained in MEC recognition or with UXO escort.
East Side Grids with	B2J0E2, B2J0E3, B2J0D2, B2J0D3, B2J0C5, B2J0B5,	The decision to designate this area as	Do not excavate or otherwise intrude	Subsurface removal work was begun but	Because digital survey was conducted and anomalies



Table 8-1 — SCA Summary Table for Ranges 43-48 Interim Action (cont)

SCA / Non-Completed Area Name	Grids	Reason for SCA	Precautions	Rationale	Recommendation
Partial Subsurface Removal	B2J0A5	an SCA was based on the reduced risk after surface removal was completed.	below the soil surface without an authorized UXO escort.	not completed in these grids. There is no easy way to differentiate completed areas of the grid from incomplete areas.	selected, perform reacquisition and excavation on the seven grids followed by QC/QA inspections.  If removal to depth is not a viable option, then access should be limited to workers trained in MEC recognition or with UXO escort.
Bunker	B2H8G0, B2H9G1, B2H8F0, B2H9F1	The decision to designate this area as an SCA was based on instrument interference and because the probability of subsurface MEC was considered low.	Do not excavate or otherwise intrude below the soil surface without an authorized UXO escort.	Subsurface removal work was begun but not completed in this area. Interference with detection instruments occurred as they approached the concrete structure; therefore, additional items may still be present in the soil adjacent to the bunker.	If removal to depth is considered, remove the bunker, and then perform subsurface MEC removal followed by QC/QA inspections over the entirety of the three affected grids to ensure that the grids have received removal operations.  If removal to depth is not a viable option, then access should be limited to workers trained in MEC recognition or with UXO escort.
Fenceline	C2B9C8, C2B9C9, C2B9B9, C2B9B0, C2B9A0, C2B0A1, C2B0A2, C2A0J2, C2A0J3, C2A0J4, C2A0I3, C2A0I4, C2A0I5, C2A0H5, C2A0H6, C2A0H7, C2A0G7, C2A0G8, C2A0F8, C2A0F9,	The decision to designate this area as an SCA was based on	Do not excavate or otherwise intrude below the soil	Subsurface removal work was begun but not completed in this	If removal to depth is considered, remove the fence along Eucalyptus

Table 8-1 — SCA Summary Table for Ranges 43-48 Interim Action (cont)

SCA / Non-Completed Area Name	Grids	Reason for SCA	Precautions	Rationale	Recommendation
	C2A0F0, C2A0E0, C3A1E1, C3A1D1, C3A1D2, C3A1D3, C3A1C3, C3A1C4	instrument interference and because the probability of subsurface MEC was considered low.	surface without an authorized UXO escort.	area. Interference with detection instruments occurred as they approached the metallic fence; therefore, additional items may still be present in the soil adjacent to the fence.	Road and subject a 25-ft-wide corridor inside the site boundary to subsurface MEC removal and QC/QA inspection. During this work, site security measures need to be implemented (e.g., temporary fences, barriers, and/or security patrols) to maintain public safety.  If removal to depth is not a viable option, then access should be limited to workers trained in MEC recognition or with UXO escort.
Range 48	C2A4C0, C2A5C1, C2A4B8, C2A4B9, C2A4B0, C2A4A6, C2A4A7, C2A4A8, C2A4A9, B2J4J6, B2J4J7, B2J4J8, B2J4J9, B2J4J0, B2J5J1, B2J5J2, B2J5J7, B2J4I7, B2J4I8, B2J4I9, B2J4I0, B2J5I1, B2J5I2, B2J5I3, B2J5I7, B2J5I8, B2J5I9, B2J4H8, B2J4H9, B2J4H0, B2J5H1, B2J5H2, B2J5H3, B2J5H4, B2J5H6, B2J5H7, B2J5H8, B2J5H9, B2J4G9, B2J4G0, B2J5G1, B2J5G2, B2J5G3, B2J5G4, B2J5G5, B2J5G6, B2J5G7, B2J5G8, B2J5G9, B2J4F9, B2J4F0, B2J5F1, B2J5F2, B2J5F3, B2J5F4, B2J5F5, B2J5F6, B2J5F7, B2J5F8, B2J4E0, B2J5E1, B2J5E2, B2J5E3, B2J5E4, B2J5E5, B2J5E6, B2J5E7, B2J5E8, B2J5E9, B2J5E0, B2J5D1, B2J5D2, B2J5D3, B2J5D4, B2J5D5, B2J5D6, B2J5D7, B2J5D8, B2J5D9, B2J5D0, B2J6D1, B2J6D2, B2J5C2, B2J5C3, B2J5C4, B2J5C5, B2J5C6, B2J5C7, B2J5C8, B2J5C9, B2J5C0, B2J6C1, B2J6C2, B2J6C3, B2J6C4, B2J5B2, B2J5B3, B2J5B4, B2J5B5, B2J5B6, B2J5B7, B2J5B8, B2J5B9, B2J5B0, B2J6B1, B2J6B2,	The decision to treat this area as an SCA was made early in the project based on the amount of MEC and debris found during the early phases of work (both surface and subsurface removals) compared to other areas that were considered more hazardous. Removal to depth in this area would have	Do not excavate or otherwise intrude below the soil surface without an authorized UXO escort.	No subsurface removal work was conducted, yet MEC was found during the surface removal of this area and in the subsurface of adjacent areas and is suspected to exist in the subsurface of this area as well.	If removal to depth is considered, use a dual-tool method, with multiple areas requiring significant excavation in combination with mechanical sifting (or remote control). Potential impacts to habitat would need to be evaluated and considered before performing such actions.  If removal to depth is not a viable option, then access should be limited to

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Table 8-1 — SCA Summary Table for Ranges 43-48 Interim Action (cont)

SCA / Non-Completed Area Name	Grids	Reason for SCA	Precautions	Rationale	Recommendation
	B2J6B3, B2J6B4, B2J6B5, B2J6B6, B2J5A3, B2J5A4, B2J5A5, B2J5A6, B2J5A7, B2J5A8, B2J5A9, B2J5A0, B2J6A1, B2J6A2, B2J6A3, B2J6A4, B2J6A5, B2J6A6, B2J6A7, B2J6A8, B2I5J4, B2I5J5, B2I5J6, B2I5J7, B2I5J8, B2I5J9, B2I5J0, B2I6J1, B2I6J2, B2I6J3, B2I6J4, B2I6J5, B2I6J6, B2I6J7, B2I6J8, B2I6J9, B2I6J0, B2I5I4, B2I5I5, B2I5I6, B2I5I7, B2I5I8, B2I5I9, B2I5I0, B2I6I1, B2I6I2, B2I6I3, B2I6I4, B2I6I5, B2I6I6, B2I6I7, B2I6I8, B2I6I9, B2I6I0, B2I7I1, B2I5H5, B2I5H6, B2I5H7, B2I5H8, B2I5H9, B2I5H0, B2I6H1, B2I6H2, B2I6H3, B2I6H4, B2I6H5, B2I6H6, B2I6H7, B2I6H8, B2I6H9, B2I6H0, B2I7H1, B2I7H2, B2I7H3, B2I5G6, B2I5G7, B2I5G8, B2I5G9, B2I5G0, B2I6G1, B2I6G2, B2I6G3, B2I6G4, B2I6G5, B2I6G6, B2I6G7, B2I6G8, B2I6G9, B2I6G0, B2I7G1, B2I7G2, B2I7G3, B2I7G4, B2I5F6, B2I5F7, B2I5F8, B2I5F9, B2I5F0, B2I6F1, B2I6F2, B2I6F3, B2I6F4, B2I6F5, B2I6F6, B2I6F7, B2I6F8, B2I6F9, B2I6F0, B2I7F1, B2I7F2, B2I7F3, B2I7F4, B2I7F5, B2I7F6, B2I5E7, B2I5E8, B2I5E9, B2I5E0, B2I6E1, B2I6E2, B2I6E3, B2I6E4, B2I6E5, B2I6E6, B2I6E7, B2I6E8, B2I6E9, B2I6E0, B2I7E1, B2I7E2, B2I7E3, B2I7E4, B2I7E5, B2I7E6, B2I7E7, B2I5D8, B2I5D9, B2I5D0, B2I6D1, B2I6D2, B2I6D3, B2I6D4, B2I6D5, B2I6D6, B2I6D7, B2I6D8, B2I6D9, B2I6D0, B2I7D1, B2I7D2, B2I7D3, B2I7D4, B2I7D5, B2I7D6, B2I7D7, B2I7D8, B2I7D9, B2I5C9, B2I5C0, B2I6C1, B2I6C2, B2I6C3, B2I6C4, B2I6C5, B2I6C6, B2I6C7, B2I6C8, B2I6C9, B2I6C0, B2I7C1, B2I7C2, B2I7C3, B2I7C4, B2I7C5, B2I7C6, B2I7C7, B2I7C8, B2I7C9, B2I7C0, B2I6B1, B2I6B2, B2I6B3, B2I6B4, B2I6B5, B2I6B6, B2I6B7, B2I6B8, B2I6B9, B2I6B0, B2I7B1, B2I7B2, B2I7B3, B2I7B4, B2I7B5, B2I7B6, B2I7B7, B2I7B8, B2I7B9, B2I7B0, B2I8B1, B2I6A1, B2I6A2, B2I6A3, B2I6A4, B2I6A5, B2I6A6, B2I6A7, B2I6A8, B2I6A9, B2I6A0, B2I7A1, B2I7A2, B2I7A3, B2I7A4, B2I7A5, B2I7A6, B2I7A7, B2I7A8, B2I7A9, B2I7A0, B2I8A1, B2I8A2, B2H6J2, B2H6J3, B2H6J4, B2H6J5, B2H6J6, B2H6J7, B2H6J8, B2H6J9, B2H6J0, B2H7J1, B2H7J2, B2H7J3, B2H7J4, B2H7J5, B2H7J6, B2H7J7, B2H7J8, B2H7J9, B2H7J0, B2H8J1, B2H8J2, B2H6I3, B2H6I4, B2H6I5.	exhausted the contract capacity at the expense of other, more hazardous areas.			workers trained in MEC recognition or with UXO escort.

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Table 8-1 — SCA Summary Table for Ranges 43-48 Interim Action (cont)

SCA / Non-Completed Area Name	Grids	Reason for SCA	Precautions	Rationale	Recommendation
	B2H6I6, B2H6I7, B2H6I8, B2H6I9, B2H6I0, B2H7I1, B2H7I2, B2H7I3, B2H7I4, B2H7I5, B2H7I6, B2H7I7, B2H7I8, B2H7I9, B2H7I0, B2H8I1, B2H8I2, B2H8I4, B2H6H4, B2H6H5, B2H6H6, B2H6H7, B2H6H8, B2H6H9, B2H6H0, B2H7H1, B2H7H2, B2H7H3, B2H7H4, B2H7H5, B2H7H6, B2H7H7, B2H7H8, B2H7H9, B2H7H0, B2H8H1, B2H8H2, B2H8H4, B2H8H5, B2H8H6, B2H6G6, B2H6G7, B2H6G8, B2H6G9, B2H6G0, B2H7G1, B2H7G2, B2H7G3, B2H7G4, B2H7G5, B2H7G6, B2H7G7, B2H7G8, B2H7G9, B2H7G0, B2H8G1, B2H8G2, B2H8G3, B2H8G4, B2H8G5, B2H8G6, B2H8G7, B2H8G8, B2H6F7, B2H6F8, B2H6F9, B2H6F0, B2H7F1, B2H7F2, B2H7F3, B2H7F4, B2H7F5, B2H7F6, B2H7F7, B2H7F8, B2H7F9, B2H7F0, B2H8F1, B2H8F2, B2H8F3, B2H8F4, B2H8F5, B2H8F6, B2H8F7, B2H8F8, B2H6E8, B2H6E9, B2H6E0, B2H7E1, B2H7E2, B2H7E3, B2H7E4, B2H7E5, B2H7E6, B2H7E7, B2H7E8, B2H7E9, B2H7E0, B2H8E1, B2H8E2, B2H8E3, B2H8E4, B2H8E5, B2H8E6, B2H8E7, B2H8E8, B2H8E9, B2H6D9, B2H6D0, B2H7D1, B2H7D2, B2H7D3, B2H7D4, B2H7D5, B2H7D6, B2H7D7, B2H7D8, B2H7D9, B2H7D0, B2H8D1, B2H8D2, B2H8D3, B2H8D4, B2H8D5, B2H8D6, B2H8D7, B2H8D8, B2H8D9, B2H8D0, B2H9D1, B2H6C9, B2H6C0, B2H7C1, B2H7C2, B2H7C3, B2H7C4, B2H7C5, B2H7C6, B2H7C7, B2H7C8, B2H7C9, B2H7C0, B2H8C1, B2H8C2, B2H8C3, B2H8C4, B2H8C5, B2H8C6, B2H8C7, B2H8C8, B2H8C9, B2H8C0, B2H9C1, B2H9C2, B2H9C3, B2H9C4, B2H9C5, B2H9C6, B2H9C7, B2H6B0, B2H7B1, B2H7B2, B2H7B3, B2H7B4, B2H7B5, B2H7B6, B2H7B7, B2H7B8, B2H7B9, B2H7B0, B2H8B1, B2H8B2, B2H8B3, B2H8B4, B2H8B5, B2H8B6, B2H8B7, B2H8B8, B2H8B9, B2H8B0, B2H9B1, B2H9B2, B2H9B3, B2H9B4, B2H9B5, B2H9B6, B2H9B7, B2H7A1, B2H7A2, B2H7A3, B2H7A4, B2H7A5, B2H7A6, B2H7A7, B2H7A8, B2H7A9, B2H7A0, B2H8A1, B2H8A2, B2H8A3, B2H8A4, B2H8A5, B2H8A6, B2H8A7, B2H8A8, B2H8A9, B2H8A0, B2H9A1, B2H9A2, B2H9A3, B2H9A4, B2H9A5, B2H9A6.				

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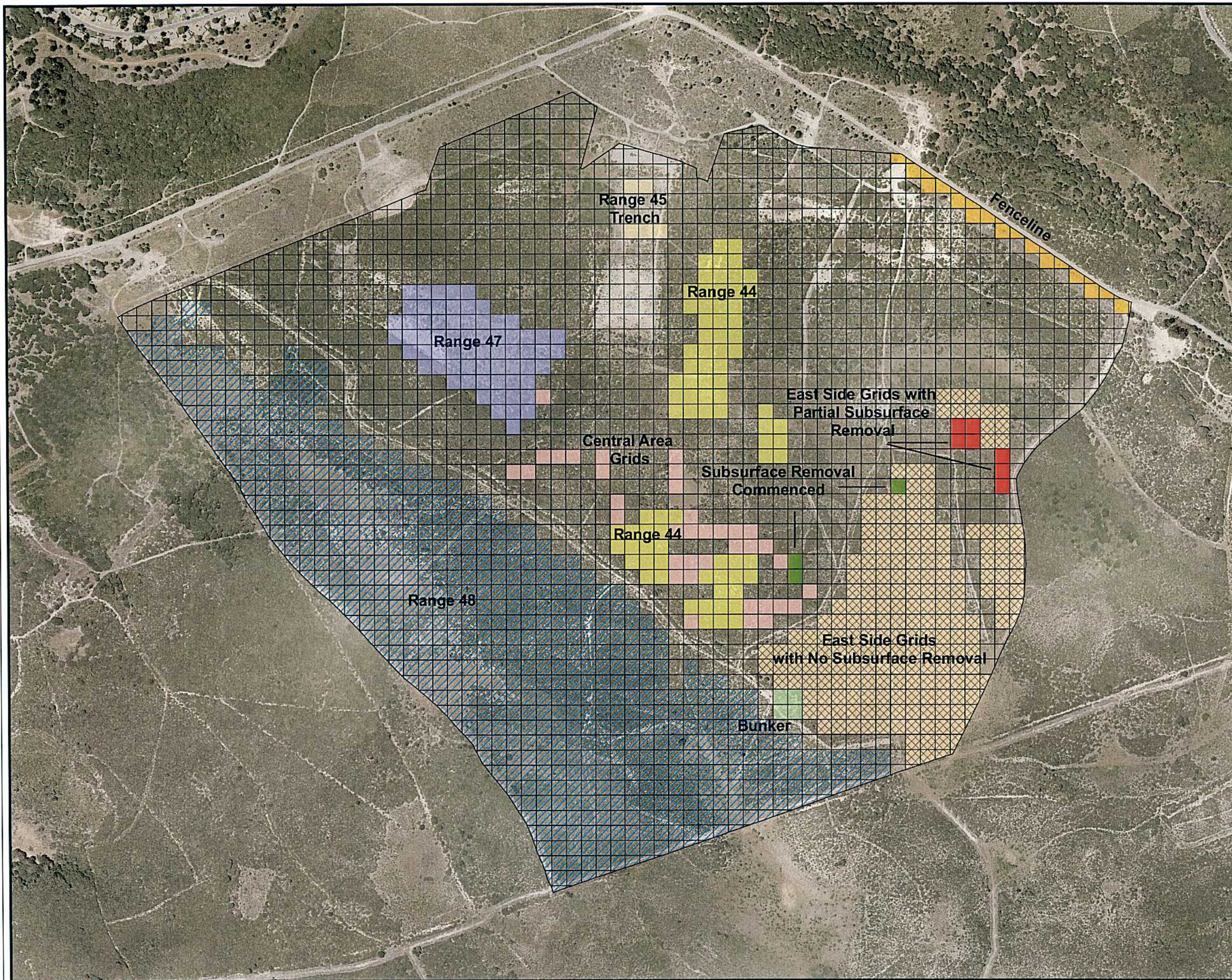
Table 8-1 — SCA Summary Table for Ranges 43-48 Interim Action (cont)

SCA / Non-Completed Area Name	Grids	Reason for SCA	Precautions	Rationale	Recommendation
	B2H9A7, B2G7J2, B2G7J3, B2G7J4, B2G7J5, B2G7J6, B2G7J7, B2G7J8, B2G7J9, B2G7J0, B2G8J1, B2G8J2, B2G8J3, B2G8J4, B2G8J5, B2G8J6, B2G8J7, B2G8J8, B2G8J9, B2G8J0, B2G9J1, B2G9J2, B2G9J3, B2G9J4, B2G7I2, B2G7I3, B2G7I4, B2G7I5, B2G7I6, B2G7I7, B2G7I8, B2G7I9, B2G7I0, B2G8I1, B2G8I2, B2G8I3, B2G8I4, B2G8I5, B2G8I6, B2G8I7, B2G8I8, B2G8I9, B2G8I0, B2G9I1, B2G7H3, B2G7H4, B2G7H5, B2G7H6, B2G7H7, B2G7H8, B2G7H9, B2G7H0, B2G8H1, B2G8H2, B2G8H3, B2G8H4, B2G8H5, B2G8H6, B2G8H7, B2G8H8, B2G7G3, B2G7G4, B2G7G5, B2G7G6, B2G7G7, B2G7G8, B2G7G9, B2G7G0, B2G8G1, B2G8G2, B2G8G3, B2G8G4, B2G8G5, B2G7F4, B2G7F5, B2G7F6, B2G7F7, B2G7F8, B2G7F9, B2G7F0, B2G8F1, B2G8F2, B2G7E4, B2G7E5, B2G7E6, B2G7E7, B2G7E8, B2G7E9, B2G7D4, B2G7D5, B2G7D6				

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**Map 8-1**  
**MRS-Ranges 43-48**  
**SCAs and Non-Completed Areas**



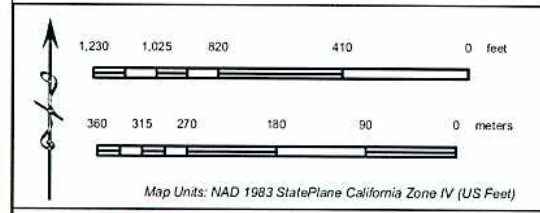
**Non-Completed Areas**

- Subsurface Removal Commenced - 0.69 ac
- East Side No Subsurface - 45.67 ac
- Central Area No Subsurface - 8.49 ac
- East Side - Partial Subsurface - 1.6 ac

**SCAs**

- Bunker - 0.92 ac
- FenceLine - 3.47 ac
- R44 SCA - 18.82 ac
- R45 Trench - 1.15 ac
- R47 SCA - 15.15 ac
- R48 - 138.66 ac
- Grids

SCAs - 178.17 ac  
 Non-Completed Areas - 56.45 ac  
 Total - 234.62 ac



DESIGNED BY: DRJ	<b>FORMER FORT ORD MONTEREY, CALIFORNIA</b>	
DRAWN BY: DRJ		
CHECKED BY: ARH	PRINT DATE: September 22, 2006 at 11:01	CONTRACT: DACA05-00-D-0003
SUBMITTED BY: GWG	AERIAL PHOTOGRAPHY: 2000 1m Resolution Color	SCALE: 1:6,500
FILE:	SOURCE OF DATA: Fort Ord MMRP Database	