

7.0 FINDINGS

7.1 POTENTIAL CONTAMINANTS

Fort McClellan was licensed to obtain and use small quantities of Radioactive Isotopes. These are listed in the License Review (APPENDIX D). The two most common Radioactive Isotopes used in large quantities were Cobalt⁶⁰ and Cesium¹³⁷.

7.2 POTENTIAL CONTAMINATED AREAS

7.2.1 IMPACTED AREAS – KNOWN AND POTENTIAL

Based on known use, record searches, interviews and site visits; these buildings and areas on main Post property have a potential for Radiological Contamination. Detailed information on each one is listed in Section 8.0 - Conclusions.

Chemical School Buildings:

- Building T-810 (Temporary Lab)
- Building T-811 (Temporary Lab)
- Building T-812 (Temporary Lab)
- Building T-836 (Temporary Lab)
- Building T-837 (Old T-836A) (Temporary Lab)
- Building T-812½ (Radioactive Storage)
- Building 3192 (Permanent Hot Cell)
- Building 3180 (Storage Vault)
- Building 3182 (Radiological Lab)
- Building 3181
- Building 3185 (Personnel Decontamination Center)
- Building 1081
- Building 2281 (Edwin R. Bradley Radiological Laboratory)

Chemical School Areas and Facilities:

- Alpha Field
- Bromine Field
- Bromine Tanks
- Liquid Waste Disposal Pit
- Radioactive Waste Storage Yard
- Original Rattlesnake Gulch Radiological Survey Area (FN 09885 28939)
- Radiological Survey Area #1 (FN 099 296)
- Field Hot Cell (FN 100 297)
- Chemical School Radiological Burial Grounds (FN 099 292)
- RANGE 25

Storage buildings:

- Building 4416 (Ammo Storage)
- Building 256
- Building 257
- Building 303A
- Building 341
- Building 345

Maintenance buildings (Vehicle & Calibration):

- Building 228
- Building 335
- Building 337
- Building 338
- Building 339
- Building 350

7.2.2 NON-IMPACTED AREAS

Based on this Radiological Historic Assessment, none of the other buildings or areas at Fort McClellan (Main Post) have had any activity associated with radioactive isotopes.

7.3 POTENTIAL CONTAMINATED MEDIA

A description of each location is in Section 8.0 - Conclusions.

7.4 RELATED ENVIRONMENTAL CONCERNS

As a precaution the above areas should be limited in access and use until cleared by proper authorities (Fort McClellan).