

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
6,120 ACRES - PORTIONS OF THE BEATTY
HABITAT TRAILS PROJECT AREA
BEATTY, NEVADA**

PREPARED FOR:

Mr. Charlie Rodewald
Nye County Administration Office
P.O. Box 153
Tonopah, Nevada 89049

PREPARED BY:

Ninyo & Moore
Geotechnical and Environmental Sciences Consultants
6700 Paradise Road, Suite E
Las Vegas, Nevada 89119

August 23, 2004
Project No. 301440001

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Mr. Charlie Rodewald
Nye County Administrative Office
P.O. Box 153
Tonopah, Nevada 89049

Subject: Phase I Environmental Site Assessment
6,120 Acres - Portions of the Beatty Habitat Trails Project Area
Beatty, Nevada 89146

Dear Mr. Rodewald:

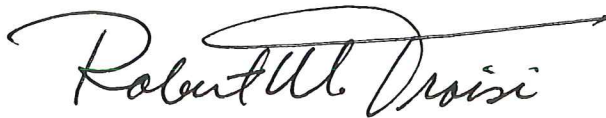
Ninyo & Moore has performed a Phase I Environmental Site Assessment of the above-referenced site. The attached report presents our methodology, findings, opinions, and conclusions regarding the environmental conditions at the site.

We appreciate the opportunity to be of service to you on this project. Should you have any questions, please contact the undersigned at your convenience.

Sincerely,
NINYO & MOORE



Gregory A. Beck, C.E.M.
Project Environmental Scientist



Robert M. Troisi, C.E.M.
Managing Principal of Environmental Sciences

GB/RMT/ltk

Distribution: (2) Addressee
(4) MaryEllen Giampaoli

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EXECUTIVE SUMMARY

Ninyo & Moore was retained by the Nye County Administration Office to perform a Phase I Environmental Site Assessment (ESA) of approximately 6,120 acres of Bureau of Land Management (BLM) land proposed for lease and eventual patent as part of the Beatty Habitat Trails Project. The subject site is comprised of all or portions of 18 sections in Township 11 South and Township 12 South in the Oasis Valley in the vicinity of Beatty, Nye County, Nevada. Historical research, document review, and site assessment activities were conducted during the week of June 7, 2004.

In summary, the following items were noted:

- The subject site consists of approximately 6,120 acres of largely undeveloped land.
- Based on a review of historical sources, most of the subject property has not previously been developed. Portions of the subject property have been developed as borrow pits, gravel pits, or prospect pits.
- Abandoned vehicles, vehicle parts, and sundry refuse and debris were observed in washes on Sections 4, 16, and 27 Township 11 South Range 47 East.
- Empty metal drums were observed in a wash on Section 4 and west of the mine storage building on Section 28 Township 11 South Range 47 East. Empty vehicle fuel tanks were observed in conjunction with abandoned vehicles on Sections 4, 16, and 27 Township 11 South Range 47 East. No evidence of leakage from any of these containers was observed.
- Several partially filled 5-gallon containers of lubricating oil were observed in the vicinity of a boring machine situated in a borrow pit located on the southeast quadrant of the southwest quadrant of Section 16 Township 11 South Range 47 East. No leakage was apparent from these containers.
- An apparent monitoring well was observed on Section 27 Township 11 South Range 47 East.
- Although the Federal Emergency Management Agency flood insurance rate map indicates that the subject site is not within the 100-year floodplain, washes located on the subject property are believed to be in the 100-year floodplain.
- Review of environmental databases indicated that four facilities located in the vicinity of the subject site have handled hazardous materials or waste and/or have been listed as having reported releases of hazardous substances or petroleum products. Due to the nature of the

releases, closure status, and distance from the subject property there is a low likelihood that these facilities represent an environmental concern to the subject site at this time. The subject site was not listed.

This Phase I ESA was performed in conformance with the scope and limitations of the American Society for Testing and Materials Practice E 1527-00. Any exceptions to or deletions from this practice are described in Section 6.1 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property at this time.

1. INTRODUCTION

Ninyo & Moore was retained by the Nye County Administration Office to perform a Phase I Environmental Site Assessment (ESA) of approximately 6,120 acres of Bureau of Land Management (BLM) land proposed for lease and eventual patent as part of the Beatty Habitat Trails Project. The subject site is comprised of all or portions of 18 sections in Township 11 South and Township 12 South in the Oasis Valley in the vicinity of Beatty, Nye County, Nevada. (hereinafter referred to as the site, subject site, or subject property). The following sections identify the purpose, the involved parties, the scope of work, and the limitations and exceptions associated with the ESA.

1.1. Purpose

In accordance with the American Society for Testing and Materials (ASTM) Standards on Environmental Site Assessments for Commercial Real Estate E 1527-00, the objective of the ESA is to identify recognized environmental conditions, which are defined by ASTM as “the presence or likely presence of any hazardous substance or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property.”

1.2. Involved Parties

Mr. Gregory Beck of Ninyo & Moore conducted the site reconnaissance on June 9, 10, and 11, 2004, and performed regulatory inquiries. Mr. Robert M. Troisi of Ninyo & Moore performed project oversight and quality review.

1.3. Scope of Work

Ninyo & Moore’s scope of work for this Phase I ESA included the following:

- Performance of a site reconnaissance to visually identify areas of possibly contaminated surficial soil or surface water, improperly stored hazardous materials, possible sources

of polychlorinated biphenyls (PCBs), and possible risks of contamination from activities at the site and adjacent properties.

- Review of readily available local regulatory agency files for the site.
- Review of available regulatory agency databases for the site and for properties located within a specified radius of the site. The purpose of this review was to evaluate the possible environmental impact to the site. These databases list locations of known hazardous waste sites, landfills, and leaking underground storage tanks (USTs), permitted facilities that utilize USTs, and facilities that use, store, or dispose of hazardous materials.
- Review of readily available historical documents, including aerial photographs, historical fire insurance rate maps, and city directories, as necessary.
- Preparation of this Phase I ESA report documenting findings and providing opinions and conclusions regarding possible environmental impacts at the site.

1.4. Limitations and Exceptions

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard of care exercised by environmental consultants performing similar work in the project area. No other warranty, expressed or implied, is made regarding the professional opinions presented in this report. Please note that this study did not include an evaluation of geotechnical conditions or potential geologic hazards. In addition, it should be noted that this Phase I ESA does not include analysis of the following: asbestos-containing material (ACM), methane gas, radon, lead-based paint, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, and high voltage power lines.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo & Moore should be contacted if the reader requires any additional information or has questions regarding the content, interpretations presented, or completeness of this document.

The findings, opinions, and conclusions are based on an analysis of the observed site conditions and the referenced literature. It should be understood that the conditions of a site could change with time as a result of natural processes or the activities of man at the subject site or nearby sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ninyo & Moore has no control. Ninyo & Moore cannot warrant or guarantee that not finding indicators of any particular hazardous material means that this particular hazardous material or any other hazardous materials do not exist on the site. Additional research, including invasive testing, can reduce the uncertainty, but no techniques now commonly employed can eliminate the uncertainty altogether.

1.5. User Reliance

This report may be relied upon and is intended exclusively for the Nye County Administration Office (client). Any use or reuse of the findings, opinions, and/or conclusions of this report by parties other than the client is undertaken at said parties' sole risk.

2. PROPERTY DESCRIPTION

2.1. Property Location and Description

The subject property consists of all or portions of 18 sections in Townships 11 and 12 South Range 47 East in the Oasis Valley. The subject property is summarized in Appendix A.

The site location is presented on Figure 1. Photographs taken during the site reconnaissance are presented in Appendix B.

2.2. Current Property Uses/Operations

The following paragraphs present a description of the structures present at the site, any tenants currently occupying the site, the activities being conducted on site, the heating and

cooling systems utilized in any site buildings, the sewage disposal system, and the potable water provider for the site.

2.2.1. Site Description

The subject property is composed primarily of undeveloped desert land, alkali meadows, and river bottomlands located along both sides of U.S. Highway 95 north of Beatty, Nevada. Vegetation on the subject property is characteristic of undisturbed land, consisting primarily of brush, cactus, and herbaceous plants in desert areas; trees, brush, and grass in river bottomlands; and grasses in alkali meadows. The subject property is bisected by numerous washes, ranging in width from several to hundreds of feet and running approximately east to west. A number of unpaved roads and dirt tracks which generally follow the washes are also present. Numerous small prospect holes are located on the subject property and significant borrow pits are located on Sections 16, 22, 28, and 34 of Township 11 South and Sections 4 and 17 of Township 12 South Range 47 East. Two unused buildings are located near a borrow pit on Section 28 of Township 11 South Range 47 East.

2.2.2. Occupants

The subject property is unoccupied.

2.2.3. Heating and Cooling Systems

The subject property is generally undeveloped with no structures. However, the two structures located on Section 28 of Township 11 South Range 47 East appear to be heated and cooled using electrical air conditioning and heating.

2.2.4. Sewage Disposal/Septic Systems

The subject property is generally undeveloped, with no structures except the two structures located on Section 28 of Township 11 South Range 47 East. However, it was not possible to determine whether or not these structures were connected to a municipal sewage system

2.2.5. Potable Water

The subject property is generally undeveloped, with no structures except the two structures located on Section 28 of Township 11 South Range 47 East. However, it was not possible to determine whether or not these structures were connected to a municipal water distribution network.

2.3. Adjacent Properties

Private property is interspersed with the subject property on each of the subject property sections except Section 15 of Township 11 South Range 47 East. These private lands are generally located adjacent to U.S. Highway 95 and include the former Torrance Ranch, Mullins property, Spicer Quarrying operation, Parker Ranch, Angels Ladies Brothel, Bailey's Hot Springs, Revert Springs, and the Town of Beatty. The remainder of land surrounding the subject property is primarily BLM land. The subject property is owned by the BLM and has no known assigned address.

3. PHYSICAL SETTING

The following sections include discussions of topographic, geologic, and hydrogeologic conditions in the vicinity of the site, based upon the document review and visual reconnaissance of the site and adjacent areas.

3.1. Site Topography

The United States Geological Survey (USGS) Thirsty Canyon Southwest Quadrangle, provisional edition dated 1986, Beatty Mountain Quadrangle, provisional edition dated 1986, and the Beatty Quadrangle, provisional edition dated 1987, 7.5-minute series topographic maps show the subject property to range in elevation from approximately 3,200 to approximately 3,930 feet above mean sea level with drainage of the site generally toward the Amargosa River. Copies of topographic maps are included in Appendix C.

3.2. Site Geology

The subject property is located in the Amargosa Valley in the southwestern portion of Nye County. This area lies in the southwestern portion of the Great Basin, within the Basin and Range physiographic province and is underlain by a wide variety of rocks, ranging in age from Precambrian to Quaternary. The Oasis Valley is a structural basin naturally formed as a result of block faulting, a fundamental characteristic of the Basin and Range physiographic province. The structural basins in the Basin and Range province are typically separated by ranges, hills, and mesas, with internal drainage into the enclosed basins. Tertiary and Quaternary alluvial fans and playa lake deposits cover these basins. These fans range in thickness from thin fans overlying rock-pediment surfaces to fans and playa lake deposits in excess of 2,000 foot thickness (Cornwall, 1972).

The Oasis Valley extends in a northeast-southwest direction and drains generally toward the southwest through a series of washes and canyons (most notably Beatty Wash and Perlite and Fluorspar Canyons) into the Amargosa River. Surrounding the alluvium-filled Valley are moderately steep mountain ranges, including Beatty Mountain and Yucca Mountain to the east, Bare Mountain to the southeast, and the Bullfrog Hills to the west.

3.3. Site Hydrology

The following sections discuss the site hydrology in terms of both surface waters and groundwater.

3.3.1. Surface Waters

The Amargosa River bisects the subject property from north to south but is not generally expressed at the land surface, particularly in the summer. A few seeps or springs are located on the subject property, primarily on Sections 4, 9, 10, and 33 of Township 11 South and Section 5 of Township 12 South. No other natural surface water bodies, including ponds, streams, or other bodies of water, are present on the site. Although the Federal Emergency Management Agency flood insurance rate map indicates that the subject site is not within the 100-year floodplain, washes located on

the subject property are believed to be in the 100-year floodplain. A flood zone map is included in Appendix D.

3.3.2. Groundwater

Annual precipitation, as measured at the Amargosa Desert Research Site (ADRS) facility, located near Beatty, Nevada, approximately 9 miles east of Death Valley National Park, averages approximately 4.25 inches. Of this, approximately 70 percent is produced during the frontal systems that occur from October through April. Average monthly temperatures range from 37° F in December to 92° F in July (ADRS, 1999).

Groundwater flows through both the alluvium of the valley and along solution cavities and fractures in the Paleozoic carbonate rocks that underlie the river basin and intervening highlands (Cornwall, 1972). Groundwater is present at very shallow depths along the Amargosa River, occasionally being expressed as surface water.

Review of the Nevada Division of Water Resources well log database indicated that the water level in wells in Sections 27, 28, and 33, Township 11 South, Range 47 East and Section 6, Township 12 South, Range 47 East ranged from approximately 20 to 150 feet bls. Based on the local topography, groundwater flow direction in the area is likely to be toward the south. Well log database information is presented in Appendix E.

4. HISTORICAL LAND USE

Ninyo & Moore conducted a historical record search for both the site and surrounding areas. This included a review of one or more of the following sources that were found to be both reasonably ascertainable and useful for the purposes of this Phase I ESA: historical aerial photographs, historical fire insurance maps, historical topographic maps, land use records, interviews with property representatives, and reviews of prior environmental assessment reports regarding the site.

The following sections summarize information obtained from the historical sources utilized for this assessment.

4.1. Historical Property Ownership

A title search was not included in the scope of work for this site and no ownership records were examined. However, the subject property has primarily been owned by BLM.

4.2. Historical Aerial Photographs

Historical aerial photographs were available and reviewed for the site and surrounding areas. A listing of the photographs reviewed is presented in Table 1. Table 2 summarizes notable observations from each photograph.

Table 1 – Aerial Photographs Reviewed

Date	Photograph Identification	Scale	Source
1984	1-2 & 2-2	1 = 14,400	A
1988	12-8, 12-9, 13-9 thru 13-13, and 4 unmarked contacts to the north	1 = 24,000	A

Sources: A – Continental Aerial Photo, Inc.

Table 2 – Aerial Photograph Summary

Year	Aerial Photograph Description
1984	Photographic coverage only available for Sections 4, 5, 8, and 17 of Township 12 South Range 47 East. Commercial and residential development and a wastewater treatment facility associated with the Town of Beatty is evident east and south of the site. The Fluorspar Canyon Road is evident as an unpaved track running east through Section 17. Additional unpaved tracks are evident on portions of the site. U.S. Highway 95 is evident as a paved road running north along the east side of Sections 8 and 17 and continuing toward the northeast from Beatty.
1988	Photographic coverage available for the entire site. A large mine is evident southwest of the southern margin of the site, across U.S. Highway 95. Scattered residential and commercial development is evident along U.S. Highway 95 from Section 33 Township 11 South Range 47 East northward. Mining buildings and activity evident west of U.S. 95 on Section 28 and east of U.S. 95 on Section 10. A quarry is evident on Section 4 Township 12 South Range 47 East. A large cleared area is evident on a privately-owned portion of Section 33. Two large areas of significant quarrying activity are evident on Section 16, east of Bailey's Hot Springs.

4.3. City Directories

The subject property has no assigned street addresses and, for the most part, has not been developed. Therefore no City Directory search was conducted.

4.4. Fire Insurance Maps

There was no Sanborn fire insurance map coverage for the subject property.

4.5. Historical Topographic Maps

The USGS Thirsty Canyon Southwest Quadrangle, provisional edition dated 1986, Beatty Mountain Quadrangle, provisional edition dated 1986, and the Beatty Quadrangle, provisional edition dated 1987, 7.5-minute series topographic maps depict the site as generally undeveloped property with scattered development to the east and west of U.S. Highway 95. Gravel or borrow pits are depicted on Sections 9, 16, 22, 28, and 33 in Township 11 South and Section 17 of Township 12 South Range 47 East. Items of potential environmental concern were not noted on or in the vicinity of the site.

4.6. Interviews

Dr. Jim Marble provided site location information. Mr. Mike Sullivan, local resident, provided limited general information regarding property usage and history. No additional on-site contact was available regarding historical details of the subject property.

4.7. Previous Reports and Documents

No previous environmental reports or documents were available for review.

5. ENVIRONMENTAL DATABASE SEARCH

A computerized environmental information database search was performed by *Environmental FirstSearch™* (*FirstSearch™*) on June 29, 2004. The *FirstSearch™* search included federal, state, and local databases. A summary of the environmental databases searched, their corresponding search radii, and number of noted sites of environmental concern, is presented in Table 3. In addition, the complete *FirstSearch™* report and a description of the assumptions and approaches to the database search is provided in Appendix F. The review was conducted to evaluate whether the site or properties within the vicinity of the site have been identified as having experienced significant unauthorized releases of hazardous substances or other events with potentially adverse environmental effects.

Table 3 – Summary of Environmental Database Search

Database Name	Agency	Search Radius (miles)	Sites Listed
National Priority List (NPL)	USEPA	1	0
Sites currently or formerly under review by US EPA (CERCLIS)	USEPA	0.5	0
No Further Remedial Activities Planned (NFRAP)	USEPA	0.125	0
RCRA Treatment, Storage, and Disposal (TSD) Facilities	USEPA	0.5	0
RCRA Corrective Action w/o TSD (CORRACTS)	USEPA	1	0
RCRA Generators List (GEN)	USEPA	0.25	0
RCRA No Longer Regulated List (NLR)	USEPA	0.12	0
Emergency Response Notification System (ERNS) List	USEPA	0.12	2
State Sites	NDEP	1	0
Permitted as solid waste landfills, incinerators, or transfer stations (SWL)	NDEP	0.5	0
Registered UST and AST Lists	NDEP	0.25	3
Leaking Underground Storage Tank (LUST) Lists	NDEP	0.5	1

The following paragraphs describe the databases that were searched for properties of environmental concern, and include a discussion of the regulatory status of the facilities and potential environmental impact to the subject site (if applicable). The groundwater gradient information provided indicates whether the individual facility is upgradient, downgradient, or crossgradient from the subject site in terms of groundwater flow.

United States Environmental Protection Agency, National Priorities List (NPL)

This list identifies hazardous material sites slated for cleanup under the federally sponsored Superfund program. These sites receive remedial funding under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). No facilities were listed within 1 mile of the site boundary.

United States Environmental Protection Agency, CERCLIS List

This list identifies hazardous material sites or environmental incidents recognized and listed on the federal level. Sites identified by the United States Environmental Protection Agency (USEPA), which may have the potential for releasing hazardous substances into the environment, are listed in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) database. No facilities were listed within 0.5 miles of the site boundary.

United States Environmental Protection Agency, NFRAP List

This archive list identifies, to the best of EPA's knowledge, sites where assessment has been completed and that EPA has determined no further steps will be taken to list this site on the NPL. This decision does not necessarily mean that there is no hazard associated with the site; it only means that, based upon available information, the location is not judged to be a potential NPL site. No facilities were listed within 0.125 miles of the site boundary.

United States Environmental Protection Agency, RCRA TSD List

This list identifies USEPA-listed facilities that report storage, treatment, and/or disposal of hazardous waste (i.e., TSD facility) under the USEPA Resource Conservation and Recovery Act (RCRA) program. No facilities were listed within 0.5 miles of the site boundary.

United States Environmental Protection Agency, CORRACTS List

This list identifies RCRA facilities that are undergoing “corrective action.” A “corrective action order” is issued pursuant to RCRA when there has been a release of hazardous waste into the environment from a RCRA facility. No facilities were listed within 1 mile of the site boundary.

United States Environmental Protection Agency, RCRA Generator (GEN)

This database identifies USEPA-listed facilities that report generation of reportable quantities of hazardous waste under the RCRA program for the identification and tracking of hazardous waste. The list consists of properties that generate hazardous waste, and is not necessarily indicative of sites where a release of hazardous substances has occurred. No facilities were listed within 0.25 miles of the site boundary.

United States Environmental Protection Agency, RCRA No Longer Regulated (NLR)

This database identifies USEPA-listed facilities that report generation of less than 100 kgs of hazardous waste under the RCRA program for the identification and tracking of hazardous waste or do not meet other RCRA requirements. No facilities were listed within 0.125 miles of the site radius.

United States Environmental Protection Agency – Emergency Response Notification System (ERNS)

The ERNS is a national database used to collect information on reported releases of oil and hazardous substances. The database contains information from spill reports made to federal authorities, including the USEPA, the United States Coast Guard, the National Response Center, and the Department of Transportation. Two facilities were listed within 0.125 miles of the site boundary.

An unidentified facility located at the corner of U.S. Highway 95 and Cedar Street was listed as being located on the site. Due to imprecision in plotting the subject property line east of Beatty, this facility is actually located approximately 0.20 miles west of the site boundary. The facility had a reported release of gasoline from an underground storage system. Following excavation of contaminated soil, investigation of possible groundwater contamination is ongoing. Due to the facility’s location opposite the Amargosa River from

the subject property boundary, there is a low likelihood that this facility represents an environmental concern to the subject site at this time.

A second unidentified facility located across from the Beatty High School on South Amargosa Street and 0.09 miles northwest of the site boundary had a complaint filed on March 4, 2003, for improper storage of gas, oil, and diesel. No release of product was reported. Based on this information, there is a low likelihood that this facility represents an environmental concern to the subject site at this time.

Nevada Department of Conservation and Natural Resources, Corrective Action Cases (State Sites)

The Nevada Department of Conservation and Natural Resources, Bureau of Corrective Actions maintains a list of cleanup evaluations and actions regarding sites with actual or potential contamination that could affect groundwater. No facilities were listed within 1 mile of the site boundary.

Nevada Department of Conservation and Natural Resources, Landfill List

The Nevada Department of Conservation and Natural Resources maintains lists of facilities including active solid waste disposal sites, inactive or closed solid waste disposal sites, and transfer facilities. No facilities were listed within 0.5 miles of the site boundary.

Nevada Department of Conservation and Natural Resources, UST and AST Registration List

Information regarding underground and aboveground storage tanks (ASTs) registered with the Nevada Department of Conservation and Natural Resources is provided on the agency's UST list and AST list. The UST and AST lists consist of properties that have registered tanks, and are not necessarily indicative of sites where a release of hazardous substances has occurred. Three facilities were listed within 0.25 miles of the site boundary.

Revert's Shell and Truckstop, located at 100 East Main Street and U.S. Highway 95 and 0.01 miles northwest of the site boundary is listed as having three permanently out of use 10,000-gallon gasoline USTs. This facility is discussed in further detail in the LUST section.

The other two facilities listed are actually the same facility. Henderson Wagon Wheel Service, located at 118 West Main Street or 0.05 miles northwest of the site boundary. This facility is listed as having seven permanently out of use gasoline or unknown substance USTs ranging in size from 2,000 to 10,000 gallons. Due to the location of this facility opposite the Amargosa River from the site boundary, there is a low likelihood that this facility represents an environmental concern to the subject site at this time.

Nevada Department of Conservation and Natural Resources, Leaking Underground Storage Tank (LUST) List

The LUST Information System is maintained by the Nevada Department of Conservation and Natural Resources. It includes sites with tanks under investigation, for potential leaks, confirmed leaks, and those to be closed. One facility was listed within 0.5 miles of the site boundary.

The Beatty Self Serve facility is located at 1st and Main streets or approximately 0.4 miles west of the site boundary. The facility had a confirmed release to soil of an unspecified substance reported on an unspecified date and was granted regulatory closure in June, 1994. A confirmed release of diesel fuel to soil was reported on April 2, 1997. The facility was granted regulatory closure in October 1998. Due to the nature of the releases, regulatory status of the facility, and location opposite the Amargosa River from the site boundary, there is a low likelihood that this facility represents an environmental concern to the subject site at this time.

6. SITE RECONNAISSANCE

Between June 9 and June 11, 2004, Mr. Gregory Beck of Ninyo & Moore conducted a site reconnaissance of the subject property. The reconnaissance involved a combination of a walking and motorized (all terrain vehicle) tour of the site and visual observations of adjoining properties. Select photographs taken during the site reconnaissance are included in Appendix B.

6.1. Physical Limitations

Several buildings located on Section 27 Township 11 South Range 47 East were located on private property and were not inspected. Two buildings located on Section 28 Township 11 South Range 47 East were locked, with the interiors inaccessible. Due to the large area of the subject property and rugged terrain over portions of the site, it was not possible to physically observe the entire subject property. Remote portions of the subject property removed from washes, roads, or other access routes, or located on extremely steep slopes were not directly observed. No other physical limitations (e.g., locked rooms, fenced areas) were encountered during the site reconnaissance. At the time of the site reconnaissance, the weather was sunny and clear with a temperature of approximately 85 degrees Fahrenheit.

6.2. Use and Storage of Hazardous Substances and Petroleum Products

Section 4 Township 11 South Range 47 East: Several empty 55-gallon drums were observed in a wash on the southeast quadrant of the southeast quadrant of Section 4. No leakage was apparent from these containers.

Section 16 Township 11 South Range 47 East: Several partially filled 5-gallon containers of lubricating oil were observed in the vicinity of a boring machine situated in a borrow pit located on the southeast quadrant of the southwest quadrant of Section 16. No leakage was apparent from these containers.

Section 28 Township 11 South Range 47 East: Two empty 55-gallon drums were observed on the west side of the mine storage building on the southwest quadrant of the southeast quadrant of Section 28. No leakage was apparent from these containers.

Empty vehicle fuel tanks were observed lying on the ground wherever abandoned vehicles were observed. No evidence of leakage was apparent from these tanks. No other stored hazardous substances or petroleum products were observed.

6.3. Storage and Disposal of Hazardous Wastes

No evidence of hazardous wastes on site was observed or reported during the site reconnaissance.

6.4. Unidentified Substance Containers

No unidentified substance containers were observed on the subject site.

6.5. Aboveground and Underground Storage Tanks

One, approximately 1,000-gallon, AST was observed above a borrow pit on Section 17 Township 12 South Range 47 East. The AST was empty and labeled as "non potable water." No evidence of leakage was observed. No other evidence of ASTs or USTs (i.e., fill pipes, vent pipes, and emergency power generators) was observed on the subject site.

6.6. Evidence of Releases

No evidence of chemical releases, i.e., odors, stressed vegetation, stains, leaks, pools of liquids, and spills, was observed on the subject site.

6.7. Polychlorinated Biphenyls (PCBs)

Three pole-mounted transformers were located north of the two former mining buildings located on Section 28 Township 11 South Range 47 East. The PCB-status of these transformers could not be determined by inspection. However, no evidence of leakage was observed.

6.8. Wastewater Systems

No wastewater systems, such as clarifiers, sumps, pits, grease traps, and floor drains, were observed on the subject property. However, two approximately 4-inch diameter PVC pipes were observed in the ground north of one building located on Section 28 Township 11 South Range 47 East. It is unknown whether or not these pipes are part of a septic system for the nearby building.

6.9. Storm Water Systems

No storm water systems were observed on the subject property.

6.10. Wells

An apparent monitoring well was observed on Section 27 Township 11 South Range 47 East. The purpose of this apparent well is unknown. No other water supply or groundwater monitoring wells were observed on the subject property.

6.11. Additional Issues

Abandoned vehicles, vehicle parts, and other debris were observed in a number of locations on the subject property. Significant concentrations of refuse and debris were observed in washes in Sections 4, 16, and 27 Township 11 South Range 47 East. No evidence of releases was observed at these locations. There were no other issues of environmental concern at the subject property at the time of the site reconnaissance.

7. FINDINGS, OPINIONS, AND CONCLUSIONS

Based upon the results of this Phase I ESA, the following findings, opinions, and conclusions are provided.

7.1. Findings and Opinions

- The subject site consists of approximately 6,120 acres of largely undeveloped land.
- Based on a review of historical sources, most of the subject property has not previously been developed. Portions of the subject property have been developed as borrow pits, gravel pits, or prospect pits.
- Abandoned vehicles, vehicle parts, and sundry refuse and debris were observed in washes on Sections 4, 16, and 27 Township 11 South Range 47 East.
- Empty metal drums were observed in a wash on Section 4 and west of the mine storage building on Section 28 Township 11 South Range 47 East. Empty vehicle fuel tanks were observed in conjunction with abandoned vehicles on Sections 4, 16, and 27

Township 11 South Range 47 East. No evidence of leakage from any of these containers was observed.

- Several partially filled 5-gallon containers of lubricating oil were observed in the vicinity of a boring machine situated in a borrow pit located on the southeast quadrant of the southwest quadrant of Section 16 Township 11 South Range 47 East. No leakage was apparent from these containers.
- An apparent monitoring well was observed on Section 27 Township 11 South Range 47 East.
- Although the Federal Emergency Management Agency flood insurance rate map indicates that the subject site is not within the 100-year floodplain, washes located on the subject property are believed to be in the 100-year floodplain.
- Review of environmental databases indicated that four facilities located in the vicinity of the subject site have handled hazardous materials or waste and/or have been listed as having reported releases of hazardous substances or petroleum products. Due to the nature of the releases, closure status, and distance from the subject property there is a low likelihood that these facilities represent an environmental concern to the subject site at this time. The subject site was not listed.

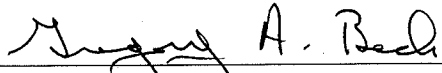
7.2. Conclusions

Ninyo & Moore has performed this Phase I ESA in conformance with the scope and limitations of the ASTM Practice E 1527-00. Any exceptions to, or deletions from, this practice are described in Section 6.1 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property at this time.

8. NEVADA CERTIFIED ENVIRONMENTAL MANAGER

In accordance with the Nevada Revised Statutes 459.500, Section 1, a holder of a certificate who is responsible for a service requiring certification shall ensure that each document relating to the service includes the following language:

I, Gregory A. Beck, hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable federal, state, and local statutes, regulations, and ordinances.



Gregory A. Beck, C.E.M.
Certified Environmental Manager
No. 1874
Expires: May 27, 2006

08-23-04

Date

9. SELECTED REFERENCES

Aerial Photographs, Las Vegas, Nevada, Continental Aerial Photo, Inc.

Environmental FirstSearch™ Report dated June 29, 2004.

Federal Emergency Management Agency, 1995, Clark County, Nevada and Incorporated Areas, Online Flood Insurance Rate Map Database.

H. R. Cornwall, 1972, Geology and Mineral Deposits of Southern Nye County, Nevada, Nevada Bureau of Mines and Geology, Bulletin 77.

Nevada Division of Water Resources, 2004, Online Well Log Database.

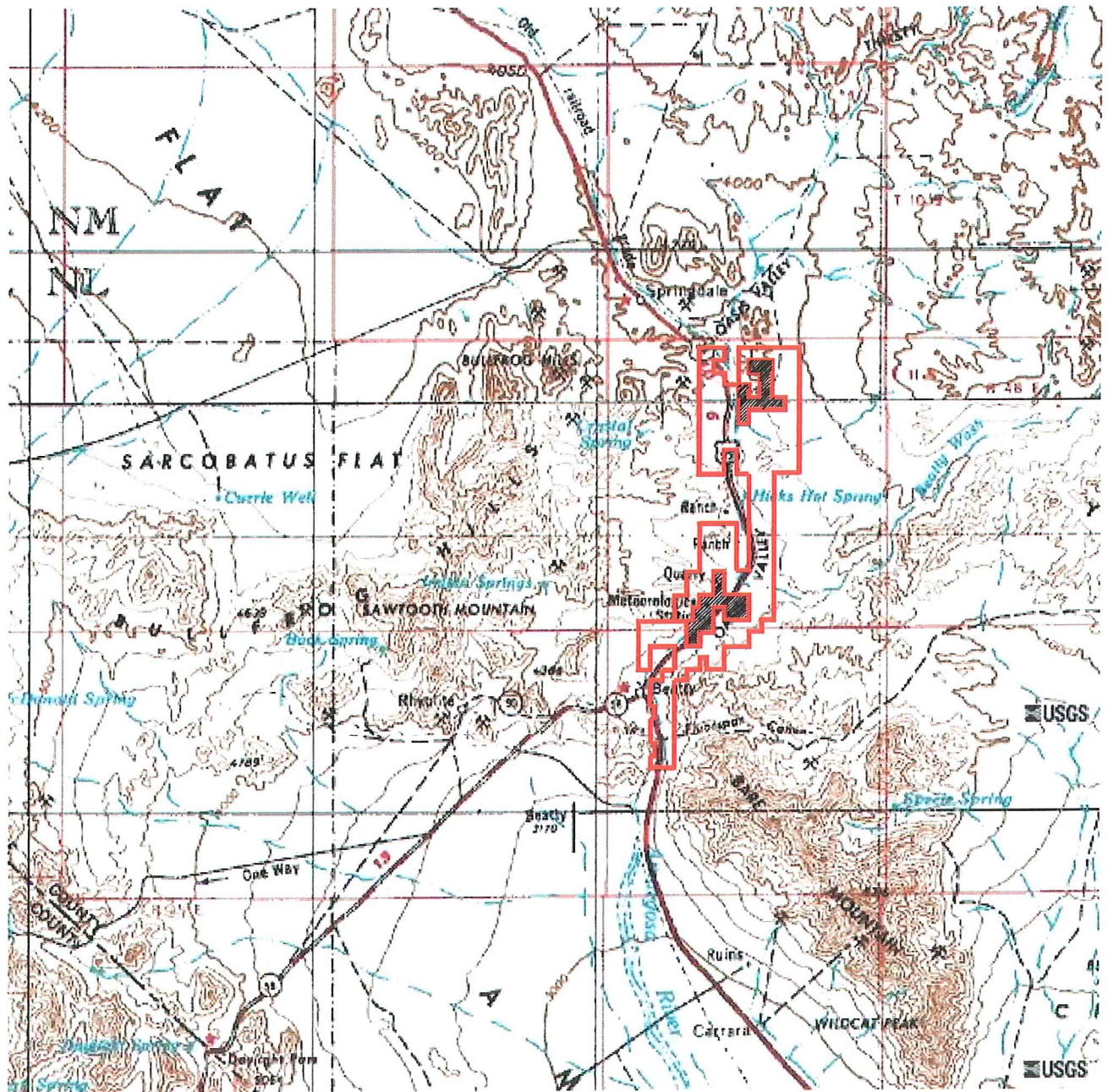
Southern Nevada Geographic Information System (GIS) Website.

United States Geological Survey, 1987, Provisional Edition, Beatty Quadrangle, Nevada: 7.5-minute series (topographic), Scale 1:24,000.



United States Geological Survey, 1987, Provisional Edition, Beatty Mountain Quadrangle, Nevada: 7.5-minute series (topographic), Scale 1:24,000.

United States Geological Survey, 1986, Provisional Edition, Thirsty Canyon Southwest Quadrangle, Nevada: 7.5-minute series (topographic), Scale 1:24,000.

FIGURES



LEGEND

-  Site Boundary
-  Private Property



REFERENCE: 2004 TERRASERVER USA WEBSITE

Ninyo & Moore

SITE LOCATION MAP

6,120 ACRES - PORTIONS OF THE BEATTY
HABITAT TRAILS PROJECT AREA
BEATTY, NEVADA

PROJECT NO.
301440001

DATE
08/2004

FIGURE
1

APPENDIX A

BUREAU OF LAND MANAGEMENT

R&PP LEASE ACREAGE

Bureau of Land Management R&PP Lease Acreage

Township	Range	Section	Section Portion	Acreage	Township	Range	Section	Section Portion	Acreage	
11 South	47 East	3	N1/2 SW 1/4	80	11 South	47 East	32	W1/2 SE1/4 SE1/4	20	
11 South	47 East	3	SE 1/4	160	11 South	47 East	33	NE1/4	160	
11 South	47 East	4	N1/2 SW 1/4	80	11 South	47 East	33	W1/2 NW1/4	80	
11 South	47 East	4	SW1/4 SW1/4	40	11 South	47 East	33	SE1/4 SW1/4	40	
11 South	47 East	4	E1/2 SE1/4	80	11 South	47 East	34	W1/2	320	
11 South	47 East	9	NE1/4 NE1/4	40	12 South	47 East	3	NW1/4 NW1/4	40	
11 South	47 East	9	SW1/4 NE1/4	40	12 South	47 East	4	NE1/4	160	
11 South	47 East	9	W1/2	320	12 South	47 East	4	NE1/4 NW1/4	40	
11 South	47 East	9	W1/2 SE1/4	80	12 South	47 East	4	S1/2 NW1/4	80	
11 South	47 East	10	NE1/4	160	12 South	47 East	4	SW1/4	160	
11 South	47 East	10	W1/2 NW1/4	80	12 South	47 East	5	W1/2 NE1/4	80	
11 South	47 East	10	S1/2 SW1/4	80	12 South	47 East	5	NW1/4	160	
11 South	47 East	10	E1/2 SE1/4	80	12 South	47 East	5	SE1/4	160	
11 South	47 East	10	SW1/4 SE1/4	40	12 South	47 East	6	E1/2 E1/2	160	
11 South	47 East	15	All	640	12 South	47 East	8	NW1/4 NE1/4	40	
11 South	47 East	16	N1/2	320	12 South	47 East	8	NE1/4 NW1/4	40	
11 South	47 East	16	SW1/4	160	12 South	47 East	8	S1/2 NW1/4	80	
11 South	47 East	16	E1/2 SE1/4	80	12 South	47 East	8	N1/2 SW1/4	80	
11 South	47 East	22	W1/2	320	12 South	47 East	8	E1/2 SW1/4 SW1/4	20	
11 South	47 East	27	W1/2 ¹	300	12 South	47 East	8	SE1/4 SW1/4	40	
11 South	47 East	28	W1/2 E1/2	160	12 South	47 East	17	NW1/4	160	
11 South	47 East	28	W1/2	320	12 South	47 East	17	E1/2 SW1/4	80	
11 South	47 East	32	E1/2 NE1/4	80	12 South	47 East	17	E1/2 NW1/4 SW1/4	20	
11 South	47 East	32	N1/2 SE1/4	80	12 South	47 East	17	SW1/4 SW1/4	40	
11 South	47 East	32	SW1/4 SE1/4	40	Total Acres					6,120

¹ All Public Lands (except 20-acre parcel)

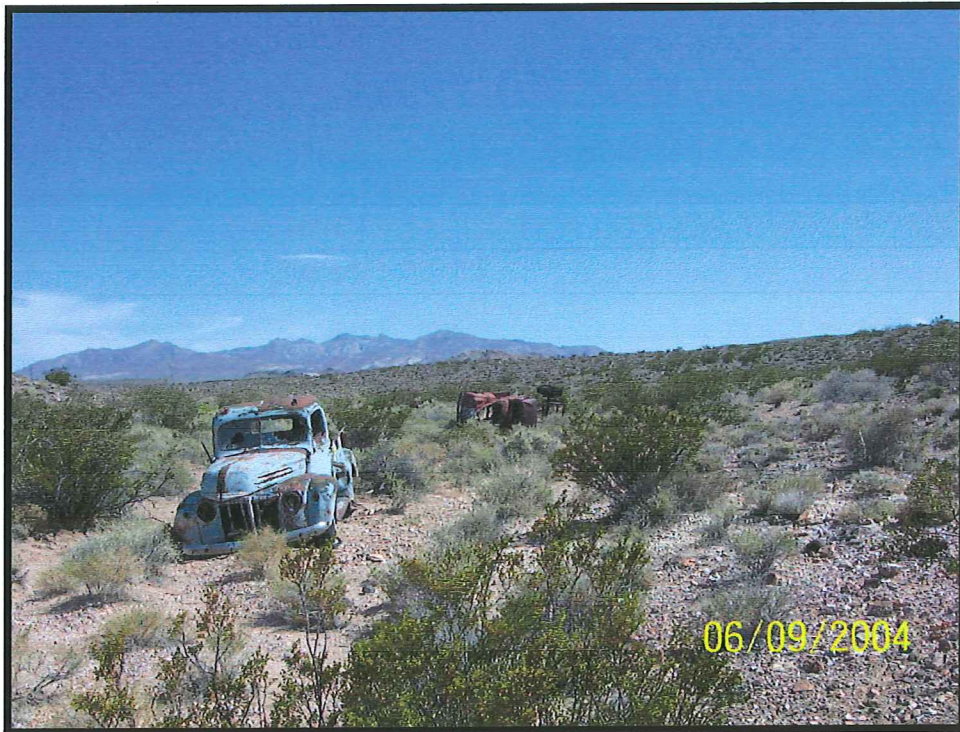
APPENDIX B
SITE PHOTOGRAPHS



**Photograph 1: View of northern Oasis Valley from Section 4
Township 11 South, facing southeast.**



**Photograph 2: View of Sections 4, 9, and 16 in northern Oasis Valley
from Section 16 Township 11 South, facing north.**



Photograph 3: View of abandoned vehicles on southwest quadrant of Section 4 Township 11 South, facing southeast.



Photograph 4: View of debris-filled prospect hole on Section 4 Township 11 South, facing northwest.



Photograph 5: View of borrow pit on Section 16 Township 11 South, facing west.



Photograph 6: View of boring equipment and containers of lubricating oil at borrow pit on Section 16, facing northeast.



Photograph 7: View of abandoned vehicles on southeast quadrant of Section 4 Township 11 South, facing northeast.



Photograph 8: View of debris and empty containers on southeast quadrant of Section 4 Township 11 South, facing northeast.



Photograph 9: View of Sections 16 and 22 Township 11 South from Section 22, facing northwest.



Photograph 10: View of Sections 22, 27, and 28 Township 11 South from Section 22, facing southwest.



**Photograph 11: View of abandoned vehicles on Section 27
Township 11 South, facing south.**



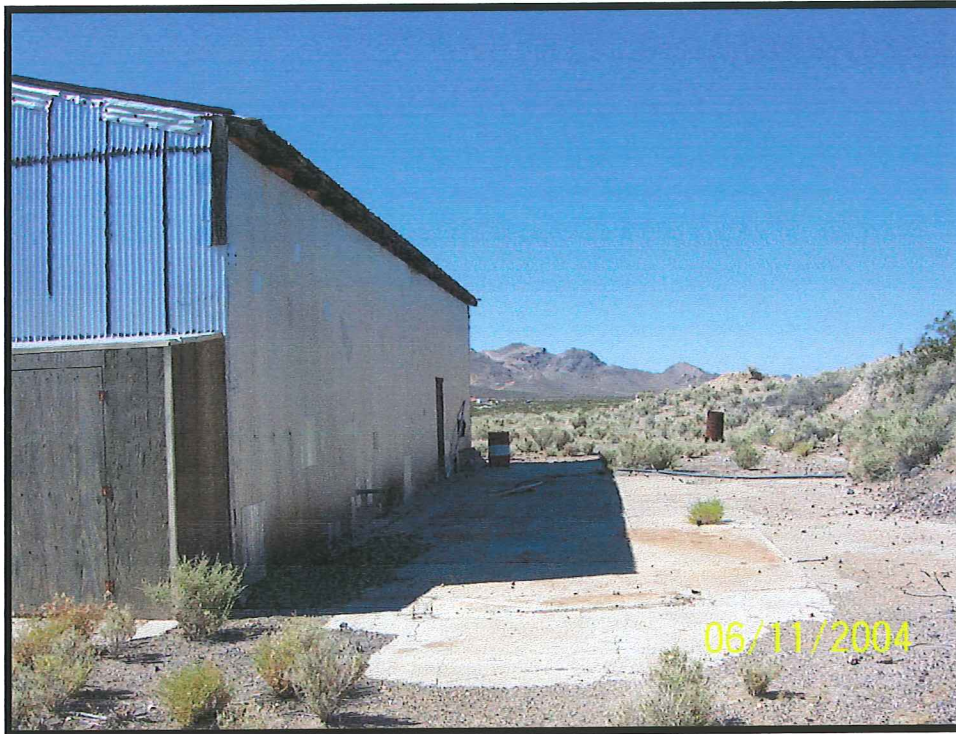
**Photograph 12: View of debris on Section 27 Township 11 South,
facing southwest.**



Photograph 15: View of mine on Section 28 Township 11 South, facing northwest.



Photograph 16: View of mine buildings on Section 28 Township 11 South and northeast quadrant of Section 33, facing south.



**Photograph 17: View of west side of mine storage building on Section 28
Township 11 South, facing south.**



**Photograph 18: View of mine office building on Section 28
Township 11 South, facing southwest.**



**Photograph 21: View of northwest quadrant of Section 5
Township 12 South, facing northwest.**



**Photograph 22: View of Sections 8 and 17 Township 12 South, facing
north.**



**Photograph 23: View of Beatty Mountain on Section 8
Township 12 South, facing northeast.**



**Photograph 24: View of debris on Section 17 Township 12 South,
facing north.**



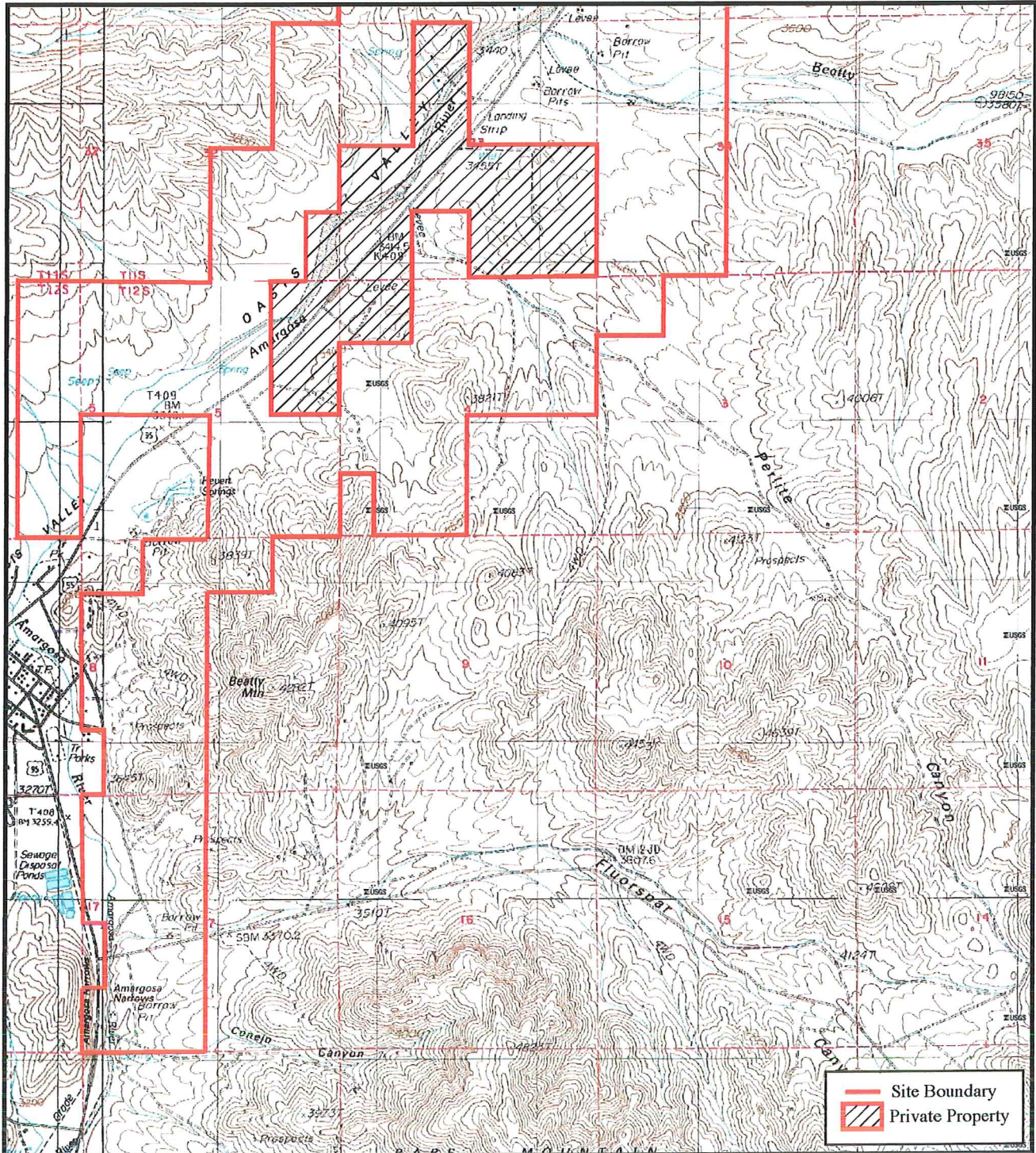
Photograph 25: View of aboveground tank at borrow pit on Section 17 Township 12 South, facing west.



Photograph 26: View of aboveground tank at borrow pit on Section 17 Township 12 South, facing north.

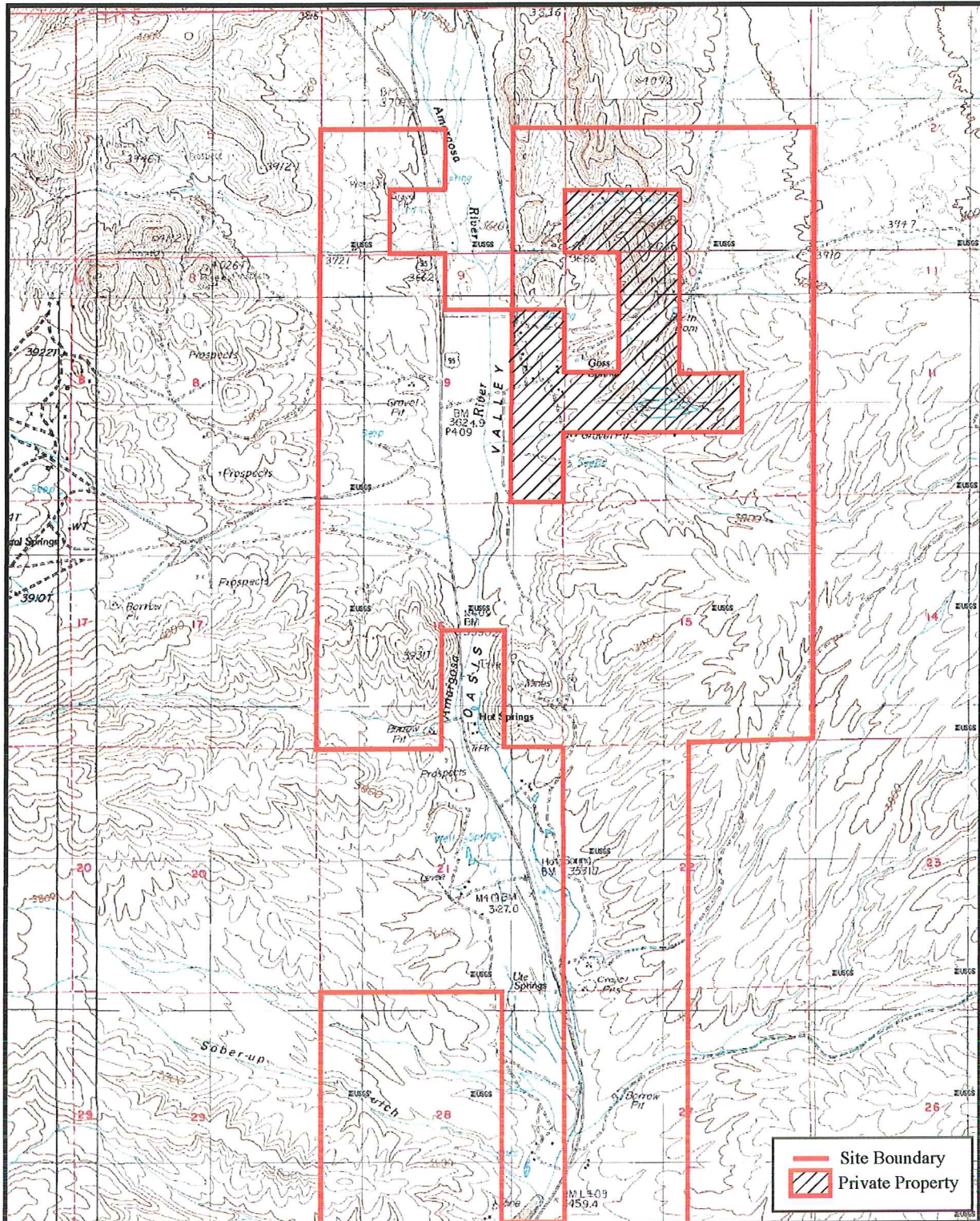
APPENDIX C
HISTORICAL TOPOGRAPHIC MAPS

Southern Portion



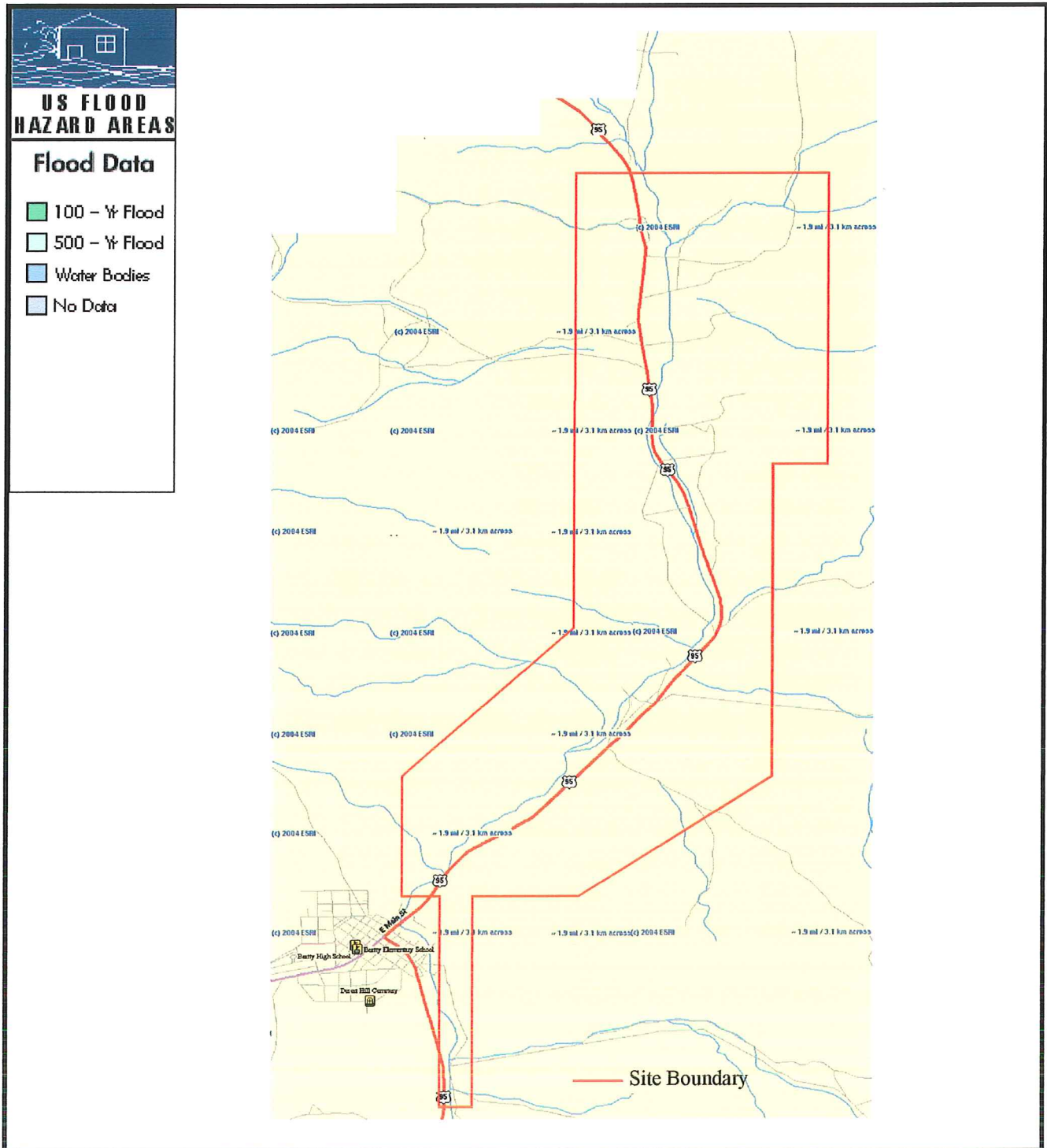
Source: USGS Beatty Mountain and Beatty Quadrangles, 1987 provisional editions, 7.5-minute series topographic maps.

Northern Portion



Source: USGS Beatty Mountain and Beatty Quadrangles, 1987 provisional edition
and Thirsty Canvon Southwest Quadrangle, 1986 provisional edition.

APPENDIX D
FLOOD ZONE INFORMATION



Source: ESRI/FEMA Flood Map Database.

APPENDIX E
Well Log Database

Nevada Division of Water Resources

Well Log Database

Query Results

Basin	County	Qtr- Qtr	Section	Twp	Rng	Owner	Date Complete	Well Log #	Driller Lic#	Total Depth	Static Water Level	Casing Diameter	APN	Work Type	Proposed Use	App #
229	32023	SW NW	27	11S	47E	U S GEOLOGICAL SURVEY	10/1/1997	69871	1859	151	29.11	2.5		N	G	

Code Definitions

Enter Well Log # to view detailed information: _____

Nevada Division of Water Resources

Well Log Database

Query Results

Basin	County	Qtr- Qtr	Section	Twp	Rng	Owner	Date Complete	Well Log #	Driller Lic#	Total Depth	Static Water Level	Casing Diameter	APN	Work Type	Proposed Use	App #
228	32023	SE SE	28	11S	47E	MANLEY, EVERETT	5/3/1995	49528	1426	120	20	8.62	18- 151- 04	N	H	
228	32023	SE SE	28	11S	47E	WAHTEN, BILL	10/13/1984	27275	1426	75	32	8	18- 151- 05	N	N	47342

Code Definitions

Enter Well Log # to view detailed information:

Nevada Division of Water Resources

Well Log Database

Query Results

Basin	County	Qtr-Qtr	Section	Twp	Rng	Owner	Date Complete	Well Log #	Driller Lic#	Total Depth	Static Water Level	Casing Diameter	APN	Work Type	Proposed Use	App #
228	32023	NE SE	33	11S	47E	MATHENY, JIM	3/6/1988	29808	1426	178	117	8.62		N	H	
228	32023	NE SE	33	11S	47E	MATHENY, JIM	4/12/1988	30326	1426	175	106	8.62		N	H	
228	32023	NE SW	33	11S	47E	KLOSE, LYLE	11/18/1991	36315	1573	75	48	8.62	18-161-38	N	H	
228	32023	NE SW	33	11S	47E	KLOSE, LYLE	11/18/1991	36314	1573	60	45	8.62	18-161-40	N	H	
228	32023	NW SE	33	11S	47E	REAMES, MIKE	9/12/2002	86831	1642	140	70	6.625	18-161-54	N	H	
228	32023	NW SE	33	11S	47E	BURKE, STEVE	7/3/1998	72889	1642	140	70	6.62	18-161-53	N	H	
228	32023	NW SE	33	11S	47E	HENDICKSON, CHUCK & LYNN	5/14/1995	49529	1426	118	70	8.62	18-161-44	N	H	
228	32023	SE	33	11S	47E	BROWN, FRED	12/1/1995	62779	783	113	98	8.62		N	H	
228	32023	SE SE	33	11S	47E	SNYDER, DAVID	2/8/2000	78710	2063	200	150	6.625	18-161-37	N	H	
228	32023	SW SW	33	11S	47E	BERNARD, JOHN F	8/24/1992	42015	1426	100	49	8.62	18-161-29	N	H	
228	32023	SW SW	33	11S	47E	BERNARD, JOHN	4/8/1988	30325	1426	100	51	8.62		N	H	

Code Definitions

Enter Well Log # to view detailed information:

Nevada Division of Water Resources

Well Log Database

Query Results

Basin	County	Qtr- Qtr	Section	Twp	Rng	Owner	Date Complete	Well Log #	Driller Lic#	Total Depth	Static Water Level	Casing Diameter	APN	Work Type	Proposed Use	App #
230	32023	SW SE	06	12S	47E	CITY OF BEATTY	10/26/1962	7135	192	200	95	10.75		N	P	20890
230	32023	SW SE	06	12S	47E	BEATTY WATER DISTRICT	6/12/1963	7268	384	175	80			N	P	20589

Code Definitions

Enter Well Log # to view detailed information:

*Environmental FirstSearch
Site Detail Report*

TARGET SITE: BEATTY NV 89003

JOB: 301440001

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 5

DIST/DIR: 0.05 NW

MAP ID: 1

NAME: SAME AS 7000042
ADDRESS: 601-603 MAIN ST
BEATTY NV 89003

REV: 07/06/00
ID1: 7-000089
ID2:
STATUS: UST
PHONE: (702) 553-2304

CONTACT: HENDERSON S WAGON WHEEL SERVICE

SUBSTANCE DESCRIPTION:

Not Listed

PIPE MATERIAL:

Galvanized Steel

TANK MODIFICATIONS DESCRIPTION:

None

PIPE MODIFICATION DESCRIPTION:

None

**Environmental FirstSearch
Site Detail Report**

TARGET SITE:
BEATTY NV 89003

JOB: 301440001

EMERGENCY RESPONSE NOTIFICATION SITE

SEARCH ID: 2 **DIST/DIR:** 0.09 NW **MAP ID:** 5

NAME: MIDDLE OF BLOCK ACROSS THE STREET FROM BEATTY HIGH **REV:** 12/31/03
ADDRESS: SOUTH AMARGOSA STREET **ID1:** NRC-638424
 BEATTY NV 89003 **ID2:**
 NYE **STATUS:** FIXED
CONTACT: BERTRUM GRAY **PHONE:**

SITE INFORMATION

THIS INFORMATION WAS OBTAINED FROM THE NATIONAL RESPONSE CENTER

DATE RECEIVED: 3/4/2003 11:03:07 AM **DATE COMPLETE:**
3/4/2003 11:16:09 AM
CALL TAKER: NXR7436 **CALL TYPE:** INC

RESPONSIBLE PARTY: BERTRUM GRAY
PHONE #1:
PHONE #2:
PHONE #3:

RESPONSIBLE COMPANY: BATTY GROUND AND IMPROVEMENT DISTRICT
ORGANIZATION TYPE: LOCAL GOVERNMENT

ADDRESS: SOUTH AMARGOSA STREET
 BEATTY NV 89003

SOURCE: TELEPHONE

INCIDENT INFORMATION

INCIDENT DESCRIPTION: GAS, OIL AND DIESEL ARE BEING STORED OUTSIDE OF THE FACILITY AND THEY ARE NOT IN PROPER CONTAINERS.

INCIDENT TYPE: FIXED **INCIDENT CAUSE:** OPERATOR ERROR
INCIDENT DATE: 2/12/2003 12:00:00 PM **INCIDENT DATE DESC:**
OCCURRED

DISTANCE FROM CITY: **DISTANCE UNITS:**
DIRECTION FROM CITY: **LOCATION SECTION:**
LOCATION TOWNSHIP: **LOCATION RANGE:**

AIRCRAFT TYPE: **AIRCRAFT MODEL:**
AIRCRAFT ID: **AIRCRAFT FUEL CAPACITY:**
AIRCRAFT FUEL CAPACITY UNITS: **AIRCRAFT FUEL ON BOARD:**
AIRCRAFT FUEL ON BOARD UNITS: **AIRCRAFT SPOT NUMBER:**
AIRCRAFT HANGER: **AIRCRAFT RUNWAY NUM:**
ROAD MILE MARKER: **BUILDING ID:**
TYPE OF FIXED OBJECT: OTHER **POWER GEN FACILITY:** N
GENERATING CAPACITY: **TYPE OF FUEL:**
NPDES: **NPDES COMPLIANCE:** U
PIPELINE TYPE: **DOT REGULATED:** U
PIPELINE ABOVE GROUND: ABOVE **EXPOSED UNDERWATER:** N
PIPELINE COVERED: U **GRADE CROSSING:** N

- Continued on next page -

Environmental FirstSearch Site Detail Report

TARGET SITE: BEATTY NV 89003

JOB: 301440001

EMERGENCY RESPONSE NOTIFICATION SITE

SEARCH ID: 2	DIST/DIR: 0.09 NW	MAP ID: 5
---------------------	--------------------------	------------------

NAME: MIDDLE OF BLOCK ACROSS THE STREET FROM BEATTY HIGH	REV: 12/31/03
ADDRESS: SOUTH AMARGOSA STREET	ID1: NRC-638424
BEATTY NV 89003	ID2:
NYE	STATUS: FIXED
CONTACT: BERTRUM GRAY	PHONE:

45	WIND DIRECTION:
WIND SPEED:	SHEEN SIZE:
WATER SUPPLY CONTAM: U	DIR OF SHEEN TRAVEL:
SHEEN COLOR:	WAVE CONDITION:
SHEEN ODOR DESCRIPTION:	CURRENT DIRECTION:
CURRENT SPEED:	
WATER TEMPERATURE:	

DESC OF REMEDIAL ACTION: NONE

EMPL FATALITY:	PASS FATALITY:
COMMUNITY IMPACT: N	WIND SPEED UNITS:
EMPLOYEE INJURIES:	PASSENGER INJURIES:
OCCUPANT FATALITY:	CURRENT SPEED UNITS:
ROAD CLOSURE UNITS:	TRACK CLOSURE UNITS:
SHEEN SIZE UNITS:	STATE AGENCY NOTIFIED:
FED AGENCY NOTIFIED:	NEAREST RIVER MILE MARK:
SHEEN SIZE LENGTH:	SHEEN SIZE LENGTH UNITS:
SHEEN SIZE WIDTH:	SHEEN SIZE WIDTH UNITS:
OFFSHORE: N	DURATION UNIT:
RELEASE RATE UNIT:	RELEASE RATE RATE:

ADDITIONAL INFO: THE CALLER HAD NO FURTHER INFORMATION.

MATERIAL INFORMATION

CHRIS CODE: GAS	CASE NUMBER: 000000-00-0
UN NUMBER:	REACHED WATER: NO

NAME OF MATERIAL: GASOLINE: AUTOMOTIVE (UNLEADED)
AMOUNT OF MATERIAL: 0 UNKNOWN AMOUNT
AMOUNT IN WATER:

CHRIS CODE: OTW	CASE NUMBER: 000000-00-0
UN NUMBER:	REACHED WATER: NO

NAME OF MATERIAL: OIL, FUEL: NO. 2
AMOUNT OF MATERIAL: 0 UNKNOWN AMOUNT
AMOUNT IN WATER:

CHRIS CODE: OMT	CASE NUMBER: 000000-00-0
UN NUMBER:	REACHED WATER: NO

NAME OF MATERIAL: OIL, MISC: MOTOR
AMOUNT OF MATERIAL: 0 UNKNOWN AMOUNT

- Continued on next page -

Environmental FirstSearch
Site Detail Report

TARGET SITE: BEATTY NV 89003

JOB: 301440001

EMERGENCY RESPONSE NOTIFICATION SITE

SEARCH ID: 2

DIST/DIR: 0.09 NW

MAP ID: 5

NAME:	MIDDLE OF BLOCK ACROSS THE STREET FROM BEATTY HIGH	REV:	12/31/03
ADDRESS:	SOUTH AMARGOSA STREET BEATTY NV 89003 NYE	ID1:	NRC-638424
CONTACT:	BERTRUM GRAY	ID2:	
		STATUS:	FIXED
		PHONE:	

AMOUNT IN WATER:

OTHER MATERIAL INFORMATION

MOBILE DETAILS INFORMATION

TRAIN INFORMATION

VESSEL INFORMATION

**Environmental FirstSearch
Federal Databases and Sources**

ASTM Databases:

CERCLIS: *Comprehensive Environmental Response Compensation and Liability Information System.* The EPA's database of current and potential Superfund sites currently or previously under investigation. Source: Environmental Protection Agency.

Updated quarterly.

CERCLIS-NFRAP (Archive): *Comprehensive Environmental Response Compensation and Liability Information System Archived Sites.* The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Updated quarterly.

ERNS: *Emergency Response Notification System.* The EPA's database of emergency response actions. Source: Environmental Protection Agency. Data since January, 2001, has been received from the National Response Center as the EPA no longer maintains this data.

Updated quarterly.

FINDS: *The Facility Index System.* The EPA's Index of identification numbers associated with a property or facility which the EPA has investigated or has been made aware of in conjunction with various regulatory programs. Each record indicates the EPA office that may have files on the site or facility. Source: Environmental Protection Agency.

Updated semi-annually.

NPL: *National Priority List.* The EPA's list of confirmed or proposed Superfund sites. Source: Environmental Protection Agency.

Updated quarterly.

RCRIS: *Resource Conservation and Recovery Information System.* The EPA's database of registered hazardous waste generators and treatment, storage and disposal facilities. Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List). Source: Environmental Protection Agency.

RCRA TSD: *Resource Conservation and Recovery Information System Treatment, Storage, and Disposal Facilities.* The EPA's database of RCRIS sites which treat, store, dispose, or incinerate hazardous waste. This information is also reported in the standard RCRIS detailed data.

ASTM Databases (continued):

RCRA COR: *Resource Conservation and Recovery Information System Corrective Action Sites.* The EPA's database of RCRIS sites with reported corrective action. This information is also reported in the standard RCRIS detailed data.

RCRA GEN: *Resource Conservation and Recovery Information System Large and Small Quantity Generators.* The EPA's database of RCRIS sites that create more than 100kg of hazardous waste per month or meet other RCRA requirements. Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List).

RCRA NLR: *Resource Conservation and Recovery Information System sites No Longer Regulated.* The EPA's database of RCRIS sites that create less than 100kg of hazardous waste per month or do not meet other RCRA requirements.

All RCRA databases are Updated quarterly

**Environmental FirstSearch
Federal Databases and Sources**

Non-ASTM Databases:

HMIRS: Hazardous Materials Incident Response System. This database contains information from the US Department of Transportation regarding materials, packaging, and a description of events for tracked incidents.

Updated quarterly.

NCDB: National Compliance Database. The National Compliance Data Base System (NCDB) tracks regional compliance and enforcement activity and manages the Pesticides and Toxic Substances Compliance and Enforcement program at a national level. The system tracks all compliance monitoring and enforcement activities from the time an inspector conducts and inspection until the time the inspector closes or the case settles the enforcement action. NCDB is the national repository of the 10 regional and Headquarters FIFRA/TSCA Tracking System (FTTS). Data collected in the regional FTTS is transferred to NCDB to support the need for monitoring national performance of regional programs.

Updated quarterly

NPDES: National Pollution Discharge Elimination System. The EPA's database of all permitted facilities receiving and discharging effluents. Source: Environmental Protection Agency.

Updated semi-annually.

NRDB: National Radon Database. The NRDB was created by the EPA to distribute information regarding the EPA/State Residential Radon Surveys and the National Residential Radon Survey. The data is presented by zipcode in Environmental FirstSearch Reports. Source: National Technical Information Service (NTIS)

Updated Periodically

Nuclear: The Nuclear Regulatory Commission's (NRC) list of permitted nuclear facilities.

Updated Periodically

PADS: PCB Activity Database System

The EPA's database PCB handlers (generators, transporters, storers and/or disposers) that are required to notify the EPA, the rules being similar to RCRA. This database indicates the type of handler and registration number. Also included is the PCB Transformer Registration Database.

Updated semi-annually.

Receptors: 1995 TIGER census listing of schools and hospitals that may house individuals deemed sensitive to environmental discharges due to their fragile immune systems.

Updated Periodically

Non-ASTM Databases (continued):

RELEASES: *Air and Surface Water Releases.* A subset of the EPA's ERNS database which have impacted only air or surface water.

Updated semi-annually.

Soils: This database includes the State Soil Geographic (STATSGO) data for the conterminous United States. It contains information regarding soil characteristics such as water capacity, percent clay, organic material, permeability, thickness of layers, hydrological characteristics, quality of drainage, surface, slope, liquid limit, and the annual frequency of flooding. Source: United States Geographical Survey (USGS).

Updated quarterly

TRIS: *Toxic Release Inventory System.* The EPA's database of all facilities that have had or may be prone to toxic material releases. Source: Environmental Protection Agency.

Updated semi-annually.

**Environmental FirstSearch
Nevada Databases and Sources**

CORRECTIVE ACTION CASES (STATE SITES)

Source: The Nevada Department of Conservation and Natural Resources,
Division of Environmental Protection (NDEP), Bureau of Corrective
Actions

Phone: (702) 687-4670

The Bureau of Corrective Actions maintains a list of clean-up evaluations and actions regarding sites with actual or potential contamination that could affect groundwater. This includes various types of sites including those regulated under Nevada State legislation described in detail in the Nevada State web site under legislation section NAC445.226 - NAC445.2739. For access to files or more information regarding specific sites, please call the number listed above.

LEAKING UNDERGROUND STORAGE TANKS (LUST)

Source: The Nevada Department of Conservation and Natural Resources,
Division of Environmental Protection (NDEP), Bureau of Corrective
Actions

Phone: (702) 687-4670

This division maintains an inventory of sites with leaking underground storage tanks. It includes sites with tanks under investigation for potential leaks, confirmed leaks, and those to be closed. For access to files or more information regarding specific sites, please call the number listed above.

UNDERGROUND STORAGE TANKS (UST)

Source: The Nevada Department of Conservation and Natural Resources,
Division of Environmental Protection (NDEP), Bureau of Corrective
Actions

Phone: (702) 687-4670

This division maintains an inventory of underground storage tanks. For access to files or more information regarding specific sites, please call the number listed above.

ABOVE GROUND STORAGE TANKS (AST)

Source: The Nevada Department of Conservation and Natural Resources,
Division of Environmental Protection (NDEP), Bureau of Corrective
Actions

Phone: (702) 687-4670

This division maintains an inventory of sites with above ground storage tanks. For more information regarding specific sites, please call the number listed above.

**Environmental FirstSearch
Nevada Databases and Sources (continued)**

Please Note:

AST sites are listed within the UST area of the First Search reports. They can be identified as AST sites by the site ID number. The site ID number is located in the Site Summary or Site Details section of the report. The site ID notes "AST" before the agency id.

SOLID WASTE LANDFILLS (SWL)

Source: The Nevada Department of Conservation and Natural Resources,
Division of Environmental Protection (NDEP), Office of Solid
Waste

Phone: (702) 687-4670

This division maintains an inventory of various solid waste facilities including open, closed, & permitted landfills, dumps, pesticide sites, and transfer stations. The inventory notes landfill class type and if the site is a private or government facility. For more information regarding specific sites, please call the number listed above.

WASHOE COUNTY LEAKING UNDERGROUND STORAGE TANKS (LUST)

Source: Washoe County Department of Environmental Health

Phone: (702) 328-2434

This department maintains a list of sites with leaking underground storage tanks. It includes sites with tanks under investigation for potential leaks, confirmed leaks, and those to be closed or needing emergency action. For more information regarding specific sites, please call the number listed above.

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

TARGET SITE: BEATTY NV 89003

JOB: 301440001

Street Name	Dist/Dir	Street Name	Dist/Dir
1st St	0.00 --		
2nd St	0.00 --		
3rd St	0.00 --		
4th St	0.00 --		
A Ave SOUTH	0.15 NW		
Amargosa St	0.00 --		
B Ave SOUTH	0.20 NW		
Beach St	0.00 --		
Beatty Wash Rd	0.00 --		
Beyond Hope St	0.20 NW		
Boiling Pot Rd	0.00 --		
Cedar St	0.00 --		
Crowell Ave	0.16 NW		
Fleur de Lis Rd	0.00 --		
Hope St	0.20 NW		
Hoyt St	0.22 NW		
Irving St	0.11 NW		
Knight Ave	0.00 --		
Kristen Ave	0.23 NW		
Lewis St	0.00 --		
Main St	0.06 NW		
Mc Donald St	0.00 --		
Montgomery St	0.00 --		
N A Ave	0.19 NW		
NORTH A Ave	0.19 NW		
North Ave	0.20 NW		
Oleo Rd	0.00 --		
Pine St	0.00 --		
Pioneer Rd	0.00 --		
Reibel St	0.08 NW		
Revert	0.19 NW		
State Route 374	0.22 NW		
United States Highwa	0.00 --		
Valley St	0.00 --		
Ward St	0.12 NW		
Watson St	0.00 --		

APPENDIX F
ENVIRONMENTAL DATABASE SEARCH

TRACK ► INFO SERVICES, LLC

Environmental FirstSearch™ Report

TARGET PROPERTY:

BEATTY NV 89003

Job Number: 301440001

PREPARED FOR:

Ninyo and Moore
6700 Paradise Road, Suite E
Las Vegas, NV 89119

06-29-04



Tel: (323) 664-9981

Fax: (323) 664-9982

Environmental FirstSearch Search Summary Report

Target Site:

BEATTY NV 89003

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	04-08-04	1.00	0	0	0	0	0	0	0
CERCLIS	Y	02-09-04	0.50	0	0	0	0	-	0	0
NFRAP	Y	02-09-04	0.12	0	0	-	-	-	0	0
RCRA TSD	Y	02-09-04	0.50	0	0	0	0	-	0	0
RCRA COR	Y	02-09-04	1.00	0	0	0	0	0	0	0
RCRA GEN	Y	02-09-04	0.25	0	0	0	-	-	0	0
RCRA NLR	Y	02-09-04	0.12	0	0	-	-	-	0	0
ERNS	Y	12-31-03	0.12	1	1	-	-	-	0	2
State Sites	Y	04-09-03	1.00	0	0	0	0	0	0	0
SWL	Y	06-27-02	0.50	0	0	0	0	-	0	0
REG UST/AST	Y	12-08-03	0.25	0	3	0	-	-	0	3
Leaking UST	Y	01-05-04	0.50	0	1	0	0	-	0	1
- TOTALS -				1	5	0	0	0	0	6

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to TRACK Info Services, certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in TRACK Info Services's databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although TRACK Info Services uses its best efforts to research the actual location of each site, TRACK Info Services does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of TRACK Info Services's services proceeding are signifying an understanding of TRACK Info Services's searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

***Environmental FirstSearch
Site Information Report***

Request Date: 06-29-04
Requestor Name: Gregory Beck
Standard: ASTM

Search Type: AREA
Job Number: 301440001
Filtered Report

TARGET ADDRESS:

BEATTY NV 89003

Demographics

Sites: 6	Non-Geocoded: 0	Population: NA
Radon: -0.5 - 8.6 PCI/L		

Site Location

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>	<u>UTMs</u>
Longitude:	-116.736017	-116:44:10	Easting: 523504.725
Latitude:	36.948079	36:56:53	Northing: 4088942.134
			Zone: 11

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 0 Mile(s)	Services:																																		
<table border="1"> <thead> <tr> <th>ZIP Code</th> <th>City Name</th> <th>ST</th> <th>Dist/Dir</th> <th>Sel</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	ZIP Code	City Name	ST	Dist/Dir	Sel						<table border="1"> <thead> <tr> <th></th> <th>Requested?</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>Sanborns</td> <td>No</td> <td></td> </tr> <tr> <td>Aerial Photographs</td> <td>No</td> <td></td> </tr> <tr> <td>Topographical Maps</td> <td>No</td> <td></td> </tr> <tr> <td>City Directories</td> <td>No</td> <td></td> </tr> <tr> <td>Title Search</td> <td>No</td> <td></td> </tr> <tr> <td>Municipal Reports</td> <td>No</td> <td></td> </tr> <tr> <td>Online Topos</td> <td>No</td> <td></td> </tr> </tbody> </table>		Requested?	Date	Sanborns	No		Aerial Photographs	No		Topographical Maps	No		City Directories	No		Title Search	No		Municipal Reports	No		Online Topos	No	
ZIP Code	City Name	ST	Dist/Dir	Sel																															
	Requested?	Date																																	
Sanborns	No																																		
Aerial Photographs	No																																		
Topographical Maps	No																																		
City Directories	No																																		
Title Search	No																																		
Municipal Reports	No																																		
Online Topos	No																																		

Environmental FirstSearch
Selected Sites Summary Report

TARGET SITE:

BEATTY NV 89003

JOB: 301440001

TOTAL: 6

GEOCODED: 6

NON GEOCODED: 0

SELECTED: 6

ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
3	ERNS	512898/UNDERGROUND STORAGE	CORNER OF HWY 95 & CEDAR STREE BEATTY NV	0.00 --	2
6	LUST	BEATTY SELF SERVE 7-000090	1ST AND MAIN STREET BEATTY NV 89003	0.01 NW	3
4	UST	REVERTS SHELL & TRUCKSTOP 7-000090/UST	100 E MAIN ST / HWY 95 BEATTY NV 89003	0.01 NW	4
1	UST	HENDERSON WAGON WHEEL SERVICE 7-000042/UST	118 W. MAIN STREET BEATTY NV 89003	0.05 NW	1
5	UST	SAME AS 7000042 7-000089/UST	601-603 MAIN ST BEATTY NV 89003	0.05 NW	1
2	ERNS	MIDDLE OF BLOCK ACROSS THE STREET F NRC-638424/FIXED	SOUTH AMARGOSA STREET BEATTY NV 89003	0.09 NW	5

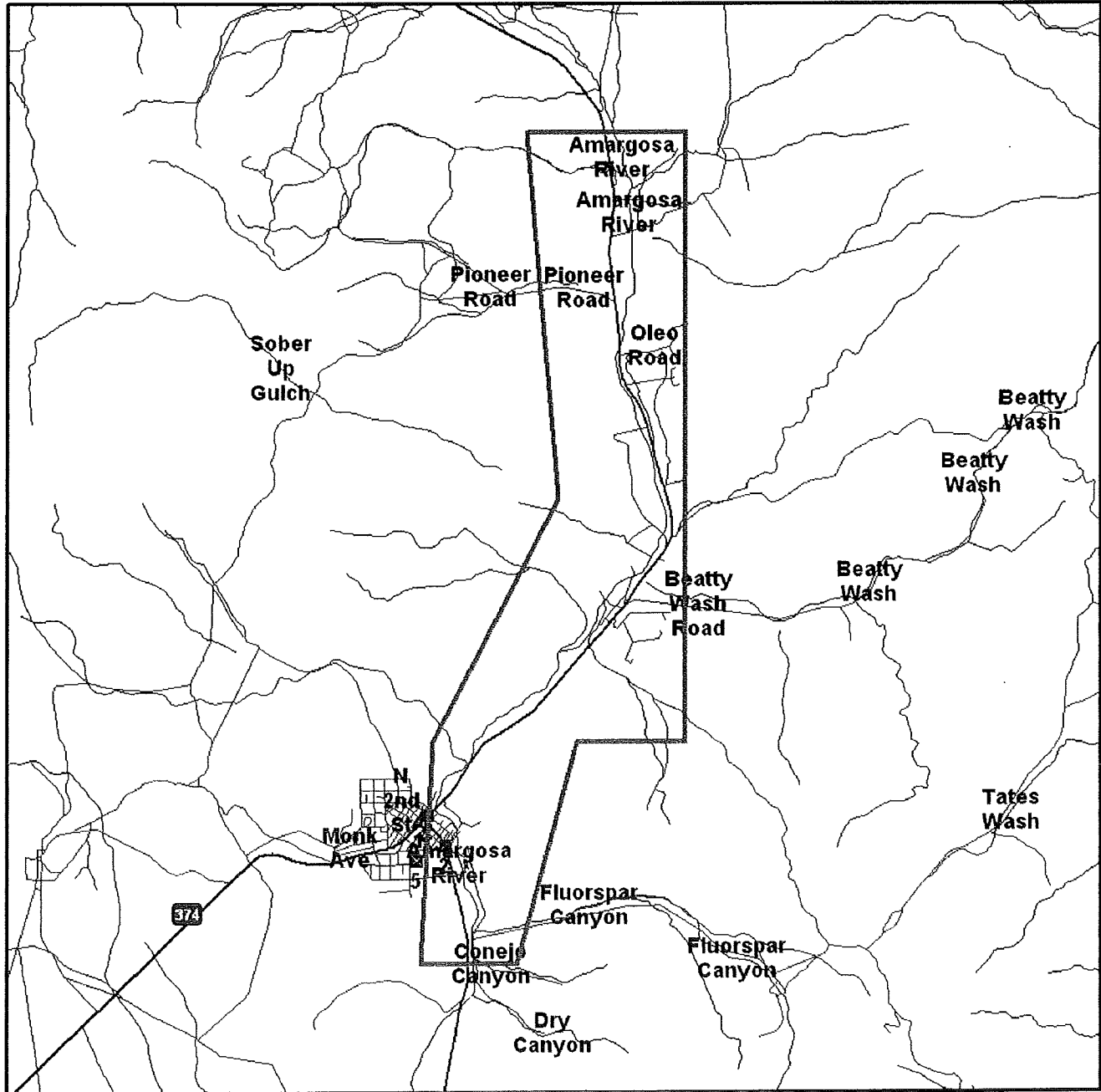


Environmental FirstSearch

1 Mile Radius from Area
ASTM: All Databases



, BEATTY NV 89003



Source: 1999 U.S. Census TIGER Files

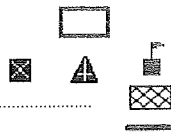
Area Polygon

Identified Site, Multiple Sites, Receptor

NPL, Solid Waste Landfill (SWL) or Hazardous Waste

Railroads

Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius



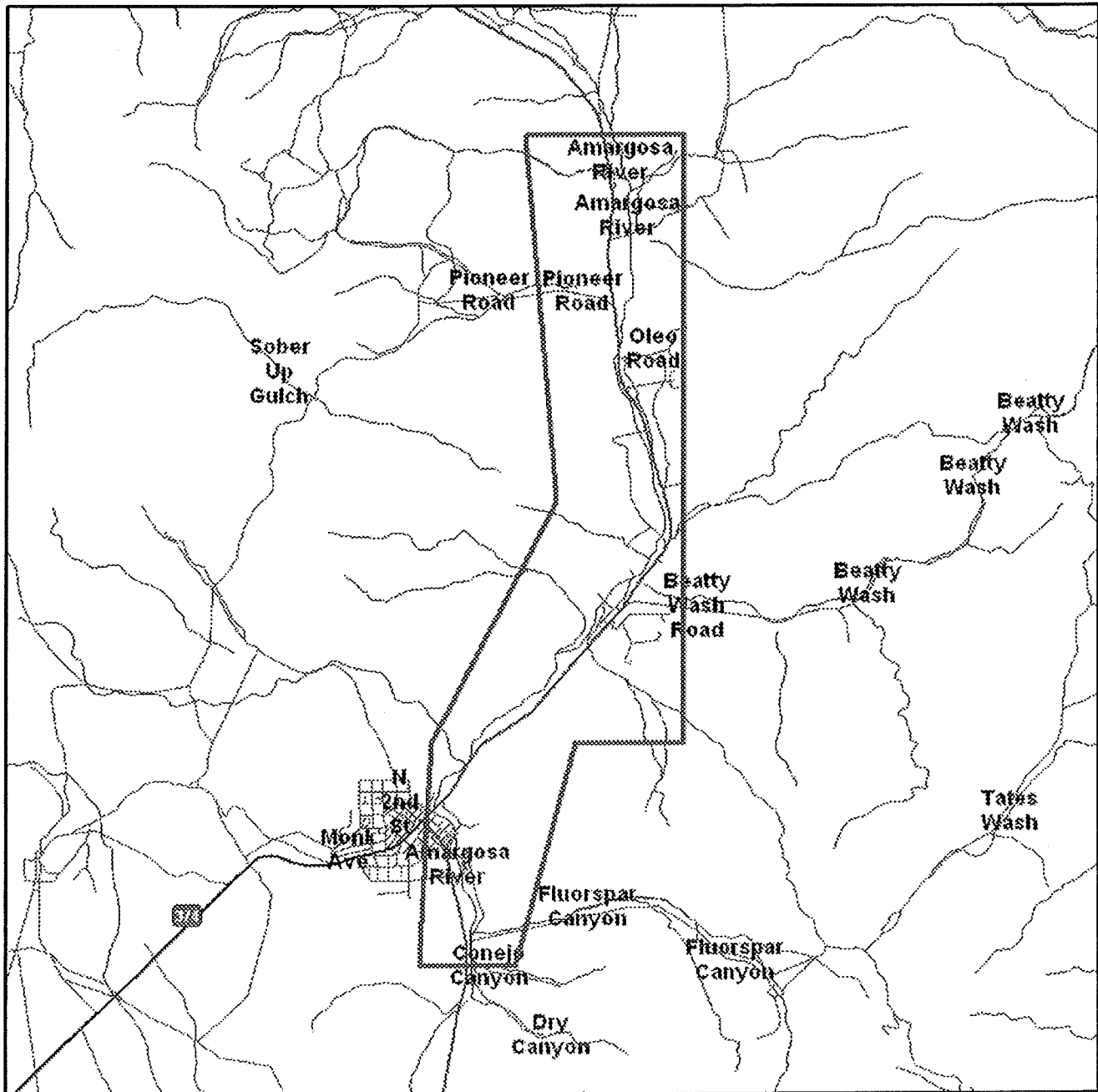


Environmental FirstSearch

1 Mile Radius from Area
ASTM: NPL, RCRACOR, STATE

Environmental
FIRSTSEARCH

, BEATTY NV 89003



Source: 1999 U.S. Census TIGER Files

- Area Polygon
- Identified Site, Multiple Sites, Receptor
- NPL, Solid Waste Landfill (SWL) or Hazardous Waste
- Railroads

Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius

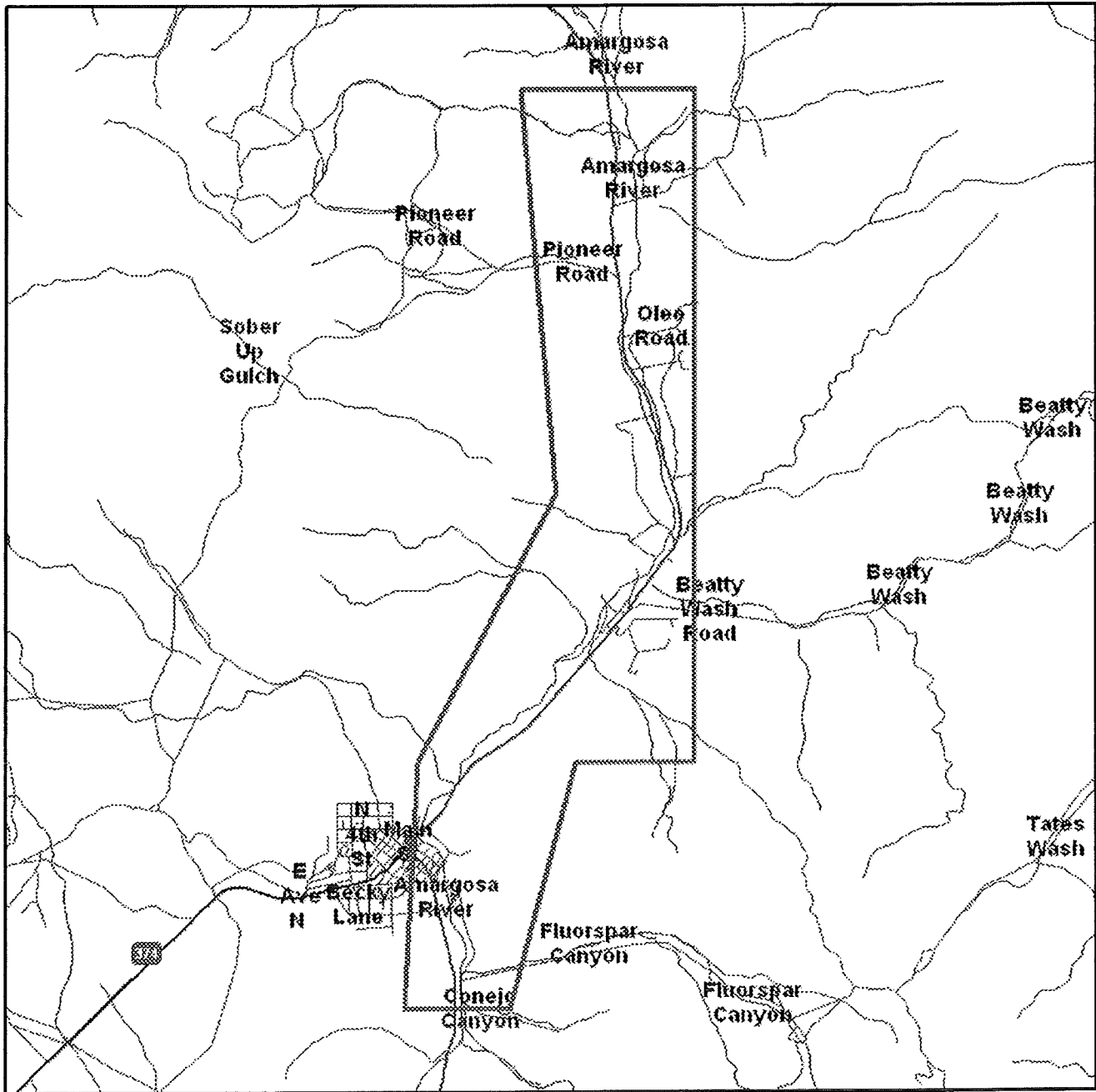


Environmental FirstSearch

.5 Mile Radius from Area
ASTM: CERCLIS, RCRATSD, LUST, SWL

Environmental
FIRSTSEARCH

, BEATTY NV 89003



Source: 1999 U.S. Census TIGER Files

- Area Polygon
- Identified Site, Multiple Sites, Receptor
- NPL, Solid Waste Landfill (SWL) or Hazardous Waste
- Railroads
- Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius

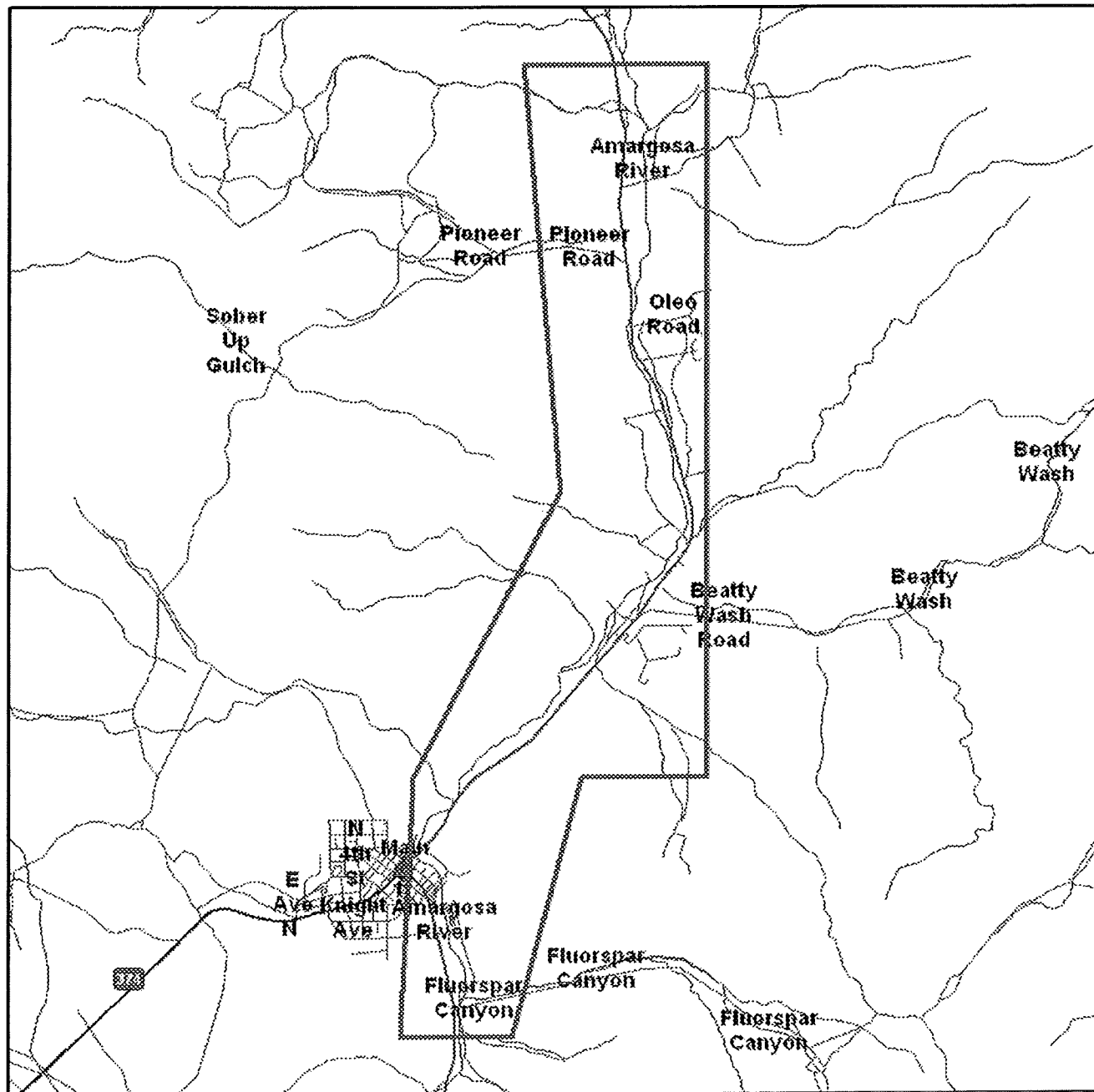


Environmental FirstSearch

.25 Mile Radius from Area
ASTM: RCRAGEN, UST

Environmental
FIRSTSEARCH

, BEATTY NV 89003



Source: 1999 U.S. Census TIGER Files

- Area Polygon
- Identified Site, Multiple Sites, Receptor
- NPL, Solid Waste Landfill (SWL) or Hazardous Waste
- Railroads

Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius

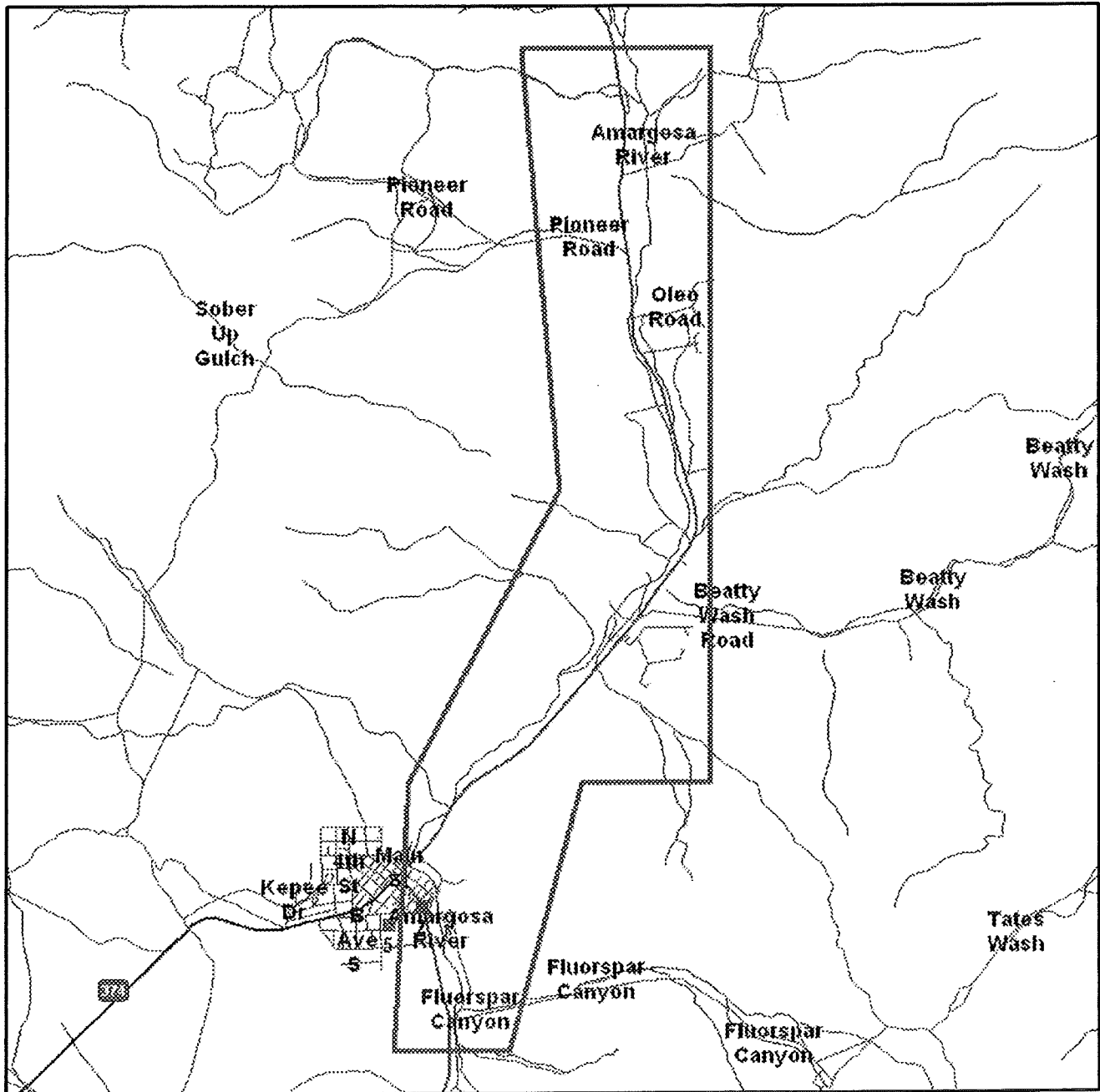


Environmental FirstSearch

.12 Mile Radius from Area
ASTM: NFRAP, ERNS, RCRANLR

Environmental
FIRSTSEARCH

, BEATTY NV 89003



Source: 1999 U.S. Census TIGER Files

- Area Polygon
- Identified Site, Multiple Sites, Receptor
- NPL, Solid Waste Landfill (SWL) or Hazardous Waste
- Railroads
- Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius

**Environmental FirstSearch
Site Detail Report**

TARGET SITE:

BEATTY NV 89003

JOB: 301440001

EMERGENCY RESPONSE NOTIFICATION SITE

SEARCH ID: 3 **DIST/DIR:** 0.00 -- **MAP ID:** 2

NAME:
ADDRESS: CORNER OF HWY 95 & CEDAR STREET
BEATTY NV
CONTACT:

REV:
ID1: 512898
ID2:
STATUS: UNDERGROUND STORAGE TANK
PHONE:

SPILL INFORMATION

DATE OF SPILL: **TIME OF SPILL:** 0000

PRODUCT RELEASED (1): GASOLINES:AUTOMOTIVE
QUANTITY (1): 0
UNITS (1): UNK

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** YES
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: EXCAVATED @ 600 TONS OF IMPACTED MATERIAL AND RELOCATED TO INDUSTRIAL LANDFILL.
RELEASE DETECTION: HISTORIC LEAK OF UST BAD PIPING FOUND UPON UST REMOVAL
MISC. NOTES: GROUNDWATER MONITORING UNDERWAY TO DETERMINE WHETHER CONTAMINATION HAS OCCURRED.

DISCHARGER INFORMATION

DISCHARGER ID: 512898 **DUN & BRADSTREET #:**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER:
ADDRESS:
LAS VEGAS NV

Environmental FirstSearch Site Detail Report

TARGET SITE: BEATTY NV 89003

JOB: 301440001

LEAKING UNDERGROUND STORAGE TANKS			
SEARCH ID: 6	DIST/DIR: 0.01 NW	MAP ID: 3	
NAME: BEATTY SELF SERVE	REV: 07/06/00	ID1: 7-000090	
ADDRESS: 1ST AND MAIN STREET BEATTY NV 89003	ID2:	STATUS:	
CONTACT:	PHONE:		
<u>RELEASE INFORMATION</u>			
Discrete Releases at Facility:			
Date Release Reported to NDEP:	- -		
Activity Type:	Confirmed Release		
Type of Media Impacted:	Soil		
Type of Container			
From Which Release Occurred			
Substance Released:			
Description of Contaminant:			
Date of Last Action:	08-May-98		
Last Action Agency Memo:	additional drilling completed (28 ppm TPH)		
Date of Next Action:	- -		
Next Action Memo:			
Date of Closure:	10-Jun-94		
Regulatory Type of Closure:			
<u>RESPONSIBLE PARTY INFORMATION (if available)</u>			
Responsible Party Name:	Opal Revert		
Responsible Party Company:			
Responsible Party Address:	Post Office Box 489 Beatty, NV 89003		
<u>AGENCY TRACKING INFORMATION</u>			
Petroleum Fund ID Number:			
NDEP Case Officer:	JNajima		
Location of Paper File:	NDEP: Carson City		
State Div of Emergency			
Management Tracking Number	970402-1907		
Company of Nevada Certified Manager Conducting Cleanup:			
Phone Number of Certified Manager Conduction Cleanup:			
Name of Certified Manager Conducting Cleanup:			
Address of Certified Manager Conducting Cleanup:			
Last Modification of the Discrete Activity:	15-Oct-98		
Last NDEP User to Modify a Discrete Activity:	BSTORY		
<u>RELEASE INFORMATION</u>			
Discrete Releases at Facility:			
Date Release Reported to NDEP:	02-Apr-97		
Activity Type:	Confirmed Release		
Type of Media Impacted:	Soil		

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

TARGET SITE: BEATTY NV 89003

JOB: 301440001

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 4 **DIST/DIR:** 0.01 NW **MAP ID:** 4

NAME: REVERTS SHELL & TRUCKSTOP
ADDRESS: 100 E MAIN ST / HWY 95
BEATTY NV 89003

REV: 07/06/00
ID1: 7-000090
ID2:
STATUS: UST
PHONE: (775) 553-2378

CONTACT: REVERT ENTERPRISES INC

OWNER: REVERT ENTERPRISES INC
OWNER ADDRESS: PO BOX 489
BEATTY NV 89003
OWNER DESCRIPTION: Private

TANK ID: 1
DATE INSTALLED: 1/15/1979
TANK STATUS: Permanently Out of Use
TANK CAPACITY: 10000

TANK MATERIAL: Asphalt Coated or Bare Steel
SUBSTANCE DESCRIPTION: Gasoline
PIPE MATERIAL: Galvanized Steel

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: 2
DATE INSTALLED: 1/15/1979
TANK STATUS: Permanently Out of Use
TANK CAPACITY: 10000

TANK MATERIAL: Asphalt Coated or Bare Steel
SUBSTANCE DESCRIPTION: Gasoline
PIPE MATERIAL: Galvanized Steel

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: 3
DATE INSTALLED: 1/15/1979
TANK STATUS: Permanently Out of Use
TANK CAPACITY: 10000

TANK MATERIAL: Asphalt Coated or Bare Steel

- Continued on next page -

Environmental FirstSearch
Site Detail Report

TARGET SITE: BEATTY NV 89003

JOB: 301440001

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 4 **DIST/DIR:** 0.01 NW **MAP ID:** 4

NAME: REVERTS SHELL & TRUCKSTOP ADDRESS: 100 E MAIN ST / HWY 95 BEATTY NV 89003	REV: 07/06/00 ID1: 7-000090 ID2: STATUS: UST PHONE: (775) 553-2378
CONTACT: REVERT ENTERPRISES INC	

SUBSTANCE DESCRIPTION: Gasoline
PIPE MATERIAL: Galvanized Steel

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

June 7, 2005
Project No. 301440003

Ms. Harriet Ealey
Nye County Administrative Office
P.O. Box 153
Tonopah, Nevada 89049

Subject: Phase I Environmental Site Assessment Addendum
Portions of Sections 18 and 19 - Pond Area
Township 11 South, Range 47 East
Beatty Habitat Trails Project Area
Beatty, Nevada 89146

Reference: Ninyo & Moore, *Phase I Environmental Site Assessment, Portions of Sections 18 and 19 - Pond Area, Township 12 South, Range 47 East, Beatty Habitat Trails Project Area, Beatty, Nevada*, dated March 4, 2005.

Dear Ms. Ealey:

Ninyo & Moore would like to addend the referenced Phase I Environmental Site Assessment report, prepared by Ninyo & Moore and dated March 4, 2005. Dr. Jim Marble, Director of the Nye County Natural Resources Office inadvertently omitted an approximately 160-acre portion of Section 18 from the scope of the original Phase I ESA. Amended Site Location and Site Maps are presented on Figures 1A and 2A, respectively. The following information should be appended to the Phase I ESA.

2.1 Property Location and Description

This section should be amended to include a Central Area comprising approximately 160 acres located between the Northern and Southern Areas. Property use consists of undeveloped desert land. The Central Area is located in Section 18, Township 12 South, Range 47 East. The amended Table 1 is presented below:

Table 1 – Subject Property Summary

Township	Range	Section	Section Portion	Acreage
Northern Area				
12 South	47 East	18	S1/2 NW1/4 NE1/4	20
12 South	47 East	18	SW1/4 NE1/4	40
12 South	47 East	18	SW1/4 SE1/4 NE1/4	10
Subtotal Acres				70
Central Area				
12 South	47 East	18	SE1/4	160
Subtotal Acres				160
Southern Area				
12 South	47 East	19	N1/2 NE1/4	80
Subtotal Acres				80
Total Acres				310

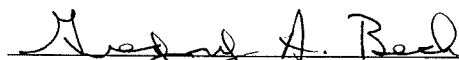
2.2.1 Site Description

This section should be amended to include a Central Area consisting of largely undeveloped and unmodified desert land located on approximately 160 acres. Vegetation on the Central Area is characteristic of undisturbed and previously disturbed desert land, consisting primarily of brush, cactus, and herbaceous plants. A dirt track bisects the Area, running from the Northern Area to the Southern Area. Several small prospect holes and mine adits are located on the subject property.

The search area of the original database search encompassed the Central Area. Therefore, no additional database search was performed for this Addendum. The remaining findings and conclusions expressed in the Phase I ESA report remain valid. Specifically, this assessment has revealed no evidence of recognized environmental conditions in connection with the additional Central Area acreage at this time.

In accordance with the Nevada Revised Statutes 459.500, Section 1, a holder of a certificate who is responsible for a service requiring certification shall ensure that each document relating to the service includes the following language:

I, Gregory A. Beck, hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable federal, state, and local statutes, regulations, and ordinances.



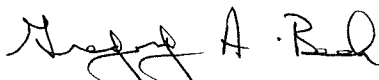
Gregory A. Beck, C.E.M.
Certified Environmental Manager
No. 1874
Expires: May 27, 2006


6-7-05

Date

Should you have any questions regarding this matter, please contact the undersigned at your convenience.

Sincerely,
NINYO & MOORE

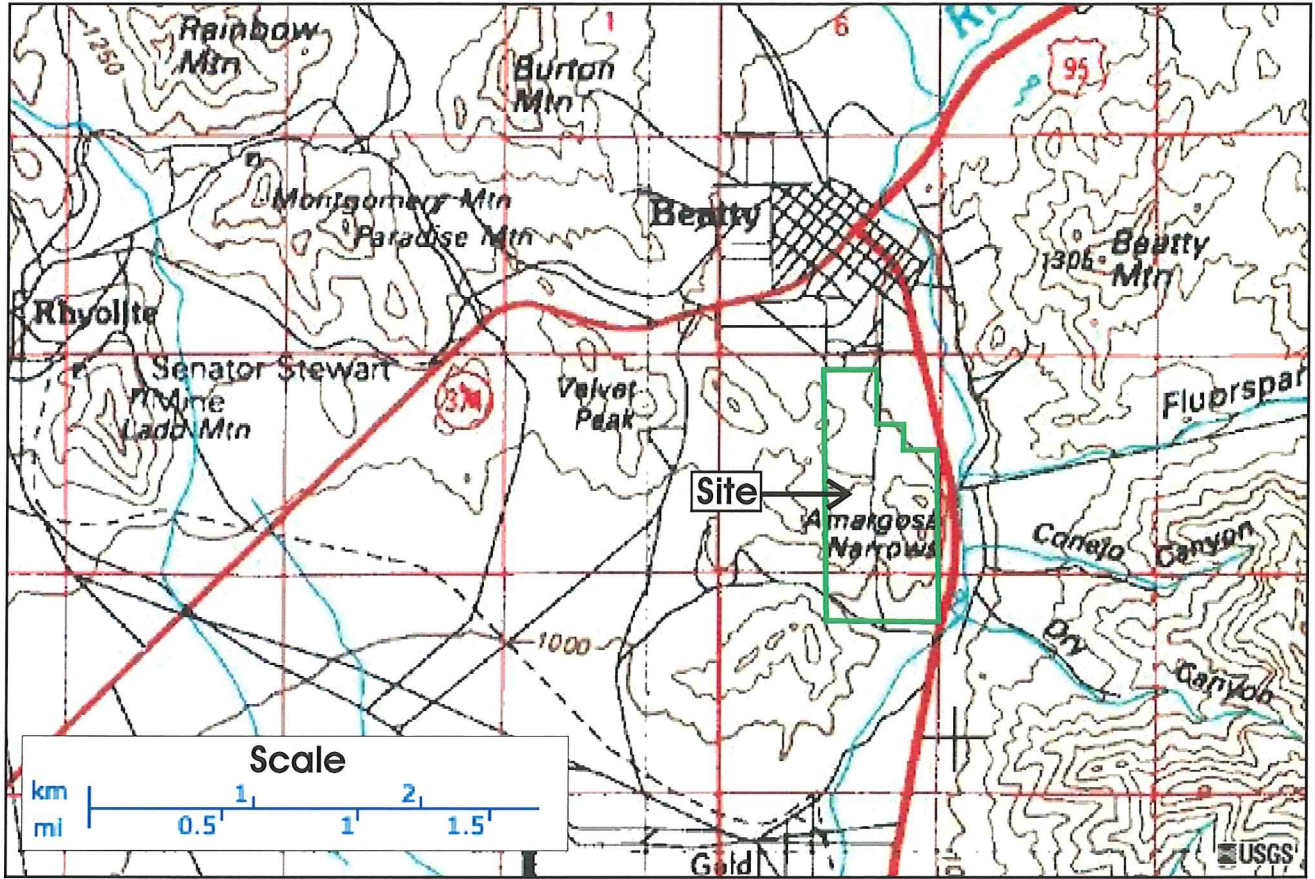

Gregory A. Beck, C.E.M.
Senior Project Environmental Scientist


Robert M. Troisi, C.E.M.
Managing Principal
Environmental Sciences Division

GB/RMT/ltk

Enclosures: Figure 1A - Site Location Map
Figure 2A. - Site Map

Distribution: (2) Addressee
(4) MaryEllen Giampaoli



REFERENCE: USGS Beatty Quadrangle, 7.5-minute Series topographic map, provisional edition 1987

Legend

— Site boundary



Ninyo & Moore

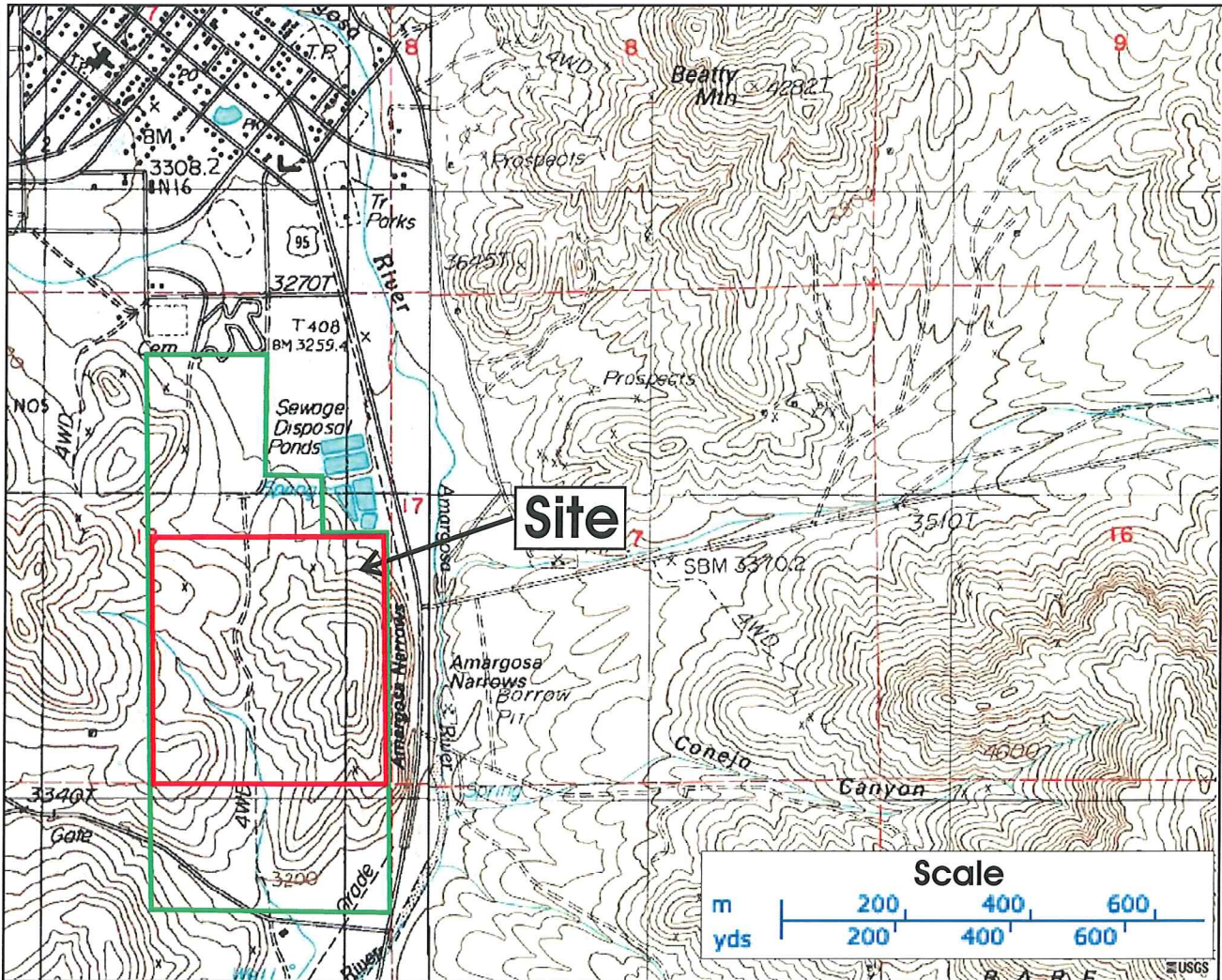
SITE LOCATION MAP

SECTIONS 18 AND 19 - POND AREA
TOWNSHIP 12 SOUTH, RANGE 47 EAST
BEATTY, NEVADA

PROJECT NO.
301440003

DATE
06/2005

FIGURE
1A



REFERENCE: USGS Beatty Quadrangle, 7.5-minute Series topographic map, provisional edition 1987

Legend

- Site boundary
- Previously omitted portion



Ninyo & Moore

SITE MAP

SECTIONS 18 AND 19 - POND AREA
TOWNSHIP 12 SOUTH, RANGE 47 EAST
BEATTY, NEVADA

PROJECT NO.	DATE
301440003	06/2005

FIGURE
2A