

**ADDENDUM TO *Source Identification Report for Archives Search Report Sites 4, 18, and 19, April 2004***

Hamilton Army Airfield, Base Realignment and Closure

**Firing-In Target Butt**

**INTRODUCTION**

Three additional samples were collected at previous sieving locations at the Firing-In Target Butt and analyzed for antimony, arsenic, cadmium, chromium, copper, lead, nickel, and zinc. Samples were collected and sieved for remnants of ammunition in January 2004 to determine the location of the Firing-in Target Butt based upon historical photographs. When pellets and/or shards were found, the San Francisco Bay Regional Water Quality Control Board requested that soil samples be collected in those same locations and analyzed for potential metal contaminants associated with firing ranges. This addendum presents the results of that additional sample collection and analysis.

**FIELD EFFORT**

Sample locations were identified using a Global Positioning System (GPS) with coordinates gathered during the January sampling event. Discrete samples were collected from the ground surface after vegetation had been removed as described in Section 4.1 of the Final Miscellaneous Site Investigations Work Plan, January 2004. EMAX Laboratories, Torrance, California, analyzed samples for the selected metals.

**RESULTS**

Analytical results are presented in Table A-3 and shown on Figure 2-3. Antimony results are not considered usable because the analysis procedure produced extremely low antimony recovery from the sample matrix; however, lead has generally been the driver for additional action at firing ranges. No metal concentrations exceeded the respective action goals in the Record of Decision/Remedial Action Plan.

**CONCLUSION**

The presence or number of pellets or shards does not correlate with soil metal concentrations. The chemistry results indicate that the historical Firing-In Target Butt has not resulted in associated metal soil contamination.