



# FACT SHEET

## Proposed Plan for No Further Action, Site Closure SR932 MRS - 1980s Pistol Range, Air Force Plant 44, Tucson, AZ



### Proposed Plan Open to Public Comment

A recently released Proposed Plan recommends No Further Action at the SR932 Munitions Response Site within Air Force Plant 44 in Tucson, Arizona (Figure 1). The site is also known as the Former 1980's Pistol Range.

The No Further Action recommendation follows the completion of three recent actions, in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act:

1. An Engineering Evaluation /Cost Analysis which evaluated options to address soil contamination
2. A Non-Time Critical Removal Action as recommended by the above analysis, and
3. A Completion Report documenting that lead levels in soil are below the State of Arizona residential soil remediation level at the site.

The above actions support Unlimited Use of the site and Unrestricted Exposure to the soil.

This proposed plan is available for public review and comment.

### FOR MORE INFORMATION

Please contact the U.S. Air Force Civil Engineer Center/Environmental Operations Division, by writing to:

George Warner  
AFCEC/CZO GOCO  
1981 Monahan Way  
WPAFB, OH 45433

or by calling: (937) 904-3784

or by email:  
george.warner@us.af.mil

### Background

The 1980s Pistol Range known as SR932 is 0.11 acres. Historical use of this site was limited to small arms. SR932 is located within Air Force Plant 44 and is not accessible by the public (Figure 1).

The Phase II Comprehensive Site Evaluation for SR932 conducted in October 2010 determined that three surface soil sampling locations in an area approximately 25 feet by 25 feet had levels of lead slightly above the residential soil remediation level of 400 milligrams per kilogram, but below the non-residential soil remediation level of 800 milligrams per kilogram.

The Comprehensive Site Evaluation Phase II Report recommended the following additional actions be performed on SR932:

- 1) Further human health evaluation of the portion of SR932 where lead levels in surface soil exceeded residential soil remediation levels.
- 2) Determine whether a Removal Action was warranted (based on National Contingency Plan Removal Action factors).

### Recent Removal Action

An Engineering Evaluation /Cost Analysis was prepared to evaluate options for addressing the lead-contaminated soil above residential levels. A non-time critical soil removal excavation option was chosen, and this decision was documented in an Action Memorandum. Following U.S. Environmental Protection Agency and Arizona Department of Environmental Quality approvals, the removal action was undertaken at SR 932 in September-October 2013, with the goal of site closure with unlimited use of the site and unrestricted exposure to the soil.

The removal action removed 7.3 cubic yards of lead-contaminated soil and 31 soil confirmation samples were collected.

The confirmation samples results, provided in Table 1, indicate that the removal action was successful. None of the 31 confirmation samples exceeded the Arizona Department of Environmental Quality residential soil remediation level of 400 milligrams per kilogram.

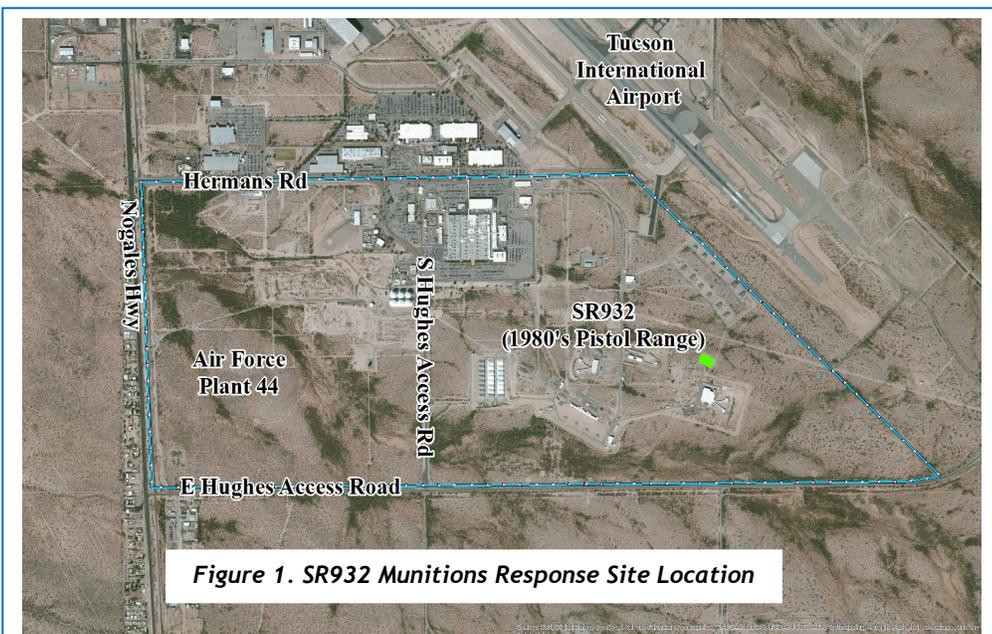


Figure 1. SR932 Munitions Response Site Location



# Proposed Plan for No Further Action, Site Closure SR932 MRS - 1980s Pistol Range, Air Force Plant 44, Tucson, AZ October 2014



## MARK YOUR CALENDAR!

### PUBLIC COMMENT PERIOD IS EXTENDED TO:

**December 10, 2014**  
Please submit written comments to:  
George Warner  
AFCEC/CZO GOCO  
1981 Monahan Way  
WPAFB, OH 45433

or by calling: (937) 904-3784

or by email:  
george.warner@us.af.mil

### PUBLIC MEETING:

A public meeting was held on **15 October, 2014** to explain the Proposed Plan and the reasons for the No Further Action recommendation for SR932 MRS. Oral and written comments were accepted at the meeting. The meeting was held at the El Pueblo Activity Center from 4:30 to 5:30 PM, 101 West Irvington Road, Tucson, Arizona 85714.

### ADMINISTRATIVE RECORD FILE:

For more information on SR932, including technical reports and reference material, see the Administrative Record. The file is located at the following website:  
<http://afcec.publicadminrecord.us.af.mil/Search.aspx>

### INFORMATION REPOSITORY LOCATION:

Community members interested in the full technical details beyond the scope of this Proposed Plan can also find key supporting documents that pertain to SR932 at the Valencia Library, 202 West Valencia Road, Tucson AZ 85706. Contact: Donie Gignac

Analyte	Lead
Units	mg/kg
Location	
SR932SB041	18
SR932SB042	12
SR932SB043	12
SR932SB044	97
SR932SB045	340
SR932SB069 dup of SB045	43
SR932SB046	34
SR932SB047	8.8
SR932SB048	7.8
SR932SB049	9.2
SR932SB050	83J
SR932SB070 dup of SB050	10J
SR932SB051	9.7
SR932SB052	13
SR932SB053	26
SR932SB054	7.6
SR932SB055	72
SR932SB056	11
SR932SB057	190
SR932SB058	80
SR932SB059	340
SR932SB060	140
SR932SB061	20
SR932SB062	8.7
SR932SB063	30J
SR932SB064	6.9
SR932SB065	9.5
SR932SB066	9.7
SR932SB067	18
SR932SB068	330
SR932SB071 dup of SB068	230

Table 1. Confirmation Sampling Results

### Summary of Current Site Risks

The removal action reduced the risk to levels acceptable for all uses, including residential, by removing the lead-contaminated soil, as confirmed by soil sampling. This sampling documented that the lead levels in the soil at the site are now below the Arizona Department of Environmental Quality residential soil remediation level of 400 milligrams per kilogram.

### Description of the Preferred Remedy

The Air Force recommends No Further Action for SR932 based on the results of the investigations conducted during the Phase II Comprehensive Site Evaluation and the follow-up removal action that removed the lead-contaminated soil to residential cleanup levels. The No Further Action recommendation for the

SR932 is supported by the following facts:

- Historical use was limited to small arms;
- The limited amount (7.3 cubic yards) of soil that contained lead above the residential soil remediation level has been removed from the site; and
- Confirmation sampling, as documented in the Completion Report, confirmed that lead levels in soil are below the Soil Remediation Level for residential soil (400 milligrams per kilogram).

The Non-Time Critical Removal Action Completion Report recommending No Further Action received concurrence without comments from the Arizona Department of Environmental Quality on 21 May 2014 and the U.S. Environmental Protection Agency on 23 June 2014.

### Community Participation

The U.S. Air Force held a public meeting on October 15, 2014 and provided an overview of the Non-Time Critical Removal Action Completion Report findings, and answered questions. As a result of the public meeting, the public comment period has been extended another 30 days. This extension will be announced in both the Arizona Daily Star and La Estrella, respectively in English and Spanish. The Proposed Plan is available at the Valencia Library and at:

[http://azdeg.gov/enviro/waste/sps/Air\\_Force\\_Plant\\_44\\_Raytheon\\_Project\\_Area.html](http://azdeg.gov/enviro/waste/sps/Air_Force_Plant_44_Raytheon_Project_Area.html)  
<http://www.epa.gov/region09/tucsonairport>

The U.S. Air Force strongly encourages the public to review and comment on the Proposed Plan. If any significant new information or public comments are received during the public comment period, the proposed plan may be modified to incorporate new information and the comments will be considered during the preparation of the Record of Decision.