

Phase I Environmental Site Assessment

New SE Colorado National Cemetery
Squirrel Creek Road
Fountain, El Paso County, Colorado

April 15, 2010

Terracon Project No. 23107712

Prepared for:

JJR, LLC

Ann Arbor Michigan

Prepared by:

Terracon Consultants, Inc.

Colorado Springs, Colorado

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April 15, 2010



JJR, LLC
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Attn: Mr. Hank Byma
P: 734-669-2775
F: 734-662-0779
E: hank.byma@jjr-us.com

Re: Phase I Environmental Site Assessment
New SE Colorado National Cemetery
Squirrel Creek Road
Fountain, El Paso County, Colorado
Project No. 23107712

Dear Mr. Byma:

Terracon Consultants, Inc. (Terracon) is pleased to submit the enclosed Phase I Environmental Site Assessment report for the above-referenced site. This assessment was performed in accordance with our proposal dated April 1, 2010.

We appreciate the opportunity to be of service to you on this project. In addition to Phase I services, our professionals provide geotechnical, environmental, construction materials, and facilities services on a wide variety of projects locally, regionally and nationally. For more detailed information on all of Terracon's services please visit our website at <http://www.terracon.com>. If there are any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us.

Sincerely,
Terracon Consultants, Inc.

A handwritten signature in blue ink, appearing to read 'Dan Taylor', is written over a white background.

Dan Taylor
Project Environmental Scientist

A handwritten signature in blue ink, appearing to read 'Lawrence R. Keefe', is written over a white background.

Lawrence R. Keefe
Office Manager

Attachments



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Construction Materials



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Common Acronyms¹

ACM	Asbestos containing material
AST	Aboveground storage tank
ASTM	American Society for Testing and Materials
AUL	Activity and use limitation
BGS	Below ground surface
BTEX	Benzene, toluene, ethylbenzene, and xylenes
CDPHE	Colorado Department of Public Health and Environment
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
DOT	United States Department of Transportation
EPA	United States Environmental Protection Agency
HREC	Historical recognized environmental condition
LUST	Leaking underground storage tank
MCL	Maximum contaminant level
MSDS	Material safety data sheet
NGVD	National Geodetic Vertical Datum
NOV	Notice of violation
NPL	National Priority List
NRCS	USDA Natural Resources Conservation Service
OSHA	Occupational Safety and Health Administration
PCB	Poly-chlorinated biphenyl
RCRA	Resource Conservation and Recovery Act
REC	Recognized environmental condition
SPCC	Spill Prevention, Control and Countermeasure
SWPPP	Stormwater pollution prevention plan
TEPH	Total extractable petroleum hydrocarbons
TPH	Total petroleum hydrocarbons
TVPH	Total volatile petroleum hydrocarbons
TRI	Toxic release inventory
TSCA	Toxic Substances Control Act
USGS	United States Geological Survey
UST	Underground storage tank
VCUP	Voluntary cleanup program
VOC	Volatile organic compound

Units of measure

sq ft or ft ²	square feet
mg/kg	milligrams per kilogram
mg/l	milligrams per liter
ug/l	micrograms per liter
ppb	parts per billion
ppm	parts per million

¹ An additional list of acronyms and definitions is included in Appendix B.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
NEW SE COLORADO NATIONAL CEMETERY
FOUNTAIN, EL PASO COUNTY, CO**

**Project No. 23107712
April 15, 2010**

EXECUTIVE SUMMARY

This Phase I ESA was performed in accordance with our proposal dated April 1, 2010, and was conducted consistent with the procedures included in ASTM E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The ESA was conducted under the supervision or responsible charge of Lawrence R. Keefe, environmental professional. Lawrence R. Keefe performed the site reconnaissance on April 13, 2010.

A cursory summary of findings is provided below. It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

- The site is located south of Squirrel Creek Road in Fountain, El Paso County, Colorado. The site is an approximately 494 acre tract of undeveloped land comprised of two parcels identified as El Paso County Assessor's Office Schedule Numbers 4600000052 and 4600000058.
- The site reconnaissance identified areas apparently used for the historic disposal of concrete and silt fence fabric and livestock carcasses; and an apparently abandoned oil and gas exploration well.
- Based on a review of the historical information, the site has been undeveloped since at least 1909.
- An adjoining property to the north of the site includes an equestrian center and former Kane Ranch buildings. A Voluntary Cleanup Program (VCUP) for the Kane Ranch buildings parcel was prepared as a result of releases from petroleum USTs and a former livestock dip tank that contained pesticides. Impacts from the release reportedly do not extend off the Kane Ranch buildings parcel.
- Terracon also reviewed a report prepared by Entech Engineering, Inc. dated January 21, 2010 titled "Analytical Testing of Groundwater – Kane Ranch, 11855 Squirrel Creek Road, Fountain Colorado." The report provides analytical results of three groundwater monitoring wells, located on the Kane Ranch VCUP parcel, that were sampled on January 5, 2010. The wells sampled are identified as MW-2, MW-8, and MW-9. Wells MW-8 and MW-9 are located near the southeast corner of the Kane Ranch and presumably upgradient of the site. The results indicate an increase in concentration of methyl-tertiary butyl ether (MTBE) in wells MW-8 and MW-9 as compared to 2006 data. The reported concentration of MTBE in wells MW-8 and MW-9 exceed Colorado groundwater standards.

- The regulatory review did not identify federal facilities and state/local facilities within the specified search radii.

Recommendations

Based on the scope of services, limitations, and findings of this assessment, Terracon did identify a REC to the site. The Kane Ranch is an active VCUP site located north and presumably upgradient of the site. The Kane Ranch is considered a REC with respect to the site. Although further investigation is not recommended at this time, Terracon recommends periodic review of the status of Kane Ranch VCUP.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
NEW SE COLORADO NATIONAL CEMETERY
FOUNTAIN, EL PASO COUNTY, CO**

**Project No. 23107712
April 15, 2010**

1.0 INTRODUCTION

1.1 Site Description

Site Description

Site Name	New SE Colorado National Cemetery
Site Location/Address	Squirrel Creek Road, Fountain, El Paso County, Colorado
Land Area	Approximately 494 acres
Site Improvements	None

The site location is depicted on Figure 1 of Appendix A, which was reproduced from a portion of the USGS 7.5-minute series topographic map. A diagram of the site and adjoining properties is included as Figure 2 of Appendix A. Acronyms and terms used in this report are described in Appendix B.

1.2 Scope of Services

This Phase I ESA was performed in accordance with our proposal dated April 1, 2010, and was conducted consistent with the procedures included in ASTM E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The purpose of this ESA was to assist the client in developing information to identify RECs in connection with the site as reflected by the scope of this report. This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews, including local government inquiries, as applicable, and a visual noninvasive reconnaissance of the site and adjoining properties. Limitations, ASTM deviations, and significant gaps (if identified) are evident from reviewing the applicable scope of services and the report text.

1.3 Standard of Care

This ESA was performed in accordance with generally accepted practices of this profession, undertaken in similar studies at the same time and in the same geographical area. We have endeavored to meet this standard of care, but may be limited by conditions encountered during performance, a client-driven scope of work, or inability to review information not received by the report date. When appropriate, these limitations are discussed in the text of the report, and an evaluation of their significance with respect to our findings has been conducted.

Phase I ESAs, such as the one performed at this site, are of limited scope, are noninvasive and cannot eliminate the potential that hazardous, toxic, or petroleum substances are present or have been released at the site beyond what is identified by the limited scope of this ESA. In conducting the limited scope of services described herein, certain sources of information and public records were not reviewed. It should be recognized that environmental concerns may be documented in public records that were not reviewed. No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs. No warranties, express or implied, are intended or made. The limitations herein must be considered when the user of this report formulates opinions as to risks associated with the site or otherwise uses the report for any other purpose. These risks may be further evaluated - but not eliminated - through additional research or assessment. We will, upon request, advise you of additional research or assessment options that may be available and associated costs.

1.4 Additional Scope Limitations, ASTM Deviations and Significant Data Gaps

Based upon the agreed-on scope of services, this ESA did not include subsurface or other invasive assessments, business environmental risk evaluations, or other services not particularly identified and discussed herein. Reasonable attempts were made to obtain information within the scope and time constraints set forth by the client; however, in some instances, information requested is not, or was not, received by the issuance date of the report. Consideration of such information is beyond the scope of this assessment. Information obtained for this ESA was received from several sources that we believe to be reliable; nonetheless, the authenticity or reliability of these sources cannot and is not warranted hereunder. This ESA was further limited by the following:

- *Credentials of the company (Statement of Qualifications) have not been included in this report but are available upon request.*
- *Pertinent documents are referred to in the text of this report, and a separate reference section has not been included.*
- *References to the site property boundaries are based on observations during the site reconnaissance, and the actual site property boundaries may differ.*

An evaluation of the significance of these limitations and missing information with respect to our findings has been conducted, and where appropriate, significant data gaps are identified and discussed in the text of the report. However, it should be recognized that an evaluation of significant data gaps is based on the information available at the time of report issuance, and an evaluation of information received after the report issuance date may result in an alteration of our conclusions, recommendations, or opinions. We have no obligation to provide information obtained or discovered by us after the issuance date of the report, or to perform any additional services, regardless of whether the information would affect any

conclusions, recommendations, or opinions in the report. This disclaimer specifically applies to any information that has not been provided by the client.

This report represents our service to you as of the report date and constitutes our final document; its text may not be altered after final issuance. Findings in this report are based upon the site's current utilization, information derived from the most recent reconnaissance and from other activities described herein; such information is subject to change. Certain indicators of the presence of hazardous substances or petroleum products may have been latent, inaccessible, unobservable, or not present during the most recent reconnaissance and may subsequently become observable (such as after site renovation or development). Further, these services are not to be construed as legal interpretation or advice.

1.5 Reliance

This ESA report is prepared for the exclusive use and reliance of JJR, LLC. Use or reliance by any other party is prohibited without the written authorization of JJR, LLC and Terracon Consultants, Inc. (Terracon).

Reliance on the ESA by the client and all authorized parties will be subject to the terms, conditions and limitations stated in the proposal, ESA report, and Terracon's Agreement for Services. The limitation of liability defined in the Agreement for Services is the aggregate limit of Terracon's liability to the client and all relying parties.

Continued viability of this report is subject to ASTM E 1527-05 Sections 4.6 and 4.8. If the ESA will be used by a different user (third party) than the user for whom the ESA was originally prepared, the third party must also satisfy the user's responsibilities in Section 6 of ASTM E 1527-05.

1.6 Client Provided Information

Prior to the site visit, Mr. Tim Wolken (El Paso County Director of Community Services) provided the following information.

1.6.1 Specialized Knowledge or Experience

Mr. Wolken was not aware of specialized knowledge or experience that is material to RECs in connection with the site.

1.6.2 Actual Knowledge of Environmental Liens or AULs

Mr. Wolken did not have actual knowledge of environmental liens or AULs encumbering the site or in connection with the site.

1.6.3 Reason for Significantly Lower Purchase Price

Mr. Wolken was not aware of a significantly lower purchase price because of the presence of hazardous substances or petroleum products.

1.6.4 Commonly Known or Reasonably Ascertainable Information

Mr. Wolken was not aware of commonly known or reasonably ascertainable information within the local community about the site that is material to RECs in connection with the site.

1.6.5 Obvious Indicators of Contamination at the Site

Mr. Wolken was not aware of obvious indicators that point to the presence or likely presence of contamination at the site.

2.0 PHYSICAL SETTING

Physical Setting

PHYSICAL SETTING INFORMATION FOR SITE AND SURROUNDING AREA		SOURCE
Topography (Refer to Appendix A for an excerpt of the Topographic Map)		
<i>Site Elevation</i>	Approximately 5,600 feet (NGVD)	USGS Topographic Map, Fountain NE, Colorado Quadrangle, 1961
<i>Surface Runoff/ Topographic Gradient</i>	Very gently sloping toward the south-southwest	
<i>Closest Surface Water</i>	Williams Creek located on northern portion of the site	
Soil Characteristics		
<i>Soil Type</i>	Pleasant	USDA Soil Conservation Service SSURGO data (EDR, April 5, 2010)
<i>Description</i>	Deep and moderately deep, moderately well and well drained soils with moderately coarse textures	
Geology/Hydrogeology		
<i>Formation</i>	Pierre Shale, Undivided	Geologic Map of Colorado, United States Geological Survey, 1979,
<i>Description</i>	Upper unit	
<i>Estimated Depth to First Occurrence of Groundwater</i>	25-45 feet	ERD GeoCheck, April 5, 2010
<i>Primary Aquifer</i>	Dakota-Cheyenne aquifer	Groundwater Atlas of Colorado, Colorado Geological Survey, Division of Minerals and Geology, Colorado Department of Natural Resources, issued 2003
<i>*Hydrogeologic Gradient:</i>	Not known - may be inferred to be parallel to topographic gradient (primarily to the south-southwest.)	

* The groundwater flow direction and the depth to shallow, unconfined groundwater, if present, would likely vary depending upon seasonal variations in rainfall and other hydrogeological features. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

3.0 HISTORICAL USE INFORMATION

Terracon reviewed the following historical sources for indications of RECs. A summary of the historical review is included at the end of this section. Copies of selected historical documents are included in Appendix C.

3.1 Historical Topographic Maps

Readily available historical USGS topographic maps were reviewed to identify RECs in connection with the site. Reviewed historical topographic maps are summarized below.

- Colorado Springs, CO, 1909 (1:125,000)
- Fountain NE, CO, 1950 (1:24,000)
- Fountain NE, CO, 1961 (1:24,000)

Historical Topographic Maps

Direction	Description
Site	1909, 1950, and 1961: Depicted as undeveloped land
North	1909: Depicted as undeveloped land 1950 and 1961: Depicted as developed with the Kane Ranch
East	1909, 1950, and 1961: Depicted as undeveloped land
South	1909, 1950, and 1961: Depicted as undeveloped land
West	1909, 1950, and 1961: Depicted as undeveloped land

3.2 Historical Aerial Photographs

Selected historical aerial photographs from Penrose Public Library and Microsoft Research Maps were reviewed at approximately 10 to 15 year intervals, if readily available, to obtain information concerning the history of development on and near the site. Evaluation of these aerials may be limited by a photo's quality and scale. Selected photographs are summarized below.

- VV-BE-M11, October 28, 1953
- YL-5P-111, July 6, 1955
- YL-2HH-22, June 22, 1967

- Microsoft Research Maps, USGS, September 4, 1999

Historical Aerial Photographs

Direction	Description
Site	1953, 1955, and 1999: Undeveloped rangeland 1967: Possible ground disturbance observed in the SW ¼ of the NE ¼ of Section 6 (near the bank of Williams Creek) and in the NW ¼ of the SE ¼ of Section 6.
North	1953, 1955, 1967, and 1999: Includes ranch buildings adjacent to parcel 4600000058 and undeveloped rangeland
East	1953, 1955, 1967, and 1999: Undeveloped rangeland
South	1953, 1955, 1967, and 1999: Undeveloped rangeland
West	1953, 1955, 1967, and 1999: Undeveloped rangeland

3.3 Historical City Directories

The city directories used in this study were made available through the Penrose Public Library and were reviewed at approximate five year intervals from 1922 to 2002. Since these references are copyright protected, reproductions are not provided in this report. The current street address for the site was identified as 11855 Squirrel Creek Road, Fountain, Colorado. Listings for the subject site were not observed in the directories reviewed.

3.4 Historical Fire Insurance Maps

Historical fire insurance maps produced by the Sanborn Map Company were requested from Environmental Data Resources Inc. (EDR) to evaluate past uses and relevant characteristics of the site and surrounding properties. Based upon inquiries to the above-listed Sanborn provider, Sanborn Maps were not available for the site.

3.5 Property Tax File Information

Based on a review of information obtained from El Paso County assessor's records, the current site owner is El Paso County, Colorado. Previous ownership was identified as the Kane CE Investments; Morley Companies Family Development, LLP; and Estate of Alexander Francis Kane.

3.6 Title Search

At the direction of the client, a title search was not included as part of the scope of services. Unless notified otherwise, we assume that the client is evaluating this information outside the context of this report.

3.7 Environmental Liens

Environmental lien records recorded against the site were not provided by the client. At the direction of the client, performance of a review of these records was not included as part of the scope of services and unless notified otherwise, we assume that the client is evaluating this information outside the context of this report.

3.8 Building Department Records

Because the site is currently and has historically been undeveloped, building department records were not reviewed.

3.9 Zoning/Land Use Records

According to El Paso County Planning Department, the site is currently zoned as A-35-Agricultural.

3.10 Historical Interviews

The following individuals were interviewed regarding historical use of the site.

Interviewee

<u>Interviewer</u>	<u>Interviewee/Phone #</u>	<u>Title</u>	<u>Date/Time</u>
Lawrence R. Keefe	Kathy Andrew / (719) 520-7879	Manager - El Paso County Environmental Services Division	08 April 2010 / 1300

Ms. Andrew was not aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability in connection with the site. Ms. Andrew stated that a Voluntary Cleanup Plan (VCUP) by CDPHE was approved by CDPHE for the property adjacent and north of parcel 4600000058. The VCUP was prepared to address leaking USTs and a pesticide dip tank used to treat cattle. According to Ms. Andrew, impacts from the USTs and dip tank do not extend off the property and do not impact the subject site. The VCUP was approved by CDPHE on February 26, 2007 and includes two years of groundwater monitoring.

3.11 Prior Report Review

Terracon reviewed a Phase I Environmental Site Assessment report prepared by El Paso County Environmental Services Division (March 2008) for parcel 4600000052. The report indicated that the parcel has been undeveloped rangeland and was owned by the Morley Companies Family Development, LLP. The report also identified a VCUP on the adjacent Parcel referenced in Section 3.10. In addition, the report identified one closed oil and gas exploratory well installed on the parcel in 1974. Based on an inspection by the Colorado Oil

and Gas Conservation Commission on October 16, 2006, the well was reportedly closed and “properly abandoned.” The report did not identify RECs in connection with the parcel.

Terracon also reviewed a report prepared by Entech Engineering, Inc. dated January 21, 2010 titled “Analytical Testing of Groundwater – Kane Ranch, 11855 Squirrel Creek Road, Fountain Colorado.” The report provides analytical results of three groundwater monitoring wells, located on the Kane Ranch VCUP parcel, that were sampled on January 5, 2010. The wells sampled are identified as MW-2, MW-8, and MW-9. Wells MW-8 and MW-9 are located near the southeast corner of the Kane Ranch and presumably upgradient of the site. The results indicate an increase in concentration of methyl-tertiary butyl ether (MTBE) in wells MW-8 and MW-9 as compared to 2006 data. The reported concentration of MTBE in wells MW-8 and MW-9 exceed Colorado groundwater standards.

3.12 Historical Use Information Summary

Based on review of the historical information, the site and adjacent properties on the east, south, and west have been undeveloped since at least 1909. Ranch buildings on the property north of parcel 4600000058 first appear on the 1950 topographic map and are currently present.

4.0 RECORDS REVIEW

Regulatory database information was provided by EDR, a contract information services company. The purpose of the records review was to identify RECs in connection with the site. Evaluating identified regulatory facilities for potential vapor intrusion conditions was outside the scope of this assessment. Information in this section is subject to the accuracy of the data provided by the information services company and the date at which the information is updated, and the scope herein did not include confirmation of facilities listed as “unmappable” by regulatory databases.

In some of the following subsections, the words up-gradient, cross-gradient and down-gradient refer to the topographic gradient in relation to the site. As stated previously, the groundwater flow direction and the depth to shallow groundwater, if present, would likely vary depending upon seasonal variations in rainfall and the depth to the soil/bedrock interface. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

4.1 Federal and State/Tribal Databases

Listed below are the facility listings identified on federal and state/tribal databases within the ASTM-required search distances (extended 1-mile due to the size of the site) from the approximate site boundaries. Database definition, descriptions, and the database search report are included in Appendix D.

Federal and State Databases

<u>Database</u>	<u>Description</u>	<u>Radius (miles)</u>	<u>Listings</u>
Federal			
NPL	The NPL is the EPA's database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund Program.	2.0	0
NPL (Delisted)	The NPL (Delisted) refers to facilities that have been removed from the NPL.	1.5	0
CERCLIS	The CERCLIS database is a compilation of facilities which the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances pursuant to the CERCLA of 1980.	1.5	0
CERCLIS / NFRAP	CERCLIS/NFRAP refers to facilities that have been removed and archived from EPA's inventory of CERCLA sites.	1.5	0
RCRA CORRACTS/ TSD	The EPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous waste that are undergoing "corrective action." A "corrective action" order is issued when there has been a release of hazardous waste or constituents into the environment from a RCRA facility.	2.0	0
RCRA Non-CORRACTS/ TSD	The RCRA Non-CORRACTS/TSD Database is a compilation by the EPA of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.	1.5	0
RCRA Generators	The RCRA Generators database, maintained by the EPA, lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as either large (LQG), small (SQG), or conditionally exempt (CESQG). LQG produce at least 1000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQG produce 100-1000 kg/month of non-acutely hazardous waste. CESQG are those that generate less than 100 kg/month of non-acutely hazardous waste.	Site and adjoining properties	0
IC / EC	A listing of sites with institutional and/or engineering controls in place. IC include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls. EC include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.	Site	0
ERNS	The Emergency Response Notification System (ERNS) is a listing compiled by the EPA on reported releases of petroleum and hazardous substances to the air, soil and/or water.	Site	0
State			
SHWS	The State of Colorado does not maintain a SHWS list. See the	1.5	0

<u>Database</u>	<u>Description</u>	<u>Radius (miles)</u>	<u>Listings</u>
	Federal CERCLIS list and Federal NPL list.		
SWF/LF	State and/or Tribal database of solid waste facilities located within Colorado. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.	1.5	0
LUST	State and/or Tribal database of leaking underground storage tanks in the state of Colorado.	1.5	0
UST	State and/or Tribal database of registered storage tanks in the State of Colorado which may include the owner and location of the tanks.	Site and adjoining properties	0
CO ERNS	Listing of spills reported to the CDPHE. Information includes releases of hazardous or potential hazardous chemical/materials into the environment.	Site	0
AUL	Activity and use limitations include both engineering controls and institutional controls. The Department of Public Health & Environment approve requests to restrict the future use of a property using an enforceable agreement called an environmental real covenant. When a contaminated site is not cleaned up completely, land use restrictions may be used to ensure that the selected cleanup remedy is adequately protective of human health and the environment.	Site	0
VCP	State and/or Tribal facilities included as Voluntary Cleanup Program sites.	1.5	0

In addition to the above ASTM-required listings, Terracon reviewed other federal, state, local and proprietary databases provided by the database firm. A list of the additional reviewed databases is included in the regulatory database report included in Appendix D.

No facilities were listed within the specified search distances.

Unmapped facilities are those that do not contain sufficient address or location information to evaluate the facility listing locations relative to the site. The report listed 20 facilities in the unmapped section. Determining the location of unmapped facilities is beyond the scope of this assessment; however, none of these facilities were identified as the site. These facilities are listed in the database report in Appendix D.

4.2 Local Agency Inquiries

Terracon reviewed records on file at the El Paso County Environmental Services Division office on April 8, 2010 for the site and adjacent north property (Kane Ranch). Information related to the VCUP for the property adjacent and north of parcel 4600000058 was reviewed and indicated that impacts from USTs and a dip tank do not impact the subject site.

4.3 Records Review Summary

The regulatory review did not identify federal facilities and state/local facilities within the specified search radii. Based upon review of the regulatory database report, potential RECs were not observed in connection with the subject site.

5.0 SITE RECONNAISSANCE

5.1 General Site Information

Information contained in this section is based on a visual reconnaissance conducted while walking through the site and the accessible interior areas of structures, if any, located on the site. Figure 2 in Appendix A is a diagram of the site. Photo documentation of the site at the time of the visual reconnaissance is provided in Appendix E. Credentials of the individuals planning and conducting the site visit are included in Appendix F.

General Site Information

Site Reconnaissance	
<i>Field Personnel</i>	Lawrence R. Keefe
<i>Reconnaissance Date</i>	April 13, 2010
<i>Weather Conditions</i>	Clear and windy, approximately 50° F
<i>Site Contact/Title</i>	Tim Wolken – Director of Community Services – El Paso County
Site Description	
<i>Site Name</i>	New SE Colorado National Cemetery
<i>Site Location/Address</i>	Squirrel Creek Road, Fountain, El Paso County, Colorado
<i>Land Area</i>	Approximately 494 acres
<i>Other Site Improvements</i>	None
<i>Zoning</i>	A-35 – Agricultural
<i>Site Topographic Relief</i>	Gently rolling towards the south-southwest
Site Utilities	
<i>Electricity</i>	None
<i>Drinking Water</i>	None
<i>Wastewater</i>	None
<i>Natural Gas</i>	None

5.2 General Description of Site, Occupants, and Operations

The site is undeveloped and unoccupied rangeland bordered on the north by the Kane Ranch, an equestrian center, and Squirrel Creek Road; and on the east, south, and west by undeveloped rangeland.

5.3 Site Observations

The following table summarizes site observations and interviews. Affirmative responses (designated by an “X”) are discussed in more detail following the table.

Site Characteristics

Category	Item or Feature	Observed
Site Operations, Processes, and Equipment	Emergency generators	
	Elevators	
	Air compressors	
	Hydraulic lifts	
	Dry cleaning	
	Photo processing	
	Laboratory hoods and/or incinerators	
	Waste treatment systems and/or water treatment systems	
	Heating and/or cooling systems	
	Other processes or equipment	
Aboveground Chemical or Waste Storage	Aboveground storage tanks	
	Drums, barrels and/or containers ≥ 5 gallons	
	MSDS	
Underground Chemical or Waste Storage, Drainage or Collection Systems	Underground storage tanks or ancillary UST equipment	
	Sumps, cisterns, catch basins and/or dry wells	
	Grease traps	
	Septic tanks and/or leach fields	
	Oil/water separators	
	Pipeline markers	
	Interior floor drains	
Electrical Transformers/ PCBs	Pad or pole mounted transformers and/or capacitors	
	Other equipment	
Releases or Potential Releases	Stressed vegetation	
	Stained soil	
	Stained pavement or similar surface	
	Leachate and/or waste seeps	
	Trash, debris and/or other waste materials	
	Dumping or disposal areas	
	Construction/demolition debris and/or dumped fill dirt	X
	Surface water discoloration, odor, sheen, and/or free floating product	
	Strong, pungent or noxious odors	
Exterior pipe discharges and/or other effluent discharges		

Category	Item or Feature	Observed
Other Notable Site Features	Surface water bodies	
	Quarries or pits	
	Wells	X

Releases or Potential Releases

Construction debris consisting concrete and silt fence fabric f was observed along the west bank of the east branch on Williams Creek (see Figure 2).

Other Notable Site Features

An apparent historic livestock carcass disposal area was also observed on the site (see Figure 2). Indications of hazardous materials were not observed in the disposal areas. A presumed abandoned oil and gas exploration well was observed on parcel 4600000052 (see Figure 2).

5.4 Interviews Conducted During Visual Reconnaissance

Interviews were not conducted during the visual reconnaissance.

5.5 Site Reconnaissance Summary

The site was observed to consist of undeveloped rangeland. A presumed abandoned oil and gas exploration well was observed on parcel 4600000052 (see Figure 2). Disposal of concrete debris and livestock carcasses were observed on the site. RECs were not observed during the visual reconnaissance.

6.0 ADJOINING PROPERTY RECONNAISSANCE

Visual observations of adjoining properties (from site boundaries) are summarized below.

Adjoining Properties

Direction	Description
North	Developed with ranch and equestrian center and undeveloped pasture / rangeland
East	Undeveloped pasture / rangeland
South	Undeveloped pasture / rangeland
West	Undeveloped pasture / rangeland

Activities presumably related to implementation of the VCUP for the adjacent northern property were observed and included groundwater monitoring wells and soil excavation / landfarming activities. Other RECs were not observed on the adjoining properties.

The Kane Family Cemetery is a separate parcel located within the boundaries of the site. The cemetery is an approximately 1-acre fenced parcel. The cemetery does not appear to represent a REC with respect to the subject site.

7.0 ADDITIONAL SERVICES

Per the agreed scope of services specified in the proposal, additional services (e.g., asbestos sampling, lead-based paint sampling, wetlands evaluation, lead in drinking water testing, radon testing, etc.) were not conducted.

8.0 FINDINGS, CONCLUSIONS, AND RECOMMENDATIONS

8.1 Findings and Conclusions

This Phase I ESA was performed in accordance with our proposal dated April 1, 2010, and was conducted consistent with the procedures included in ASTM E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The ESA was conducted under the supervision or responsible charge of Lawrence R. Keefe, environmental professional. Lawrence R. Keefe performed the site reconnaissance on April 13, 2010.

A cursory summary of findings is provided below. It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

- The site is located south of Squirrel Creek Road in Fountain, El Paso County, Colorado. The site is an approximately 494 acre tract of undeveloped land comprised of two parcels identified as El Paso County Assessor's Office Schedule Numbers 4600000052 and 4600000058.
- The site reconnaissance identified areas apparently used for the historic disposal of concrete and silt fence fabric and livestock carcasses; and an apparently abandoned oil and gas exploration well.
- Based on a review of the historical information, the site has been undeveloped since at least 1909.

Phase I Environmental Site Assessment

New SE Colorado National Cemetery ■ Fountain, CO

April 15, 2010 ■ Terracon Project No. 23107712



- An adjoining property to the north of the site includes an equestrian center and former Kane Ranch buildings. A Voluntary Cleanup Program (VCUP) for the Kane Ranch buildings parcel was prepared as a result of releases from petroleum USTs and a former livestock dip tank that contained pesticides. Impacts from the release reportedly do not extend off the Kane Ranch buildings parcel.
- Terracon also reviewed a report prepared by Entech Engineering, Inc. dated January 21, 2010 titled "Analytical Testing of Groundwater – Kane Ranch, 11855 Squirrel Creek Road, Fountain Colorado." The report provides analytical results of three groundwater monitoring wells, located on the Kane Ranch VCUP parcel, that were sampled on January 5, 2010. The wells sampled are identified as MW-2, MW-8, and MW-9. Wells MW-8 and MW-9 are located near the southeast corner of the Kane Ranch and presumably upgradient of the site. The results indicate an increase in concentration of methyl-tertiary butyl ether (MTBE) in wells MW-8 and MW-9 as compared to 2006 data. The reported concentration of MTBE in wells MW-8 and MW-9 exceed Colorado groundwater standards.
- The regulatory review did not identify federal facilities and state/local facilities within the specified search radii.

8.2 Recommendations

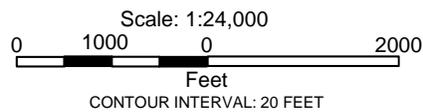
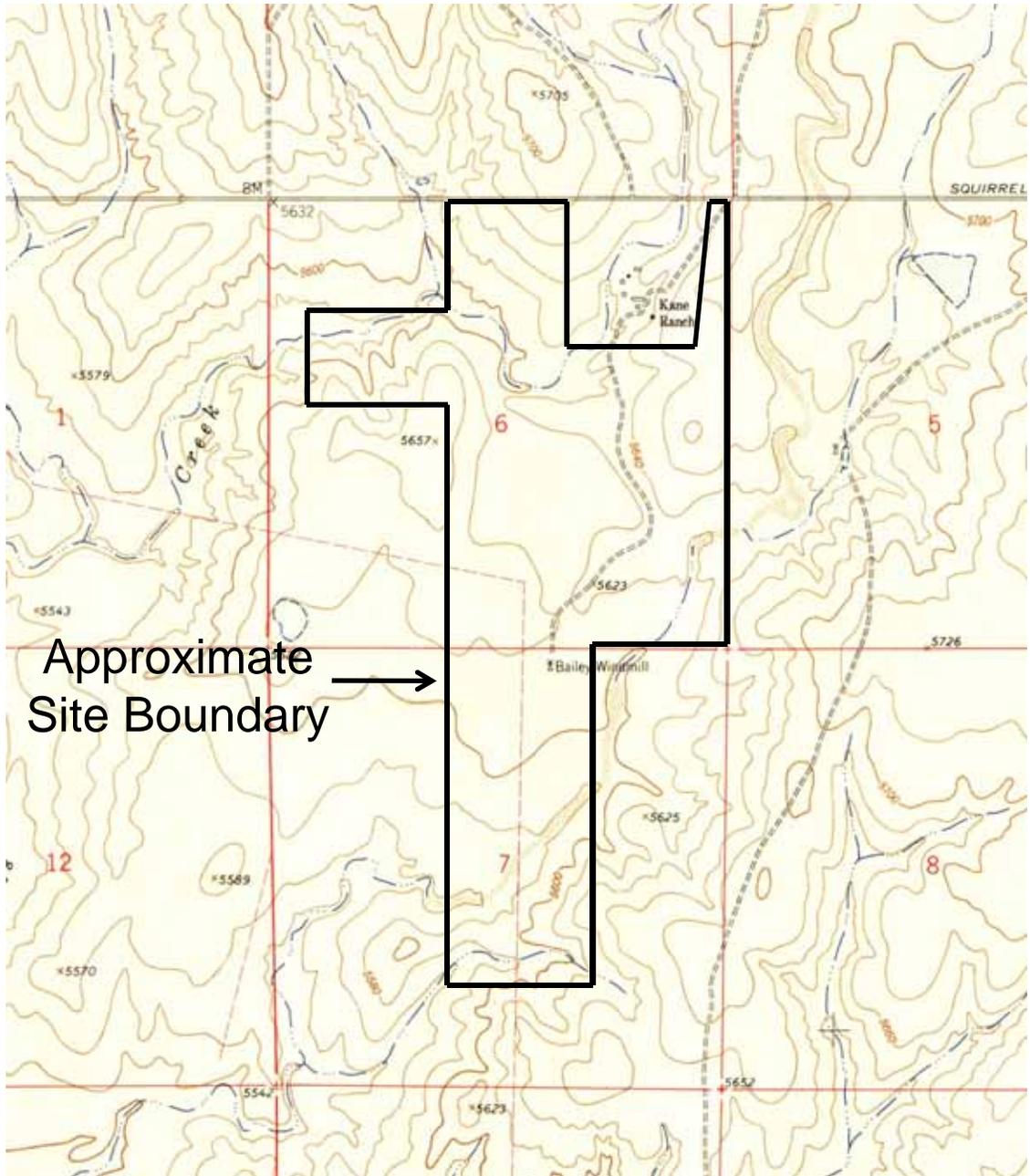
Based on the scope of services, limitations, and findings of this assessment, Terracon did identify a REC to the site. The Kane Ranch is an active VCUP site located north and presumably upgradient of the site. The Kane Ranch is considered a REC with respect to the site. Although further investigation is not recommended at this time, Terracon recommends periodic review of the status of Kane Ranch VCUP.

9.0 DECLARATION

I, Lawrence R. Keefe, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312; and I have the specific qualifications based on education, training, and experience to assess a site of the nature, history, and setting of the subject site. I have developed and performed the All Appropriate Inquiries in conformance with the standards and practice set forth in 40 CFR Part 312.

APPENDIX A

Figure 1 - Topographic Map, Figure 2 – Site Diagram



United States Department of the Interior – Geological Survey
 Fountain Northeast Quadrangle (1961)
 El Paso County, CO
 7.5 Minute Series (Topographic)

DIAGRAM IS FOR GENERAL LOCATION ONLY AND IS NOT
 INTENDED FOR CONSTRUCTION PURPOSES

Project No. 23107712
Scale: As shown
File Name:
Date: 04/14/2010



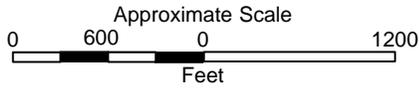
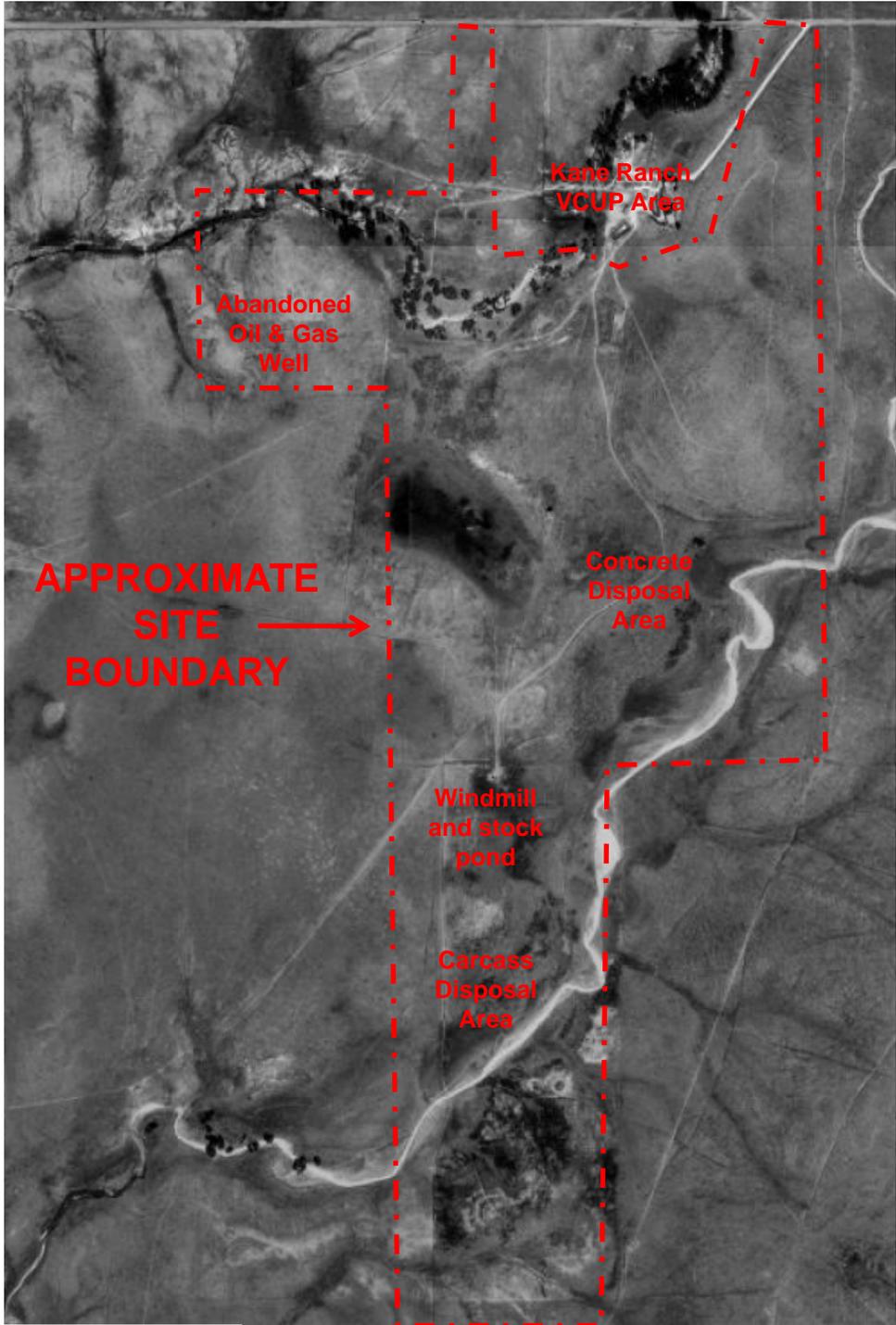
4172 Center Park Drive Colorado Springs, CO 80916
 PH. (719) 597-2116 FAX. (719) 597-2117

SITE LOCATION MAP

NEW SE COLORADO NATIONAL CEMETERY
 FOUNTAIN, COLORADO

FIG No.

1



Base Map Source: United States Department of the Interior – US Geological Survey
1994

DIAGRAM IS FOR GENERAL LOCATION ONLY AND MAY NOT REPRESENT CURRENT CONDITIONS

Project No. 23107712
Scale: As shown
File Name:
Date: 04/14/2010

Terracon
Consulting Engineers & Scientists

4172 Center Park Drive Colorado Springs, CO 80916
PH. (719) 597-2116 FAX. (719) 597-2117

SITE DIAGRAM
NEW SE COLORADO NATIONAL CEMETERY
FOUNTAIN, COLORADO

FIG No.
2

APPENDIX B

Description of Terms and Acronyms

Description of Selected General Terms and Acronyms

Term/Acronym	Description
ACM	<p>Asbestos Containing Material. Asbestos is a naturally occurring mineral, three varieties of which (chrysotile, amosite, crocidolite) have been commonly used as fireproofing or as binding agents in construction materials. Inhalation of asbestos fibers has been documented to cause asbestosis (scarring of the lung), lung cancer, and mesothelioma (a cancer of the chest wall lining).</p> <p>Most Federal and State agencies define ACM as a material containing more than one (1) percent asbestos, although some states, such as California, define ACM as material containing 0.1% or more asbestos. In order to determine the ACM status of suspect building materials, a minimum number of samples must be collected and analyzed, depending on the type and quantity of the suspect material. A suspect material can only be confirmed as non-ACM when analytical results of all required samples are below applicable regulatory limits. Asbestos concentrations are generally determined using polarized light microscopy or transmission electron microscopy. An asbestos containing material may be classified as either friable or non-friable. Friable materials are those that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure. Non-friable ACM are materials in which the asbestos fibers are more firmly bound in a matrix of tar, plastic or other such material, and which have a lower potential for asbestos fiber release.</p> <p>Federal and State regulations require that an asbestos survey be performed prior to renovation, dismantling, demolition or other activities that may disturb suspect or confirmed ACM unless such materials are removed as ACM prior to planned disturbances. ACM removal may also be required if confirmed ACM becomes damaged, or if renovation or demolition activities could result in damage to confirmed or suspect ACM. Depending upon the quantity, notification to Federal or State regulatory agencies may be required prior to ACM removal (abatement) operations. Abatement of friable or potentially friable ACM must be performed by a licensed abatement contractor in accordance with applicable federal, state, or local regulations. OSHA worker protection regulations will also apply.</p>
AHERA	Asbestos Hazard Emergency Response Act
AST	Above Ground Storage Tanks. ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a basement, but not buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank size, its contents and the jurisdiction of its location.
AULs	Activity and Use Limitations
BGS	Below Ground Surface
BTEX	Benzene, Toluene, Ethyl benzene, and Xylenes. BTEX are VOC components found in gasoline and commonly used as analytical indicators of a petroleum hydrocarbon release.
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (a.k.a. Superfund). CERCLA is the federal act that regulates abandoned or uncontrolled hazardous waste sites. Under this Act, joint and several liability may be imposed on potentially responsible parties for cleanup-related costs.
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System. An EPA compilation of sites having suspected or actual releases of hazardous substances to the environment. CERCLIS also contains information on site inspections, preliminary assessments and remediation of hazardous waste sites. These sites are typically reported to EPA by states and municipalities or by third parties pursuant to CERCLA Section 103.
CFR	Code of Federal Regulations
CESQG	Conditionally exempt small quantity generators.
DOT	U.S. Department of Transportation
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System. An EPA-maintained federal database which stores information on notifications of oil discharges and hazardous substance releases in quantities greater than the applicable reportable quantity under CERCLA. ERNS is a cooperative data-sharing effort between EPA, DOT, and the National Response Center.
ESA	Environmental Site Assessment

Description of Terms and Acronyms (cont.)

Term/Acronym	Description
FRP	Fiberglass Reinforced Plastic
Hazardous Substance	As defined under CERCLA, this is (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title; (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (with some exclusions); (D) any toxic pollutant listed under section 1317(a) of Title 33; (E) any hazardous air pollutant listed under section 112 of the Clear Air Act; and (F) any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action under section 2606 of Title 15. This term does not include petroleum, including crude oil or any fraction thereof which is not otherwise listed as a hazardous substance under subparagraphs (A) through (F) above, and the term does not include natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
Hazardous Waste	This is defined as having characteristics identified or listed under section 3001 of the Solid Waste Disposal Act (with some exceptions). RCRA, as amended by the Solid Waste Disposal Act of 1980, defines this term as a "solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."
IC / EC	Industrial Controls / Engineering Controls
ILP	Innocent Landowner Program
IOP	Innocent Owner/Operator Program
LQG	Large quantity generators.
LUST	Leaking Underground Storage Tank. This is a federal term set forth under RCRA for leaking USTs. Some states also utilize this term.
MCL	Maximum Contaminant Level. This Safe Drinking Water concept (and also used by many states as a groundwater cleanup criteria) refers to the limit on drinking water contamination that determines whether a supplier can deliver water from a specific source without treatment.
MSDS	Material Safety Data Sheets. Written/printed forms prepared by chemical manufacturers, importers and employers which identify the physical and chemical traits of hazardous chemicals under OSHA's Hazard Communication Standard.
NESHAP	National Emissions Standard for Hazardous Air Pollutants (Federal Clean Air Act). This part of the Clean Air Act regulates emissions of hazardous air pollutants.
NFRAP	Facilities where there is "No Further Remedial Action Planned," as more particularly described under the Records Review section of this report.
NGVD	National Geodetic Vertical Datum
NOV	Notice of Violation. A notice of violation or similar citation issued to an entity, company or individual by a state or federal regulatory body indicating a violation of applicable rule or regulations has been identified.
NPDES	National Pollutant Discharge Elimination System (Clean Water Act). The federal permit system for discharges of polluted water.
NPL	National Priorities List, as more particularly described under the Records Review section of this report.
OSHA	Occupational Safety and Health Administration or Occupational Safety and Health Act
PACM	Presumed Asbestos-Containing Material. A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos.
PCB	Polychlorinated Biphenyl. A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit manufacturing of PCB-containing equipment; however, some of this equipment may still be in use today.
pCi/l	picoCuries per Liter of Air. Unit of measurement for Radon and similar radioactive materials.
PLM	Polarized Light Microscopy (see ACM section of the report, if included in the scope of services)

Description of Terms and Acronyms (cont.)

Term/Acronym	Description
PST	Petroleum Storage Tank. An AST or UST that contains a petroleum product.
Radon	A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Radon concentrations are measured in picoCuries per Liter of Air. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Outdoors, radon is diluted to such low concentrations that it usually does not present a health concern. However, radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the underlying soil and groundwater. The EPA recommended annual average indoor "action level" concentration for residential structures is 4.0 pCi/l.
RCRA	Resource Conservation and Recovery Act. Federal act regulating solid and hazardous wastes from point of generation to time of disposal ("cradle to grave"). 42 U.S.C. 6901 et seq.
RCRA Generators	The RCRA generators list is part of the RCRIS database maintained by EPA and lists facilities that generate hazardous waste as part of their normal business operations, as more particularly defined under Section 5.0 of this report.
RCRA CORRACTS/TSDs	The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous materials, which are undergoing "corrective action". A "corrective action" order is issued when there is a release of hazardous waste or constituents into the environment from a RCRA facility.
RCRA Non-CORRACTS/TSDs	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities, which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.
RCRA Violators List	RAATS. RCRA Administrative Actions Taken. RAATS information is now contained in the RCRIS database and includes records of administrative enforcement actions against facilities for noncompliance.
RCRIS	Resource Conservation and Recovery Information System, as defined in the Records Review section of this report.
REC	Recognized Environmental Conditions are defined by ASTM E 1527-05 as "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property." The term includes hazardous substances or petroleum products even under conditions of compliance with laws. The term is not intended to include <i>de minimis</i> conditions that generally do not present a material risk of harm to the public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.
SCL	State "CERCLIS" List (see SPL /State Priority List, below).
SPCC	Spill Prevention, Control and Countermeasures. SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.
SPL	State Priority List. State list of confirmed sites having contamination in which the state is actively involved in clean up activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as a State "CERCLIS" List.
SQG	Small quantity generators.
SWF	Solid Waste Facility. Landfills listed by a state database.
TPH	Total Petroleum Hydrocarbons
TRI	Toxic Release Inventory. Routine EPA report on releases of toxic chemicals to the environment based upon information submitted by entities subject to reporting under the Emergency Planning and Community Right to Know Act.
TSCA	Toxic Substances Control Act. A federal law regulating manufacture, import, processing and distribution of chemical substances not specifically regulated by other federal laws (such as asbestos, PCBs, lead-based paint and radon). 15 U.S.C 2601 et seq.
USACE	United States Army Corps of Engineers

Description of Terms and Acronyms (cont.)

Term/Acronym	Description
USC	United States Code
USGS	United States Geological Survey
USNRCS	United States Department of Agriculture-Natural Resource Conservation Service
UST	Underground Storage Tank. Most federal and state regulations, as well as ASTM E 1527-05, define this as any tank, incl., underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground (i.e., buried).
VCP	Voluntary Cleanup Program
VOC	Volatile Organic Compound
Wetlands	<p>Areas that are typically saturated with surface or groundwater that creates an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). The <u>Corps of Engineers Wetlands Delineation Manual</u> (Technical Report Y-87-1) defines wetlands as areas inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. For an area to be considered a jurisdictional wetland, it must meet the following criteria: more than 50 percent of the dominant plant species must be categorized as Obligate, Facultative Wetland, or Facultative on lists of plant species that occur in wetlands; the soil must be hydric; and, wetland hydrology must be present.</p> <p>The federal Clean Water Act which regulates “waters of the US,” also regulates wetlands, a program jointly administered by the USACE and the EPA. Waters of the U.S. are defined as: (1) waters used in interstate or foreign commerce, including all waters subject to the ebb and flow of tides; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, etc., which the use, degradation, or destruction could affect interstate/ foreign commerce; (4) all impoundments of waters otherwise defined as waters of the U. S., (5) tributaries of waters identified in 1 through 4 above; (6) the territorial seas; and (7) wetlands adjacent to waters identified in 1 through 6 above. Only the USACE has the authority to make a final wetlands jurisdictional determination.</p>

Description of Terms and Acronyms (cont.)

Colorado Term/Acronym	Description
SHWS	The State of Colorado does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.
SWF/LF	State and/or Tribal database of solid waste facilities located within Colorado. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.
LUST	State and/or Tribal database of leaking underground storage tanks in the state of Colorado.
UST	State and/or Tribal database of registered storage tanks in the State of Colorado which may include the owner and location of the tanks.
CO ERNS	Listing of spills reported to the CDPHE. Information includes releases of hazardous or potential hazardous chemical/materials into the environment.
AUL	Activity and use limitations include both engineering controls and institutional controls. The Department of Public Health & Environment approve requests to restrict the future use of a property using an enforceable agreement called an environmental real covenant. When a contaminated site is not cleaned up completely, land use restrictions may be used to ensure that the selected cleanup remedy is adequately protective of human health and the environment.
VCP	State and/or Tribal facilities included as Voluntary Cleanup Program sites.

APPENDIX C

Historical Documentation

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Relief and Brownfields Revitalization Act of 2001, the user must respond to the following questions. Failure to provide this information to the environmental professional may result in significant data gaps, which may limit our ability to identify recognized environmental conditions resulting in a determination that "all appropriate inquiry" is not complete. This form represents a type of interview and as such, the user has an obligation to answer all questions in good faith, to the extent of their actual knowledge.

Site Name: KANE RANCH * Site Address: 11855 SQUIRREL CREEK ROAD, *
FOUNTAIN, CO *

1) Are you aware of any environmental cleanup liens against the site that are filed or recorded under federal, tribal, state, or local law (40 CFR 312.25)? No ___ Yes If yes, please explain.

2) Are you aware of any activity and use limitations (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law (40 CFR 312.26)? No ___ Yes If yes, please explain.

3) As the user of this ESA, do you have any specialized knowledge or experience related to the site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business (40 CFR 312-28)? No ___ Yes If yes, please explain.

4) Does the purchase price being paid for this site reasonably reflect the fair market value of the site (40 CFR 312.29)? ___ No ___ Yes N/A

If no, have you considered whether the lower purchase price is because contamination is known or believed to be present at the site (40 CFR 312.29)? ___ No ___ Yes If yes, please explain.

5) Are you aware of commonly known or reasonably ascertainable information about the site that would help the environmental professional to identify conditions indicative of releases or threatened releases (40 CFR 312.30)? No ___ Yes If yes, please explain.

6) As the user of this ESA, based on your knowledge and experience related to the site, are there any obvious indicators that point to the presence or likely presence of contamination at the site (40 CFR 312.31)? No ___ Yes If yes, please explain.

Request for Information and Documentation

In addition to the specific questions outlined above, the user is requested to provide the following information and documentation, as available. ASTM requires that this information, if available, be provided to the environmental professional prior to the site visit.

Please return this form with the signed and completed Agreement for Services.

* THIS INFORMATION APPLIES TO THE APPROXIMATELY 300 ACRES OWNED BY EL PASO COUNTY, COLORADO AT THE KANE RANCH.

ASTM E 1527-05 USER QUESTIONNAIRE
 Page 2 of 2
 Proposal No: P2310104

Item Supplied "X"	Not Applicable, Not Available or Not Known "X"	Item Requested (See Proposal)	Contacts/Comments or Indicate Attachment
X		Point of Contact for Access	Name/Phone:
X		Current Site Owner	Name/Phone:
	X	Current Facility Operator	Name/Phone:
	X	Contacts for Prior Owners	Name/Phone:
	X	Contacts for Prior Occupants	Name/Phone:
X		Access Restrictions	
	X	Notification of Special Requirements Regarding Confidentiality	
		Legal Description and Diagram / Survey of Site → <i>see Progress</i>	
	X	Chain of Title with Grantor/Grantee Summary (back to 1940 or first developed use)	
		Reasons for Conducting ESA	

Helpful Documents Checklist

Pursuant to ASTM E 1527-05 § 10.8, do you know whether any of the following documents exist related to the subject property and, if so, whether copies can and will be provided to the environmental professional? Check all that apply.

- Environmental site assessment reports
- Environmental compliance audit reports
- Geotechnical studies
- Reports regarding hydrogeologic conditions on the property or surrounding area
- Registrations for above or underground storage tanks
- Notices or other correspondence from any governmental agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property
- Registrations for underground injection systems
- Environmental permits/plans, solid waste permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits, SPCC plans

[Handwritten Signature]
 Name (Authorized Client Representative)
Supervisor of Contract Services
 Title
Tim Walker
 Signature
 4-2-2010
 Date

Please return this form with the signed and completed Agreement for Services.

Public Record Property Information

Database Updated: 4/7/2010 12:00:00 AM Today, Thursday, April 08, 2010 Time: 11:30:30 AM

Personal Information

Schedule No: 4600000058

Owner Name: EL PASO COUNTY

Location: SQUIRREL CREEK RD

Mailing Address: 27 E VERMIJO AVE
COLORADO SPRINGS CO 80903-2208**Previous Parcel****Replaced Parcel****Legal Description**E2 W/MR SEC 06-16-64 &
W2NE4, NW4SE4 L/MR SEC 07-16-64, EX THOSE PORTIONS
DESC BY REC #207073281**Market Information (2009 Values)**

Levy Year: 2009 Mill Levy: 40.435 Exempt Status: Fully Exempt

Table	Use Code	2009 Market Value	2009 Assessed Value	Exempt
Land	COUNTY	\$240,240	\$0	EX
	Total Value	\$240,240	\$0	

Tax Entity and Levy Information

(District: EBV)

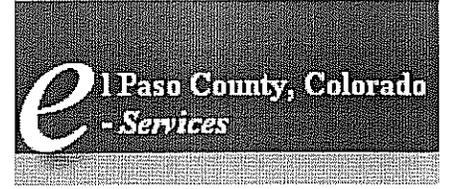
Taxing Entity	Contact Name	Contact Phone
EL PASO COUNTY	COUNTY OFFICE BUILDING	(719) 520-6498
EPC ROAD & BRIDGE (UNSHARED)		(719) 520-6498
FTN./FT. CARSON SCHOOL NO. 8	CHERYL WALKER	(719) 382-5631
PIKES PEAK LIBRARY	MIKE VARNETT	(719) 531-6333
HANOVER FIRE DISTRICT	PAUL OGLE	(719) 683-3242
EL PASO COUNTY CONSERVATION DIST	LORRAINE GRIFFITH	(719) 473-7104

Sale Information**Land Information**

Seq #	Use	Exempt	Area
1	COUNTY	EX	429 acres

Residential Information

Commercial Information



DISCLAIMER: (Nov. 2000)

Please be advised that this information is for reference purposes and is deemed unofficial. The zoning information contained herein is subject to constant change and therefore, accuracy and completeness of the information cannot be guaranteed. El Paso County assumes no liability whatsoever for the use of its zoning information by any entity, individual or business. Persons relying on this information do so at their own risk. The County retains all defenses available to it through the Colorado Governmental Immunity Act or as otherwise provided by law. If questions, call El Paso County Development Services Dept. (719) 520-6300.

County Zoning for parcel 4600000058 is A-35

COUNTY ZONING CODES

A-5 -	Agricultural	I-2 -	Limited Industrial
A-35 -	Agricultural	I-3 -	Heavy Industrial
F-5 -	Forestry and Recreation	RT -	Residential Topographic
RR-0.5 -	Residential Rural	MHP -	Mobile Home Park
RR-2.5 -	Residential Rural	MHP-R -	Mobile Home Park Rural
RR-5 -	Residential Rural	MHS -	Mobile Home Subdivision
RS-20000 -	Residential Suburban	RVP -	Recreational Vehicle Park
RS-6000 -	Residential Suburban	PUD -	Planned Unit Development
RS-5000 -	Residential Suburban	CAD-O -	Commercial Airport District
RM-12 -	Residential Multi-Dwelling	GA-O -	General Aviation Overlay District
RM-30 -	Residential Multi-Dwelling	HR-O -	High Rise Overlay District
CN -	Commercial Neighborhood	RLUP-O -	Rural Land Use Plan Overlay District
CO -	Commercial Office	C-1 -	Commercial (obsolete)
CC -	Commercial Community	C-2 -	Commercial (obsolete)
CR -	Commercial Regional	M -	Industrial (obsolete)
CS -	Commercial Service	R-4 -	Planned Development (obsolete)
I-1 -	Research and Development		

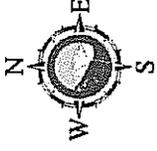
We have made a good-faith effort to provide you with the most recent and most accurate information available. However, if you need to use this information in any legal or official venue, you will need to obtain official copies from the Assessor's Office. Do be aware that this data is subject to change on a daily basis. If you believe that any of this information is incorrect, please call us at (719)520-6600.

El Paso County Assessor's Office

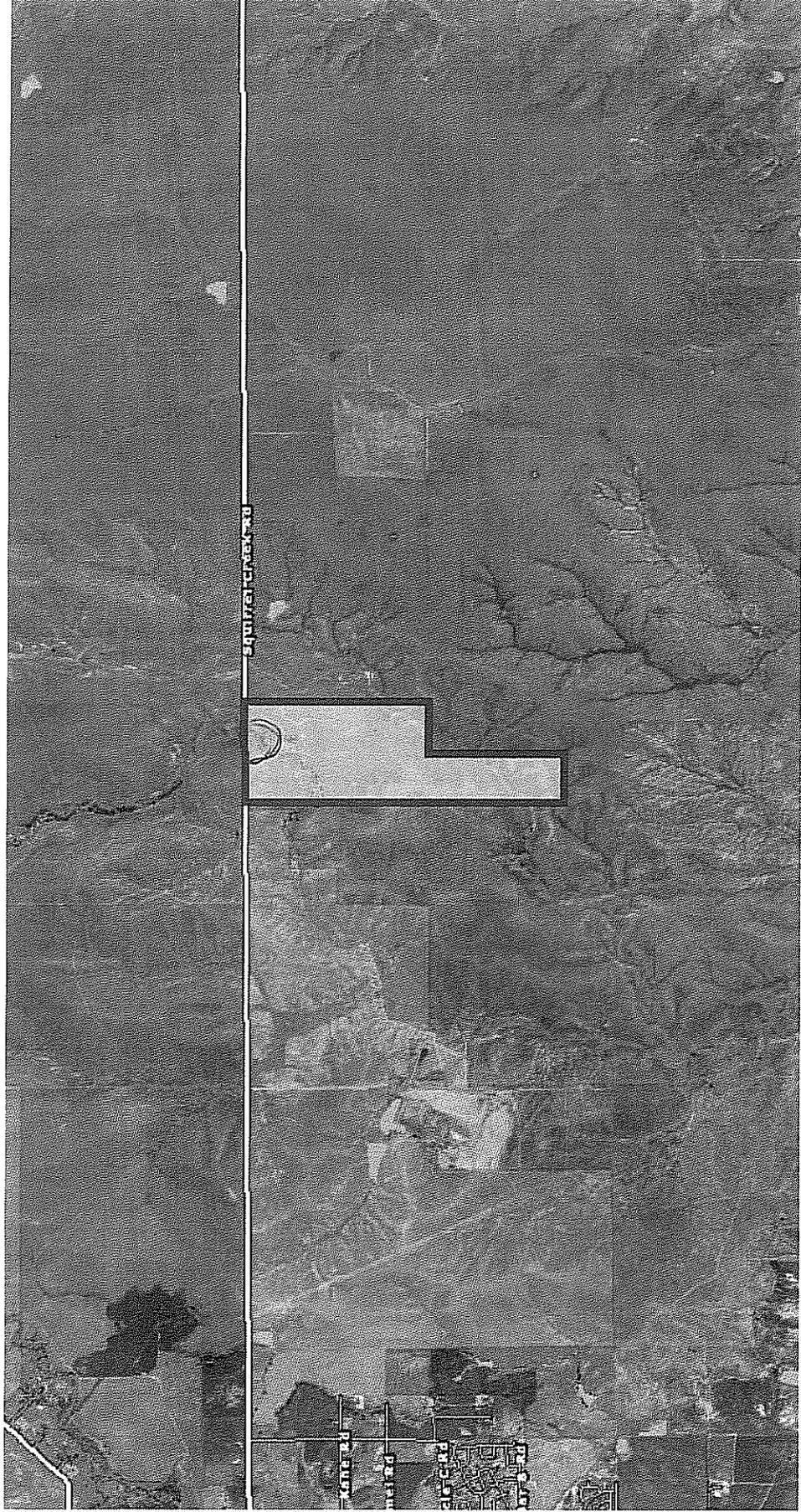
0 SQUIRREL CREEK RD

SCHEDULE: 460000058

OWNER: EL PASO COUNTY



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Public Record Property Information

Database Updated: 4/7/2010 12:00:00 AM Today, Thursday, April 08, 2010 Time: 11:37:50 AM

Personal Information

Schedule No: 4600000052

Owner Name: BOARD OF COUNTY COMMISSIONERS
EL PASO COUNTY

Location: SQUIRREL CREEK RD

Mailing Address: 27 E VERMIJO AVE
COLORADO SPRINGS CO 80903-2208

Previous Parcel
Replaced Parcel

Legal Description

THE ELY 158.09 FT OF GOVT LOT 3 OF NE4NW4, ELY
1932.00 FT OF S2NW4 SEC 6-16-64

Market Information (2009 Values)

Levy Year: 2009 Mill Levy: 40.435 Exempt Status: Fully Exempt

Table	Use Code	2009 Market Value	2009 Assessed Value	Exempt
Land	COUNTY	\$94,058	\$0	EX
	Total Value	\$94,058	\$0	

Tax Entity and Levy Information

(District: EBV)

Taxing Entity	Contact Name	Contact Phone
EL PASO COUNTY	COUNTY OFFICE BUILDING	(719) 520-6498
EPC ROAD & BRIDGE (UNSHARED)		(719) 520-6498
FTN./FT. CARSON SCHOOL NO. 8	CHERYL WALKER	(719) 382-5631
PIKES PEAK LIBRARY	MIKE VARNETT	(719) 531-6333
HANOVER FIRE DISTRICT	PAUL OGLE	(719) 683-3242
EL PASO COUNTY CONSERVATION DIST	LORRAINE GRIFFITH	(719) 473-7104

Sale Information

Seq #	Sale Date	Sale Price	Sale Type
1	11/07/2007	\$0	
2	12/17/2007	\$0	
3	12/17/2007	\$0	
4	12/17/2007	\$0	
5	12/17/2007	\$0	
6	12/17/2007	\$0	
7	02/07/2008	\$0	

Land Information

Seq #	Use	Exempt	Area
1	COUNTY	EX	64.6 acres

Residential Information

Commercial Information



DISCLAIMER: (Nov. 2000)

Please be advised that this information is for reference purposes and is deemed unofficial. The zoning information contained herein is subject to constant change and therefore, accuracy and completeness of the information cannot be guaranteed. El Paso County assumes no liability whatsoever for the use of its zoning information by any entity, individual or business. Persons relying on this information do so at their own risk. The County retains all defenses available to it through the Colorado Governmental Immunity Act or as otherwise provided by law. If questions, call El Paso County Development Services Dept. (719) 520-6300.

County Zoning for parcel 4600000052 is A-35

COUNTY ZONING CODES

A-5 -	Agricultural	I-2 -	Limited Industrial
A-35 -	Agricultural	I-3 -	Heavy Industrial
F-5 -	Forestry and Recreation	RT -	Residential Topographic
RR-0.5 -	Residential Rural	MHP -	Mobile Home Park
RR-2.5 -	Residential Rural	MHP-R -	Mobile Home Park Rural
RR-5 -	Residential Rural	MHS -	Mobile Home Subdivision
RS-20000 -	Residential Suburban	RVP -	Recreational Vehicle Park
RS-6000 -	Residential Suburban	PUD -	Planned Unit Development
RS-5000 -	Residential Suburban	CAD-O -	Commercial Airport District
RM-12 -	Residential Multi-Dwelling	GA-O -	General Aviation Overlay District
RM-30 -	Residential Multi-Dwelling	HR-O -	High Rise Overlay District
CN -	Commercial Neighborhood	RLUP-O -	Rural Land Use Plan Overlay District
CO -	Commercial Office	C-1 -	Commercial (obsolete)
CC -	Commercial Community	C-2 -	Commercial (obsolete)
CR -	Commercial Regional	M -	Industrial (obsolete)
CS -	Commercial Service	R-4 -	Planned Development (obsolete)
I-1 -	Research and Development		

We have made a good-faith effort to provide you with the most recent and most accurate information available. However, if you need to use this information in any legal or official venue, you will need to obtain official copies from the Assessor's Office. Do be aware that this data is subject to change on a daily basis. If you believe that any of this information is incorrect, please call us at (719)520-6600.

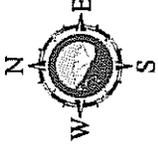
El Paso County Assessor's Office

0 SQUIRREL CREEK RD

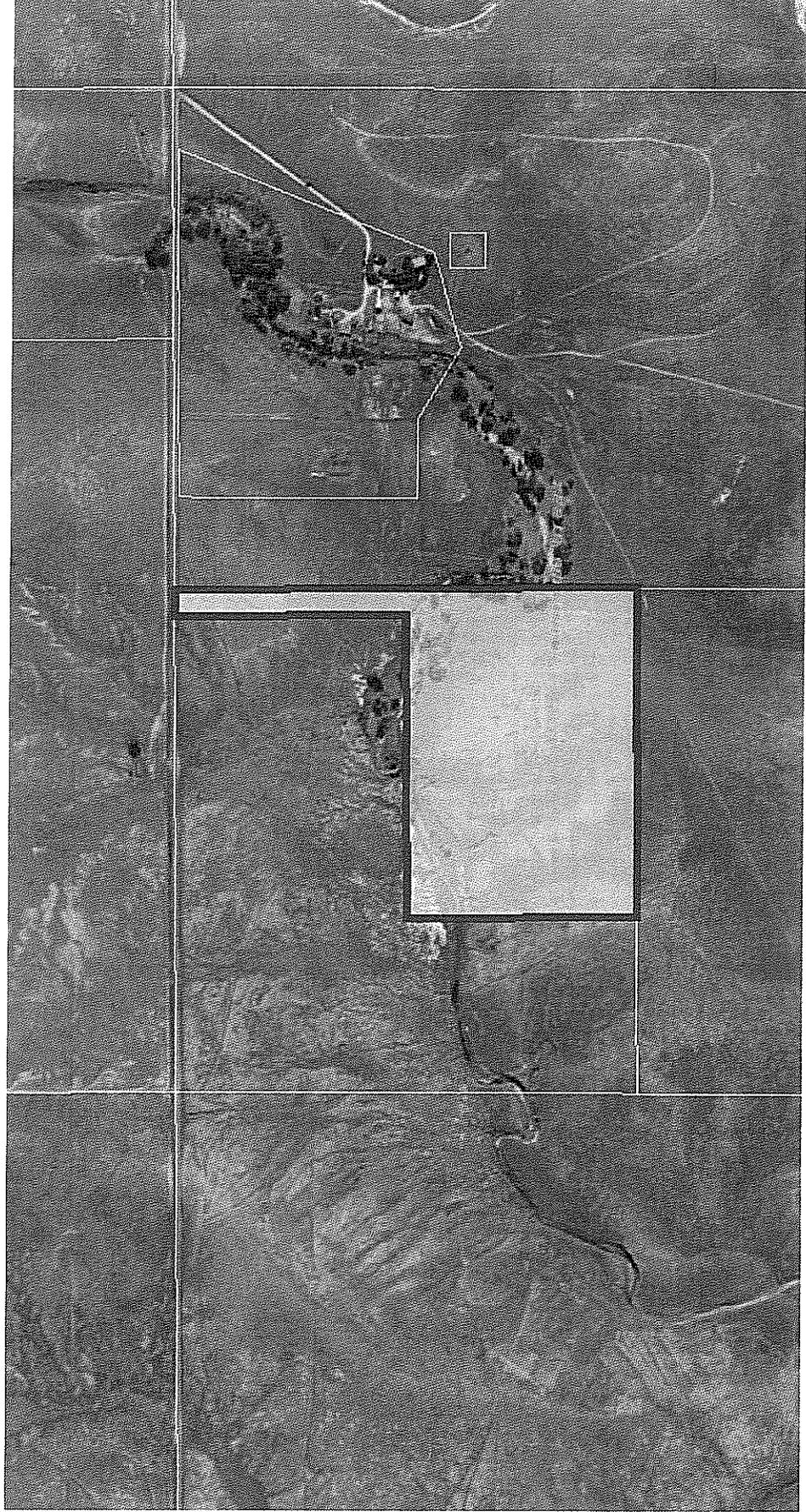
SCHEDULE: 460000052

OWNER: BOARD OF COUNTY COMMISSIONERS

EL PASO COUNTY



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New SE Colorado National Cemetary

Squirrel Creek Road

Colorado Springs, CO 80928

Inquiry Number: 2735887.2

April 05, 2010

Certified Sanborn® Map Report

Certified Sanborn® Map Report

4/05/10

Site Name:

New SE Colorado National
Squirrel Creek Road
Colorado Springs, CO 80928

Client Name:

Terracon, Inc.
4172 Center Park Drive
Colorado Springs, CO 80916

EDR Inquiry # 2735887.2

Contact: Larry Keefe



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Terracon, Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: New SE Colorado National Cemetary
Address: Squirrel Creek Road
City, State, Zip: Colorado Springs, CO 80928
Cross Street:
P.O. # NA
Project: 23107712
Certification # 93FD-43EB-8428



Sanborn® Library search results
Certification # 93FD-43EB-8428

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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APPENDIX D

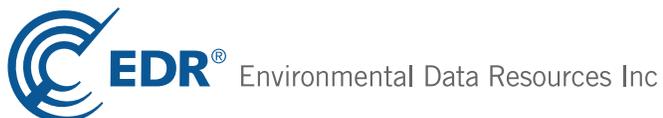
Environmental Database Information

New SE Colorado National Cemetary

Squirrel Creek Road
Colorado Springs, CO 80928

Inquiry Number: 2735887.1s
April 05, 2010

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
 Please contact EDR at 1-800-352-0050
 with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

SQUIRREL CREEK ROAD
COLORADO SPRINGS, CO 80928

COORDINATES

Latitude (North): 38.683100 - 38° 40' 59.2"
Longitude (West): 104.592900 - 104° 35' 34.4"
Universal Transverse Mercator: Zone 13
UTM X (Meters): 535409.2
UTM Y (Meters): 4281482.0
Elevation: 5659 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 38104-F5 FOUNTAIN NE, CO
Most Recent Revision: 1961

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

EXECUTIVE SUMMARY

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS..... This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Sites & Facilities

State and tribal leaking storage tank lists

LUST..... Leaking Underground Storage Tank List
LUST TRUST..... RAP Site Listing
LAST..... Leaking Aboveground Storage Tank Listing
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST..... Underground Storage Tank Database
AST..... Aboveground Tank List
INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

EXECUTIVE SUMMARY

State and tribal institutional control / engineering control registries

AUL..... Environmental Real Covenants List

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup & Redevelopment Act Application Tracking Report

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

HIST LF..... Historical Landfill List

SWRCY..... Registered Recyclers Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs

CDL..... Meth Lab Locations

US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

LUCIS..... Land Use Control Information System

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

CO ERNS..... Spills Database

Other Ascertainable Records

RCRA-NonGen..... RCRA - Non Generators

DOT OPS..... Incident and Accident Data

DOD..... Department of Defense Sites

FUDS..... Formerly Used Defense Sites

CONSENT..... Superfund (CERCLA) Consent Decrees

ROD..... Records Of Decision

UMTRA..... Uranium Mill Tailings Sites

MINES..... Mines Master Index File

TRIS..... Toxic Chemical Release Inventory System

TSCA..... Toxic Substances Control Act

FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

EXECUTIVE SUMMARY

HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
METHANE SITE.....	Methane Site Investigations - Jefferson County 1980
Methane Investigation.....	Methane Gas & Swamp Findings
DRYCLEANERS.....	Drycleaner Facilities
NPDES.....	Permitted Facility Listing
AIRS.....	Permitted Facility & Emissions Listing
UMTRA.....	Uranium Mill Tailings Sites
ASBESTOS.....	Asbestos Abatement & Demolition Projects
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
COAL ASH DOE.....	Steam-Electric Plan Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants.....	EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations..	EDR Proprietary Historic Gas Stations
EDR Historical Cleaners.....	EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

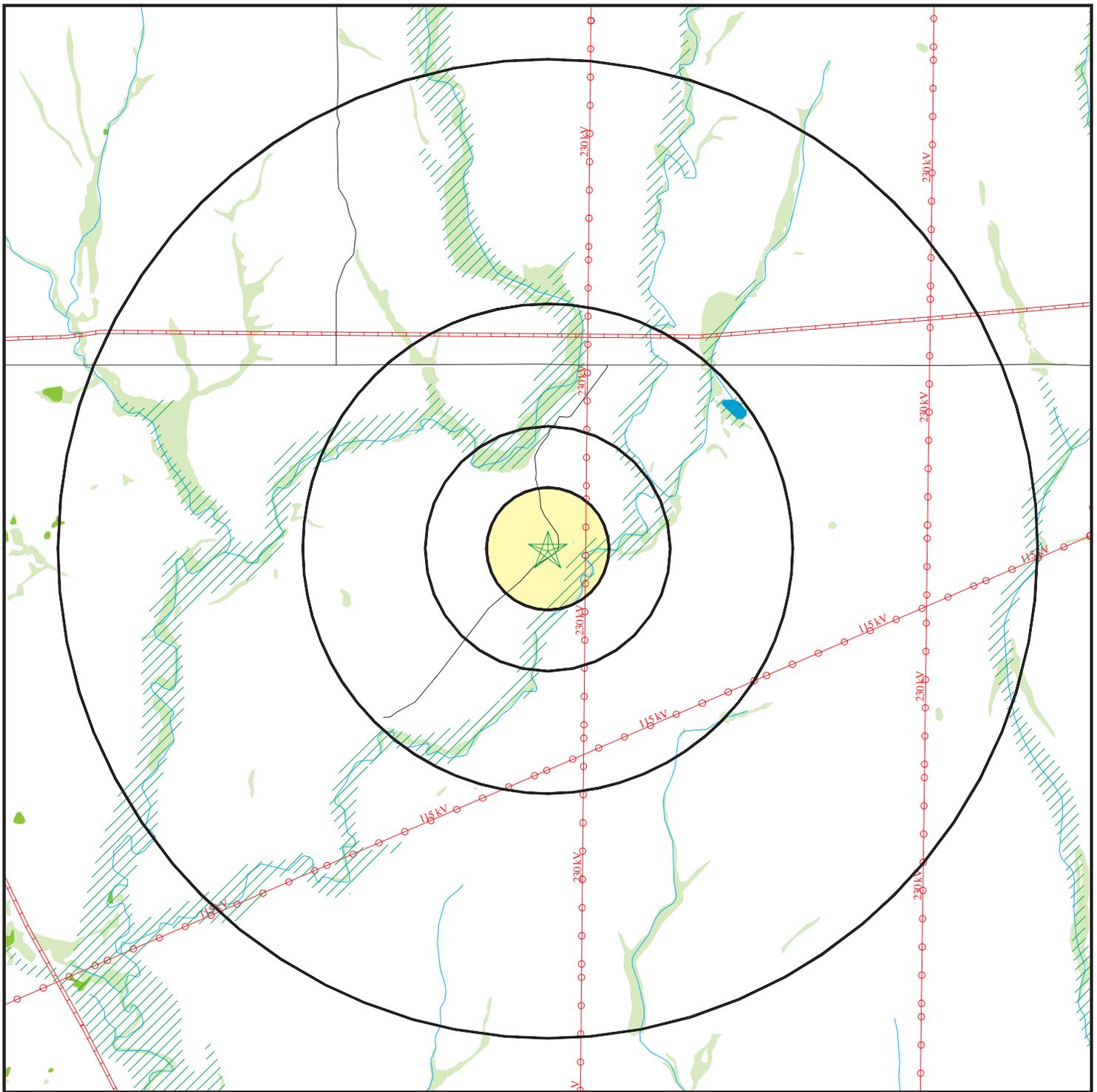
Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
ROCKY MTN. GROWERS	FTTS,HIST FTTS INSP
7330 HWY 85/87	CO ERNS,CDL
FOUNTAIN DRUMS	CERCLIS-NFRAP
COLORADO AUTO AUCTION	LUST
KMART #7082	LUST
KLAUS KLAPAC PROPERTY	RCRA-NLR
A & C COLLISION CENTER	RCRA-NLR
PENSKE AUTO CENTER	FINDS,RCRA-CESQG
COLORADO STATE HWY 24	ERNS
PINELLO FIRING RANGE I	FINDS,VCP
COLORADO SILICA SAND ERIN PIT	FINDS
COLORADO SPRINGS AUTO AUCTION.CN	FINDS
COLO SPGS HWY 94 SWDS	HIST LF
COLORADO SPRINGS ACTIV SLUDGE	ICIS
COLORADO INTERSTATE GAS	ICIS
1124 COLORADO W AVE	CDL
COLORADO SPRINGS, CITY OF	DOT OPS
15880 HWY 85	ASBESTOS
6436 RB HWY 85/87	ASBESTOS
HIGHWAY 85 OUTFALL SEWER	NPDES

OVERVIEW MAP - 2735887.1s



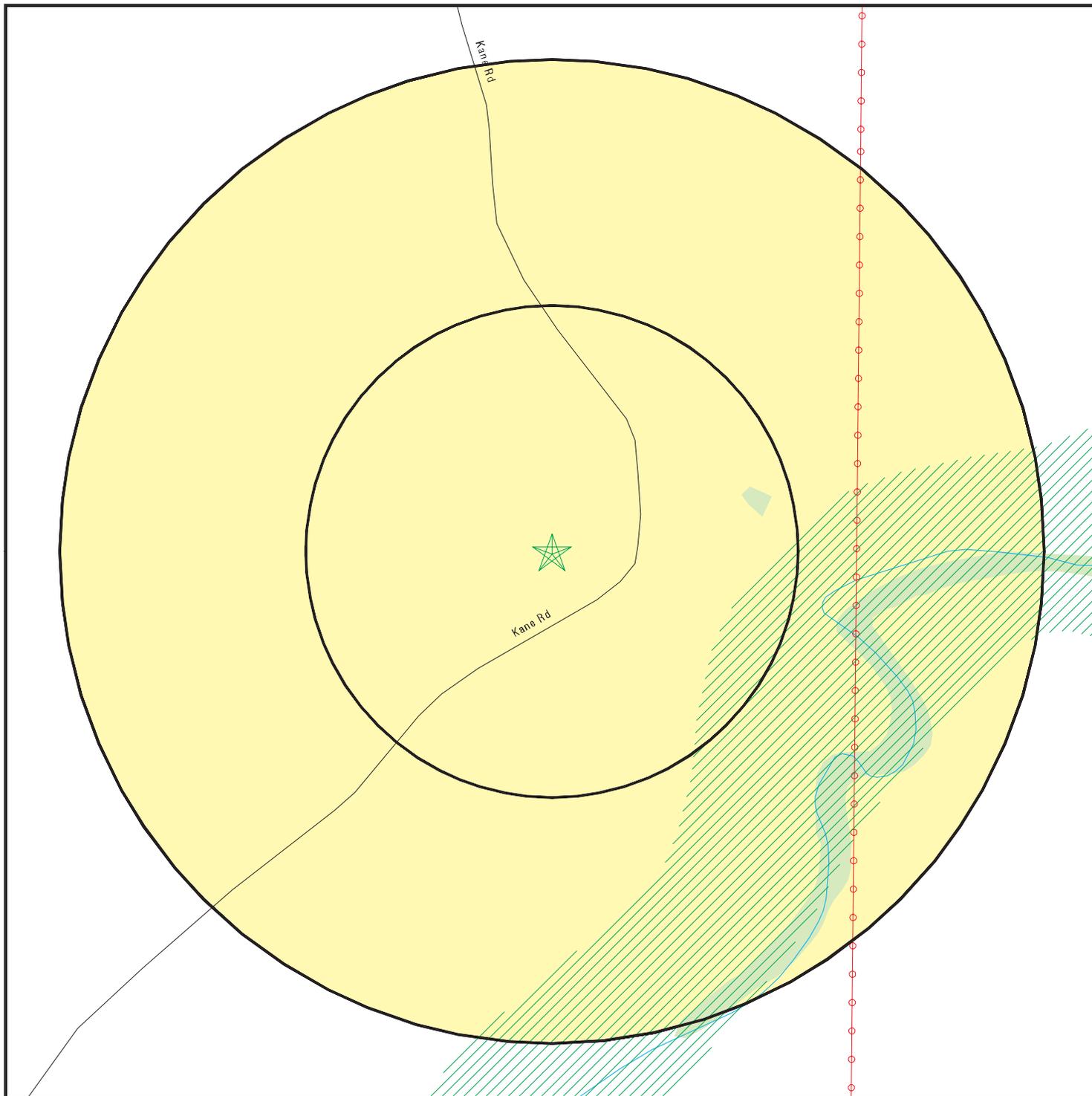
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Power transmission lines
- ⚡ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory
- State Wetlands

SITE NAME: New SE Colorado National Cemetary
 ADDRESS: Squirrel Creek Road
 Colorado Springs CO 80928
 LAT/LONG: 38.6831 / 104.5929

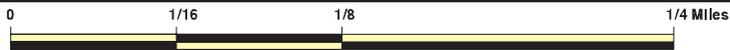
CLIENT: Terracon, Inc.
 CONTACT: Larry Keefe
 INQUIRY #: 2735887.1s
 DATE: April 05, 2010 12:37 pm

DETAIL MAP - 2735887.1s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚙ Manufactured Gas Plants
- ⚡ Sensitive Receptors
- 🏠 National Priority List Sites
- 🏠 Dept. Defense Sites

- 🏠 Indian Reservations BIA
- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines
- 🌊 100-year flood zone
- 🌊 500-year flood zone
- 🌿 National Wetland Inventory
- 🌿 State Wetlands



SITE NAME: New SE Colorado National Cemetary
ADDRESS: Squirrel Creek Road
 Colorado Springs CO 80928
LAT/LONG: 38.6831 / 104.5929

CLIENT: Terracon, Inc.
CONTACT: Larry Keefe
INQUIRY #: 2735887.1s
DATE: April 05, 2010 12:37 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL		2.000	0	0	0	0	0	0
Proposed NPL		2.000	0	0	0	0	0	0
NPL LIENS		1.000	0	0	0	0	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL		2.000	0	0	0	0	0	0
<i>Federal CERCLIS list</i>								
CERCLIS		1.500	0	0	0	0	0	0
FEDERAL FACILITY		2.000	0	0	0	0	0	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP		1.500	0	0	0	0	0	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS		2.000	0	0	0	0	0	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF		1.500	0	0	0	0	0	0
<i>Federal RCRA generators list</i>								
RCRA-LQG		1.250	0	0	0	0	0	0
RCRA-SQG		1.250	0	0	0	0	0	0
RCRA-CESQG		1.250	0	0	0	0	0	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS		1.500	0	0	0	0	0	0
US INST CONTROL		1.500	0	0	0	0	0	0
<i>Federal ERNS list</i>								
ERNS		1.000	0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS		N/A	N/A	N/A	N/A	N/A	N/A	N/A
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF		1.500	0	0	0	0	0	0
<i>State and tribal leaking storage tank lists</i>								
LUST		1.500	0	0	0	0	0	0
LUST TRUST		1.500	0	0	0	0	0	0
LAST		TP	NR	NR	NR	NR	NR	0
INDIAN LUST		1.500	0	0	0	0	0	0
<i>State and tribal registered storage tank lists</i>								
UST		1.250	0	0	0	0	0	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST		1.250	0	0	0	0	0	0
INDIAN UST		1.250	0	0	0	0	0	0
FEMA UST		1.250	0	0	0	0	0	0
<i>State and tribal institutional control / engineering control registries</i>								
AUL		1.500	0	0	0	0	0	0
<i>State and tribal voluntary cleanup sites</i>								
VCP		1.500	0	0	0	0	0	0
INDIAN VCP		1.500	0	0	0	0	0	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS		1.500	0	0	0	0	0	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
DEBRIS REGION 9		1.500	0	0	0	0	0	0
ODI		1.500	0	0	0	0	0	0
HIST LF		1.500	0	0	0	0	0	0
SWRCY		1.500	0	0	0	0	0	0
INDIAN ODI		1.500	0	0	0	0	0	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US CDL		1.000	0	0	0	0	NR	0
CDL		1.000	0	0	0	0	NR	0
US HIST CDL		1.000	0	0	0	0	NR	0
<i>Local Land Records</i>								
LIENS 2		1.000	0	0	0	0	NR	0
LUCIS		1.500	0	0	0	0	0	0
<i>Records of Emergency Release Reports</i>								
HMIRS		1.000	0	0	0	0	NR	0
CO ERNS		1.000	0	0	0	0	NR	0
<i>Other Ascertainable Records</i>								
RCRA-NonGen		1.250	0	0	0	0	0	0
DOT OPS		1.000	0	0	0	0	NR	0
DOD		2.000	0	0	0	0	0	0
FUDS		2.000	0	0	0	0	0	0
CONSENT		2.000	0	0	0	0	0	0
ROD		2.000	0	0	0	0	0	0
UMTRA		1.500	0	0	0	0	0	0
MINES		1.250	0	0	0	0	0	0
TRIS		1.000	0	0	0	0	NR	0
TSCA		1.000	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FTTS		1.000	0	0	0	0	NR	0
HIST FTTS		1.000	0	0	0	0	NR	0
SSTS		1.000	0	0	0	0	NR	0
ICIS		1.000	0	0	0	0	NR	0
PADS		1.000	0	0	0	0	NR	0
MLTS		1.000	0	0	0	0	NR	0
RADINFO		1.000	0	0	0	0	NR	0
FINDS		1.000	0	0	0	0	NR	0
RAATS		1.000	0	0	0	0	NR	0
METHANE SITE		1.000	0	0	0	0	NR	0
Methane Investigation		1.000	0	0	0	0	NR	0
DRYCLEANERS		1.250	0	0	0	0	0	0
NPDES		1.000	0	0	0	0	NR	0
AIRS		1.000	0	0	0	0	NR	0
UMTRA		1.500	0	0	0	0	0	0
ASBESTOS		1.000	0	0	0	0	NR	0
INDIAN RESERV		2.000	0	0	0	0	0	0
SCRD DRYCLEANERS		1.500	0	0	0	0	0	0
COAL ASH DOE		1.000	0	0	0	0	NR	0
COAL ASH EPA		1.500	0	0	0	0	0	0
PCB TRANSFORMER		1.000	0	0	0	0	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants		2.000	0	0	0	0	0	0
EDR Historical Auto Stations		1.250	0	0	0	0	0	0
EDR Historical Cleaners		1.250	0	0	0	0	0	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO SITES FOUND

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FOUNTAIN	1003877767	FOUNTAIN DRUMS	6720 SO. HIGHWAY 85	80817	CERCLIS-NFRAP
FOUNTAIN	1004679975	PENSKE AUTO CENTER	6460 S 85 87 HIGHWAY	80817	FINDS,RCRA-CESQG
FOUNTAIN	1004680512	A & C COLLISION CENTER	7390 S HWY 85 - 87	80817	RCRA-NLR
COLORADO SPRINGS	1007839010	PINELLO FIRING RANGE I	4900 S HWY 85-87		FINDS,VCP
COLORADO SPRINGS	1008372204	KLAUS KLAPAC PROPERTY	6450 S HWY 85-87	80817	RCRA-NLR
PAYTON	1009522138	ROCKY MTN. GROWERS	14095 NO. PAYTON HWY.	80922	FTTS,HIST FTTS INSP
COLORADO SPRINGS	1009629882	COLORADO SPRINGS, CITY OF	N. UNION BLVD. & YAMPA ST.	3	DOT OPS
COLORADO SPRINGS	1011506354	COLORADO SPRINGS ACTIV SLUDGE	1811 LAS VEGAS COLORADO SPR	80947	ICIS
COLORADO SPRINGS	1011621095	COLORADO INTERSTATE GAS	2 NORTH NEVADA COLORADO SPR	80944	ICIS
COLORADO SPRINGS	1012056240	1124 COLORADO W AVE	1124 COLORADO W AVE		CDL
FOUNTAIN	1012078292	COLORADO SPRINGS AUTO AUCTION.CN	7390 S US HIGHWAY 85-87	80817	FINDS
COLORADO SPRINGS	1012079415	COLORADO SILICA SAND ERIN PIT	SHOUP RD & HWY 83 1 MI W OF	80935	FINDS
COLORADO SPRINGS	2006788721	COLORADO STATE HWY 24	COLORADO STATE HWY 24		ERNS
	S100795781	COLO SPGS HWY 94 SWDS	13320 E HWY 94		HIST LF
FOUNTAIN	S105567556	KMART #7082	6460 S 85-87 HWY	80817	LUST
FOUNTAIN	S105567617	COLORADO AUTO AUCTION	7360 HWY 85 / 87	80817	LUST
FOUNTAIN	S107686950		7330 HWY 85/87	80817	CO ERNS,CDL
FOUNTAIN	S107765270		6436 RB HWY 85/87		ASBESTOS
COLORADO SPRINGS	S108670602		15880 HWY 85		ASBESTOS
FOUNTAIN	S110128744	HIGHWAY 85 OUTFALL SEWER	HWY 85 / MESA RD	80817	NPDES

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/01/2009	Source: EPA
Date Data Arrived at EDR: 01/14/2010	Telephone: N/A
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 04/02/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/26/2010
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/01/2009	Source: EPA
Date Data Arrived at EDR: 01/14/2010	Telephone: N/A
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 04/02/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/26/2010
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 03/01/2010
Number of Days to Update: 56	Next Scheduled EDR Contact: 05/31/2010
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/01/2009	Source: EPA
Date Data Arrived at EDR: 01/14/2010	Telephone: N/A
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 04/02/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/26/2010
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/30/2009	Source: EPA
Date Data Arrived at EDR: 08/11/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 03/30/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 07/12/2010
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of NPL and Base Realignment & Closure sites found in the CERCLIS database where FERRO is involved in cleanup projects.

Date of Government Version: 06/23/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: 703-603-8704
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 01/15/2010
Number of Days to Update: 26	Next Scheduled EDR Contact: 04/26/2010
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates 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), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. 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.

Date of Government Version: 06/23/2009	Source: EPA
Date Data Arrived at EDR: 09/02/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 03/11/2010
Number of Days to Update: 19	Next Scheduled EDR Contact: 06/14/2010
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/11/2009	Source: EPA
Date Data Arrived at EDR: 12/29/2009	Telephone: 800-424-9346
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 02/15/2010
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/31/2010
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 01/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: 303-312-6149
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/19/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 01/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: 303-312-6149
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/19/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 01/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: 303-312-6149
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/19/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 01/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: 303-312-6149
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/19/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/01/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2009	Telephone: 703-603-0695
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 03/15/2010
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/28/2010
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/01/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2009	Telephone: 703-603-0695
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 03/15/2010
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/28/2010
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2009	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/22/2010	Telephone: 202-267-2180
Date Made Active in Reports: 02/11/2010	Last EDR Contact: 01/15/2010
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A	Source: Department of Public Health & Environment
Date Data Arrived at EDR: N/A	Telephone: 303-692-3300
Date Made Active in Reports: N/A	Last EDR Contact: 02/23/2010
Number of Days to Update: N/A	Next Scheduled EDR Contact: 06/07/2010
	Data Release Frequency: N/A

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Sites & Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/04/2009	Source: Department of Public Health & Environment
Date Data Arrived at EDR: 02/16/2010	Telephone: 303-692-3300
Date Made Active in Reports: 03/04/2010	Last EDR Contact: 02/15/2010
Number of Days to Update: 16	Next Scheduled EDR Contact: 05/31/2010
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 12/15/2009	Source: Department of Labor and Employment, Oil Inspection Section
Date Data Arrived at EDR: 12/15/2009	Telephone: 303-318-8521
Date Made Active in Reports: 12/24/2009	Last EDR Contact: 03/16/2010
Number of Days to Update: 9	Next Scheduled EDR Contact: 06/28/2010
	Data Release Frequency: Quarterly

TRUST: Lust Trust Sites

Reimbursement application package. The 1989 Colorado General Assembly established Colorado's Petroleum Storage Tank Fund. The Fund reimburses eligible applicants for allowable costs incurred in cleaning up petroleum contamination from underground and aboveground petroleum storage tanks, as well as for third-party liability expenses. Remediation of contamination caused by railroad or aircraft fuel is not eligible for reimbursement. The Fund satisfies federal Environmental Protection Agency financial assurance requirements. Monies in the Fund come from various sources, predominantly the state environmental surcharge imposed on all petroleum products except railroad or aircraft fuel.

Date of Government Version: 01/28/2010	Source: Department of Labor and Employment, Oil Inspection Section
Date Data Arrived at EDR: 01/28/2010	Telephone: 303-318-8521
Date Made Active in Reports: 02/05/2010	Last EDR Contact: 01/18/2010
Number of Days to Update: 8	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Varies

LAST: Leaking Aboveground Storage Tank Listing

A listing of leaking aboveground storage tank sites.

Date of Government Version: 12/14/2009	Source: Department of Labor & Employment
Date Data Arrived at EDR: 12/28/2009	Telephone: 303-318-8525
Date Made Active in Reports: 01/21/2010	Last EDR Contact: 03/15/2010
Number of Days to Update: 24	Next Scheduled EDR Contact: 06/28/2010
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 11/24/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/25/2009	Telephone: 415-972-3372
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/07/2009	Source: EPA Region 4
Date Data Arrived at EDR: 12/09/2009	Telephone: 404-562-8677
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 7	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/02/2010	Source: EPA Region 10
Date Data Arrived at EDR: 02/03/2010	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/01/2010
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009	Source: EPA Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 03/01/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/12/2009	Source: EPA Region 6
Date Data Arrived at EDR: 11/12/2009	Telephone: 214-665-6597
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/24/2009	Source: EPA Region 7
Date Data Arrived at EDR: 05/20/2009	Telephone: 913-551-7003
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 12/01/2009	Source: EPA Region 8
Date Data Arrived at EDR: 12/01/2009	Telephone: 303-312-6271
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Underground Storage Tank Database

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 11/18/2009	Source: Department of Labor and Employment, Oil Inspection Section
Date Data Arrived at EDR: 11/18/2009	Telephone: 303-318-8521
Date Made Active in Reports: 01/18/2010	Last EDR Contact: 03/15/2010
Number of Days to Update: 61	Next Scheduled EDR Contact: 06/28/2010
	Data Release Frequency: Quarterly

AST: Aboveground Tank List

Aboveground storage tank locations.

Date of Government Version: 11/18/2009	Source: Department of Labor and Employment, Oil Inspection Section
Date Data Arrived at EDR: 11/18/2009	Telephone: 303-318-8521
Date Made Active in Reports: 01/18/2010	Last EDR Contact: 03/15/2010
Number of Days to Update: 61	Next Scheduled EDR Contact: 06/28/2010
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2008
Date Data Arrived at EDR: 12/30/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 76

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/02/2010
Date Data Arrived at EDR: 02/03/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 15

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 02/17/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 15

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/07/2009
Date Data Arrived at EDR: 12/09/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 7

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/12/2009
Date Data Arrived at EDR: 11/20/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 26

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/08/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 9

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2009
Date Data Arrived at EDR: 11/05/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 41

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/01/2009
Date Data Arrived at EDR: 10/29/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 48

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/18/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AUL: Environmental Real Covenants List

Activity and use limitations include both engineering controls and institutional controls. The Colorado Department of Public Health and Environment to approve requests to restrict the future use of a property using an enforceable agreement called an environmental real covenant. When a contaminated site is not cleaned up completely, land use restrictions may be used to ensure that the selected cleanup remedy is adequately protective of human health and the environment.

Date of Government Version: 02/12/2010
Date Data Arrived at EDR: 02/12/2010
Date Made Active in Reports: 03/04/2010
Number of Days to Update: 20

Source: Department of Public Health & Environment
Telephone: 303-692-3331
Last EDR Contact: 02/08/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup & Redevelopment Act Application Tracking Report

The Voluntary Cleanup and Redevelopment Act is intended to permit and encourage voluntary cleanups by providing a method to determine clean-up responsibilities in planning the reuse of property. The VCRA was intended for sites which were not covered by existing regulatory programs.

Date of Government Version: 11/30/2009
Date Data Arrived at EDR: 01/22/2010
Date Made Active in Reports: 02/05/2010
Number of Days to Update: 14

Source: Department of Public Health and Environmental
Telephone: 303-692-3331
Last EDR Contact: 01/18/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008	Source: EPA, Region 1
Date Data Arrived at EDR: 04/22/2008	Telephone: 617-918-1102
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/05/2010
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/19/2010
	Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/01/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/04/2009	Telephone: 202-566-2777
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 03/23/2010
Number of Days to Update: 42	Next Scheduled EDR Contact: 07/12/2010
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-972-3336
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 03/22/2010
Number of Days to Update: 137	Next Scheduled EDR Contact: 06/21/2010
	Data Release Frequency: Varies

SWRCY: Registered Recyclers Listing

A listing of registered recycler locations in the state of Colorado.

Date of Government Version: 03/02/2010	Source: Department of Public Health & Environment
Date Data Arrived at EDR: 03/03/2010	Telephone: 303-692-3337
Date Made Active in Reports: 03/18/2010	Last EDR Contact: 02/15/2010
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/31/2010
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HISTORICAL LANDFILL: Historical Landfill List Abandoned/Inactive Landfills.

Date of Government Version: 01/31/1993
Date Data Arrived at EDR: 04/24/1994
Date Made Active in Reports: 05/30/1994
Number of Days to Update: 36

Source: Department of Public Health & Environment
Telephone: 303-692-3300
Last EDR Contact: 09/05/1996
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 02/08/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/19/2009
Date Data Arrived at EDR: 12/29/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/14/2009
Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Quarterly

CDL: Meth Lab Locations

Meth lab locations that were reported to the Department of Public Health & Environment.

Date of Government Version: 01/10/2010
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 01/21/2010
Number of Days to Update: 8

Source: Department of Public Health and Environment
Telephone: 303-692-3023
Last EDR Contact: 01/11/2010
Next Scheduled EDR Contact: 04/26/2010
Data Release Frequency: Quarterly

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Land Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 11/03/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/05/2009	Telephone: 202-564-6023
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 03/17/2010
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/07/2010
	Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2009	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/06/2010	Telephone: 202-366-4555
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 01/06/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/12/2010
	Data Release Frequency: Annually

CO ERNS: Spills Database

State reported spills.

Date of Government Version: 01/10/2010	Source: Department of Public Health and Environmental
Date Data Arrived at EDR: 01/13/2010	Telephone: 303-692-2000
Date Made Active in Reports: 01/21/2010	Last EDR Contact: 01/11/2010
Number of Days to Update: 8	Next Scheduled EDR Contact: 04/26/2010
	Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 01/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: 303-312-6149
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/19/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/13/2009
Date Data Arrived at EDR: 11/10/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 36

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/09/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 01/19/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 09/30/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 62

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/18/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 08/03/2009
Date Data Arrived at EDR: 10/27/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 13

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/05/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/15/2009
Date Made Active in Reports: 01/19/2010
Number of Days to Update: 35

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 04/02/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 01/05/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/08/2009
Number of Days to Update: 1

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 01/21/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/17/2009
Date Data Arrived at EDR: 12/08/2009
Date Made Active in Reports: 01/19/2010
Number of Days to Update: 42

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/10/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 36

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/30/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2008	Source: EPA
Date Data Arrived at EDR: 01/06/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 02/01/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/10/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/18/2009	Telephone: 202-564-5088
Date Made Active in Reports: 01/19/2010	Last EDR Contact: 03/29/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/12/2010
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/01/2009	Source: EPA
Date Data Arrived at EDR: 10/21/2009	Telephone: 202-566-0500
Date Made Active in Reports: 12/01/2009	Last EDR Contact: 02/16/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/03/2010
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 12/24/2009	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 12/31/2009	Telephone: 301-415-7169
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 03/15/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 06/28/2010
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/12/2010
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 28

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/13/2010
Next Scheduled EDR Contact: 04/26/2010
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/19/2009
Date Data Arrived at EDR: 10/22/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 40

Source: EPA
Telephone: (303) 312-6312
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 05/22/2009
Number of Days to Update: 92

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/25/2010
Next Scheduled EDR Contact: 06/07/2010
Data Release Frequency: Biennially

METHANE SITE: Methane Site Investigations - Jefferson County 1980

The objectives of the study are to define as closely as possible the boundaries of methane producing solid waste landfills.

Date of Government Version: 12/31/1980
Date Data Arrived at EDR: 02/13/1995
Date Made Active in Reports: 04/04/1995
Number of Days to Update: 50

Source: Jefferson County Health Department
Telephone: 303-239-7175
Last EDR Contact: 01/27/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

METHANE INVESTIGATION: Methane Gas & Swamp Findings

The primary objective of this study was to assess methane gas related hazards at selected landfill sites in Colorado. These sites were selected by the Colorado Department of Health following evaluation of responses received from County and Municipal agencies about completed and existing landfills within their jurisdiction.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/15/1979
Date Data Arrived at EDR: 02/13/1995
Date Made Active in Reports: 04/04/1995
Number of Days to Update: 50

Source: Department of Health
Telephone: 303-640-3335
Last EDR Contact: 01/27/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DRYCLEANERS: Drycleaner Facilities

A listing of drycleaning facilities.

Date of Government Version: 12/23/2009
Date Data Arrived at EDR: 12/23/2009
Date Made Active in Reports: 01/21/2010
Number of Days to Update: 29

Source: Department of Public Health & Environment
Telephone: 303-692-3213
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

NPDES: Permitted Facility Listing

A listing of permitted facilities from the Water Quality Control Division.

Date of Government Version: 02/11/2010
Date Data Arrived at EDR: 02/12/2010
Date Made Active in Reports: 03/04/2010
Number of Days to Update: 20

Source: Department of Public Health & Environment
Telephone: 303-692-3611
Last EDR Contact: 02/08/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Varies

AIRS: Permitted Facility & Emissions Listing

A listing of Air Pollution Control Division permits and emissions data.

Date of Government Version: 12/23/2009
Date Data Arrived at EDR: 12/23/2009
Date Made Active in Reports: 01/21/2010
Number of Days to Update: 29

Source: Department of Public Health & Environment
Telephone: 303-692-3213
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

There were nine uranium mill tailings sites in Colorado designated for cleanup under the federal Uranium Mill Tailings Radiation Control Act. These nine sites, known commonly as UMTRA sites, were remediated jointly by the State of Colorado and the U.S. Department of Energy during the late 1980's and early 1990's. Mill tailings were removed from 8 of the mill sites and relocated in engineered disposal cells. A disposal cell is designed to encapsulate the material, reduce radon emanation, and prevent the movement of water through the material. At one site, Maybell, CO, the tailings were stabilized in-place at the mill site. After remediation of the tailings was completed, the State and DOE began to investigate the residual impacts to groundwater at the mill sites. The groundwater phase of the UMTRA program is on-going.

Date of Government Version: 11/23/2004
Date Data Arrived at EDR: 03/21/2007
Date Made Active in Reports: 05/02/2007
Number of Days to Update: 42

Source: Department of Public Health & Environment
Telephone: 970-248-7164
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

ASBESTOS: Asbestos Abatement & Demolition Projects

Asbestos abatement and demolition projects by the contractor.

Date of Government Version: 03/01/2010
Date Data Arrived at EDR: 03/02/2010
Date Made Active in Reports: 03/18/2010
Number of Days to Update: 16

Source: Department of Public Health & Environment
Telephone: 303-692-3100
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 05/31/2010
Data Release Frequency: Semi-Annually

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/19/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/03/2010
	Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 11/16/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/16/2009	Telephone: 615-532-8599
Date Made Active in Reports: 01/19/2010	Last EDR Contact: 02/08/2010
Number of Days to Update: 64	Next Scheduled EDR Contact: 05/10/2010
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/19/2010
Number of Days to Update: 339	Next Scheduled EDR Contact: 05/03/2010
	Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2009	Telephone: 202-566-0517
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 02/24/2010
Number of Days to Update: 100	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 11/09/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/18/2009	Telephone: N/A
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 03/16/2010
Number of Days to Update: 54	Next Scheduled EDR Contact: 06/28/2010
	Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 01/27/2010
Number of Days to Update: 76	Next Scheduled EDR Contact: 05/03/2010
	Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ADAMS COUNTY:

Summary Report on Methane Gas Hazards and Surveys Conducted on Domestic and Demolition Landfills in Adams County
As of May 8, 1978, all known landfills or dumping sites in the Adams County area have been surveyed.

Date of Government Version: 05/08/1978
Date Data Arrived at EDR: 02/16/1995
Date Made Active in Reports: 04/04/1995
Number of Days to Update: 47

Source: Tri-County Health Department
Telephone: 303-761-1340
Last EDR Contact: 01/27/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

ARAPAHOE COUNTY:

A Survey of Landfills in Arapahoe County

A survey of Arapahoe County was conducted from August through November, 1977, of all open and closed landfills and dumpsites in the county. Each of the sites found was classified as domestic or demolition.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/1978
Date Data Arrived at EDR: 02/16/1995
Date Made Active in Reports: 04/04/1995
Number of Days to Update: 47

Source: Tri-County Health Department
Telephone: 303-761-1340
Last EDR Contact: 01/27/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

BOULDER COUNTY:

Old Landfill Sites

Landfill sites in Boulder county.

Date of Government Version: 05/01/1986
Date Data Arrived at EDR: 11/14/1995
Date Made Active in Reports: 12/07/1995
Number of Days to Update: 23

Source: Boulder County Health Department
Telephone: 303-441-1182
Last EDR Contact: 01/30/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DENVER COUNTY:

Landfills in Denver County

Landfill sites in the city and county of Denver.

Date of Government Version: 12/01/1994
Date Data Arrived at EDR: 12/28/1994
Date Made Active in Reports: 01/31/1995
Number of Days to Update: 34

Source: City and County of Denver
Telephone: 303-436-7300
Last EDR Contact: 12/18/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DOUGLAS COUNTY:

Douglas County Landfill Key

Landfill sites in Douglas county.

Date of Government Version: 06/12/1991
Date Data Arrived at EDR: 02/16/1995
Date Made Active in Reports: 04/04/1995
Number of Days to Update: 47

Source: Tri-County Health Department
Telephone: 303-761-1340
Last EDR Contact: 01/27/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

PUEBLO COUNTY:

Designated Disposal & Landfill Sites

Only inert materials. Asphalt, cement, dirt & rock unless otherwise specified. These sites are no longer active.

Date of Government Version: 04/30/1990
Date Data Arrived at EDR: 11/16/1995
Date Made Active in Reports: 12/07/1995
Number of Days to Update: 21

Source: Pueblo City-County Health Department
Telephone: 719-583-4300
Last EDR Contact: 11/13/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

TRI COUNTY:

Tri-County Area Solid Waste Facilities List (Adams, Arapahoe and Douglas Counties)

Closed Domestic Landfills in Adams County, Closed Domestic Landfills in Arapahoe County, Closed Demolition Landfills in Arapahoe County, Closed Domestic Landfills in Douglas County.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1983
Date Data Arrived at EDR: 02/16/1995
Date Made Active in Reports: 04/04/1995
Number of Days to Update: 47

Source: Tri-County Health Department
Telephone: 303-761-1340
Last EDR Contact: 01/27/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

WELD COUNTY:

Solid Waste Facilities in Weld County

Solid Waste Facilities in Weld County.

Date of Government Version: 02/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 03/04/2010
Number of Days to Update: 16

Source: Weld County Department of Public Health
Telephone: 970-304-6415
Last EDR Contact: 02/15/2010
Next Scheduled EDR Contact: 05/31/2010
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/07/2010
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/04/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 03/17/2010
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/11/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 02/23/2010
Next Scheduled EDR Contact: 06/07/2010
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 07/17/2009
Date Made Active in Reports: 08/10/2009
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/22/2010
Next Scheduled EDR Contact: 07/05/2010
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Daycare Listing

Source: Department of Human Services
Telephone: 303-866-5958

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Riparian Vegetation Data

Source: Division of Wildlife
Telephone: 970-416-3360

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

NEW SE COLORADO NATIONAL CEMETARY
SQUIRREL CREEK ROAD
COLORADO SPRINGS, CO 80928

TARGET PROPERTY COORDINATES

Latitude (North):	38.68310 - 38° 40' 59.2"
Longitude (West):	104.5929 - 104° 35' 34.5"
Universal Tranverse Mercator:	Zone 13
UTM X (Meters):	535409.2
UTM Y (Meters):	4281482.0
Elevation:	5659 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	38104-F5 FOUNTAIN NE, CO
Most Recent Revision:	1961

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

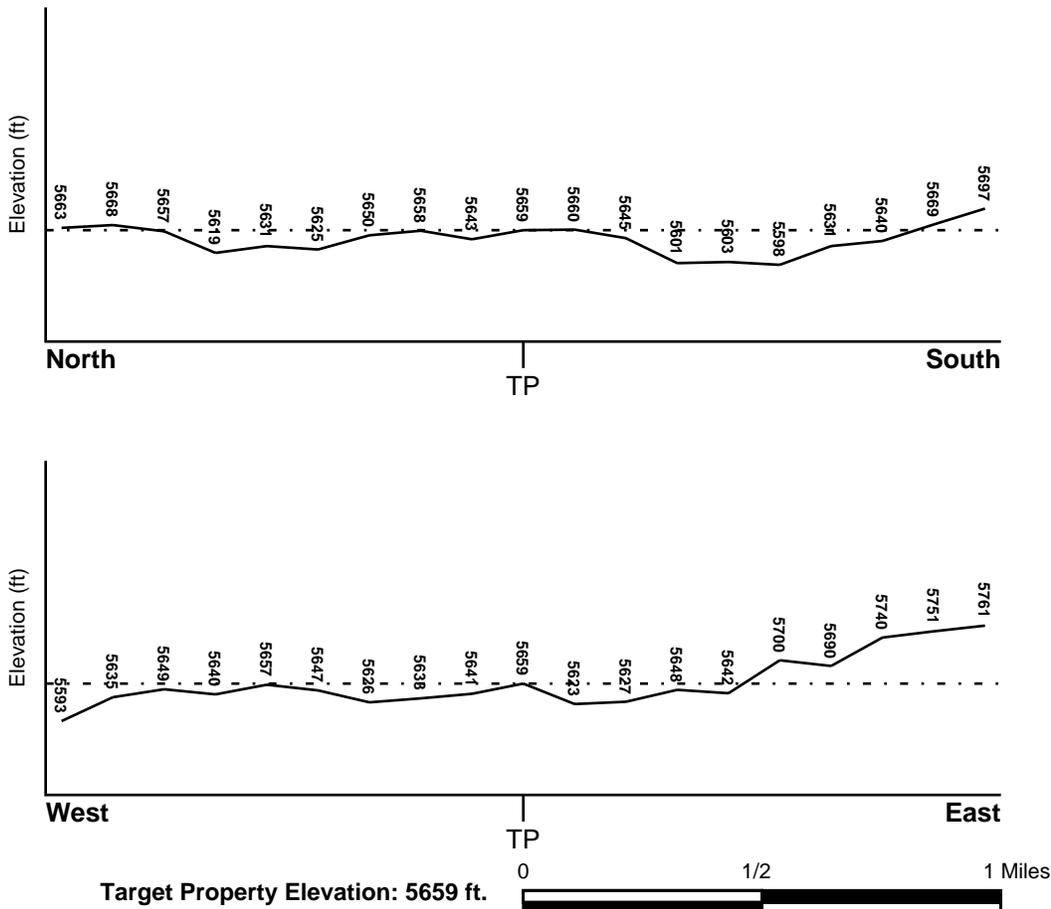
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u> EL PASO, CO	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	08041C1000F - FEMA Q3 Flood data
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> NOT AVAILABLE	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

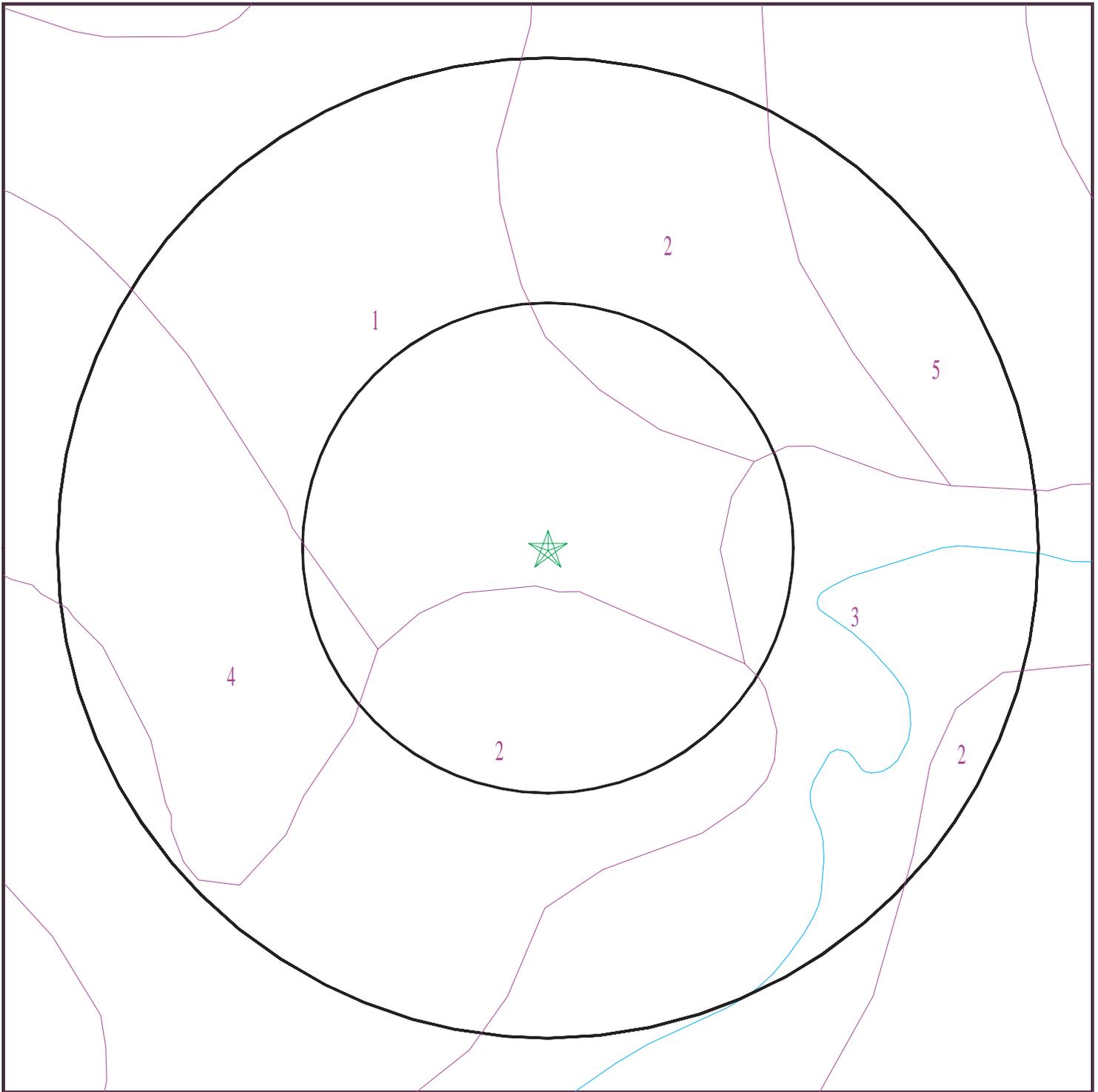
Era:	Mesozoic
System:	Cretaceous
Series:	Taylor Group
Code:	uK3 (<i>decoded above as Era, System & Series</i>)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 2735887.1s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: New SE Colorado National Cemetary
ADDRESS: Squirrel Creek Road
Colorado Springs CO 80928
LAT/LONG: 38.6831 / 104.5929

CLIENT: Terracon, Inc.
CONTACT: Larry Keefe
INQUIRY #: 2735887.1s
DATE: April 05, 2010 12:37 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Pleasant

Soil Surface Texture:
Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 2

Soil Component Name: Pleasant

Soil Surface Texture:
Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: Pleasant

Soil Surface Texture:
Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 4

Soil Component Name: Pleasant

Soil Surface Texture:
Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 5

Soil Component Name: Pleasant

Soil Surface Texture:
Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
C13	USGS2953662	1/4 - 1/2 Mile North
F26	USGS2953663	1/2 - 1 Mile North

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	CO3000000018309	1/4 - 1/2 Mile SSW
A2	CO3000000149075	1/4 - 1/2 Mile SSW
A3	CO3000000385471	1/4 - 1/2 Mile SSW
4	CO3000000052854	1/4 - 1/2 Mile NNE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

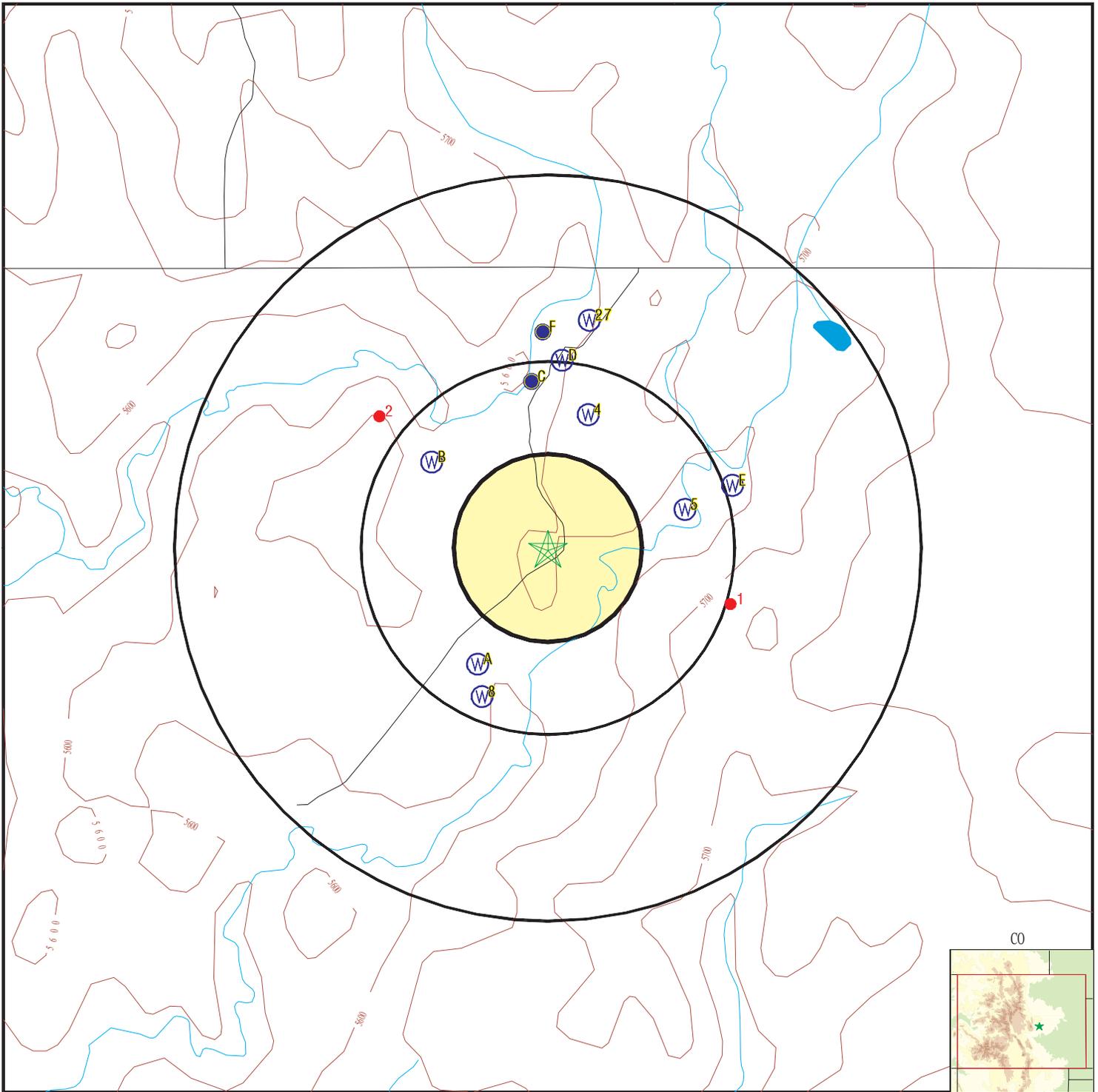
MAP ID	WELL ID	LOCATION FROM TP
5	CO3000000383251	1/4 - 1/2 Mile ENE
B6	CO3000000446365	1/4 - 1/2 Mile NW
B7	CO3000000446380	1/4 - 1/2 Mile NW
8	CO3000000098105	1/4 - 1/2 Mile SSW
C9	CO3000000183093	1/4 - 1/2 Mile North
C10	CO3000000385470	1/4 - 1/2 Mile North
C11	CO3000000385469	1/4 - 1/2 Mile North
C12	CO3000000183095	1/4 - 1/2 Mile North
D14	CO3000000273711	1/4 - 1/2 Mile North
D15	CO3000000273710	1/4 - 1/2 Mile North
D16	CO3000000273708	1/2 - 1 Mile North
D17	CO3000000273709	1/2 - 1 Mile North
D18	CO3000000273707	1/2 - 1 Mile North
E19	CO3000000017117	1/2 - 1 Mile ENE
E20	CO3000000016745	1/2 - 1 Mile ENE
D21	CO3000000273706	1/2 - 1 Mile North
F22	CO3000000160720	1/2 - 1 Mile North
F23	CO3000000021301	1/2 - 1 Mile North
F24	CO3000000385468	1/2 - 1 Mile North
F25	CO3000000182309	1/2 - 1 Mile North
27	CO3000000048345	1/2 - 1 Mile North

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	COOG60000013933	1/2 - 1 Mile ESE
2	COOG60000013965	1/2 - 1 Mile NW

PHYSICAL SETTING SOURCE MAP - 2735887.1s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Oil, gas or related wells



SITE NAME: New SE Colorado National Cemetary
 ADDRESS: Squirrel Creek Road
 Colorado Springs CO 80928
 LAT/LONG: 38.6831 / 104.5929

CLIENT: Terracon, Inc.
 CONTACT: Larry Keefe
 INQUIRY #: 2735887.1s
 DATE: April 05, 2010 12:37 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1
SSW
1/4 - 1/2 Mile
Lower

CO WELLS CO3000000018309

Receipt:	0019144		
Division:	2		
County:	21		
Permitno:	92162		
Permitsuf:	VE	Permitrpl:	Not Reported
Activity:	Verbal approval granted to well construction contractor to construct a well without a permit in place (emergency only).		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	KANE ANDY
Address:	PO BOX 219		
Address2:	Not Reported		
City:	FOUNTAIN	State:	CO
Zip1:	80817	Zip2:	Not Reported
Phone:	Not Reported	Pm:	S
Range:	0640W	Township:	160S
Section:	07	Seca:	Not Reported
Qtr160:	NE	Qtr40:	NW
Qtr10:	Not Reported	Coordsns:	0200N
Coordsew:	2250E	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	Not Reported
Designee:	Not Reported	Usecodes:	89
Driller:	71	Pumpinst:	71
Pidate:	06/04/92	Statute:	Not Reported
Statcode:	Not Reported	Statdate:	//
Npdate:	05/19/92	Wadate:	06/04/92
Trancode:	PI	Trandate:	06/26/92
Sadate:	//	Sbdate:	//
Amdate:	//	Exdate:	//
Abrrdate:	//	Abcodate:	//
Abreq:	N		
Acreft:	0		
Tperf:	0020	Bperf:	0040
Caseno:	Not Reported		
Yield:	2		
Depth:	45		
Level 1:	24		
Elev:	0		
Acreirr:	0		
Comment 1:	Not Reported		
Meter:	N		
Wellxref:	022944R	Sb5cmp:	//
Sb5use:	//	Ident:	00000
Wcdate:	05/22/92	Pcdate:	05/28/92
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	Not Reported		
Pyield:	0		
Pdepth:	0		
Pacref:	0		
Filler:	Not Reported	App type:	Not Reported
Well type:	E	Valid well:	N

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Parcel:	0	Wndate:	//
Ex notice:	//		
Utm x:	535108.2		
Utm y:	4281186.7		
Loc source:	Spotted from section lines	Site id:	CO3000000018309

A2
SSW
1/4 - 1/2 Mile
Lower

CO WELLS CO3000000149075

Receipt:	0342663		
Division:	2		
County:	21		
Permitno:	167642		
Permitsuf:	Not Reported	Permitrpl:	Not Reported
Activity:	Well permit issued. Permit number and issue date entered in permit number and permit date fields.		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	KANE ANDY
Address:	E FOUNTAIN BOX 219		
Address2:	Not Reported		
City:	FOUNTAIN	State:	CO
Zip1:	80817	Zip2:	Not Reported
Phone:	7193825100	Pm:	S
Range:	0640W	Township:	160S
Section:	07	Seca:	Not Reported
Qtr160:	NE	Qtr40:	NW
Qtr10:	Not Reported	Coordsns:	0200N
Coordsew:	2250E	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	HCF
Designee:	Not Reported	Usecodes:	9 L
Driller:	71	Pumpinst:	71
Pidate:	06/04/92	Statute:	6023
Statcode:	Not Reported	Statdate:	//
Npdate:	12/04/92	Wadate:	06/04/92
Trancode:	NP	Trandate:	12/04/92
Sadate:	05/28/92	Sbudate:	//
Amdate:	//	Exdate:	//
Abrrdate:	//	Abcodate:	//
Abreq:	N		
Acreft:	1		
Tperf:	0020	Bperf:	0040
Caseno:	Not Reported		
Yield:	2.5		
Depth:	45		
Level 1:	29		
Elev:	0		
Acreirr:	0		
Comment 1:	Not Reported		
Meter:	N		
Wellxref:	022944R	Sb5cmp:	//

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sb5use:	//	Ident:	00000
Wcdate:	05/22/92	Pcdate:	05/28/92
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	LMD		
Pyield:	15		
Pdepth:	45		
Pacref:	1		
Filler:	Not Reported	App type:	Not Reported
Well type:	E	Valid well:	Y
Parcel:	0		
Ex notice:	//	Wndate:	//
Utm x:	535108.2		
Utm y:	4281186.7		
Loc source:	Spotted from section lines	Site id:	CO3000000149075

A3
SSW
1/4 - 1/2 Mile
Lower

CO WELLS CO3000000385471

Receipt:	9080827		
Division:	2		
County:	21		
Permitno:	22944		
Permitsuf:	F	Permitrpl:	Not Reported
Activity:	Canceled well permit. Code and date also entered to status code and date fields.		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	KANE ALEXANDER
Address:	PO BOX 218		
Address2:	Not Reported		
City:	FOUNTAIN	State:	CO
Zip1:	80817	Zip2:	Not Reported
Phone:	Not Reported	Pm:	S
Range:	0640W	Township:	160S
Section:	07	Seca:	Not Reported
Qtr160:	NE	Qtr40:	NW
Qtr10:	Not Reported	Coordsns:	0200N
Coordsew:	2250E	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	Not Reported
Designee:	Not Reported	Usecodes:	Crop Irrigation
Driller:	Not Reported	Pumpinst:	Not Reported
Pidate:	//	Statute:	Not Reported
Statcode:	CA	Statdate:	12/04/92
Npdate:	//	Wadate:	//
Trancode:	CA	Trandate:	12/04/92
Sadate:	12/31/17	Sbudate:	//
Amdate:	//	Exdate:	//
Abrrdate:	//	Abcodate:	//
Abreq:	N		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Acreft:	0		
Tperf:	0000	Bperf:	0000
Caseno:	Not Reported		
Yield:	5		
Depth:	40		
Level 1:	0		
Elev:	0		
Acreirr:	0		
Comment 1:	Not Reported		
Meter:	N		
Wellxref:	167642	Sb5cmp:	//
Sb5use:	//	Ident:	00000
Wcdate:	//	Pcdate:	//
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	LMD		
Pyield:	0		
Pdepth:	0		
Pacref:	0		
Filler:	Not Reported	App type:	Not Reported
Well type:	N	Valid well:	N
Parcel:	0		
Ex notice:	//	Wndate:	//
Utm x:	535108.2		
Utm y:	4281186.7		
Loc source:	Spotted from section lines	Site id:	CO3000000385471

4
NNE
1/4 - 1/2 Mile
Higher

CO WELLS CO300000052854

Receipt:	0046440		
Division:	2		
County:	21		
Permitno:	46440		
Permitsuf:	MH	Permitrpl:	Not Reported
Activity:	Monitoring hole notice of construction. MH file number and date entered in permit number and permit date fields.		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	KANE RANCH ESTATE
Address:	C/O CASEY RESOURCES INC		
Address2:	4890 KIPLING ST		
City:	WHEATRIDGE	State:	CO
Zip1:	80033	Zip2:	Not Reported
Phone:	3039407800	Pm:	S
Range:	0640W	Township:	160S
Section:	06	Seca:	Not Reported
Qtr160:	NE	Qtr40:	SE
Qtr10:	Not Reported	Coordsns:	0000
Coordsew:	0000	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Designee:	Not Reported	Usecodes:	Q M
Driller:	AUTH	Pumpinst:	Not Reported
Pidate:	//	Statute:	Not Reported
Statcode:	Not Reported	Statdate:	//
Npdate:	07/11/06	Wadate:	//
Trancode:	MH	Trandate:	07/12/06
Sadate:	//	Sbudate:	//
Amdate:	//	Exdate:	10/09/06
Abrrdate:	//	Abcodate:	//
Abreq:	N		
Acreft:	0		
Tperf:	0000	Bperf:	0000
Caseno:	Not Reported		
Yield:	0		
Depth:	0		
Level 1:	0		
Elev:	0		
Acreirr:	0		
Comment 1:	4 holes - 11855 Squirrel Creek Rd- Fountain, CO		
Meter:	N		
Wellxref:	Not Reported	Sb5cmp:	//
Sb5use:	//	Ident:	00000
Wcdate:	//	Pcdate:	//
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	AOT		
Pyield:	0		
Pdepth:	15		
Pacraft:	0		
Filler:	Not Reported	App type:	Not Reported
Well type:	Not Reported	Valid well:	N
Parcel:	0		
Ex notice:	//	Wndate:	//
Utm x:	535579.8		
Utm y:	4282265		
Loc source:	Spotted from quarters	Site id:	CO3000000052854

5
ENE
1/4 - 1/2 Mile
Lower

CO WELLS CO3000000383251

Receipt:	9078602		
Division:	2		
County:	21		
Permitno:	4058		
Permitsuf:	Not Reported	Permitrpl:	Not Reported
Activity:	Not Reported		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	CO BOARD OF LAND COMMISSIONERS
Address:	1313 SHERMAN ST. RM 620		
Address2:	Not Reported		
City:	DENVER	State:	CO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip1:	80203	Zip2:	Not Reported
Phone:	Not Reported	Pm:	S
Range:	0640W	Township:	160S
Section:	05	Seca:	Not Reported
Qtr160:	SW	Qtr40:	NW
Qtr10:	Not Reported	Coordsns:	0000
Coordsew:	0000	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	Not Reported
Designee:	Not Reported	Usecodes:	LIVESTOCK
Driller:	Not Reported	Pumpinst:	Not Reported
Pidate:	//	Statute:	Not Reported
Statcode:	Not Reported	Statdate:	//
Npdate:	//	Wadate:	//
Trancode:	RC	Trandate:	06/30/95
Sadate:	08/07/59	Sbudate:	//
Amdate:	//	Exdate:	//
Abrrdate:	//	Abcodate:	//
Abreq:	N		
Acreft:	0		
Tperf:	0000	Bperf:	0000
Caseno:	Not Reported		
Yield:	15		
Depth:	41		
Level 1:	20		
Elev:	0		
Acreirr:	0		
Comment 1:	Not Reported		
Meter:	N		
Wellxref:	Not Reported	Sb5cmp:	//
Sb5use:	//	Ident:	00000
Wcdate:	//	Pcdate:	//
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	JLV		
Pyield:	0		
Pdepth:	0		
Pacreft:	0		
Filler:	Not Reported	App type:	Not Reported
Well type:	E	Valid well:	Y
Parcel:	0		
Ex notice:	//	Wndate:	//
Utm x:	535998.6		
Utm y:	4281858.2		
Loc source:	Spotted from quarters	Site id:	CO3000000383251

**B6
NW
1/4 - 1/2 Mile
Lower**

CO WELLS CO3000000446365

Receipt:	C210241		
Division:	2		
County:	21		
Permitno:	241		
Permitsuf:	WCB	Permitrpl:	Not Reported
Activity:	Well permit issued. Permit number and issue date entered in permit number and permit date fields.		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	KANE ANDY
Address:	Not Reported		
Address2:	Not Reported		
City:	Not Reported	State:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip1:	Not Reported	Zip2:	Not Reported
Phone:	Not Reported	Pm:	S
Range:	0640W	Township:	160S
Section:	06	Seca:	Not Reported
Qtr160:	Not Reported	Qtr40:	Not Reported
Qtr10:	Not Reported	Coordsns:	0000
Coordsew:	0000	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	Not Reported
Designee:	Not Reported	Usecodes:	Not Reported
Driller:	69	Pumpinst:	Not Reported
Pidate:	//	Statute:	Not Reported
Statcode:	Not Reported	Statdate:	//
Npdate:	01/13/56	Wadate:	//
Trancode:	Not Reported	Trandate:	//
Sadate:	//	Sbudate:	//
Amdate:	//	Exdate:	//
Abrrdate:	//	Abcodate:	//
Abreq:	N		
Acreft:	0	Bperf:	0000
Tperf:	0000		
Caseno:	Not Reported		
Yield:	0		
Depth:	25		
Level 1:	0		
Elev:	0		
Acreirr:	0		
Comment 1:	Not Reported		
Meter:	N		
Wellxref:	Not Reported	Sb5cmp:	//
Sb5use:	//	Ident:	00000
Wcdate:	//	Pcdate:	//
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	Not Reported		
Pyield:	0		
Pdepth:	0		
Pacreft:	0		
Filler:	Not Reported	App type:	Not Reported
Well type:	Not Reported	Valid well:	N
Parcel:	0		
Ex notice:	//	Wndate:	//
Utm x:	534906.1		
Utm y:	4282057.5		
Loc source:	Spotted from quarters	Site id:	CO3000000446365

**B7
NW
1/4 - 1/2 Mile
Lower**

CO WELLS CO3000000446380

Receipt:	C210256		
Division:	2		
County:	21		
Permitno:	256		
Permitsuf:	WCB	Permitrpl:	Not Reported

Activity:	Well permit issued. Permit number and issue date entered in permit number and permit date fields.		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	KANE ANDY
Address:	Not Reported		
Address2:	Not Reported		
City:	Not Reported	State:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip1:	Not Reported	Zip2:	Not Reported
Phone:	Not Reported	Pm:	S
Range:	0640W	Township:	160S
Section:	06	Seca:	Not Reported
Qtr160:	Not Reported	Qtr40:	Not Reported
Qtr10:	Not Reported	Coordsns:	0000
Coordsew:	0000	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	Not Reported
Designee:	Not Reported	Usecodes:	Not Reported
Driller:	69	Pumpinst:	Not Reported
Pidate:	//	Statute:	Not Reported
Statcode:	Not Reported	Statdate:	//
Npdate:	02/03/56	Wadate:	//
Trancode:	Not Reported	Trandate:	//
Sadate:	//	Sbudate:	//
Amdate:	//	Exdate:	//
Abrrdate:	//	Abcodate:	//
Abreq:	N		
Acreft:	0	Bperf:	0000
Tperf:	0000		
Caseno:	Not Reported		
Yield:	0		
Depth:	22		
Level 1:	0		
Elev:	0		
Acreirr:	0		
Comment 1:	Not Reported		
Meter:	N		
Wellxref:	Not Reported	Sb5cmp:	//
Sb5use:	//	Ident:	00000
Wcdate:	//	Pcdate:	//
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	Not Reported		
Pyield:	0		
Pdepth:	0		
Pacref:	0		
Filler:	Not Reported	App type:	Not Reported
Well type:	Not Reported	Valid well:	N
Parcel:	0		
Ex notice:	//	Wndate:	//
Utm x:	534906.1		
Utm y:	4282057.5		
Loc source:	Spotted from quarters	Site id:	CO3000000446380

8

SSW
1/4 - 1/2 Mile
Lower

CO WELLS CO3000000098105

Receipt:	0244508B		
Division:	2		
County:	21		
Permitno:	22944		
Permitsuf:	F	Permitrpl:	R
Activity:	Well permit issued. Permit number and issue date entered in permit number and permit date fields.		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	KANE A
Address:	Not Reported		
Address2:	Not Reported		
City:	FOUNTAIN	State:	CO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip1:	80817	Zip2:	Not Reported
Phone:	Not Reported	Pm:	S
Range:	0640W	Township:	160S
Section:	07	Seca:	Not Reported
Qtr160:	NE	Qtr40:	NW
Qtr10:	Not Reported	Coordsns:	0000
Coordsew:	0000	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	Not Reported
Designee:	Not Reported	Usecodes:	89
Driller:	1096	Pumpinst:	Not Reported
Pidate:	//	Statute:	Not Reported
Statcode:	Not Reported	Statdate:	//
Npdate:	06/07/84	Wadate:	//
Trancode:	RC	Trandate:	10/31/03
Sadate:	//	Sbudate:	//
Amdate:	//	Exdate:	//
Abrrdate:	//	Abcodate:	//
Abreq:	N		
Acreft:	0	Bperf:	0000
Tperf:	0000		
Caseno:	Not Reported		
Yield:	0		
Depth:	0		
Level 1:	0		
Elev:	0		
Acreirr:	0		
Comment 1:	Not Reported		
Meter:	N		
Wellxref:	022944F	Sb5cmp:	//
Sb5use:	//	Ident:	00000
Wcdate:	//	Pcdate:	//
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	LJW		
Pyield:	0		
Pdepth:	0		
Pacreft:	0		
Filler:	Not Reported	App type:	Not Reported
Well type:	E	Valid well:	N
Parcel:	0		
Ex notice:	//	Wndate:	//
Utm x:	535127.7		
Utm y:	4281047.2		
Loc source:	Spotted from quarters	Site id:	CO3000000098105

C9
North
1/4 - 1/2 Mile
Lower

CO WELLS CO3000000183093

Receipt:	0393677		
Division:	2		
County:	21		
Permitno:	192250		
Permitsuf:	Not Reported	Permitrpl:	Not Reported
Activity:	Well permit issued. Permit number and issue date entered in permit number and permit date fields.		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	KANE ALEXANDER F
Address:	BPX 219		
Address2:	Not Reported		
City:	FOUNTAIN	State:	CO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip1:	80817	Zip2:	Not Reported
Phone:	7193825100	Pm:	S
Range:	0640W	Township:	160S
Section:	06	Seca:	Not Reported
Qtr160:	NE	Qtr40:	SW
Qtr10:	Not Reported	Coordsns:	1600N
Coordsew:	1650E	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	DWM
Designee:	Not Reported	Usecodes:	81
Driller:	LR	Pumpinst:	Not Reported
Pidate:	//	Statute:	6025
Statcode:	Not Reported	Statdate:	//
Npdate:	12/29/95	Wadate:	//
Trancode:	NP	Trandate:	12/29/95
Sadate:	//	Sbudate:	//
Amdate:	//	Exdate:	//
Abrrdate:	//	Abcodate:	//
Abreq:	N		
Acreft:	1	Bperf:	0000
Tperf:	0000		
Caseno:	Not Reported		
Yield:	15		
Depth:	35		
Level 1:	0		
Elev:	0		
Acreirr:	0		
Comment 1:	1ST USE 1940		
Meter:	N		
Wellxref:	022943F	Sb5cmp:	//
Sb5use:	//	Ident:	00000
Wcdate:	//	Pcdate:	//
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	LMD		
Pyield:	0		
Pdepth:	0		
Pacref:	0		
Filler:	Not Reported	App type:	Not Reported
Well type:	E	Valid well:	Y
Parcel:	0		
Ex notice:	//	Wndate:	//
Utm x:	535301.8		
Utm y:	4282388.2		
Loc source:	Spotted from section lines	Site id:	CO3000000183093

**C10
North
1/4 - 1/2 Mile
Lower**

CO WELLS CO3000000385470

Receipt:	9080826		
Division:	2		
County:	21		
Permitno:	22943		
Permitsuf:	F	Permitrpl:	Not Reported

Activity:	Canceled well permit. Code and date also entered to status code and date fields.		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	KANE ALEXANDER
Address:	PO BOX 218		
Address2:	Not Reported		
City:	FOUNTAIN	State:	CO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip1:	80817	Zip2:	Not Reported
Phone:	Not Reported	Pm:	S
Range:	0640W	Township:	160S
Section:	06	Seca:	Not Reported
Qtr160:	NE	Qtr40:	SW
Qtr10:	Not Reported	Coordsns:	1600N
Coordsew:	1650E	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	Not Reported
Designee:	Not Reported	Usecodes:	Crop Irrigation
Driller:	Not Reported	Pumpinst:	Not Reported
Pidate:	//	Statute:	Not Reported
Statcode:	CA	Statdate:	12/28/95
Npdate:	//	Wadate:	//
Trancode:	CA	Trandate:	12/29/95
Sadate:	12/31/17	Sbudate:	//
Amdate:	//	Exdate:	//
Abrrdate:	//	Abcodate:	//
Abreq:	N		
Acreft:	0		
Tperf:	0000	Bperf:	0000
Caseno:	Not Reported		
Yield:	30		
Depth:	19		
Level 1:	0		
Elev:	0		
Acreirr:	0		
Comment 1:	Not Reported		
Meter:	N		
Wellxref:	192250	Sb5cmp:	//
Sb5use:	//	Ident:	00000
Wcdate:	//	Pcdate:	//
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	LMD		
Pyield:	0		
Pdepth:	0		
Pacreft:	0		
Filler:	Not Reported	App type:	Not Reported
Well type:	N	Valid well:	N
Parcel:	0		
Ex notice:	//	Wndate:	//
Utm x:	535301.8		
Utm y:	4282388.2		
Loc source:	Spotted from section lines	Site id:	CO3000000385470

**C11
North
1/4 - 1/2 Mile
Lower**

CO WELLS CO3000000385469

Receipt:	9080825		
Division:	2		
County:	21		
Permitno:	22942		
Permitsuf:	F	Permitrpl:	Not Reported

Activity:	Canceled well permit. Code and date also entered to status code and date fields.		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	KANE ALEXANDER
Address:	PO BOX 218		
Address2:	Not Reported		
City:	FOUNTAIN	State:	CO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip1:	80817	Zip2:	Not Reported
Phone:	Not Reported	Pm:	S
Range:	0640W	Township:	160S
Section:	06	Seca:	Not Reported
Qtr160:	NE	Qtr40:	SW
Qtr10:	Not Reported	Coordsns:	1550N
Coordsew:	1450E	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	Not Reported
Designee:	Not Reported	Usecodes:	Crop Irrigation
Driller:	Not Reported	Pumpinst:	Not Reported
Pidate:	//	Statute:	Not Reported
Statcode:	CA	Statdate:	12/28/95
Npdate:	//	Wadate:	//
Trancode:	CA	Trandate:	12/29/95
Sadate:	12/31/17	Sbudate:	//
Amdate:	//	Exdate:	//
Abrrdate:	//	Abcodate:	//
Abreq:	N		
Acreft:	0		
Tperf:	0000	Bperf:	0000
Caseno:	Not Reported		
Yield:	30		
Depth:	18		
Level 1:	0		
Elev:	0		
Acreirr:	0		
Comment 1:	Not Reported		
Meter:	N		
Wellxref:	192251	Sb5cmp:	//
Sb5use:	//	Ident:	00000
Wcdate:	//	Pcdate:	//
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	LMD		
Pyield:	0		
Pdepth:	0		
Pacref:	0		
Filler:	Not Reported	App type:	Not Reported
Well type:	N	Valid well:	N
Parcel:	0		
Ex notice:	//	Wndate:	//
Utm x:	535362.8		
Utm y:	4282403.7		
Loc source:	Spotted from section lines	Site id:	CO3000000385469

C12
North
1/4 - 1/2 Mile
Lower

CO WELLS CO3000000183095

Receipt:	0393679		
Division:	2		
County:	21		
Permitno:	192251		
Permitsuf:	Not Reported	Permitrpl:	Not Reported

Activity:	Well permit issued. Permit number and issue date entered in permit number and permit date fields.		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	KANE ALEXANDER F
Address:	BPX 219		
Address2:	Not Reported		
City:	FOUNTAIN	State:	CO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip1:	80817	Zip2:	Not Reported
Phone:	7193825100	Pm:	S
Range:	0640W	Township:	160S
Section:	06	Seca:	Not Reported
Qtr160:	NE	Qtr40:	SW
Qtr10:	Not Reported	Coordsns:	1550N
Coordsew:	1450E	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	DWM
Designee:	Not Reported	Usecodes:	81
Driller:	LR	Pumpinst:	Not Reported
Pidate:	//	Statute:	6025
Statcode:	Not Reported	Statdate:	//
Npdate:	12/29/95	Wadate:	//
Trancode:	NP	Trandate:	12/29/95
Sadate:	//	Sbudate:	//
Amdate:	//	Exdate:	//
Abrrdate:	//	Abcodate:	//
Abreq:	N		
Acreft:	1	Bperf:	0000
Tperf:	0000		
Caseno:	Not Reported		
Yield:	15		
Depth:	30		
Level 1:	0		
Elev:	0		
Acreirr:	0		
Comment 1:	1ST USE 1940		
Meter:	N		
Wellxref:	022942F	Sb5cmp:	//
Sb5use:	//	Ident:	00000
Wcdate:	//	Pcdate:	//
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	LMD		
Pyield:	0		
Pdepth:	0		
Pacref:	0		
Filler:	Not Reported	App type:	Not Reported
Well type:	E	Valid well:	Y
Parcel:	0		
Ex notice:	//	Wndate:	//
Utm x:	535362.8		
Utm y:	4282403.7		
Loc source:	Spotted from section lines	Site id:	CO3000000183095

C13
North
1/4 - 1/2 Mile
Lower

FED USGS USGS2953662

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	384124104353501
Site name:	SC01606406ACA	EDR Site id:	USGS2953662
Latitude:	384124	Dec lat:	38.68999722
Longitude:	1043535	Coor meth:	M
Dec lon:	-104.59358096	Latlong datum:	NAD27
Coor accr:	F	District:	08
Dec latlong datum:	NAD83	County:	041
State:	08	Land net:	NESWNES006T0016SR0064WS
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Fountain. Colorado. Area = 917 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	ALLUVIUM,FLOOD PLAIN		
Well depth:	20.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1982-03-02	Ground water data end date:	1988-03-23
Ground water data count:	7		

Ground-water levels, Number of Measurements: 7

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1988-03-23	7.75		1987-03-12	7.70	
1986-03-26	7.91		1985-03-25	7.73	
1984-03-26	8.33		1983-04-11	7.74	
1982-03-02	8.93				

**D14
North
1/4 - 1/2 Mile
Lower**

CO WELLS CO3000000273711

Receipt:	0536968F		
Division:	2		
County:	21		
Permitno:	262641		
Permitsuf:	Not Reported	Permitrpl:	Not Reported
Activity:	Well permit issued. Permit number and issue date entered in permit number and permit date fields.		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	KANE ALEXANDER S ESTATE OF
Address:	11855 SQUIRREL CREEK RD		
Address2:	Not Reported		
City:	FOUNTAIN	State:	CO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip1:	80817	Zip2:	Not Reported
Phone:	7193820165	Pm:	S
Range:	0640W	Township:	160S
Section:	06	Seca:	Not Reported
Qtr160:	NE	Qtr40:	NE
Qtr10:	Not Reported	Coordsns:	1360N
Coordsew:	1276E	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	CDK
Designee:	MW-07	Usecodes:	Q M
Driller:	LIC	Pumpinst:	Not Reported
Pidate:	//	Statute:	6023
Statcode:	Not Reported	Statdate:	//
Npdate:	04/04/05	Wadate:	03/31/05
Trancode:	NP	Trandate:	04/04/05
Sadate:	//	Sbudate:	//
Amdate:	//	Exdate:	//
Abrrdate:	//	Abcodate:	//
Abreq:	N		
Acreft:	0		
Tperf:	0005	Bperf:	0016
Caseno:	Not Reported		
Yield:	0		
Depth:	16		
Level 1:	0		
Elev:	0		
Acreirr:	0		
Comment 1:	Not Reported		
Meter:	N		
Wellxref:	043225MH	Sb5cmp:	//
Sb5use:	//	Ident:	00000
Wcdate:	01/02/04	Pcdate:	//
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	CDK		
Pyield:	0		
Pdepth:	20		
Pacreft:	0		
Filler:	Not Reported	App type:	Not Reported
Well type:	Not Reported	Valid well:	Y
Parcel:	0		
Ex notice:	//	Wndate:	//
Utm x:	535416.4		
Utm y:	4282461.5		
Loc source:	Spotted from section lines	Site id:	CO3000000273711

**D15
North
1/4 - 1/2 Mile
Lower**

CO WELLS CO3000000273710

Receipt:	0536968E		
Division:	2		
County:	21		
Permitno:	262640		
Permitsuf:	Not Reported	Permitrpl:	Not Reported
Activity:	Well permit issued. Permit number and issue date entered in permit number and permit date fields.		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	KANE ALEXANDER S ESTATE OF
Address:	11855 SQUIRREL CREEK RD		
Address2:	Not Reported		
City:	FOUNTAIN	State:	CO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip1:	80817	Zip2:	Not Reported
Phone:	7193820165	Pm:	S
Range:	0640W	Township:	160S
Section:	06	Seca:	Not Reported
Qtr160:	NE	Qtr40:	NE
Qtr10:	Not Reported	Coordsns:	1260N
Coordsew:	1216E	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	CDK
Designee:	MW-06	Usecodes:	Q M
Driller:	LIC	Pumpinst:	Not Reported
Pidate:	//	Statute:	6023
Statcode:	Not Reported	Statdate:	//
Npdate:	04/04/05	Wadate:	03/31/05
Trancode:	NP	Trandate:	04/04/05
Sadate:	//	Sbudate:	//
Amdate:	//	Exdate:	//
Abrrdate:	//	Abcodate:	//
Abreq:	N		
Acreft:	0		
Tperf:	0007	Bperf:	0013
Caseno:	Not Reported		
Yield:	0		
Depth:	13		
Level 1:	0		
Elev:	0		
Acreirr:	0		
Comment 1:	Not Reported		
Meter:	N		
Wellxref:	043225MH	Sb5cmp:	//
Sb5use:	//	Ident:	00000
Wcdate:	03/23/04	Pcdate:	//
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	CDK		
Pyield:	0		
Pdepth:	12		
Pacreft:	0		
Filler:	Not Reported	App type:	Not Reported
Well type:	Not Reported	Valid well:	Y
Parcel:	0		
Ex notice:	//	Wndate:	//
Utm x:	535434.9		
Utm y:	4282492		
Loc source:	Spotted from section lines	Site id:	CO3000000273710

**D16
North
1/2 - 1 Mile
Lower**

CO WELLS CO3000000273708

Receipt:	0536968C		
Division:	2		
County:	21		
Permitno:	262638		
Permitsuf:	Not Reported	Permitrpl:	Not Reported
Activity:	Well permit issued. Permit number and issue date entered in permit number and permit date fields.		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	KANE ALEXANDER S ESTATE OF
Address:	11855 SQUIRREL CREEK RD		
Address2:	Not Reported		
City:	FOUNTAIN	State:	CO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip1:	80817	Zip2:	Not Reported
Phone:	7193820165	Pm:	S
Range:	0640W	Township:	160S
Section:	06	Seca:	Not Reported
Qtr160:	NE	Qtr40:	NE
Qtr10:	Not Reported	Coordsns:	1240N
Coordsew:	1057E	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	CDK
Designee:	MW-03	Usecodes:	Q M
Driller:	LIC	Pumpinst:	Not Reported
Pidate:	//	Statute:	6023
Statcode:	Not Reported	Statdate:	//
Npdate:	04/04/05	Wadate:	03/31/05
Trancode:	NP	Trandate:	04/04/05
Sadate:	//	Sbudate:	//
Amdate:	//	Exdate:	//
Abrrdate:	//	Abcodate:	//
Abreq:	N		
Acreft:	0		
Tperf:	0005	Bperf:	0010
Caseno:	Not Reported		
Yield:	0		
Depth:	10		
Level 1:	0		
Elev:	0		
Acreirr:	0		
Comment 1:	Not Reported		
Meter:	N		
Wellxref:	043225MH	Sb5cmp:	//
Sb5use:	//	Ident:	00000
Wcdate:	04/02/04	Pcdate:	//
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	CDK		
Pyield:	0		
Pdepth:	14		
Pacreft:	0		
Filler:	Not Reported	App type:	Not Reported
Well type:	Not Reported	Valid well:	Y
Parcel:	0		
Ex notice:	//	Wndate:	//
Utm x:	535483.4		
Utm y:	4282498.5		
Loc source:	Spotted from section lines	Site id:	CO3000000273708

**D17
North
1/2 - 1 Mile
Lower**

CO WELLS CO3000000273709

Receipt:	0536968D		
Division:	2		
County:	21		
Permitno:	262639		
Permitsuf:	Not Reported	Permitrpl:	Not Reported
Activity:	Well permit issued. Permit number and issue date entered in permit number and permit date fields.		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	KANE ALEXANDER S ESTATE OF
Address:	11855 SQUIRREL CREEK RD		
Address2:	Not Reported		
City:	FOUNTAIN	State:	CO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip1:	80817	Zip2:	Not Reported
Phone:	7193820165	Pm:	S
Range:	0640W	Township:	160S
Section:	06	Seca:	Not Reported
Qtr160:	NE	Qtr40:	NE
Qtr10:	Not Reported	Coordsns:	1225N
Coordsew:	1096E	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	CDK
Designee:	MW-05	Usecodes:	Q M
Driller:	LIC	Pumpinst:	Not Reported
Pidate:	//	Statute:	6023
Statcode:	Not Reported	Statdate:	//
Npdate:	04/04/05	Wadate:	03/31/05
Trancode:	NP	Trandate:	04/04/05
Sadate:	//	Sbudate:	//
Amdate:	//	Exdate:	//
Abrrdate:	//	Abcodate:	//
Abreq:	N		
Acreft:	0	Bperf:	0012
Tperf:	0006		
Caseno:	Not Reported		
Yield:	0		
Depth:	12		
Level 1:	0		
Elev:	0		
Acreirr:	0		
Comment 1:	Not Reported		
Meter:	N		
Wellxref:	043225MH	Sb5cmp:	//
Sb5use:	//	Ident:	00000
Wcdate:	03/23/04	Pcdate:	//
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	CDK		
Pyield:	0		
Pdepth:	11		
Pacreft:	0		
Filler:	Not Reported	App type:	Not Reported
Well type:	Not Reported	Valid well:	Y
Parcel:	0		
Ex notice:	//	Wndate:	//
Utm x:	535471.6		
Utm y:	4282503		
Loc source:	Spotted from section lines	Site id:	CO3000000273709

**D18
North
1/2 - 1 Mile
Lower**

CO WELLS CO3000000273707

Receipt:	0536968B		
Division:	2		
County:	21		
Permitno:	262637		
Permitsuf:	Not Reported	Permitrpl:	Not Reported
Activity:	Well permit issued. Permit number and issue date entered in permit number and permit date fields.		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	KANE ALEXANDER S ESTATE OF
Address:	11855 SQUIRREL CREEK RD		
Address2:	Not Reported		
City:	FOUNTAIN	State:	CO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip1:	80817	Zip2:	Not Reported
Phone:	7193820165	Pm:	S
Range:	0640W	Township:	160S
Section:	06	Seca:	Not Reported
Qtr160:	NE	Qtr40:	NE
Qtr10:	Not Reported	Coordsns:	1220N
Coordsew:	1041E	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	CDK
Designee:	MW-02	Usecodes:	Q M
Driller:	LIC	Pumpinst:	Not Reported
Pidate:	//	Statute:	6023
Statcode:	Not Reported	Statdate:	//
Npdate:	04/04/05	Wadate:	03/31/05
Trancode:	NP	Trandate:	04/04/05
Sadate:	//	Sbudate:	//
Amdate:	//	Exdate:	//
Abrrdate:	//	Abcodate:	//
Abreq:	N		
Acreft:	0	Bperf:	0013
Tperf:	0008		
Caseno:	Not Reported		
Yield:	0		
Depth:	13		
Level 1:	0		
Elev:	0		
Acreirr:	0		
Comment 1:	Not Reported		
Meter:	N		
Wellxref:	043225MH	Sb5cmp:	//
Sb5use:	//	Ident:	00000
Wcdate:	04/02/04	Pcdate:	//
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	CDK		
Pyield:	0		
Pdepth:	14		
Pacref:	0		
Filler:	Not Reported	App type:	Not Reported
Well type:	Not Reported	Valid well:	Y
Parcel:	0		
Ex notice:	//	Wndate:	//
Utm x:	535488.4		
Utm y:	4282504.5		
Loc source:	Spotted from section lines	Site id:	CO3000000273707

**E19
ENE
1/2 - 1 Mile
Lower**

CO WELLS CO3000000017117

Receipt: 0018361
 Division: 2
 County: 21
 Permitno: 4058
 Permitsuf: Not Reported

Permitrpl: A

Activity: Well permit issued. Permit number and issue date entered in permit number and permit date fields.

Water district: 10 Basin: 00
 Mgmt District: 00 Name: CO BOARD OF LAND COMMISSIONERS
 Address: 1313 SHERMAN ST. RM 620
 Address2: Not Reported
 City: DENVER State: CO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip1:	80203	Zip2:	Not Reported
Phone:	Not Reported	Pm:	S
Range:	0640W	Township:	160S
Section:	05	Seca:	Not Reported
Qtr160:	SW	Qtr40:	NW
Qtr10:	Not Reported	Coordsns:	3000N
Coordsew:	1286W	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	DWM
Designee:	Not Reported	Usecodes:	LIVESTOCK
Driller:	71	Pumpinst:	71
Pidate:	08/10/92	Statute:	Not Reported
Statcode:	Not Reported	Statdate:	/ /
Npdate:	12/04/91	Wadate:	08/10/92
Trancode:	RC	Trandate:	06/30/95
Sadate:	/ /	Sbudate:	/ /
Amdate:	/ /	Exdate:	/ /
Abrrdate:	/ /	Abcodate:	/ /
Abreq:	N		
Acreft:	0	Bperf:	0040
Tperf:	0018		
Caseno:	Not Reported		
Yield:	15		
Depth:	40		
Level 1:	19		
Elev:	0		
Acreirr:	0		
Comment 1:	91370VE		
Meter:	N		
Wellxref:	004058	Sb5cmp:	/ /
Sb5use:	/ /	Ident:	00000
Wcdate:	09/17/91	Pcdate:	09/17/91
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	JLV		
Pyield:	0		
Pdepth:	0		
Pacreft:	0		
Filler:	Not Reported	App type:	Not Reported
Well type:	E	Valid well:	Y
Parcel:	0		
Ex notice:	/ /	Wndate:	/ /
Utm x:	536192.9		
Utm y:	4281963.2		
Loc source:	Spotted from section lines	Site id:	CO3000000017117

**E20
ENE
1/2 - 1 Mile
Lower**

CO WELLS CO3000000016745

Receipt:	0018130		
Division:	2		
County:	21		
Permitno:	91370		
Permitsuf:	VE	Permitrpl:	Not Reported
Activity:	Verbal approval granted to well construction contractor to construct a well without a permit in place (emergency only).		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	CO BOARD OF LAND COMMISSIONERS
Address:	1313 SHERMAN ST. RM 620		
Address2:	Not Reported		
City:	DENVER	State:	CO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip1:	80203	Zip2:	Not Reported
Phone:	Not Reported	Pm:	S
Range:	0640W	Township:	160S
Section:	05	Seca:	Not Reported
Qtr160:	SW	Qtr40:	NW
Qtr10:	Not Reported	Coordsns:	3000N
Coordsew:	1350W	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	Not Reported
Designee:	Not Reported	Usecodes:	LIVESTOCK
Driller:	71	Pumpinst:	Not Reported
Pidate:	//	Statute:	Not Reported
Statcode:	Not Reported	Statdate:	//
Npdate:	09/12/91	Wadate:	//
Trancode:	RC	Trandate:	06/30/95
Sadate:	//	Sbudate:	//
Amdate:	//	Exdate:	//
Abrrdate:	//	Abcodate:	//
Abreq:	N		
Acreft:	0	Bperf:	0000
Tperf:	0000		
Caseno:	Not Reported		
Yield:	0		
Depth:	0		
Level 1:	0		
Elev:	0		
Acreirr:	0		
Comment 1:	Not Reported		
Meter:	N		
Wellxref:	004058	Sb5cmp:	//
Sb5use:	//	Ident:	00000
Wcdate:	//	Pcdate:	//
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	JLV		
Pyield:	0		
Pdepth:	0		
Pacreft:	0		
Filler:	Not Reported	App type:	Not Reported
Well type:	E	Valid well:	N
Parcel:	0		
Ex notice:	//	Wndate:	//
Utm x:	536212.4		
Utm y:	4281963.2		
Loc source:	Spotted from section lines	Site id:	CO3000000016745

**D21
North
1/2 - 1 Mile
Lower**

CO WELLS CO3000000273706

Receipt:	0536968A		
Division:	2		
County:	21		
Permitno:	262636		
Permitsuf:	Not Reported	Permitrpl:	Not Reported
Activity:	Well permit issued. Permit number and issue date entered in permit number and permit date fields.		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	KANE ALEXANDER S ESTATE OF
Address:	11855 SQUIRREL CREEK RD		
Address2:	Not Reported		
City:	FOUNTAIN	State:	CO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip1:	80817	Zip2:	Not Reported
Phone:	7193820165	Pm:	S
Range:	0640W	Township:	160S
Section:	06	Seca:	Not Reported
Qtr160:	NE	Qtr40:	NE
Qtr10:	Not Reported	Coordsns:	1120N
Coordsew:	0991E	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	CDK
Designee:	MW-01	Usecodes:	Q M
Driller:	LIC	Pumpinst:	Not Reported
Pidate:	//	Statute:	6023
Statcode:	Not Reported	Statdate:	//
Npdate:	04/04/05	Wadate:	03/31/05
Trancode:	NP	Trandate:	04/04/05
Sadate:	//	Sbudate:	//
Amdate:	//	Exdate:	//
Abrrdate:	//	Abcodate:	//
Abreq:	N		
Acreft:	0		
Tperf:	0008	Bperf:	0014
Caseno:	Not Reported		
Yield:	0		
Depth:	14		
Level 1:	0		
Elev:	0		
Acreirr:	0		
Comment 1:	Not Reported		
Meter:	N		
Wellxref:	043225MH	Sb5cmp:	//
Sb5use:	//	Ident:	00000
Wcdate:	04/02/04	Pcdate:	//
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	CDK		
Pyield:	0		
Pdepth:	16		
Pacreft:	0		
Filler:	Not Reported	App type:	Not Reported
Well type:	Not Reported	Valid well:	Y
Parcel:	0		
Ex notice:	//	Wndate:	//
Utm x:	535503.9		
Utm y:	4282535		
Loc source:	Spotted from section lines	Site id:	CO3000000273706

**F22
North
1/2 - 1 Mile
Lower**

CO WELLS CO3000000160720

Receipt:	0361853A		
Division:	2		
County:	21		
Permitno:	22941		
Permitsuf:	F	Permitrpl:	R
Activity:	Well permit issued. Permit number and issue date entered in permit number and permit date fields.		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	KANE ALEXANDER F
Address:	PO BOX 219		
Address2:	Not Reported		
City:	FOUNTAIN	State:	CO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip1:	80817	Zip2:	Not Reported
Phone:	7193825100	Pm:	S
Range:	0640W	Township:	160S
Section:	06	Seca:	Not Reported
Qtr160:	NE	Qtr40:	NW
Qtr10:	Not Reported	Coordsns:	0850N
Coordsew:	1400E	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	HCF
Designee:	#1	Usecodes:	89
Driller:	71	Pumpinst:	71
Pidate:	10/13/93	Statute:	1372
Statcode:	Not Reported	Statdate:	/ /
Npdate:	02/01/94	Wadate:	10/13/93
Trancode:	PI	Trandate:	01/23/95
Sadate:	/ /	Sbudate:	/ /
Amdate:	/ /	Exdate:	02/01/95
Abrrdate:	/ /	Abcodate:	/ /
Abreq:	Y		
Acreft:	0	Bperf:	0035
Tperf:	0015		
Caseno:	W2381		
Yield:	14		
Depth:	35		
Level 1:	11		
Elev:	0		
Acreirr:	0		
Comment 1:	93VE385		
Meter:	Y		
Wellxref:	022941F	Sb5cmp:	/ /
Sb5use:	/ /	Ident:	00000
Wcdate:	09/29/93	Pcdate:	10/05/93
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	JLV		
Pyield:	40		
Pdepth:	0		
Pacreft:	28		
Filler:	Not Reported	App type:	Not Reported
Well type:	E	Valid well:	Y
Parcel:	0		
Ex notice:	/ /	Wndate:	/ /
Utm x:	535379.9		
Utm y:	4282617.2		
Loc source:	Spotted from section lines	Site id:	CO3000000160720

**F23
North
1/2 - 1 Mile
Lower**

CO WELLS CO3000000021301

Receipt:	0021580		
Division:	2		
County:	21		
Permitno:	93385		
Permitsuf:	VE	Permitrpl:	Not Reported

Activity:	Verbal approval granted to well construction contractor to construct a well without a permit in place (emergency only).		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	KANE ALEXANDER F
Address:	PO BOX 219		
Address2:	Not Reported		
City:	FOUNTAIN	State:	CO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip1:	80817	Zip2:	Not Reported
Phone:	7193825100	Pm:	S
Range:	0640W	Township:	160S
Section:	06	Seca:	Not Reported
Qtr160:	NE	Qtr40:	NW
Qtr10:	Not Reported	Coordsns:	0850N
Coordsew:	1400E	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	Not Reported
Designee:	Not Reported	Usecodes:	89
Driller:	71	Pumpinst:	Not Reported
Pidate:	10/13/93	Statute:	Not Reported
Statcode:	Not Reported	Statdate:	/ /
Npdate:	09/23/93	Wadate:	10/13/93
Trancode:	PI	Trandate:	11/04/94
Sadate:	/ /	Sbudate:	/ /
Amdate:	/ /	Exdate:	/ /
Abrrdate:	/ /	Abcodate:	/ /
Abreq:	N		
Acreft:	0	Bperf:	0035
Tperf:	0015		
Caseno:	Not Reported		
Yield:	12		
Depth:	35		
Level 1:	11		
Elev:	0		
Acreirr:	0		
Comment 1:	Not Reported		
Meter:	N		
Wellxref:	022941F	Sb5cmp:	/ /
Sb5use:	/ /	Ident:	00000
Wcdate:	09/29/93	Pcdate:	10/05/93
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	JLV		
Pyield:	0		
Pdepth:	0		
Pacreft:	0		
Filler:	Not Reported	App type:	Not Reported
Well type:	E	Valid well:	N
Parcel:	0		
Ex notice:	/ /	Wndate:	/ /
Utm x:	535379.9		
Utm y:	4282617.2		
Loc source:	Spotted from section lines	Site id:	CO3000000021301

**F24
North
1/2 - 1 Mile
Lower**

CO WELLS CO3000000385468

Receipt:	9080824		
Division:	2		
County:	21		
Permitno:	22941		
Permitsuf:	F	Permitrpl:	Not Reported

Activity:	Canceled well permit. Code and date also entered to status code and date fields.		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	KANE ALEXANDER F
Address:	PO BOX 218		
Address2:	Not Reported		
City:	FOUNTAIN	State:	CO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip1:	80817	Zip2:	Not Reported
Phone:	Not Reported	Pm:	S
Range:	0640W	Township:	160S
Section:	06	Seca:	Not Reported
Qtr160:	NE	Qtr40:	NW
Qtr10:	Not Reported	Coordsns:	0850N
Coordsew:	1400E	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	Not Reported
Designee:	Not Reported	Usecodes:	Crop Irrigation
Driller:	Not Reported	Pumpinst:	Not Reported
Pidate:	//	Statute:	Not Reported
Statcode:	CA	Statdate:	12/28/95
Npdate:	//	Wadate:	//
Trancode:	CA	Trandate:	12/29/95
Sadate:	12/31/17	Sbudate:	//
Amdate:	//	Exdate:	//
Abrrdate:	//	Abcodate:	//
Abreq:	N		
Acreft:	0		
Tperf:	0000	Bperf:	0000
Caseno:	Not Reported		
Yield:	40		
Depth:	21		
Level 1:	0		
Elev:	0		
Acreirr:	5		
Comment 1:	Not Reported		
Meter:	N		
Wellxref:	192249	Sb5cmp:	//
Sb5use:	//	Ident:	00000
Wcdate:	//	Pcdate:	//
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	LMD		
Pyield:	0		
Pdepth:	0		
Pacreft:	0		
Filler:	Not Reported	App type:	Not Reported
Well type:	N	Valid well:	N
Parcel:	0		
Ex notice:	//	Wndate:	//
Utm x:	535379.9		
Utm y:	4282617.2		
Loc source:	Spotted from section lines	Site id:	CO3000000385468

**F25
North
1/2 - 1 Mile
Lower**

CO WELLS CO3000000182309

Receipt:	0392427		
Division:	2		
County:	21		
Permitno:	192249		
Permitsuf:	Not Reported	Permitrpl:	Not Reported
Activity:	Well permit issued. Permit number and issue date entered in permit number and permit date fields.		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	KANE ALEXANDER F
Address:	PO BOX 219		
Address2:	Not Reported		
City:	FOUNTAIN	State:	CO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip1:	80817	Zip2:	Not Reported
Phone:	7193825100	Pm:	S
Range:	0640W	Township:	160S
Section:	06	Seca:	Not Reported
Qtr160:	NE	Qtr40:	NW
Qtr10:	Not Reported	Coordsns:	0850N
Coordsew:	1400E	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	DWM
Designee:	Not Reported	Usecodes:	81
Driller:	LR	Pumpinst:	Not Reported
Pidate:	//	Statute:	6025
Statcode:	AR	Statdate:	11/30/95
Npdate:	12/29/95	Wadate:	//
Trancode:	NP	Trandate:	12/29/95
Sadate:	//	Sbudate:	//
Amdate:	//	Exdate:	//
Abrrdate:	//	Abcodate:	//
Abreq:	N		
Acreft:	1	Bperf:	0000
Tperf:	0000		
Caseno:	Not Reported		
Yield:	12		
Depth:	35		
Level 1:	0		
Elev:	0		
Acreirr:	0		
Comment 1:	1ST USE 1940		
Meter:	N		
Wellxref:	022941F	Sb5cmp:	//
Sb5use:	//	Ident:	00000
Wcdate:	//	Pcdate:	//
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	LMD		
Pyield:	0		
Pdepth:	0		
Pacref:	0		
Filler:	Not Reported	App type:	Not Reported
Well type:	E	Valid well:	Y
Parcel:	0		
Ex notice:	//	Wndate:	//
Utm x:	535379.9		
Utm y:	4282617.2		
Loc source:	Spotted from section lines	Site id:	CO3000000182309

F26
North
1/2 - 1 Mile
Lower

FED USGS USGS2953663

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	384130104353301
Site name:	SC01606406AAC1	EDR Site id:	USGS2953663
Latitude:	384130	Dec lat:	38.69166387
Longitude:	1043533	Coor meth:	M
Dec lon:	-104.59302537	Latlong datum:	NAD27
Coor accr:	F	District:	08
Dec latlong datum:	NAD83	County:	041
State:	08	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	FOUNTAIN NE		
Altitude:	5630		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Fountain. Colorado. Area = 917 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	1980
Date inventoried:	19830411	Mean greenwich time offset:	MST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	460814300		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1983-04-11	Ground water data end date:	1988-03-23
Ground water data count:	6		

Ground-water levels, Number of Measurements: 6

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1988-03-23	7.83		1987-03-12	7.19	
1986-03-26	6.01				

Note: A nearby site that taps the same aquifer had been pumped recently.

1985-03-25 6.03

Note: The site had been pumped recently.

1984-03-26 6.63

Note: The site had been pumped recently.

1983-04-11 6.22

Note: The site had been pumped recently.

**27
North
1/2 - 1 Mile
Lower**

CO WELLS CO3000000048345

Receipt:	0043225		
Division:	2		
County:	21		
Permitno:	43225		
Permitsuf:	MH	Permitrpl:	Not Reported

Activity:	Monitoring hole notice of construction. MH file number and date entered in permit number and permit date fields.		
Water district:	10	Basin:	00
Mgmt District:	00	Name:	KANE ALEXANDER S ESTATE OF
Address:	C/O ESN ROCKY MOUNTAIN		
Address2:	130 CAPITAL DR #C		
City:	GOLDEN	State:	CO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip1:	80401	Zip2:	Not Reported
Phone:	3032781911	Pm:	S
Range:	0640W	Township:	160S
Section:	06	Seca:	Not Reported
Qtr160:	NE	Qtr40:	NE
Qtr10:	Not Reported	Coordsns:	0000
Coordsew:	0000	Aquifer1:	ALL UNNAMED AQUIFERS
Aquifer2:	Not Reported	Subdiv:	Not Reported
Lot:	Not Reported	Block:	Not Reported
Filing:	Not Reported	Engineer:	RAB
Designee:	Not Reported	Usecodes:	Q M
Driller:	AUTH	Pumpinst:	Not Reported
Pidate:	//	Statute:	Not Reported
Statcode:	Not Reported	Statdate:	//
Npdate:	03/10/04	Wadate:	//
Trancode:	RC	Trandate:	04/04/05
Sadate:	//	Sbudate:	//
Amdate:	//	Exdate:	06/10/04
Abrrdate:	//	Abcodate:	//
Abreq:	N		
Acreft:	0	Bperf:	0000
Tperf:	0000		
Caseno:	Not Reported		
Yield:	0		
Depth:	0		
Level 1:	0		
Elev:	0		
Acreirr:	0		
Comment 1:	See permit numbers: 262637, 262638, 262639, 262640, and 262641. (CD		
Meter:	N		
Wellxref:	262636	Sb5cmp:	//
Sb5use:	//	Ident:	00000
Wcdate:	//	Pcdate:	//
Log:	N	Ctl:	Not Reported
Origin:	Not Reported	Qual:	N
User 1:	CDK		
Pyield:	0		
Pdepth:	25		
Pacreft:	0		
Filler:	Not Reported	App type:	Not Reported
Well type:	Not Reported	Valid well:	N
Parcel:	0		
Ex notice:	01/26/05	Wndate:	//
Utm x:	535582.7		
Utm y:	4282672		
Loc source:	Spotted from quarters	Site id:	CO3000000048345

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
ESE
1/2 - 1 Mile

OIL_GAS COOG60000013933

Link fld:	04106037	Attrib 1:	05-041-06037
Attrib 2:	TEXAS OIL & GAS CORP		
Attrib 3:	1 STATE J		
Symbol:	LO_XX	Sdf key:	04106037&TYPE=WELL
Facility id:	209844		
Facility type:	WELL	Status:	Dry and abandoned
Operator n:	87208		
Well num:	1	Well name:	STATE J
Field code:	99999		
Dist n s:	660		
Dir n s:	S		
Dist e w:	1320		
Dir e w:	W	Qtrqtr:	S2SW
Sec:	5	Twp:	16S
Range:	64W	Meridian:	6
Latn:	38.680918		
Longn:	-104.583852		
Ground ele:	5684		
Utm x:	536196		
Utm y:	4281451		
Locqual:	Planned Footage	Field name:	WILDCAT
Name:	TEXAS OIL & GAS CORP		
Api seq nu:	06037		
Api county:	041	Site id:	COOG60000013933

2
NW
1/2 - 1 Mile

OIL_GAS COOG60000013965

Link fld:	04106026	Attrib 1:	05-041-06026
Attrib 2:	AMOCO PRODUCTION CO.		
Attrib 3:	1 ALEXANDER KANE		
Symbol:	LO_XX	Sdf key:	04106026&TYPE=WELL
Facility id:	209833		
Facility type:	WELL	Status:	Dry and abandoned
Operator n:	2500		
Well num:	1	Well name:	ALEXANDER KANE
Field code:	99999		
Dist n s:	2040		
Dir n s:	N		
Dist e w:	2195		
Dir e w:	W	Qtrqtr:	SENW
Sec:	6	Twp:	16S
Range:	64W	Meridian:	6
Latn:	38.688218		
Longn:	-104.601243		
Ground ele:	5649		
Utm x:	534680		
Utm y:	4282254		
Locqual:	Planned Footage	Field name:	WILDCAT

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Name: AMOCO PRODUCTION CO.
Api seq nu: 06026
Api county: 041 Site id: COOG60000013965

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for EL PASO County: 1

- Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for EL PASO COUNTY, CO

Number of sites tested: 80

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	3.486 pCi/L	68%	32%	0%
Living Area - 2nd Floor	2.167 pCi/L	100%	0%	0%
Basement	5.340 pCi/L	58%	38%	5%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Riparian Vegetation Data

Source: Division of Wildlife

Telephone: 970-416-3360

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Colorado GIS Well Database

Source: Office of State Engineer, Division of Water Resources

Telephone: 303-866-3581

The GIS Well database includes all wells that the Division of Water Resources permits.

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Locations

Source: Department of Natural Resources

Telephone: 303-894-2100

RADON

State Database: CO Radon

Source: Department of Public Health & Environment

Telephone: 303-692-3090

Radon Study in Colorado

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX E

Site Photographs



Photo #1 View of the subject site from the northwest facing southwest



Photo #2 View of the subject site from the northwest facing southeast



Photo #3 View of carcass disposal area



Photo #4 View of concrete disposal area



Photo #5 View of west parcel facing west at eastern gate



Photo #6 View of abandoned oil & gas exploration well on west parcel

APPENDIX F

Credentials

DANIEL TAYLOR

SENIOR STAFF ENVIRONMENTAL SCIENTIST

PROFESSIONAL EXPERIENCE

Mr. Taylor is an environmental scientist in Terracon's Colorado Springs, Colorado office with over six years of experience. He performs environmental site assessments and is responsible for site reconnaissance, site research, regulatory research, regulatory interpretation, and report preparation. Mr. Taylor is also experienced in conducting Phase II ESA's including historical site characterizations, water and soil sampling, soil vapor surveys, heavy equipment operator oversight and site health and safety monitoring and management.

PROJECT EXPERIENCE

- **Phase I Environmental Site Assessments – Southern Colorado**
Managed Phase I ESAs for construction sites, vacant land, agricultural land, commercial facilities, and industrial/manufacturing facilities throughout Colorado.
- **Phase II Environmental Assessments – Southern Colorado**
Performed and managed quarterly groundwater monitoring, soil sampling, and well installation. Mr. Taylor collected soil samples via hand auger, Geoprobe, and hollow/solid stem auger methods. Office responsibilities include investigation and report writing.
- **Telecommunication Facilities – Southern Colorado**
Mr. Taylor coordinates and manages telecommunication projects in the Colorado Springs office. Responsibilities include: Phase I ESAs and NEPA screen reports for Cingular Wireless, Cricket Communications, Sprint/Nextel and T-Mobile.
- **Phase I and II Environmental Site Assessments – California**
Conducted and managed Phase I ESA projects, which included schools, recreation, industrial, commercial, retail, agricultural, and residential areas throughout Southern California. Managed Phase II projects for developers throughout Southern California to determine potential methane generating areas. Conducted field surveys in areas of concern.
- **Asbestos and Lead Based Paint Surveys – Southern Colorado**
Mr. Taylor is a State of Colorado Asbestos Inspector. He has managed and performed asbestos and lead based paint surveys on federal, commercial, industrial, municipal and residential facilities throughout southern Colorado.
- **United States Air Force Academy , Colorado Springs, CO**
Provides project management and field support of groundwater and hazardous waste sampling and analysis for project sites located at the United States Air Force Academy. Responsibilities include coordinating and performing field activities, subcontractor coordination, and data evaluation.
- **Peterson Air Force Base, Colorado Springs, CO**
Mr. Taylor has performed and managed waste water sampling and analysis for project sites located at Peterson Air Force Base. Responsibilities include coordinating and performing field activities, subcontractor coordination, data evaluation and report preparation.

EDUCATION

*Bachelor's of Arts, Geography,
Concentration in Environmental
Policy, San Diego State University*

CERTIFICATIONS

*OSHA Hazwoper 40-Hour Health &
Safety
State of Colorado Asbestos Inspector
OSHA 2-Hour AHERA Asbestos
Awareness Training*

WORK HISTORY

*Terracon Consultants, Environmental
Scientist – 2005 – Present
Petra Geotechnical, Inc., Environmental
Senior Staff Scientist – 2002 - 2005*

LAWRENCE R. KEEFE

PRINCIPAL | OFFICE MANAGER

PROFESSIONAL EXPERIENCE

Mr. Keefe has over 25 years of professional experience in the environmental consulting field, with particular expertise in the area of groundwater investigations, remedial investigations, feasibility studies and hazardous waste site investigations. These have included RCRA facility investigations, Brownfields properties, state Superfund remedial investigation/feasibility studies as well as remedial programs for inactive hazardous waste sites and site remediation for USTs.

Mr. Keefe has developed work plans and procedures for inactive hazardous waste, radioactive wastes and mixed waste sites, including health and safety plans, QA/QC plans and sampling analysis plans. He has designed, constructed and installed computerized datalogger systems for monitoring various hydrogeological parameters. Mr. Keefe also has designed and constructed alternative methods of groundwater monitoring well installations, development and sampling. He has worked extensively with automated groundwater monitoring instrumentation and geotechnical instrumentation.

Mr. Keefe has managed or performed over 800 Phase I and Phase II Environmental Site Assessments for financial institutions, developers and private and public organizations. Properties investigated include commercial, industrial and governmental facilities impacted with petroleum, hazardous and radioactive wastes. Mr. Keefe has developed plans, procedures and protocols for environmental sampling and analysis programs.

PROJECT EXPERIENCE

- **Banning Lewis Ranch Phase 1 ESA– Colorado Springs, Colorado**
Project manager responsible for conducting a Phase I Environmental Site Assessment on the 21,400-acre Banning Lewis Ranch, east of Colorado Springs. The \$55 million sale was one of the largest property sales in the history of Colorado Springs and the largest land sale to take place in the United States in 2001. The site is comprised of numerous ranches, as well as a racetrack and drag strip, dumping areas, gravel pits, railroad lines, underground pipelines, underground storage tanks, and a former gas station. The visual reconnaissance included using GPS to mark the locations of various man-made structures. The project was within one week in order to meet the closing date.
- **Federal Facility Environmental Compliance Audit– Pueblo, Colorado**
Project manager responsible for conducting an environmental compliance audit of the Transportation Technology Center, a 56-square mile US Department of Transportation facility located in Pueblo, Colorado. Audit was conducted in accordance with USEPA guidance and federal Executive Orders.
- **United States Air Force Academy, Colorado Springs, Colorado**
Project manager responsible for a variety of projects conducted for the UASFA including waste disposal facility monitoring, UST investigations, and site assessments.

EDUCATION

*Bachelor of Science,
Environmental Science,
Ashwood University*
*Associate of Arts, Mathematics and
Science, 1981, Onondaga
Community College*
*Electrical Engineering, 1982-1984,
Rochester Institute of
Technology*

REGISTRATIONS

Listed Consultant – Colorado OPS

CERTIFICATIONS

*40-Hour OSHA Hazardous Waste
Site Worker Training*
*Supervisor's Hazardous Waste
Operations and Emergency
Response – General Physics
Corporation*
*USEPA AHERA / Colorado –
Building Inspector*

AFFILIATIONS

*Society of American Military
Engineers, Pikes Peak Post*
*Association of Groundwater
Scientists and Engineers*
*Realtors Commercial Industrial
Society*

WORK HISTORY

*Terracon, Office Manager, 2003 -
present*
*Terracon, Environmental
Department Manager, 2000 -
2003*
*Terracon, Senior Project Manager,
1998-2000*
*The Sear Brown Group, Project
Manager/Senior Environmental
Engineer, 1995-1998*
*Dames & Moore, Project
Manager/Senior Environmental
Scientist, 1981-1995*

PROJECT EXPERIENCE (continued)

- **Compliance Audit, Dry Cleaning Facility, Colorado Springs, CO**
Conducted a compliance audit of dry cleaning facility to determine compliance with federal and state air emission regulations, hazardous material and waste regulations, and general site operations.
- **Compliance Audit, Microelectronics Facility, Colorado Springs, CO**
Conducted a compliance of microelectronics facility to determine compliance with federal and state air emission regulations, hazardous material and waste storage and handling regulations, and general site operations.
- **Macerich Management Company, Various Locations, US**
National client manager for management of asbestos surveys and abatement projects at retail malls located throughout the United States. Responsible for scheduling, overseeing surveys, ensuring quality control and consistency, client interaction, and consolidation of reports.
- **Sampling and Analysis Program for Bethlehem Steel Corporation – Buffalo, New York**
Project manager for sampling and analysis program to support petition to delist waste materials. Managed field activities, data analysis and statistical evaluation of data required as by USEPA. Conducted data usability and validation in accordance with USEPA Region 2 guidelines.
- **Brownfield Site Assessment and Remediation – Rochester, New York**
Project manager and lead investigator for assessment of a former industrial facility under State of New York Brownfield Program. Responsible for development of work plans including Field Sampling Plans, Quality Assurance Plans, and Data Quality Objectives Plan. Conducted data evaluation, assessment, and validation as required by state and USEPA.
- **Fleet Bank ESAs – Hartford, Connecticut**
Project manager for national contract involving environmental assessment studies for real estate transactions (commercial and industrial properties). Assessments included PCAs, regulatory compliance audits, data evaluation and validation, health risk assessments and comparative analysis of remedial options.
- **UST Design and Construction, American Airlines – Rochester, New York**
Project manager/engineer for design and construction oversight of UST installation at airline maintenance facility. Design included double-wall fiberglass UST, automated fuel management system and fire suppression system.
- **Closure Design of C&D Landfill – Buffalo, New York**
As project manager, evaluated and designed remedial alternatives for a leachate recovery system and cover system. Modeled alternative performances using various computer models.

PROJECT EXPERIENCE (continued)

- **UST Assessment and Survey, Fort Drum – Watertown, New York**
 Project manager responsible for conducting an assessment and survey of over 100 USTs on the “Old Post” section of Fort Drum. Developed GIS system to electronically manage information collected that included locations, sizes and digital photographs of UST locations.
- **Petroleum Release Investigations and Remediation – New York**
 Project manager/engineer responsible for evaluation, design and construction of numerous petroleum release sites including gasoline and fuel oil. Remedial alternatives implemented include in-site and ex-situ bioremediation, soil flushing, groundwater extraction and excavation. Developed cleanup objectives using risk-based analysis considering present and future property uses.
- **Inactive Hazardous Waste Site Investigations – New York**
 Project manager for NYSDEC Phase I and II Inactive Hazardous Waste Site Investigations. Responsible for initial site inspection, report preparation, HRS scoring and Phase II recommendations and completion.
- **Geophysical Survey, Bethlehem Steel Corporation – Buffalo, New York**
 Conducted geophysical surveys to determine locations and geological conditions at waste and disposal sites. Survey methods included magnetometer, electromagnetics, resistivity and seismic refractions.
- **Environmental Assessment – Buffalo, New York**
 Assessment activities included regulatory compliance, evaluation of SWMUs, manufacturing processes and waste streams and recommendations to correct findings.
- **Remediation and Feasibility Study for Chemical Disposal Site at Cornell University – New York**
 Project engineer for preparation of feasibility study for remediation of chemical disposal site. Contaminants included organic solvents (TCE) in groundwater. Final remediation included a cap and slurry wall that was accepted by NYSDEC in ROD.

ADDITIONAL COURSES

Risk-Based Corrective Action Implementation Workshop, Colorado Department of Labor & Employment, Oil Inspection Section, 1999.

Risk-Based Corrective Action, ASTM Standards Technology Training, 1996.

Total Quality Management, Sear-Brown, 1995.

In-Situ and On-Site Bioreclamation Conference, 1995.

PUBLICATIONS

Keefe, Lawrence (contributing author). *Handbook of Environmental Monitoring Procedures*. McGraw Hill, 2005.

Keefe, Lawrence. *Environmental Site Assessments*. New York Real Estate Journal, May 1994.

Keefe, Lawrence and L. Brannaka. *Microcomputers as Applied to Groundwater Monitoring*. Groundwater Monitoring Review, Spring 1986.