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**ENVIRONMENTAL SITE ASSESSMENT  
TRUCKEE MEADOWS PROJECT  
BOOTH STREET TO PYRAMIDE LAKE, RENO, NEVADA**

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**Prepared By:**



**U.S. Army Corps  
of Engineers**  
Environmental Design Section

**July 2003**

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## ENVIRONMENTAL SITE ASSESSMENT

### TRUCKEE MEADOWS PROJECT

RENO, NEVADA

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#### 1.0 SUMMARY

This report presents the results of an Environmental Site Assessment (ESA) performed during July of 2003 by the Environmental Design Section (EDS) of the U. S. Army Corps of Engineers, Sacramento District (USACE). This ESA identified numerous sources of possible contamination due to Hazardous, Toxic, or Radioactive Waste (HTRW) during records research and field surveys, but it is not anticipated that any of these sources will affect this project. For the majority of the sources, no field evidence or records were found to indicate that these potential sources have actually caused major contamination. Most involve registered UST's, hazardous waste generators, minor tank leaks, UST removal and remediation, and accidental releases. However, these sources of potential concern must be addressed prior to proceeding with project. All of the potential sources have been or are currently under investigation by other agencies and should be coordinated with prior to construction.

Data research showed 686 sources of potential contamination within one mile of the project boundaries. The breakdown of these sources are as follows:

- 190 state registered UST's and AST's
- 186 sources are listed generators of EPA regulated hazardous waste.
- 207 facilities that are required to report their hazardous waste activities with the EPA.
- 13 sites that had leaking UST=s but have since been cleaned up or are undergoing remediation.
- 59 sudden or accidental releases of hazardous substances into the environment
- 14 Non-ust active corrective action cases
- 15 Pesticide producing establishments and compliance activities
- 1 Mine
- 1 Coal/gas site
- 3 on the PCB database

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## **2.0 INTRODUCTION**

### **2.1 Scope of Report**

The purpose of this ESA is to identify recognized environmental conditions, including the presence or likely presence of any hazardous substances or petroleum products under conditions that indicate an existing release, a past release, or the material threat of a release into structures, the ground, ground water or surface waters of the property. This report addresses HTRW within the study area which may affect construction for this project. This report was prepared in accordance with ASTM E-1527-94, ER 1165-2-132; Hazardous, Toxic, and Radioactive Waste (HTRW) Guidance for Civil Works Projects; and EC 1105-2-206, Project Modifications for Improvement of the Environment. A literature search, interviews, and an on-site investigation were conducted in order to compile information for this ESA. This assessment did not include sampling or analysis of soil or groundwater.

## **3.0 SITE DESCRIPTION**

### **3.1 Location**

The project site is confined to the north and south side of the Truckee River from approximately Booth Street downstream to Pyramid Lake. For the purpose of this ESA, the levees or floodwalls plus a 50-foot construction zone on either side of the project, will be referred to as the construction site. A one-mile corridor on both sides of the rivers or creeks, in accordance to ASTM-E 1527-94, shall be referred to as the study area.

### **3.2 Site and Vicinity Characteristics**

The predominant land use in the study area is commercial, agricultural or residential. Numerous business are within the Truckee River study area of this project, and show up on several data bases, but appear to have no or little impact on the construction site.

## **4.0 RECORDS REVIEW**

The following sources were used in researching the occurrence of HTRW within the study area. The following information was acquired during a records search and phone interviews.

Nevada Division of Environmental Protection (775-687-4670)

The Nevada Division of Environmental Protection maintains their own database on registered and leaking UST's. No additional sites showed up that weren't on the data base search.

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Nevada Bureau of Corrective Action (775-687-4670)

The Nevada Bureau of Corrective Action maintains a database locating areas where hazardous substances have been released or where the potential for release exists. The database mainly covers spills. This same list was duplicated in the data base search.

Data Base Review

Environmental Data Resources, Inc. (EDR) conducted a records research of the study area consisting of 22 publicly available databases. A total of 686 potentially hazardous sites showed up on the search within the study area. None of the sites possess environmental hazards that would interfere with construction. See Appendix for site map with data base results and explanation of data results.

**5.0 SITE RECONNAISSANCE**

In July 2003, Bruce Van Etten from the Environmental Design Section (EDS) of the United States Army Corps of Engineers-Sacramento District (USACE) visited the study area. The objective of the site visit is to identify recognizable environmental concerns in connection with the property. Common environmental concerns that were looked for include the following: drums; landfill or solid waste disposal sites; pits, ponds or lagoons; wastewater; PCB containing transformers; and the presence or likely presence of any hazardous substance or petroleum products on the property under conditions that indicate an existing release, a past release, or a material threat of a release on the property or into the ground, groundwater, or surface water of the property.

**5.1 Hazardous Materials Associated with Property Use**

No hazardous materials were seen during the site visit.

**5.2 Hazardous Substances Associated with Storage Containers**

No storage containers were encountered during the site visit.

**5.3 Storage Tanks**

There are several storage tanks within the study area. Both UST's and AST's exist but don't appear to interfere with this project.

**5.4 Indications of PCBs**

Transformers observed during the site visit appear to have been recently replaced.

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## **6.0 FINDINGS AND CONCLUSIONS**

Based on information gathered during the site visit and data base search there is no apparent HTRW contamination, that is not already documented within the study area, that may affect the proposed project.