



APPENDIX D

PHASE I: ENVIRONMENTAL SITE ASSESSMENT (ESA) – ECOSPHERE ENVIRONMENTAL SERVICES

DURANGO-LA PLATA COUNTY AIRPORT

Phase I Environmental Site Assessment

Prepared for:

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900 South Broadway, Suite 350
Denver, CO 30326**

October 16, 2014



Durango, CO
Cortez, CO
Pagosa Springs, CO
Santa Fe, NM
Farmington, NM

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ACRONYMS AND ABBREVIATIONS

Airport	Durango-La Plata County Airport
AMPT	Advanced Mobile Propulsion Tests
ARFF	Aircraft Rescue and Fire Fighting
ASTM	American Society for Testing Materials
AST	Aboveground Storage Tank
BMP	Best Management Plan
BP	British Petroleum
CDPHE	Colorado Department of Health and Environment
Ecosphere	Ecosphere Environmental Services
ESA	Phase 1 Environmental Site Assessment
EPA	Environmental Protection Agency
FBO	Fixed-Based Operations
NPDES	National Pollutant Discharge Elimination System
REC	Recognized Environmental Condition
USFS	United States Forest Service
USGS	United States Geological Survey
UST	Underground storage tanks

1. SUMMARY

Ecosphere Environmental Services (Ecosphere) was contracted by Aviation, Inc. to conduct a Phase I Environmental Site Assessment (ESA) to assess potential environmental liabilities for the Durango-La Plata County Airport (the airport) (Appendix A, Figures 1 and 2). The ESA was completed in accordance with American Society for Testing Materials (ASTM) Designation: E1527-13 Standard Practice for Environmental Site Assessments (ASTM 2013).

2. INTRODUCTION

2.1 Purpose

The purpose of the ESA was to evaluate the property and surrounding areas for the presence of recognized environmental conditions (RECs) and/or *de minimis* conditions related to hazardous substances or petroleum products associated with current or historical operations at or near the subject property. *De minimis* conditions are defined by ASTM as environmental conditions that "generally do not present a threat to human 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." A *de minimis* condition is not considered a recognized environmental condition. An example of a *de minimis* condition might be a small, superficial spill of oil that is not anticipated to cause a significant concern.

2.2 Detailed Scope of Services

The scope of work for the ESA included the following:

- Available records review
- Site reconnaissance
- Interviews with persons knowledgeable of the site
- Reporting, researching, and evaluating information

This assessment did not include any testing or sampling of soils, water, potential asbestos-containing material, lead-based paint, urea-formaldehyde, or radon gas. Such sampling activities are not generally included in the scope of a Phase I ESA. If warranted, a Phase II ESA will be recommended to address these issues.

2.3 Limitations and Exceptions

Environmental professionals from Ecosphere performed this ESA using commercial and customary practices in accordance with the ASTM Standard for Environmental Site Assessments (ASTM 2013). Nonetheless, several major qualifications are inherent in the conduct of this or any other environmental due diligence examination:

- It is difficult to predict if any unidentified issues will become actual problems in the future because federal and state regulations continually change, as do the enforcement priorities of the applicable governmental agencies involved.
- The distinct possibility always exists that sources of future environmental liability have yet to manifest themselves to the point where they are reasonably identifiable through an external investigation.
- Ecosphere notes that the results of its investigation represent the application of a variety of engineering and technical disciplines to material facts and conditions associated with the subject property. Many of these facts and conditions are subject to change over time; accordingly, the conclusions and recommendations must be viewed within this context.
- The environmental professionals at Ecosphere shall not be held responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time the evaluation was performed.
- Several areas of the airport, including private hangers and the Advanced Mobile Propulsion Tests (AMPT) building, were not available for inspection during the site inspection. Please see Section 10 for additional detail.

2.4 User Reliance

Environmental professionals at Ecosphere prepared this report solely for the benefit of its client. This report may be disclosed to third parties who may use and rely upon the report at their discretion. However, any use of or reliance upon this report by any party other than the clients shall be solely at the risk of such party and without legal recourse against Ecosphere or its respective employees.

3. SITE DESCRIPTION

3.1 Location and Legal Description

The airport is situated in the foothills of the San Juan Mountains in southwestern Colorado, approximately 8 miles southeast of the City of Durango. The airport is located in La Plata County in portions of Sections 29, 30, 31 and 32 of Township 34 North and Range 8 West, New Mexico Principal Meridian on the Loma Linda, Colorado 7.5-minute United States Geological Survey (USGS) quadrangle (Appendix A, Figure 2). The portion of the airport that was included in this Phase I ESA consists of four parcels with La Plata County Assessor numbers 5903-313-00-862, 5903-293-00-864, 5903-311-00-865, and 5903-302-00-866 (Appendix A, Figure 2). The four parcels occupy approximately 486 acres.

3.2 Site and Vicinity General Characteristics

The airport is located on a plateau above the Animas River valley at an approximate elevation of 6,685 feet above mean sea level. The Animas River is located approximately 6.5 miles west of the airport. The south-flowing Florida River, a tributary of the Animas River, is located less than half a mile west of the

airport runway and is the predominant water feature within the airport vicinity. Salt Creek, a minor, intermittent tributary of the Florida River, is located approximately a half mile east of the airport. Existing land use within the airport vicinity is predominantly agricultural/open space with some scattered rural residences, along with some industrial development.

3.3 Current Use of the Property

The property is a commercial airport owned and operated by the City of Durango and La Plata County.

3.4 Descriptions of Structures, Roads, Other Improvements on the Site

The airport facilities include one runway and one parallel taxiway with connecting taxiways that provide aircraft access to the passenger terminal and facilities on the airport. The runway is 9,201 feet long and 150 feet wide and is constructed of asphalt (Appendix A).

The existing 37,000 square foot terminal was built in 1988 and consists of four boarding gates that serve four commercial airlines, four airline counters, five rental car stands, a gift shop, and a café. An asphalt parking lot is located to the west of the terminal building. South of the terminal is the rental car staging area and rental car wash bays.

The airport is currently served with one full-service Fixed Based Operator (FBO). The FBO is located on the west side of the runway, adjacent to a general aviation apron. A series of general aviation aircraft storage hangars are located directly south of the FBO. South of the series of general aviation aircraft storage hangars is a large maintenance building, which also contains the aircraft rescue and firefighting (ARFF) facility. The U.S. Forest Service (USFS) leases an area north of the passenger terminal to maintain an air tanker reloading base capable of handling two retardant aircraft. A second general aviation area consisting of hangars is located north of the terminal and USFS areas.

Advanced Mobile Propulsion Tests (AMPT) leases an area near the east side of the northeast end of the runway. The AMPT facility performs static testing of in-space (handheld) propulsion thrusters. They don't perform manufacturing.

3.5 Current Uses of the Adjoining Properties

Existing land use within the airport vicinity is predominantly agricultural/open space with some scattered rural residences, along with some industrial development. The Crossfire industrial/office complex is located directly north and adjacent to the airport property along the airport access road. A large British Petroleum (BP) office equipment storage area is located to the north of the Crossfire complex. There are industrial plants—natural gas compression stations—located west and northwest of the airport. The property located adjacent to the airport in all other directions is devoted primarily to agricultural uses. As shown in Figure 2 (Appendix A), a series of oil and gas wells are located within a one-mile radius of the airport.

4. USER PROVIDED INFORMATION

Dennis Ray, Airport Fire Chief/Public Safety Manager, provided a copy of the airport's current Multi-Sector National Discharge Pollution Elimination System (NPDES) permit (US Environmental Protection Agency [USEPA] 2010), as well as several emails describing stormwater management and solid/hazardous waste management practices at the airport.

4.1 Title Records

Property deeds were obtained from the La Plata County Clerk and Recorder's Office (La Plata County Assess 2014). Ownership records for the property are summarized in Table 1.

Table 1. Airport Ownership

Assessor ID	Owner	Size of Parcel (acres)	Location of Parcel
5903-313-00-862	La Plata County and City of Durango	138	South end of runway
5903-293-00-864	La Plata County and City of Durango	128	North of runway
5903-311-00-865	La Plata County and City of Durango	97	South central area of runway
5903-304-00-866	Dove Island Associates c/o Robert Converse Revocable Trust and George Banker	123	North central area of runway

No environmental liens or activity and use limitations were on record at the La Plata County Clerk and Recorder's Office.

4.2 Valuation Reduction for Environmental Issues

No valuation reduction for environmental issues was identified for the airport.

4.3 Reason for Performing Phase I

The purpose of the Phase I ESA is to evaluate the airport for the presence of hazardous substances and petroleum hydrocarbons and to qualify for Landowner Liability Protections under the Brownfields Amendments to the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (as amended, 42 U.S.C. §9601, 40 CFR Part 307).

4.3.1 Records Review

The following section describes data sources used to assess the property for environmental concerns associated with current or historic site operations. An environmental professional from Ecosphere conducted research on readily available records, performed interviews with government agencies and

individuals familiar with the property, reviewed state and federal databases for known sites with recognized environmental conditions, and reviewed available historic information to identify prior use of the subject property.

4.4 Standard Environmental Record Sources

EnviroCheck Solutions, Inc. conducted a search of federal and local government environmental records in accordance with the ASTM-required search distances for ESAs on August 11, 2014. The databases are intended to describe subject properties and/or other identified sites within the specified search distances when they are included in any governmental databases or environmental incident lists. A copy of the database search results, including the search radius for each database, is provided in Appendix B. Each database search was completed to the ASTM specified search radius (EnviroCheck 2014). Environmental databases that were searched include the following:

NPL	National Priority List and Proposed National Priority List; Environmental Protection Agency (EPA)
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System (EPA)
CERCLIS-NFRAP	No Further Action list (EPA)
CORRACTS	Resource Conservation and Recovery Information System Corrective Action Sites (EPA)
RCRA-TSDF	Resource Conservation and Recovery Information System Treatment, Storage and Disposal Facilities (EPA)
ERNS	Emergency Response Notification System (EPA)
SWLF	Solid Waste Landfills (Colorado Department of Health and Environment [CDPHE])
LUST	Leaking Underground Storage Tank Sites (CDPHE)
UST	Underground Storage Tanks (Colorado Division of Oil and Public Safety [CDOPS])
AST	Aboveground Storage Tanks (CDOPS)
DEFENSE	Formerly Used Defense Sites and Department of Defense Sites (U.S. Army Corps of Engineers)
BROWN	Brownfields Cleanup and Reuse Sites (CDPHE)
DEED	Deed Restrictions/Environmental Covenants (CDPHE)
CONTROLS	Institutional and Engineering Controls (EPA)
EMMISSIONS	Air Emission Sites (CDPHE)
HAZNET	Hazardous Waste Information System
ERNS	Emergency Response Notification System (EPA)
GENERATOR	Small and Large Quantity Generators (EPA)
HAZMAT	Hazardous Materials Storage and Incident Records (US Drug Enforcement Agency; EPA)

4.5 Federal Regulatory Records

The airport was listed on the Generator and ERNS federal databases. The Durango La Plata County Airport is classified as a Conditionally Exempt Small Quantity Generator of Hazardous Waste. Under this classification, the airport is prohibited from generating more than 220 pounds or 25 gallons of hazardous waste in any calendar month.

From 1996 to 2010, the airport reported four minor releases of hydrocarbons via the ERNS system. All four cases have been closed.

The BP tank farm located north of the airport reported four minor spills from 1991 to 1996. All cases are closed.

There was no information indicating a REC associated with the property from off-site facilities based on information contained in the Envirocheck database report, distance from the property, presumed groundwater flow direction, and/or regulatory agency status (Envirocheck 2014).

4.5.1 State Regulatory Records

The airport was listed in the LUST (Leaking Underground Storage Tank), and UST (Underground Storage Tank) state regulatory databases. Two LUST cases dating from 1993 and 1998 are both closed. The UST was closed in 1998.

The BP tank farm located to the north of the airport is listed in the AST state regulatory database as having five hydrocarbon ASTs.

4.6 Additional Environmental Record Sources

The U.S. Drug Enforcement Administration National Clandestine Laboratory Register was reviewed for a list of clandestine labs in the State of Colorado. The database contains a list of locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of clandestine drug laboratories or dumpsites. There were no listed sites in La Plata County, Colorado.

4.7 Historical Use Information on the Property

The site was undeveloped prior to the initial airport construction in 1950. On June 14, 1953 the La Plata Field was officially dedicated (Kellie G. Cheever, Museum Assistant, La Plata County Historical Society, personal communication, September 8, 2014).

4.8 Historical Use Information on Adjoining Properties

The properties and vicinity can be described as predominantly agricultural/open space with some scattered rural residences, along with some industrial development. There are industrial plants –natural gas compression stations – located west and northwest of the airport. The property located adjacent to the airport in all other directions is devoted primarily to agricultural uses.

Adjoining properties observed during the site reconnaissance are described below:

- **North:** The Crossfire industrial/office complex, BP office building and warehouse, agricultural, and open space.
- **East:** Agricultural and open space, and residential properties along the east side of Hwy 309A.
- **South:** Agricultural and open space.
- **West:** Florida River, agricultural, open space and scattered rural residences.

The inspection of adjoining properties from curbside and a review of federal, state, and local regulatory agency databases/records did not reveal the presence of off-site sources considered to be RECs associated with the subject property.

5. SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

An environmental professional from Ecosphere conducted a site reconnaissance of the property on August 28, 2014. Site reconnaissance included an inspection of the subject property and observation of adjacent parcels. The weather conditions were sunny and mild (approximately 75 degrees Fahrenheit) at the time site reconnaissance.

The site reconnaissance methodology included inspection of most areas within the developed portion of the airport as well as the perimeter of the developed area of the airport. Adjacent properties were observed from the airport perimeter.

Specific issues related to the site reconnaissance are discussed below. Site information presented in this section is based upon the site inspection, USGS topographic maps, and the database search report prepared by EnviroCheck Solutions, Inc. (Appendix B).

5.2 Buildings and Structures

The airport facilities include one runway, along with a parallel taxiway and connecting taxiways that serve the runway and provide aircraft access to the passenger terminal and facilities on the airport (Figure 2, Appendix A).

The passenger terminal occupies 37,000 square feet and consists of four boarding gates serving four commercial airlines, five rental car stands, a gift shop, and a café. An asphalt parking lot is located on the west side of the terminal building.

One FBO is located on the west side of the runway, adjacent to the general aviation apron. A series of general aviation aircraft storage hangars are located directly south of the FBO, T-hangars and executive/corporate hangars. South of the series of general aviation aircraft storage hangars is a large maintenance building.

The ARFF facility is located on the west side of the runway, on the south end of the main apron. Other large buildings at the airport include the USFS hangar and the AMPT facility.

5.3 On-site Chemical Storage

The airport chemical storage includes Jet A fuel, Avgas, gasoline, diesel, anti-freeze, de-icer, and transmission fluid. The USFS facility stores fire retardant chemicals. AMPT stores propellants provided by their customers for thruster testing. The propellants are hazardous, and they typically have anywhere from five to 30 gallons at the site during a test program. Very small quantities of hazardous waste are generated from cleaning operations, such as residuals on swabs and wipes. These are stored in a hazardous waste container and removed at a regular interval by Safety-Kleen (Doudi Barnes, AMPT Chief Engineer, personal communication September 8, 2014).

5.4 Storage Tanks

The airport has an above ground storage tank (AST) tank farm (Photos 1 and 2 Appendix C) near the main hangar that consists of:

- Three 12,000-gallon Jet A fuel tanks with concrete containment
- One 12,000-gallon 100LL AVGAS fuel with concrete containment
- Three de-icing Type I tanks on asphalt with a dirt berm
- Four over-pack salvage drums
- Nineteen de-icing carboys on asphalt with dirt berm
- One 12,000-gallon unleaded fuel tank on asphalt with dirt berm

A spill containment kit is staged at the tank farm and is inspected and inventoried every quarter and resupplied as needed (Anthony Vicari, Airport Operations Specialist, personal communication, September 3, 2014).

The airport maintenance shop uses a 300-gallon used oil tank, which has secondary containment.

There are four 10,000-gallon ASTs adjacent to the USFS hangar for storage of fire retardant. In addition to the ASTs, the USFS will arrange to have a 2,000-gallon jet fuel tanker truck onsite when they are refueling aircraft. There are also three to four jerry cans of gasoline and diesel fuel stored at the facility (Craig French, Airport USFS Manager personal communication, September 3, 2014).

There are several tanks located at the AMPT facility; however, attempts to interview AMPT personnel to obtain information on the tank contents were not successful.

5.5 Electrical Transformers and Potential PCB Sources

Each set of hangars has “green box” type transformer boxes owned by the La Plata Electric Association that are labeled “No PCBs” (Photo 3, Appendix C). There were no surface indications of leaks from the transformers.

5.6 Waste Disposal

Solid waste generated from the airport facilities is collected in storage containers provided by Waste Management, Inc. The containers are emptied on a regular schedule, and all contents are disposed of at the Crouch Mesa Landfill in Farmington, NM.

All sand/oil separators at the rental car - car wash area are inspected quarterly. During these quarterly inspection, measurements are taken to determine the depth of the sand and oil layers. These separators are cleaned as needed by a third party contractor and the material is disposed of at the City of Durango Wastewater Treatment facility (Anthony Vicari, Airport Operations Specialist, personal communication, September 3, 2014).

South of the maintenance building is an airport “boneyard” used to store tires, metal pipes, empty plastic tanks and drums, fencing, metal roofing, electrical wire, a truck, snow plows and two propane tanks on trailers (Photos 4, 5, and 6, Appendix C). No stained soil was visible during the site inspection.

A small dump containing construction material consisting of metal, concrete, and chunks of asphalt was observed in an arroyo near the southeast end of the airport.

There is an asphalt stockpile area located near the southwest corner of the airport, and two fill areas located to the northeast and southwest end of the airport. The fill areas contain wood or concrete boxes with fence posts (Photo 7, Appendix C). No stained soil was visible in these areas during the site inspection.

5.7 Odors

No odors or pungent, noxious smells outside of incoming/outcoming aircraft exhaust were noticed at the time of the property reconnaissance.

5.8 Reported Spills/Leaks/Releases

No spills/leaks/releases from the airport were documented in the EnviroCheck Radius Search Report (Appendix B) since a minor spill in 2010. ARFF personnel respond to all fuel spills at the airport, and their incident reports document the type of fuel, location of spill, the approximate volume and or size of spill, and the measures taken to clean up the spill. In the last five years ARFF personnel have not been dispatched to respond to any fuel spills of reportable size (Dennis Ray, Airport Fire Chief, personal communication, September 5, 2014).

5.9 Onsite Wells

The airport has multiple monitoring wells located within the perimeter fence. These monitoring wells are located in the vicinity of AvFlight's fuel farm and also on the general aviation ramp. The wells located on the general aviation ramp are the oldest set and were routinely sampled by a third party contractor shortly after their installation. The monitoring well located near the fuel farm was installed in 2009 and was also routinely sampled by a third party contractor for a period of time. In the recent years there is no record

of any sampling and or maintenance performed on these wells in either location (Dennis Ray, Airport Fire Chief, personal communication, September 5, 2014).

A 3,320 foot deep BP America natural gas well is located near the airport perimeter. The well has been producing since 2000, and all inspections of the location have been satisfactory with no spills or releases are identified in the inspection record.

5.10 Stormwater Drainage

There are three structural outflow Best Management Practices (BMP's) and two drainage outflows for stormwater drainage at the airport. The first structural outflow drains the terminal building, USFS and the northern one-third of the general aviation area. It is located just west of the water treatment plant and drains into a retention pond that has three paths for outflow. Normal flows are through a twelve-inch concrete pipe through a drainage structure located at ground level. In the event of a major storm water event, the outflow is through the top of the concrete structure which is located approximately three feet above base level. If the storm water flows exceed the carrying capacity of this structure, the water can flow over a concrete encased rip-rap structure onto the drainage rundown structure directly. The rundown structure is concrete encased riprap with a plunge pool at the bottom of the valley to slow the velocity of the water and the potential for erosion. The bottom outflow is capable of being quickly shut down to allow for the impounding and collection of any spilled pollutants prior to their being able to escape to the Florida River.

The second structural outflow BMP is located immediately south of the fire station/operations building and handles drainage from the south aircraft hangar storage area and general aviation parking apron. It is a retention pond with a twelve-inch culvert pipe outflow that is capable of being plugged in the event of a spill of hazardous materials or pollutants.

The third structural outflow is located west of the south end of the runway and drains the area between the west side of the centerline of the runway and the taxiway surfaces. This is primarily an erosion control structure and consists of a concrete rundown structure that spills into a riprap lined retention pond. It is also capable of being blocked in the extremely unlikely event of a spill of hazardous pollutants.

The first drainage outflow drains the north hangar development area through an underground concrete pipe which outflows near the northeast corner of the runway and into an irrigation tributary of Salt Creek. It is capable of being temporarily plugged.

The second drainage outflow drains the east side of the runway and all lands east of the centerline of the runway. It is a sheet flow drainage and drains to the southeast towards Salt Creek (Photo 8, Appendix C). There are no industrial processes on this side of the runway and the only source of pollutants would be the unlikely event of an aircraft accident (Robert Craig, Airport Stormwater Manager, personal communication, September 4, 2014).

5.11 Hydrocarbon Stained Soils and Drips

No stained soils or drips were observed on the property at the time of the property reconnaissance.

6. INTERVIEWS

Ecosphere interviewed the following airport personnel concerning historic and current environmental conditions at the airport:

Dennis Ray, Airport Fire Chief/Public Safety Manager

Anthony Vicari, Airport Operations Specialist

Robert Craig, Airport Stormwater Manager

David Miller, Airport Water and Wastewater Manager

Craig French, Airport USFS Manager

Doudi Barnes, AMPT Chief Engineer

Kellie G. Cheever, Museum Assistant, La Plata County Historical Society

7. FINDINGS AND CONCLUSIONS

Based on a review of available information described in this report, the subject property has a low environmental risk from potential contamination associated with hazardous substances or petroleum hydrocarbons. The basis for the assigned low-risk level is summarized below:

- Environmental records in the general vicinity did not contain records of active industrial facilities, active remediation, or spills within the ASTM radius of the subject property.
- Current land uses in the general vicinity of the airport represent a low risk for potential contamination to the property.
- All fuel storage tanks at the airport are within appropriate secondary containment, and are regularly monitored for spills and leaks. The airport facility has emergency response staff and equipment to provide immediate and appropriate response to any spills or releases that may occur.

8. OPINION

Based on a review of available information described in this report, no information was identified that would constitute a REC associated with the property.

9. DEVIATIONS

The following deviations from the ASTM standard practice occurred during the site reconnaissance:

- The AMPT facility was not inspected due to lack of access, but an interview conducted with Doudi Barnes, AMPT Chief Engineer, stated that AMPT stores only five to 30 gallons of hazardous propellants during testing, and are removed at a regular interval by Safety-Kleen.
- The inside of USFS hangar was not inspected during the site reconnaissance because no one from the USFS was available. A subsequent phone interview the USGS Manager (Craig French) indicates that the USFS facility stores only fire retardant chemicals.
- In the last five years ARFF personnel have not been dispatched to respond to any fuel spills of reportable size at either facility.

Based on a review of available information described in this report, no additional activities are required.

10. REFERENCES

American Society for Testing and Materials (ASTM) 2013. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. E1527-13. The American Society for Testing and Materials. West Conshohocken, PA. USA.

EnviroCheck Solutions Radius Search Report, 1000 Airport Road, Durango, Colorado 81303. Project # 20359, Aviation, August 11, 2014.

La Plata County Assessor. 2014. EagleWeb Property Database. Available at:
<https://eagleweb.laplata.co.us/assessor/taxweb/search.jsp>. Accessed September 2, 2014.

U.S. Environmental Protection Agency (USEPA). 2010. Extension of NPDES Permit Coverage for Industrial Stormwater Discharges (COR05A04I)

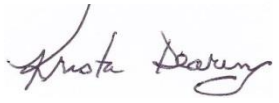
11. STATEMENT OF ENVIRONMENTAL PROFESSIONAL

The records search, site inspection, and interviews did not identify any recognized environmental conditions associated with the subject property.

I 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. I have the specific qualifications, based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Completed by: Keith Fox, Environmental Professional, and Krista Dearing, Geologist.

Signature:  Date: 9/17/2014

Signature:  Date: 9/17/2014

12. QUALIFICATION OF ENVIRONMENTAL PROFESSIONAL

Qualifications are attached in Appendix D.

Appendix A: Site Maps

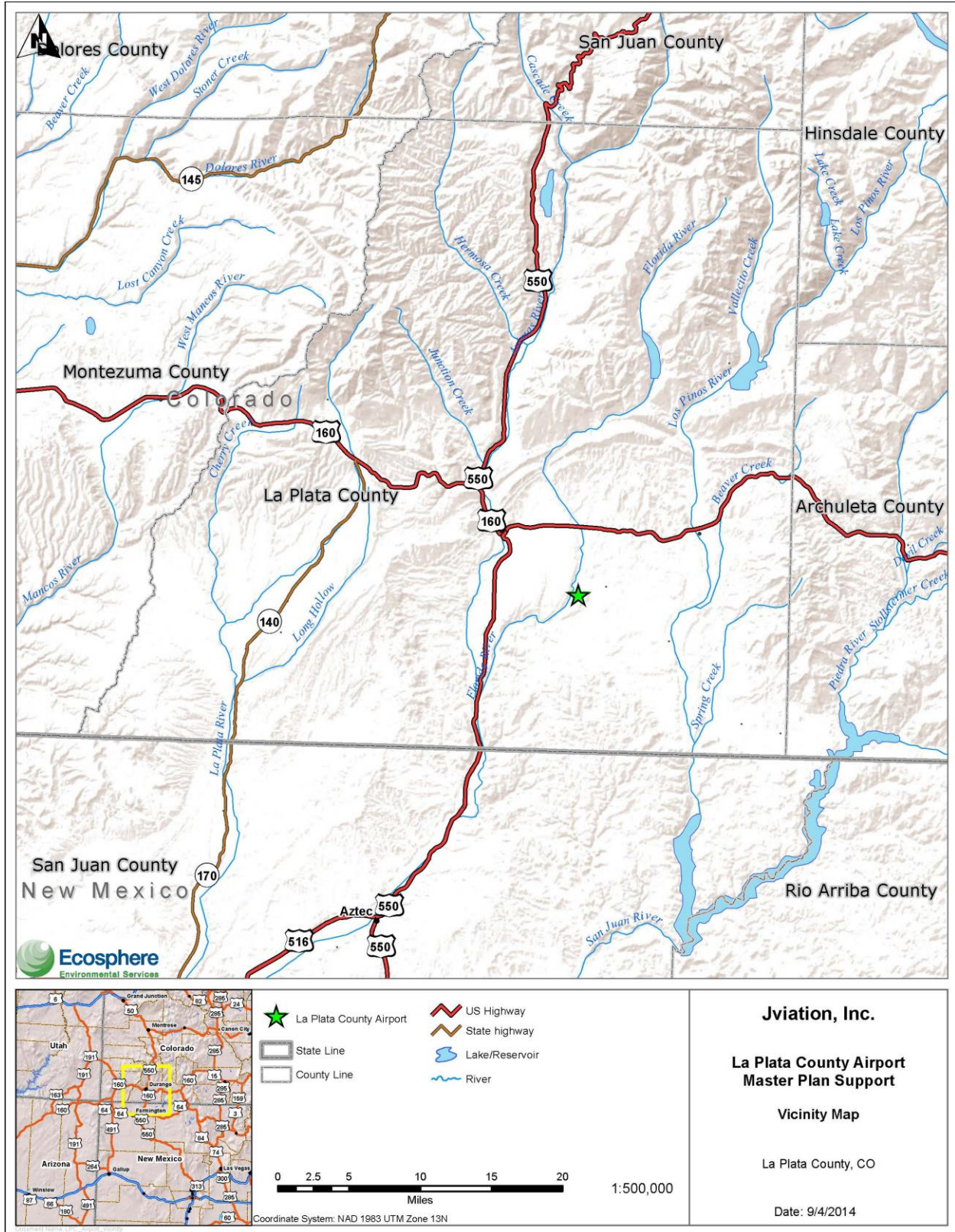


Figure 1. Project Vicinity Map

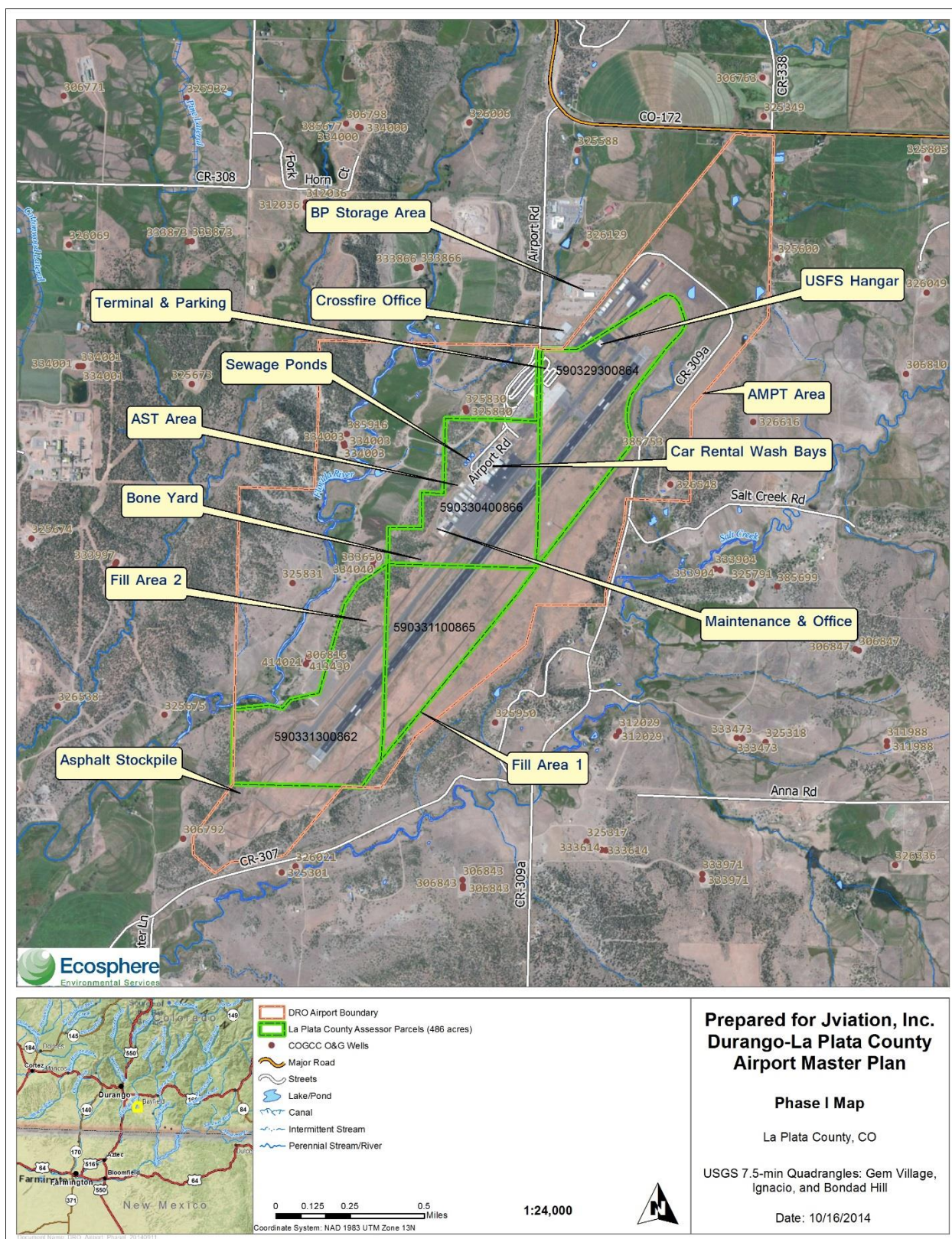


Figure 2. Phase I Detail Map

Appendix B: Regulatory Records Review Documentation



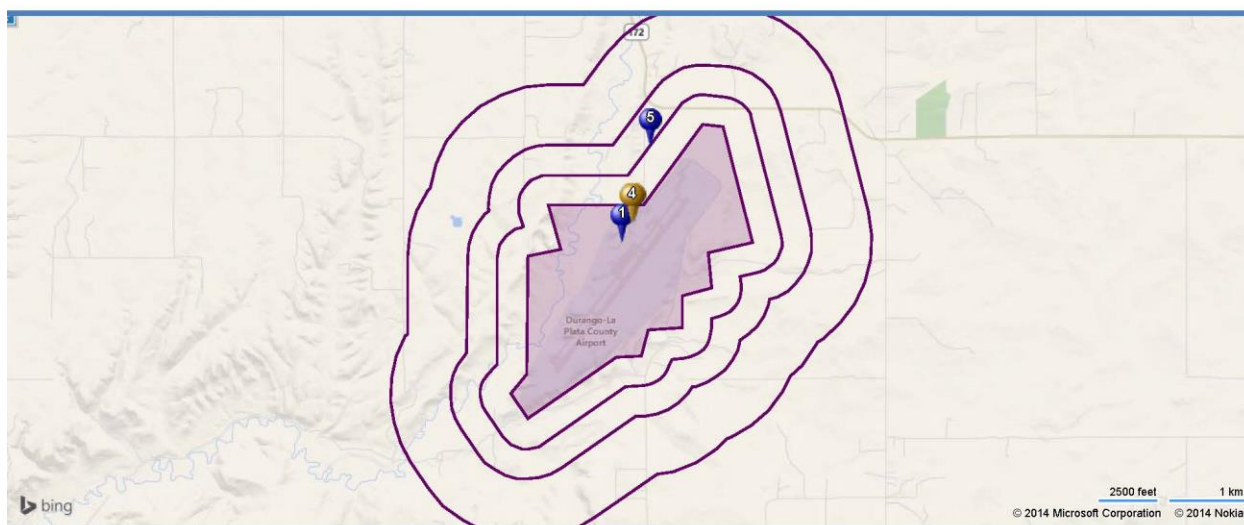
Radius Search Report

1000 Airport Road
Durango, CO 81303

Project #: 20359

Reference: Job Reference: Jviation

Date: Monday 11th of August, 2014



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EnviroCheck Radius Search Report

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1000 Airport Road, Durango, CO 81303



EnviroCheck Solutions, Inc.
v. 866-517-5513 - f.858-259-0757
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EnviroCheck Radius Search Report

Site Summary

Subject Property	Up to 1/4 mile	1/4 mile to 1/2 mile	1/2 mile to 1 mile	Total
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Databases Searched to One mile(s)

NPL	National Priority List (Superfund) Sites	0	0	0	0	0
CORRACT	Corrective Action Sites	0	0	0	0	0
TSD	Treatment, Storage and Disposal Sites	0	0	0	0	0
DEFENSE	Unused and Formerly Used Defense Sites	0	0	0	0	0
BROWN	Brownfields Cleanup and Reuse Sites	0	0	0	0	0
DEED	Deed Restrictions/Environmental Covenants	0	0	0	0	0

Databases Searched to One-Half mile(s)

CERCLIS	CERCLIS/Superfund Database	0	0	0	-	0
CONTROLS	Institutional and Engineering Controls	0	0	0	-	0
LUST	Leaking Underground Storage Tanks	1	1	0	-	2
SWLF	Solid Waste Landfills	0	0	0	-	0
EMISSIONS	Air Emissions Sites	0	0	0	-	0
HAZNET	Hazardous Waste Information System	0	0	0	-	0

Databases Searched to One-Quarter mile(s)

ERNS	Emergency Response Notification System	4	4	-	-	8
GENERATOR	Small and Large Quantity Generators	2	0	-	-	2
UST	Underground Storage Tank Sites	1	0	-	-	1
AST	Aboveground Storage Tanks	0	1	-	-	1
HAZMAT	Hazardous Materials Storage and Incident Records	0	0	-	-	0
Totals		8	6	0	0	14

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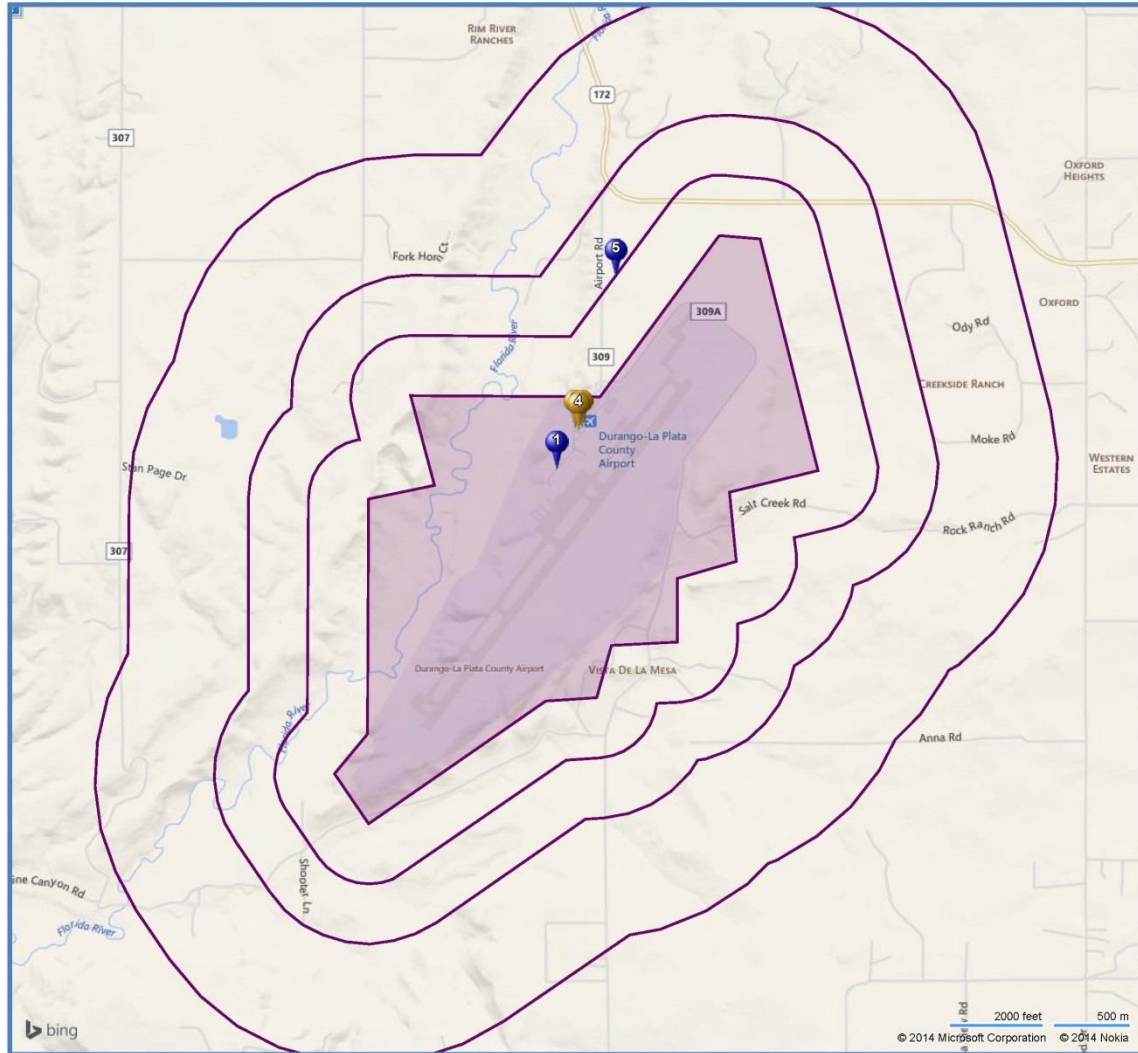





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EnviroCheck Radius Search Report

Map 1



-  Site Searched to One-Quarter Mile
-  Site Searched to One-Half Mile
-  Site Searched to One Mile
-  Subject Property



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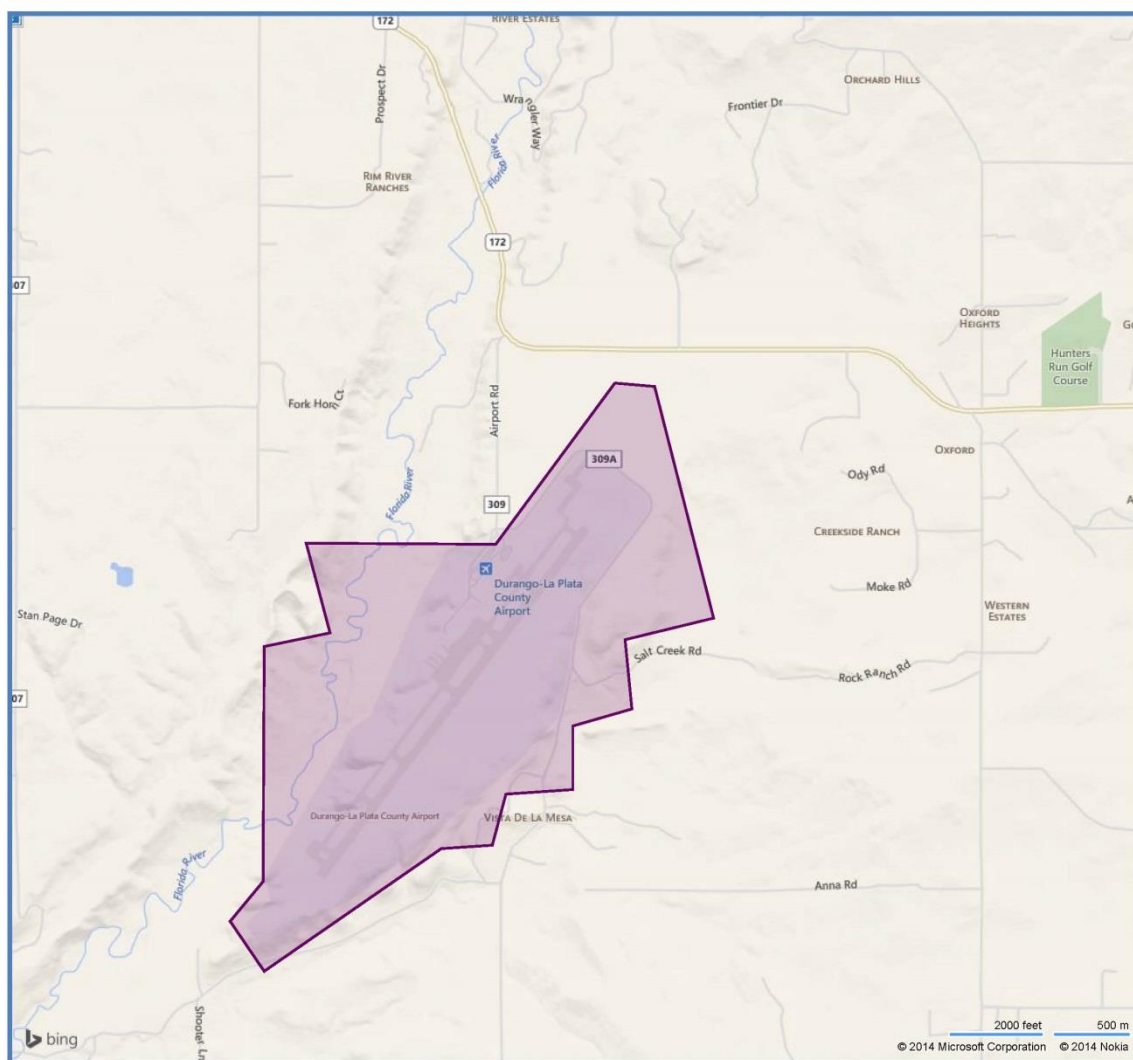


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Site Vicinity Map



- Site Searched to One-Quarter Mile
- Site Searched to One-Half Mile
- Site Searched to One Mile



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Site Details Summary

Map#	DB Type	Site Name/Status	Address	Dist/Dir	Page
1A	ERNS	Unknown/Status Not Applicable or Not Provided By Agency	1340 AIRPORT ROAD, DURANGO, CO	0 ft / South West	8
1B	LUST	Durango-La Plata Airport/Status Not Applicable or Not Provided By Agency	1340 Airport Rd., DURANGO, CO	0 ft / South West	9
1C	UST	Durango-La Plata Airport/Status Not Applicable or Not Provided By Agency	1340 Airport Rd., DURANGO, CO	0 ft / South West	9
2A	GENERATOR	TSA-DURANGO-LAPLATA COUNTY AIRPORT/No	1000 AIRPORT RD, DURANGO, CO	0 ft / West	11
2B	GENERATOR	DURANGO - LA PLATA COUNTY AIRPORT/No	1000 AIRPORT RD BOX 1, DURANGO, CO	0 ft / West	13
3A	ERNS	DURANGO LA PLATA COUNTY AIRPORT/Status Not Applicable or Not Provided By Agency	1000 AIRPORT ROAD, DURANGO, CO	0 ft / West	17
3B	ERNS	Unknown/Status Not Applicable or Not Provided By Agency	1000 AIRPORT RD, DURANGO, CO	0 ft / West	19
4A	ERNS	Unknown/Status Not Applicable or Not Provided By Agency	1300 AIRPORT DRIVE, DURANGO, CO	0 ft / West	20
5A	AST	DURANGO OPERATIONS CENTER/Status Not Applicable or Not Provided By Agency	380 AIRPORT RD, DURANGO, CO	1304 ft / North West	23
5B	LUST	DURANGO OPERATIONS CENTER/Closed case or No Further Action	380 AIRPORT RD, DURANGO, CO	1304 ft / North West	23
5C	ERNS	Unknown/Status Not Applicable or Not Provided By Agency	380 COUNTY ROAD 309, DURANGO, CO	1304 ft / North West	24
5D	ERNS	Unknown/Status Not Applicable or Not Provided By Agency	380 COUNTY RD 309, DURANGO, CO	1304 ft / North West	25
5E	ERNS	Unknown/Status Not Applicable or Not Provided By Agency	380 AIRPORT RD, DURANGO, CO	1304 ft / North West	27
5F	ERNS	Unknown/Status Not Applicable or Not Provided By Agency	380 AIRPORT RD, DURANGO, CO	1304 ft / North West	28

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Subject Property Sites

1

Durango-La Plata Airport-Unknown
1340 Airport Rd., DURANGO, CO
Records: 1A,1B,1C,

Site ID: -1669612720
Distance: 0 ft, South West

1A

Type: Emergency Response Notification System (ERNS)
Source: U.S. EPA and National Response Center's 1990 to 2005 Emergency
Response Notification System list

Record ID: NAERNS90-01-
557002

Record Details

Description Of Incident	FUEL TANK ON AIRCRAFT WAS OVERFILLED	Incident Cause	OPERATOR ERROR
Incident Date Time	2/15/2001 9:00:00 PM	Incident Dtg	OCCURRED
Type Of Incident	AIRCRAFT		

Special Program Information

Date/Time Received	2/16/2001 5:04:19 PM	Date/Time Complete	2/16/2001 5:10:10 PM
Call Taker	DMC7004	Calltype	INC
Responsible Party Last Name	UNKNOWN	Responsible Party Company Name	DURANGO AIR SERVICES
Responsible Party Organization Type	PRIVATE ENTERPRISE	Responsible Party Company Address	1000 AIRPORT ROAD
Responsible Party City	DURANGO	Responsible Party State Name	CO
Source	TELEPHONE		

Incidents

Aircraft Type	COMMERCIAL	Aircraft Model	MD-80
Type Of Fixed Object	UNKNOWN	Power Generating Facility	Unknown
Npdes Compliance	Unknown	Dept Of Transportation Regulated	Unknown
Pipeline Aboveground	ABOVE	Exposed Underwater	No
Pipeline Covered	Unknown	Grade Crossing	No
Device Operational	Y	Brake Failure	N
Tank Aboveground	ABOVE	Transportable Container	Unknown
Tank Regulated	Unknown	Allision	No
Structure Operational	Unknown		

Incident Details

Fire Involved	No	Fire Extinguished	Unknown
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Subject Property Sites

Any Evacuations	No	Any Injuries	No
Any Fatalities	No	Any Damages	No
Air Corridor Closed	N	Waterway Closed	No
Road Closed	No	Major Artery	N
Track Closed	No	Media Interest	NONE
Medium Desc	LAND	Additional Medium Info	CONTAINMENT AREA
Release Secured	Yes	Desc Remedial Action	ABSORBENTS APPLIED
State Agency On Scene	CO DEPT OF HEALTH	Weather Conditions	CLEAR
Air Temperature	24.00	Water Supply Contaminated	U
Community Impact	N	Offshore	No

Material Involved

Chris Code	JPE	Cas Number	000000-00-0
Amount Of Material	80	Unit Of Measure	GALLON(S)
Name Of Material	JET FUEL: JP-8	If Reached Water	NO

1B

Type: Leaking Underground Storage Tanks (LUST)
Source: U.S. EPA's Region 8 Leaking Underground Storage Tank list on Tribal lands

Record ID: NAR8INLU-1010022

Record Details



Site Details

Tribe	Southern Ute	Eventid	36
Lustlastmilestone	Site Cleanup Completed	Lustcloseddate	11/15/1993 12:00:00 AM
Tribe	Southern Ute	Eventid	263
Lustlastmilestone	LUST Cleanup Initiated: Petroleum		

1C

Type: Underground Storage Tank Sites (UST)
Source: U.S. EPA's Region 8 Underground Storage Tank list on Tribal lands

Record ID: NAR8INUS-1010022

Record Details



Site Details

Tribe	Southern Ute	Tankstatusdesc	Permanently Out of Use
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Subject Property Sites

Leakdetectedorcleanandclosure	Evidence of Leak Detected	Dateinstalled	4/1/1961 12:00:00 AM
Dateclosed	7/21/1993 12:00:00 AM	Name	Durango-La Plata County Airport
Address	100 Airport Rd. P.O. Box 2677	Tblowner City	Durango
Tblowner County	La Plata	Tblowner State	CO
Tblowner Zip	81302		
Tribe	Southern Ute	Tankstatusdesc	Permanently Out of Use
Leakdetectedorcleanandclosure	Evidence of Leak Detected	Dateinstalled	4/1/1951 12:00:00 AM
Dateclosed	7/21/1993 12:00:00 AM	Name	Durango-La Plata County Airport
Address	100 Airport Rd. P.O. Box 2677	Tblowner City	Durango
Tblowner County	La Plata	Tblowner State	CO
Tblowner Zip	81302		
Tribe	Southern Ute	Tankstatusdesc	Permanently Out of Use
Leakdetectedorcleanandclosure	Evidence of Leak Detected	Dateinstalled	4/1/1951 12:00:00 AM
Dateclosed	7/21/1993 12:00:00 AM	Name	Durango-La Plata County Airport
Address	100 Airport Rd. P.O. Box 2677	Tblowner City	Durango
Tblowner County	La Plata	Tblowner State	CO
Tblowner Zip	81302		
Tribe	Southern Ute	Tankstatusdesc	Permanently Out of Use
Leakdetectedorcleanandclosure	Evidence of Leak Detected	Dateinstalled	4/1/1977 12:00:00 AM
Dateclosed	7/21/1993 12:00:00 AM	Name	Durango-La Plata County Airport
Address	100 Airport Rd. P.O. Box 2677	Tblowner City	Durango
Tblowner County	La Plata	Tblowner State	CO
Tblowner Zip	81302		
Tribe	Southern Ute	Tankstatusdesc	Permanently Out of Use
Leakdetectedorcleanandclosure	Evidence of Leak Detected	Dateinstalled	4/1/1977 12:00:00 AM
Dateclosed	7/21/1993 12:00:00 AM	Name	Durango-La Plata County Airport
Address	100 Airport Rd. P.O. Box 2677	Tblowner City	Durango
Tblowner County	La Plata	Tblowner State	CO
Tblowner Zip	81302		
Tribe	Southern Ute	Tankstatusdesc	Permanently Out of Use
Leakdetectedorcleanandclosure	Evidence of Leak Detected	Dateinstalled	4/1/1961 12:00:00 AM
Dateclosed	7/21/1993 12:00:00 AM	Name	Durango-La Plata County Airport
Address	100 Airport Rd. P.O. Box 2677	Tblowner City	Durango
Tblowner County	La Plata	Tblowner State	CO
Tblowner Zip	81302		
Tribe	Southern Ute	Tankstatusdesc	Currently In Use
Dateinstalled	11/1/1989 12:00:00 AM	Name	Durango-La Plata County Airport
Address	100 Airport Rd. P.O. Box 2677	Tblowner City	Durango
Tblowner County	La Plata	Tblowner State	CO
Tblowner Zip	81302		

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Subject Property Sites

Tribe	Southern Ute	Tankstatusdesc	Permanently Out of Use
Dateinstalled	4/1/1986 12:00:00 AM	Dateclosed	1/15/1999 12:00:00 AM
Name	Durango-La Plata County Airport	Address	100 Airport Rd. P.O. Box 2677
Tblowner City	Durango	Tblowner County	La Plata
Tblowner State	CO	Tblowner Zip	81302

Tribe	Southern Ute	Tankstatusdesc	Permanently Out of Use
Dateinstalled	4/1/1977 12:00:00 AM	Dateclosed	12/15/1998 12:00:00 AM
Name	Durango-La Plata County Airport	Address	100 Airport Rd. P.O. Box 2677
Tblowner City	Durango	Tblowner County	La Plata
Tblowner State	CO	Tblowner Zip	81302

Tribe	Southern Ute	Tankstatusdesc	Currently In Use
Dateinstalled	11/1/1989 12:00:00 AM	Name	Durango-La Plata County Airport
Address	100 Airport Rd. P.O. Box 2677	Tblowner City	Durango
Tblowner County	La Plata	Tblowner State	CO
Tblowner Zip	81302		

Tribe	Southern Ute	Tankstatusdesc	Currently In Use
Dateinstalled	11/1/1989 12:00:00 AM	Name	Durango-La Plata County Airport
Address	100 Airport Rd. P.O. Box 2677	Tblowner City	Durango
Tblowner County	La Plata	Tblowner State	CO
Tblowner Zip	81302		

2

DURANGO - LA PLATA COUNTY AIRPORT-TSA DURANGO-LAPLATA COUNTY AIRPORT
1000 AIRPORT RD, DURANGO, CO
Records: 2A, 2B,

Site ID: 7324829
Distance: 0 ft, West

2A

Type: Small and Large Quantity Generators (GENERATOR)
Source: U.S. Environmental Protection Agency's Hazardous Waste Generator list

Record ID: NARCRA00-COR000208900

Record Details

Generator Status	Conditionally Exempt Small Quantity Generator	Found Violation	No
Universe			

Handler Information

Handler Sequence Number	1	Receive Date	20040805
Current Site Name	TSA-DURANGO-LAPLATA COUNTY AIRPORT	Acknowledge Flag	No
Location Zip Code	81303	Mailing City	DURANGO
Mailing State	CO	Mailing Zip Code	81303
Federal Waste	HQ	Federal Waste	Conditionally Exempt Small Quantity

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Subject Property Sites

Generator Code Owner		Generator Code	Generator
State Waste Generator Code Owner	CO	Short Term Generator	No
Mixed Waste Generator	No	Transporter Activity	No
Transfer Facility	No	Treatment, Storage, Disposal Facility Activity	No
Recycler Activity	No	Onsite Burner Exemption	No
Underground Injection Activity	No	Receives Waste From Off-Site	No
Universal Waste Destination Facility	No	Used Oil Transporter	No
Used Oil Transfer Facility	No	Used Oil Processor	No
Used Oil Refiner	No	Used Oil Fuel Burner	No
Used Oil Fuel Marketer To Burner	No	Used Oil Specification Marketer	No
Location Street	1000 AIRPORT RD	Mailing Street	1000 AIRPORT RD BOX 8
Contact Street	2828 WALKER FIELD DR STE 209 TSA-GJCT-WALKER FIELD AIRPORT	State Waste Generator Description	Same as Federally Defined
Contact Name	RALPH HAMBLIN		

North American Industry Classification System

Naics Description	OTHER AIRPORT OPERATIONS
--------------------------	--------------------------

Site Owners

Owner/Operator Name	CITY OF DURANGO	Date Became Current	8/5/2004 12:00:00 AM
Street	949 E 2ND AVE		
Owner/Operator Name	TSA-DURANGO-LAPLATA COUNTY AIRPORT	Date Became Current	8/5/2004 12:00:00 AM
Street	AIRPORT RD		

Site Type

Current Site Name	TSA-DURANGO-LAPLATA COUNTY AIRPORT	Non-Notifier	Not a non-notifier
Receive Date	20040805	Land Type	Other land type
Owner Name	CITY OF DURANGO	Operator Name	TSA-DURANGO-LAPLATA COUNTY AIRPORT
Short Term Generator	No	Importer Activity	No

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Subject Property Sites

Transfer Facility	No	Receives Waste From Off-Site	No
Univ Waste Dest Facility	No	Federal Universal Waste	No
Hazardous Secondary Material Indicator	No	Tsd Type	Not in a universe
Post-Closure Workload Universe	Not in a universe	Tsdfs Potentially Subject To Corrective Action Under 3004 (U)/(No
Inst Control Indicator	No	Human Exposure Indicator	N/A
Groundwater Controls Indicator	N/A	State Waste Generator Description	Same as Federally Defined
Location Street	1000 AIRPORT RD	Mailing Street	1000 AIRPORT RD BOX 8
Contact Street	2828 WALKER FIELD DR STE 209 TSA-GJCT-WALKER FIELD AIRPORT		

Waste Code

Waste Description	IGNITABLE WASTE
Waste Description	CORROSIVE WASTE
Waste Description	REACTIVE WASTE

2B

Type: Small and Large Quantity Generators (GENERATOR)
Source: U.S. Environmental Protection Agency's Hazardous Waste Generator list

Record ID: NARCRA00-COR000223024

Record Details

Generator Status Universe	Conditionally Exempt Small Quantity Generator	Found Violation	No
----------------------------------	---	------------------------	----

Client Monitoring and Enforcement Data

Evaluation Start Date	1/31/2013 12:00:00 AM	Evaluation Agency	State
Sampling Flag	No	Evaluation Type Description	COMPLIANCE EVALUATION INSPECTION ON-SITE
Handler Name	DURANGO - LA PLATA COUNTY AIRPORT		
Evaluation Start Date	8/10/2012 12:00:00 AM	Evaluation Agency	State
Sampling Flag	No	Evaluation Type Description	FACILITY SELF DISCLOSURE
Handler Name	DURANGO - LA PLATA COUNTY AIRPORT		

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Subject Property Sites

Evaluation Start Date	8/3/2011 12:00:00 AM	Evaluation Agency	State
Sampling Flag	No	Evaluation Type Description	FACILITY SELF DISCLOSURE
Handler Name	DURANGO - LA PLATA COUNTY AIRPORT		

Handler Information

Handler Sequence Number	1	Receive Date	20100316
Current Site Name	DURANGO - LA PLATA COUNTY AIRPORT	Location Zip Code	81301
Mailing City	DURANGO	Mailing State	CO
Mailing Zip Code	81301	Mailing Country	US
Contact Title	AVIATION DIRECTOR	Federal Waste Generator Code Owner	HQ
Federal Waste Generator Code	Small Quantity Generator	State Waste Generator Code Owner	CO
Short Term Generator	No	Mixed Waste Generator	No
Transporter Activity	No	Transfer Facility	No
Treatment, Storage, Disposal Facility Activity	No	Recycler Activity	No
Onsite Burner Exemption	No	Underground Injection Activity	No
Receives Waste From Off-Site	No	Universal Waste Destination Facility	No
Used Oil Transporter	No	Used Oil Transfer Facility	No
Used Oil Processor	No	Used Oil Refiner	No
Used Oil Fuel Burner	No	Used Oil Fuel Marketer To Burner	No
Used Oil Specification Marketer	No	Location Street	1000 AIRPORT RD BOX 1
Mailing Street	1000 AIRPORT RD BOX 1	Contact Street	1000 AIRPORT RD BOX 1
State Waste Generator Description	Same as Federally Defined	Contact Name	RON DENT
Handler Sequence Number	2	Receive Date	20130627
Current Site Name	DURANGO - LA PLATA COUNTY AIRPORT	Location Zip Code	81301
Mailing City	DURANGO	Mailing State	CO
Mailing Zip Code	81301	Mailing Country	US
Contact Title	AVIATION DIRECTOR	Federal Waste Generator Code Owner	HQ
Federal Waste Generator Code	Conditionally Exempt Small Quantity Generator	State Waste Generator Code Owner	CO

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Subject Property Sites

Short Term Generator	No	Mixed Waste Generator	No
Transporter Activity	No	Transfer Facility	No
Treatment, Storage, Disposal Facility Activity	No	Recycler Activity	No
Onsite Burner Exemption	No	Underground Injection Activity	No
Receives Waste From Off-Site	No	Universal Waste Destination Facility	No
Used Oil Transporter	No	Used Oil Transfer Facility	No
Used Oil Processor	No	Used Oil Refiner	No
Used Oil Fuel Burner	No	Used Oil Fuel Marketer To Burner	No
Used Oil Specification Marketer	No	Opting Into Or Currently Operating Under	No
Part 262 Teaching Hospital	No	Part 262 Non-Profit Research Institute	No
Withdrawal From 40 Cfr Part 262 Subpart K	No	Location Street	1000 AIRPORT RD BOX 1
Mailing Street	1000 AIRPORT RD BOX 1	Contact Street	1000 AIRPORT RD BOX 1
State Waste Generator Description	Same as Federally Defined	Contact Name	LUKE SKAFLEN

North American Industry Classification System

Naics Description	AIRPORT OPERATIONS
Naics Description	AIRPORT OPERATIONS

Site Owners

Owner/Operator Name	DURANGO-LA PLATA COUNTY AIRPORT	Date Became Current	3/16/2010 12:00:00 AM
Street	1000 AIRPORT RD BOX 1		
Owner/Operator Name	DURANGO-LA PLATA COUNTY AIRPORT	Date Became Current	3/16/2010 12:00:00 AM
Street	1000 AIRPORT RD BOX 1		
Owner/Operator Name	CITY OF DURANGO-LA PLATA COUNTY	Date Became Current	3/16/2010 12:00:00 AM
Street	1000 AIRPORT RD BOX 1		
Owner/Operator Name	CITY OF DURANGO-LA PLATA COUNTY	Date Became Current	3/16/2010 12:00:00 AM
Street	1000 AIRPORT RD BOX 1		

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Subject Property Sites

Site Type

Current Site Name	DURANGO - LA PLATA COUNTY AIRPORT	Non-Notifier	Not a non-notifier
Receive Date	20130627	Land Type	Municipal
Contact Title	AVIATION DIRECTOR	Owner Name	CITY OF DURANGO-LA PLATA COUNTY
Operator Name	DURANGO-LA PLATA COUNTY AIRPORT	Short Term Generator	No
Importer Activity	No	Transfer Facility	No
Receives Waste From Off-Site	No	Univ Waste Dest Facility	No
Federal Universal Waste	Yes	Hazardous Secondary Material Indicator	No
Tsd Type	Not in a universe	Post-Closure Workload Universe	Not in a universe
Tsdfs Potentially Subject To Corrective Action Under 3004 (U)/(No	Inst Control Indicator	No
Human Exposure Indicator	N/A	Groundwater Controls Indicator	N/A
State Waste Generator Description	Same as Federally Defined	Location Street	1000 AIRPORT RD BOX 1
Mailing Street	1000 AIRPORT RD BOX 1	Contact Street	1000 AIRPORT RD BOX 1

Additional Waste Data

Universal Waste Type	Batteries	Accumulated	Yes
Universal Waste Type	Lamps	Accumulated	Yes
Universal Waste Type	Pesticides	Accumulated	Yes
Universal Waste Type	Mercury containing equipment	Accumulated	Yes
Universal Waste Type	Mercury containing equipment	Accumulated	Yes
Universal Waste Type	Batteries	Accumulated	Yes
Universal Waste Type	Pesticides	Accumulated	Yes
Universal Waste Type	Lamps	Accumulated	Yes

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Subject Property Sites

Type

Waste Code

Waste Description IGNITABLE WASTE

Waste Description CORROSIVE WASTE

Waste Description IGNITABLE WASTE

Waste Description 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Description ALUMINUM PHOSPHIDE (R,T)

Waste Description BENZENE, METHYL- (OR) TOLUENE

3

DURANGO LA PLATA COUNTY AIRPORT-Unknown
1000 AIRPORT ROAD, DURANGO, CO
Records: 3A,3B,

Site ID: -385064536
Distance: 0 ft, West

3A

Type: Emergency Response Notification System (ERNS)
Source: U.S. EPA and National Response Center's 2009 Emergency Response
Notification System list

Record ID: NAERNS09-919283

Record Details

Description Of Incident CALLER STATED THERE WAS A DRIP OF MATERIALS FROM AN OUT OF SERVICE UNDERGROUND STORAGE TANK DUE TO UNKNOWN CAUSES. CALLER STATED THERE WAS A LOOSE FITTING ON THE STORAGE TANK. CALLER STATED THE SPILL WENT INTO AN EXCAVATION PIT.

Incident Cause UNKNOWN

Incident Dtg DISCOVERED

Type Of Incident STORAGE TANK

Incident Date Time 9/29/2009 3:00:00 PM

Special Program Information

Date Time Received 9/30/2009 1:09:12 PM

Calltype INC

Responsible State XX

Source TELEPHONE

Date Time Complete 9/30/2009 1:19:16 PM

Responsible Org UNKNOWN

Type

On Behalf Of N

Incidents

Power Generating Facility U

Npdes Compliance U

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Subject Property Sites

Dot Regulated	U	Pipeline Above Ground	ABOVE
Exposed Underwater	N	Pipeline Covered	U
Grade Crossing	U	Device Operational	U
Brake Failure	U	Description Of Tank	12000 GALLON UNDERGROUND FIBERGLASS TANK
Tank Above Ground	BELOW	Transportable Container	N
Tank Regulated	U	Capacity Of Tank	12000
Capacity Of Tank Units	GALLON(S)	Allision	U
Structure Operational	U	Airbag Deployed	U
Sub Part C Testing Req	XXX	Passenger Route	XXX
Passenger Delay	XXX		

Incident Details

Fire Involved	N	Fire Extinguished	U
Any Evacuations	N	Any Injuries	N
Any Fatalities	N	Any Damages	N
Air Corridor Closed	N	Waterway Closed	N
Road Closed	N	Major Artery	N
Track Closed	N	Media Interest	NONE
Medium Desc	LAND	Additional Medium Info	INTO THE GROUND
Release Secured	Y	Desc Remedial Action	CALLER STATED THE SOIL WILL BE REMOVED AND PLACED ON PLASTIC AND PROFILED. THE SOIL WILL THEN BE TRUCKED TO AN APPROVED LANDFILL.
State Agency On Scene	NONE	State Agency Report Num	NONE
Weather Conditions	SUNNY	Air Temperature	55
Water Supply Contaminated	U	Additional Info	CALLER DID NOT HAVE ANY ADDITIONAL INFORMATION.
State Agency Notified	EPA REGION 8	Federal Agency Notified	NONE
Offshore	N	Passengers Transferred	NO

Material Involved

Chris Code	JPE	Cas Number	000000-00-0
Amount Of Material	0	Unit Of Measure	UNKNOWN AMOUNT
Name Of Material	JET FUEL JP-8	If Reached Water	NO

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EnviroCheck Radius Search Report

Subject Property Sites

3B

Type: Emergency Response Notification System (ERNS)
Source: U.S. EPA and National Response Center's 1990 to 2005 Emergency Response Notification System list

Record ID: NAERNS90-96-361793

Record Details

Description Of Incident	AIRPORT FUEL FARM STORAGE TANK / TANK OVERFILL	Incident Cause	OPERATOR ERROR
Incident Date Time	9/18/1996 9:00:00 PM	Incident Dtg	OCCURRED
Type Of Incident	FIXED		

Special Program Information

Date/Time Received	9/20/1996 3:14:13 PM	Date/Time Complete	9/20/1996 3:19:38 PM
Call Taker	JJB0993	Calltype	INC
Responsible Party Last Name	ENGEL	Responsible Party First Name	DON
Responsible Party Phone	9702470306	Responsible Party Phone Type	PRIMARY
Responsible Party Company Name	GROENDYDE TRANSPORT	Responsible Party Organization Type	PRIVATE ENTERPRISE
Responsible Party Company Address	2411 DELLWOOD	Responsible Party City	DURANGO
Responsible Party State Name	CO	Responsible Party Zip Code	81302
Source	UNAVAILABLE		

Incidents

Aircraft Type	UNKNOWN	Type Of Fixed Object	UNKNOWN
Power Generating Facility	Unknown	Npdes Compliance	Unknown
Pipeline Type	UNKNOWN	Dept Of Transportation Regulated	Unknown
Pipeline Aboveground	ABOVE	Exposed Underwater	Unknown
Pipeline Covered	Unknown	Grade Crossing	No
Railroad Milepost	UNKNOWN	Type Vehicle Involved	UNKNOWN
Device Operational	Y	Brake Failure	N
Tank Aboveground	ABOVE	Transportable Container	Unknown
Tank Regulated	Unknown	Allision	No
Structure Operational	Yes		

Incident Details

Fire Involved	No	Any Evacuations	No
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Subject Property Sites

Any Injuries	Unknown	Any Fatalities	Unknown
Any Damages	No	Air Corridor Closed	N
Road Closed	No	Medium Desc	LAND
Additional Medium Info	SOIL		

Material Involved

Chris Code	JPV	Amount Of Material	300
Unit Of Measure	GALLON(S)	Name Of Material	JET FUEL: JP-5 (KEROSENE, HEAVY)
If Reached Water	YES	Amount In Water	0
Unit Of Measure Reach Water	NONE		

4

Unknown
1300 AIRPORT DRIVE, DURANGO, CO
Records: 4A,

Site ID: -61779228
Distance: 0 ft, West

4A

Type: Emergency Response Notification System (ERNS)
Source: U.S. EPA and National Response Center's 2010 Emergency Response Notification System list

Record ID: NAERNS10-930038

Record Details

Description Of Incident	CALLER STATED THAT 10 GALLONS OF HYDRAULIC OIL WAS RELEASED FROM AN AIRPORT MAINTENANCE TRUCK DUE TO AN EQUIPMENT FAILURE. A SHEEN WAS DISCOVERED IN THE RETENTION POND. THE POND ALSO RECEIVES STORM WATER FROM THE POND. THE POND ALSO RECEIVES STORM WATER FROM THE PARKING LOT.
Incident Cause	EQUIPMENT FAILURE
Incident Dtg	OCCURRED
Subtable	NAerns10_Calls,NAerns10_Detailed_units,NAERNS10_Incidents,NAERNS10_Incident_details,NAERNS10_Material_Involved,NAERNS10

Special Program Information

Agencyid	930038	Date Time Received	1/29/2010 7:42:27 PM
Date Time Complete	1/29/2010 7:53:42 PM	Calltype	INC
Responsible Company	A/V FLIGHT	Responsible Org Type	PRIVATE ENTERPRISE
Responsible City	DURANGO	Responsible State	CO
Responsible Zip	81303	On Behalf Of	Y
Source	TELEPHONE		

Incidents

Agencyid	930038	Power Generating Facility	U
Npdes Compliance	U	Dot Regulated	U

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Subject Property Sites

Pipeline Above Ground	ABOVE	Exposed Underwater	N
Pipeline Covered	U	Grade Crossing	U
Device Operational	U	Brake Failure	U
Tank Above Ground	ABOVE	Transportable Container	U
Tank Regulated	U	Allision	N
Structure Operational	U	Airbag Deployed	N
Sub Part C Testing Req	XXX	Passenger Route	XXX
Passenger Delay	XXX		

Incident Details

Agencyid	930038	Fire Involved	N
Fire Extinguished	U	Any Evacuations	N
Any Injuries	N	Any Fatalities	N
Any Damages	N	Air Corridor Closed	N
Waterway Closed	N	Road Closed	N
Major Artery	N	Track Closed	N
Media Interest	NONE	Medium Desc	WATER
Additional Medium Info	STORM WATER RETENTION POND	Body Of Water	STORM WATER RETENTION POND
Tributary Of	UNNAMED CREEK	Release Secured	Y
Desc Remedial Action	BOOM APPLIED TO RETENTION POND AND NEAR STORM DRAIN OPENING, SPREAD ABSORBANTS ON THE WATER AND NEAR THE STORM DRAIN.	State Agency On Scene	NONE
State Agency Report Num	NONE	Weather Conditions	OVERCAST
Water Supply Contaminated	U	Additional Info	CALLER STATED THAT HE WILL CONTACT THE STATE DEPT OF HEALTH EMERGENCY RESPONSE. THE REPORTING COMPANY COLLECTED WATER SAMPLES FROM THE RETENTION POND AND FROM THE STREAM TO CHECK FOR VOC'S.
State Agency Notified	WATER QUAL BOARD	Federal Agency Notified	NONE
Offshore	N	Passengers Transferred	NO

Material Involved

Agencyid	930038	Chris Code	OHY
Cas Number	000000-00-0	Amount Of Material	10
Unit Of Measure	GALLON(S)	Name Of Material	HYDRAULIC OIL
If Reached Water	YES	Amount In Water	0
Unit Of Measure Reach Water	UNKNOWN AMOUNT		

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Subject Property Sites

Mobile Details

Agencyid	930038
Hazmat Carrier	N
Noncompliance With Hazmat	U

Vehicle Number	AIRPORT MAINT TRUCK
Carrier Licensed	U
Mobile Type	OTHER

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Surrounding Sites Details

5

DURANGO OPERATIONS CENTER – Unknown
380 AIRPORT RD, DURANGO, CO
Records: 5A, 5B, 5C, 5D, 5E, 5F,

Site ID: 1019235288
Distance: 1304 ft, North West

5A

Type: Aboveground Storage Tanks (AST)
Source: Colorado Oil and Public Safety Division's Storage Tank list

Record ID: COASTLIS-15744

Record Details



Tank Details

Tank Id	34340	Tanktag	'15744-1
Capacity	3000	Product Name	1 - Unleaded Regular (RUL)
Tank Type	AST	Facilityowner	BP AMOCO CO - ATTN FIELD ENVIRONMENTAL COORDINATOR
Description			
Tank Id	34341	Tanktag	'15744-2
Capacity	5500	Product Name	1 - Unleaded Regular (RUL)
Tank Type	AST	Facilityowner	BP AMOCO CO - ATTN FIELD ENVIRONMENTAL COORDINATOR
Description			
Tank Id	34342	Tanktag	'15744-3
Capacity	1000	Product Name	4 - Diesel
Tank Type	AST	Facilityowner	BP AMOCO CO - ATTN FIELD ENVIRONMENTAL COORDINATOR
Description			
Tank Id	34343	Tanktag	'15744-4
Capacity	10000	Product Name	7 - Lube Oil
Tank Type	AST	Facilityowner	BP AMOCO CO - ATTN FIELD ENVIRONMENTAL COORDINATOR
Description			
Tank Id	34344	Tanktag	'15744-5
Capacity	13000	Product Name	6 - Used Oil (Waste Oil)
Tank Type	AST	Facilityowner	BP AMOCO CO - ATTN FIELD ENVIRONMENTAL COORDINATOR
Description			

5B

Type: Leaking Underground Storage Tanks (LUST)
Source: Colorado Oil and Public Safety Division's Leaking Underground Storage Tank list

Record ID: COLUSTIS-15744

Record Details



Estimated Status Closed case or No Further Action

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Surrounding Sites Details

Site Details

Event Id	10819	Log Date	Tuesday, March 10, 2009
Category	Commercial/Industrial	Release Source	Dispenser
Status	Closed	Classification	3.1
Agencyid	15744	Estimated Status	Closed case or No Further Action

5C

Type: Emergency Response Notification System (ERNS)
Source: U.S. EPA and National Response Center's 1990 to 2005 Emergency Response Notification System list

Record ID: NAERNS90-91-91428

Record Details

Description Of Incident	6" PIPELINE / LEAKING, UNKNOWN	Incident Cause	UNKNOWN
Incident Date Time	10/8/1991 9:00:00 AM	Incident Dtg	DISCOVERED
Type Of Incident	PIPELINE		

Special Program Information

Date/Time Received	10/8/1991 12:37:49 PM	Date/Time Complete	10/8/1991 12:40:56 PM
Call Taker	TJW9515	Calltype	INC
Responsible Party Last Name	JENSEN	Responsible Party First Name	JOHN
Responsible Party Phone	3032476815	Responsible Party Phone Type	PRIMARY
Responsible Party Company Name	AMOCO PRODUCTION CO.	Responsible Party Organization Type	PRIVATE ENTERPRISE
Responsible Party Company Address	380 COUNTY ROAD 309	Responsible Party City	DURANGO
Responsible Party State Name	CO	Responsible Party Zip Code	81301
Source	UNAVAILABLE		

Incidents

Aircraft Type	UNKNOWN	Type Of Fixed Object	UNKNOWN
Power Generating Facility	Unknown	Npdes Compliance	Unknown
Pipeline Type	UNKNOWN	Dept Of Transportation Regulated	Unknown
Pipeline Aboveground	ABOVE	Exposed Underwater	Unknown
Pipeline Covered	Unknown	Grade Crossing	No
Railroad Milepost	UNKNOWN	Type Vehicle Involved	UNKNOWN
Device Operational	Y	Brake Failure	N
Tank Aboveground	ABOVE	Transportable	Unknown

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Surrounding Sites Details

Tank Regulated	Unknown	Container	
Structure	Yes	Allision	No
Operational			

Incident Details

Fire Involved	No	Fire Extinguished	Unknown
Any Evacuations	No	Any Injuries	Unknown
Any Fatalities	Unknown	Any Damages	No
Air Corridor Closed	N	Waterway Closed	No
Road Closed	No	Major Artery	N
Track Closed	No	Medium Desc	WATER
Additional Medium Info	IRRIGATION DITCH WHICH WAS IN USE.	Release Secured	Unknown
Desc Remedial Action	MATERIAL ENTERED A FARMERS IRRIGATION DITCH. PIPELINE WAS SHUT IN.	Water Supply Contaminated	U
Community Impact	N	Additional Info	MATERIAL IS NON-HYDROCARBON.
Offshore	No		

Material Involved

Chris Code	NCC	Amount Of Material	50
Unit Of Measure	BARREL(S)	Name Of Material	FRUITLAND COAL WATER (PRODUCED WATER)
If Reached Water	YES	Amount In Water	50
Unit Of Measure	BARREL(S)		
Reach Water			

5D

Type: Emergency Response Notification System (ERNS)
Source: U.S. EPA and National Response Center's 1990 to 2005 Emergency Response Notification System list

Record ID: NAERNS90-94-265548

Record Details

Description Of Incident	GAS WELL / MECHANICAL FAILURE	Direction From City	SE
Distance From City	15	Distance Units	MI
Incident Cause	EQUIPMENT FAILURE	Incident Date Time	10/15/1994 2:30:00 PM
Incident Dtg	DISCOVERED	Type Of Incident	FIXED

Special Program Information

Date/Time Received	10/16/1994 3:28:47 PM	Date/Time Complete	10/16/1994 3:31:43 PM
Call Taker	AJM5909	Calltype	INC
Responsible Party Last Name	JENSON	Responsible Party First Name	JOHN
Responsible Party	3032476800	Responsible Party	PRIMARY

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Surrounding Sites Details

Phone		Phone Type	
Responsible Party Company Name	AMOCO PRODUCTION	Responsible Party Organization Type	PRIVATE ENTERPRISE
Responsible Party Company Address	380 COUNTY RD 309	Responsible Party City	DURANGO
Responsible Party State Name	CO	Responsible Party Zip Code	81301
Source	UNAVAILABLE		

Incidents

Aircraft Type	UNKNOWN	Type Of Fixed Object	UNKNOWN
Power Generating Facility	Unknown	Npdes Compliance	Unknown
Pipeline Type	UNKNOWN	Dept Of Transportation Regulated	Unknown
Pipeline Aboveground	ABOVE	Exposed Underwater	Unknown
Pipeline Covered	Unknown	Grade Crossing	No
Railroad Milepost	UNKNOWN	Type Vehicle Involved	UNKNOWN
Device Operational	Y	Brake Failure	N
Tank Aboveground	ABOVE	Transportable Container	Unknown
Tank Regulated	Unknown	Allision	No
Structure Operational	Yes		

Incident Details

Fire Involved	No	Any Evacuations	No
Any Injuries	Unknown	Any Fatalities	Unknown
Any Damages	No	Medium Desc	WATER
Additional Medium Info	FLORIDA RIVER	Desc Remedial Action	SHUT IN WELL / WATER FLOWED INTO RIVER

Material Involved

Chris Code	NCC	Amount Of Material	275
Unit Of Measure	BARREL(S)	Name Of Material	PROCESS COAL WATER
If Reached Water	YES	Amount In Water	275
Unit Of Measure Reach Water	BARREL(S)		
Chris Code	NCC	Amount Of Material	275
Unit Of Measure	BARREL(S)	Name Of Material	PROCESS COAL WATER
If Reached Water	YES	Amount In Water	275
Unit Of Measure Reach Water	BARREL(S)		

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Surrounding Sites Details

5E

Type: Emergency Response Notification System (ERNS)
Source: U.S. EPA and National Response Center's 1990 to 2005 Emergency Response Notification System list

Record ID: NAERNS90-95-311675

Record Details

Description Of Incident	6 INCH TRANSFER PIPELINE / FAULTY REPAIR	Incident Cause	OPERATOR ERROR
Incident Date Time	10/23/1995 11:00:00 AM	Incident Dtg	OCCURRED
Type Of Incident	PIPELINE		

Special Program Information

Date/Time Received	10/23/1995 5:23:07 PM	Date/Time Complete	10/23/1995 5:25:25 PM
Call Taker	GEB4899	Calltype	INC
Responsible Party Last Name	JENSEN	Responsible Party First Name	JON
Responsible Party Phone	9702476800	Responsible Party Phone Type	PRIMARY
Responsible Party Company Name	AMOCO PRODUCTION CO	Responsible Party Organization Type	PRIVATE ENTERPRISE
Responsible Party Company Address	380 AIRPORT RD	Responsible Party City	DURANGO
Responsible Party State Name	CO	Responsible Party Zip Code	81301
Source	UNAVAILABLE		

Incidents

Aircraft Type	UNKNOWN	Type Of Fixed Object	UNKNOWN
Power Generating Facility	Unknown	Npdes Compliance	Unknown
Pipeline Type	UNKNOWN	Dept Of Transportation Regulated	Unknown
Pipeline Aboveground	ABOVE	Exposed Underwater	Unknown
Pipeline Covered	Unknown	Grade Crossing	No
Railroad Milepost	UNKNOWN	Type Vehicle Involved	UNKNOWN
Device Operational	Y	Brake Failure	N
Tank Aboveground	ABOVE	Transportable Container	Unknown
Tank Regulated	Unknown	Allision	No
Structure Operational	Yes		

Incident Details

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Surrounding Sites Details

Fire Involved	No	Any Evacuations	No
Any Injuries	Unknown	Any Fatalities	Unknown
Any Damages	No	Air Corridor Closed	N
Road Closed	No	Medium Desc	WATER
Additional Medium Info	FLORIDA RIVER	Desc Remedial Action	LEAK IS SECURED / MATERIAL WAS NOT CONTAINED

Material Involved

Chris Code	OTH	Amount Of Material	10
Unit Of Measure	BARREL(S)	Name Of Material	OTHER OIL (PRODUCED WATER)
If Reached Water	YES	Amount In Water	10
Unit Of Measure Reach Water	BARREL(S)		

5F

Type: Emergency Response Notification System (ERNS)
Source: U.S. EPA and National Response Center's 1990 to 2005 Emergency Response Notification System list

Record ID: NAERNS90-96-351230

Record Details

Description Of Incident	6" PIPELINE / VALVE LEAK	Incident Cause	EQUIPMENT FAILURE
Incident Date Time	7/9/1996 4:00:00 PM	Incident Dtg	OCCURRED
Type Of Incident	FIXED		

Special Program Information

Date/Time Received	7/10/1996 5:11:16 PM	Date/Time Complete	7/10/1996 5:14:50 PM
Call Taker	TXP3025	Calltype	INC
Responsible Party Last Name	JENSON	Responsible Party First Name	JOHN
Responsible Party Phone	9702476800	Responsible Party Phone Type	PRIMARY
Responsible Party Company Name	AMOCO PRODUCTION CO	Responsible Party Organization Type	PRIVATE ENTERPRISE
Responsible Party Company Address	380 AIRPORT RD	Responsible Party City	DURANGO
Responsible Party State Name	CO	Responsible Party Zip Code	81301
Source	UNAVAILABLE		

Incidents

Aircraft Type	UNKNOWN	Type Of Fixed Object	UNKNOWN
Power Generating Facility	Unknown	Npdes Compliance	Unknown
Pipeline Type	UNKNOWN	Dept Of Transportation	Unknown

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Surrounding Sites Details

Pipeline Aboveground	ABOVE	Regulated Exposed Underwater	Unknown
Pipeline Covered	Unknown	Grade Crossing	No
Railroad Milepost	UNKNOWN	Type Vehicle Involved	UNKNOWN
Device Operational	Y	Brake Failure	N
Tank Aboveground	ABOVE	Transportable Container	Unknown
Tank Regulated	Unknown	Allision	No
Structure Operational	Yes		

Incident Details

Fire Involved	No	Fire Extinguished	Unknown
Any Evacuations	No	Any Injuries	Unknown
Any Fatalities	Unknown	Any Damages	No
Air Corridor Closed	N	Waterway Closed	No
Road Closed	No	Major Artery	N
Track Closed	No	Medium Desc	WATER
Additional Medium Info	BEAVER CREEK	Release Secured	Unknown
Desc Remedial Action	NONE	Water Supply Contaminated	U
Community Impact	N	Additional Info	CALLER STATES MATERIAL HAS NO HYDROCARBONS => NO CLEAN UP OPERATIONS REQUIRED.
Offshore	No		

Material Involved

Chris Code	NCC	Amount Of Material	1
Unit Of Measure	BARREL(S)	Name Of Material	PRODUCED WATER
If Reached Water	YES	Amount In Water	1
Unit Of Measure Reach Water	BARREL(S)		

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List of Unlocatable Sites

There are no unlocated sites that appear to have an impact on this property

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About This Report

The databases searched to compile the enclosed report are gathered from numerous federal, state and local governing environmental entities. All of the databases required to be searched by ASTM Standard E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process - Section 8.2, Standard Environmental Records Sources, have been included in this report, and searched to the required distances from the subject property. Additionally, EnviroCheck Solutions, Inc (ECS) has acquired other valuable databases and integrated them into this report in order to provide more valuable information to our clients regarding hazardous materials storage and release sites within a onemile radius from the subject property.

ECS has created a sophisticated data update system, keeping our report databases as current as possible (surpassing ASTM E1527 requirements). ECS consistently requests and updates data from each of the government agencies used to create this report. Depending on the type of database, records are updated at the agencies at varying intervals (daily, monthly, quarterly, semi-annually, or annually). An overall data update (including all available updates) is loaded into our specialized software on a quarterly basis.

It should be clearly understood that this database/map report lists only reported and accurately entered sites. Numerous sites have yet to be discovered and therefore are not yet listed by any governmental agency. The most effective way to determine if a site may be listed by a government agency in the future is by performing a Transaction Screen or Phase I Environmental Site Assessment, which include a professional site inspection and review of historical records. This radius report satisfies only one subsection requirement found within the ASTM Phase I Environmental Site Assessment reporting requirements. This report should not be considered a Phase I Environmental Site Assessment. If no sites are found for a database searched, the database and its description are excluded from the report details so as to report recorded sites only. Sites that include erroneous or incomplete address information may not show up on the report. Every attempt is made to include a listing of these unlocated sites in the report where there is a possibility of their impacting the subject property, but no guarantee can be made.

ECS has used a technology called Geocoding to locate the sites on the map. While this technology is the standard of care in the industry and is generally reliable for well formatted, complete and correct addresses, due to the limitations of this technology no guarantee of the accuracy of site placement can be made.

For specific data inquiries, interpretations or environmental consultation contact us via email at service@envirochecksolutions.com, or via telephone at 866-517-5513. A full summary of our firm, including services offered and pricing can be viewed at www.envirochecksolutions.com.

DISCLAIMER

ECS has researched and obtained certain State and Federal environmental databases (Data) to assist its client's in meeting the requirements of ASTM E 1527-13. ECS has obtained Data that is readily available and of adequate quality to be included in this report. As of the date of this report, there are certain Data that are either not yet available or are not of adequate quality and therefore are not included in this Report.

This report contains data obtained from multiple governmental agencies. EnviroCheck Solutions, Inc. cannot insure the accuracy of the enclosed information. ECS is in no way responsible for errors and/or omissions occurring in data, data conversion, or for the client's use of the information (report). ECS and its affiliates cannot be held liable for accuracy, storage, loss or expense suffered by customers resulting directly or indirectly from any data provided by ECS. No warranty expressed or implied is made in any way in connection with this report.

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Searched Databases

NPL: National Priority List Sites

Sites found on the NPL database or the Proposed NPL database. NPL sites are a special category among National Superfund (CERCLA) Sites listed in the EPA's CERCLIS database. NPL sites are of serious, high concern and priority based on a national comparison to sites needing investigations and contamination cleanup activities (remediation). These sites, some of the worst in the nation, normally contain high levels of various contaminants that have spread over relatively long distances and usually require long term, highly expensive remediation technologies. Proposed NPL sites are of serious concern and are in the process of being evaluated for categorization as National Priority List sites. Delisted NPL sites have been removed (delisted) from the NPL if no further response or action is appropriate at the site, per EPA guidelines.

- U.S. Environmental Protection Agency's National Priority List
- U.S. Environmental Protection Agency's Proposed National Priority List

CORRACTS: Corrective Action Sites

CORRACTS is subsets of data found within the Federal RCRA database (RCRIS) or other state database. RCRA Corrective Action is the process by which areas at a hazardous waste facility are evaluated and, if necessary, are cleaned up. TSD facilities are often also listed as CORRACTS facilities.

- U.S. Environmental Protection Agency's Corrective Action list

TSD: Treatment, Storage and Disposal Sites

TSDs are subsets of data found within the Federal RCRA database (RCRIS) or other state database. TSD sites treat, store and/or dispose of hazardous materials and are federally permitted. TSD facilities are often also listed as CORRACTS facilities.

- U.S. Environmental Protection Agency's Treatment, Storage and Disposal list

DEFENSE: FUDS and DOD Sites

These sites are Formerly Used Defense Sites (FUDS) and Department of Defense (DOD sites). The U.S. Army Corps of Engineers and/or the U.S. Department of Defense is actively working or will be taking the necessary steps to address any cleanup activities needed on these properties.

- Army Corps of Engineers' Formerly Used Defense Munition Response Sites Layer
- Army Corps of Engineers' Formerly Used Defense Munitions Response Area Layer
- Army Corps of Engineers' Formerly Used Defense Properties Layer

BROWN: Brownfields Cleanup and Reuse Database

The U.S. Environmental Protection Agency (EPA) defines a Brownfield site as "real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant." Common examples of Brownfield sites are abandoned gas stations and dry cleaners, railroad properties, factories, and closed military bases. Brownfield sites are located throughout the country, and the U.S. EPA as well as state governments have compiled a listing of these sites. Voluntary Cleanup Program Sites are sometimes also included in this category.

- Colorado Department of Public Health and Environment's Voluntary Cleanup Sites Database

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Searched Databases

DEED: List of Deed Restrictions

The implementation of recorded land use restrictions within property deeds is one of the methods agencies use to protect the public from unsafe exposures to hazardous substances and wastes. Sites with deed restrictions are often contaminated, however levels of contaminants and methods used to control migration of contaminants are controlled and approved by the agency. These are also called Environmental Covenants or Use Restrictions

- Colorado Department of Public Health and Environment's Environmental Covenants List

CERCLIS: CERCLIS/Superfund Database

The below-listed sites are found on the CERCLIS database. The CERCLIS database contains information on hazardous waste sites, site inspections, preliminary assessments, and remediation of hazardous waste sites under CERCLA (Superfund). The database contains general information on sites including location, status, contaminants, and actions taken. This database includes those CERCLIS sites not included on the NPL or Proposed NPL databases. This includes sites determined to be "No Further Remedial Action Planned" (NFRAP) sites are contained within this database. NFRAP sites may be properties where, following an initial investigation, no contamination was found, contamination was removed quickly, or the contamination was not serious enough to require Federal Superfund action.

- U.S. Environmental Protection Agency's CERCLIS list
- U.S. Environmental Protection Agency's CERCLIS No Further Action list

CONTROLS: Institutional and Engineering Controls

U.S. EPA's and State Engineering Control Sites List and/or Institutional Control Sites List. The Engineering Control Sites list are facilities that have engineered controls in place, such as capping, containment, slurry walls, extraction wells and/or treatment methods that are intended to manage environmental and health risks by reducing contamination levels at a site, or limiting exposure pathways. The Institutional Control Sites list are administrative or legal devices, such as deed restrictions, to ensure that engineering controls stay in place and/or to ensure that land use restrictions stay in place.

- U.S. Environmental Protection Agency's Engineering Controls list
- U.S. Environmental Protection Agency's Institutional Controls list

LUST: Leaking Underground Storage Tanks

The below-listed sites are found on LUST databases. LUST records contain an inventory of reported leaking underground fuel storage tank incidents. Thousands of underground storage tanks have leaked within the United States, and both open and closed cases are reported on this list. These leaks can affect subsurface soils and groundwater. Both state and local agencies oversee and track these sites.

- Colorado Oil and Public Safety Division's Leaking Underground Storage Tank list
- U.S. EPA's Region 1 Leaking Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 10 Leaking Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 5 Leaking Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 6 Leaking Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 7 Leaking Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 8 Leaking Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 9 Leaking Underground Storage Tank list on Tribal lands

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Searched Databases

SWIS - Solid Waste Information System

The SWLF database contains information on solid waste facilities, operations, and disposal sites throughout the United States. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites.

- City and County of Denver Historic Landfill Database
- Colorado Department of Public Health and Environment's Landfill list

HAZMAT: Hazardous Materials Storage and Incident Records

Data is gathered from local fire and health departments where available. This data includes information on hazardous materials storage, use and disposal sites as well as incident reports, hazardous materials inventory and business plan documents, spills and releases.

- Drug Enforcement Administration's Clandestine Drug Labs List
- U.S. Environmental Protection Agency's Toxics Release Inventory Database

ERNS: Emergency Response Notification System

Sites listed as having a reported release of oil and hazardous substances that have been called into the Federal and/or state agencies. Minor to major spills are reported and these cases are sometimes turned over to other regulatory agencies for further investigation.

- Office of Hazardous Materials' Hazardous Materials Incident Database, 1993-2004
- Office of Hazardous Materials' Hazardous Materials Incident Database, 2005-2006
- Office of Hazardous Materials' Hazardous Materials Incident Database, 2007-2008
- Office of Hazardous Materials' Hazardous Materials Incident Database, 2009
- Office of Hazardous Materials' Hazardous Materials Incident Database, 2010
- Office of Hazardous Materials' Hazardous Materials Incident Database, 2011
- Office of Hazardous Materials' Hazardous Materials Incident Database, 2012
- Office of Hazardous Materials' Hazardous Materials Incident Database, 2013
- U.S. EPA and National Response Center's 1987-1988 Emergency Response Notification System list
- U.S. EPA and National Response Center's 1989 Emergency Response Notification System list
- U.S. EPA and National Response Center's 1990 to 2005 Emergency Response Notification System list
- U.S. EPA and National Response Center's 2006 Emergency Response Notification System list
- U.S. EPA and National Response Center's 2007 Emergency Response Notification System list
- U.S. EPA and National Response Center's 2008 Emergency Response Notification System list
- U.S. EPA and National Response Center's 2009 Emergency Response Notification System list
- U.S. EPA and National Response Center's 2010 Emergency Response Notification System list
- U.S. EPA and National Response Center's 2011 Emergency Response Notification System list
- U.S. EPA and National Response Center's 2012 Emergency Response Notification System list

GENERATOR: Small and Large Hazardous Materials Generators

GENERATORS is a subset of data found within the Federal RCRA database (RCRIS) or other state GENERATORS list. RCRA GENERATORS are federally permitted generators of varying amounts of hazardous materials. A listing on the GENERATOR database does not directly indicate a release has occurred, only that the site generates hazardous materials.

- U.S. Environmental Protection Agency's Hazardous Waste Generator list

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Searched Databases

UST: Underground Storage Tank Sites

The databases include permitted active, inactive and closed UST facilities recorded with the below mentioned agencies. A listing on the UST databases does not directly indicate a release has occurred, only that the site currently or historically contained an underground storage tank.

- Colorado Oil and Public Safety Division's Storage Tank list
- U.S. EPA's Region 1 Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 10 Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 4 Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 5 Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 6 Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 7 Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 8 Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 9 Underground Storage Tank list on Tribal lands

AST: Aboveground Storage Tank Facilities

Permitted active, inactive and closed AST facilities recorded with the state or local agencies are included. A listing on the AST database does not directly indicate a release has occurred, only that the site currently or historically contained an aboveground storage tank.

- Colorado Oil and Public Safety Division's Storage Tank list

EMISSIONS: Air Emissions Sites

Sites found on various air emissions databases like dry cleaners and related facilities that have air emissions permits with the state and/or local air quality district.

- Colorado Department of Public Health and Environment's CAIS Database

HAZNET: Hazardous Waste Information System

HAZNET databases track hazardous materials from "cradle to grave". Some of the sites listed are licensed transportation companies but most are facilities that have had hazardous materials transported off the site or have received hazardous materials

- California Department of Toxic Substance Controls's Hazardous Waste Transportation System 1993-2012 Tanner List. Includes Nationally relevant data!
- New Jersey Dept of Environmental Protection's Manifest Database

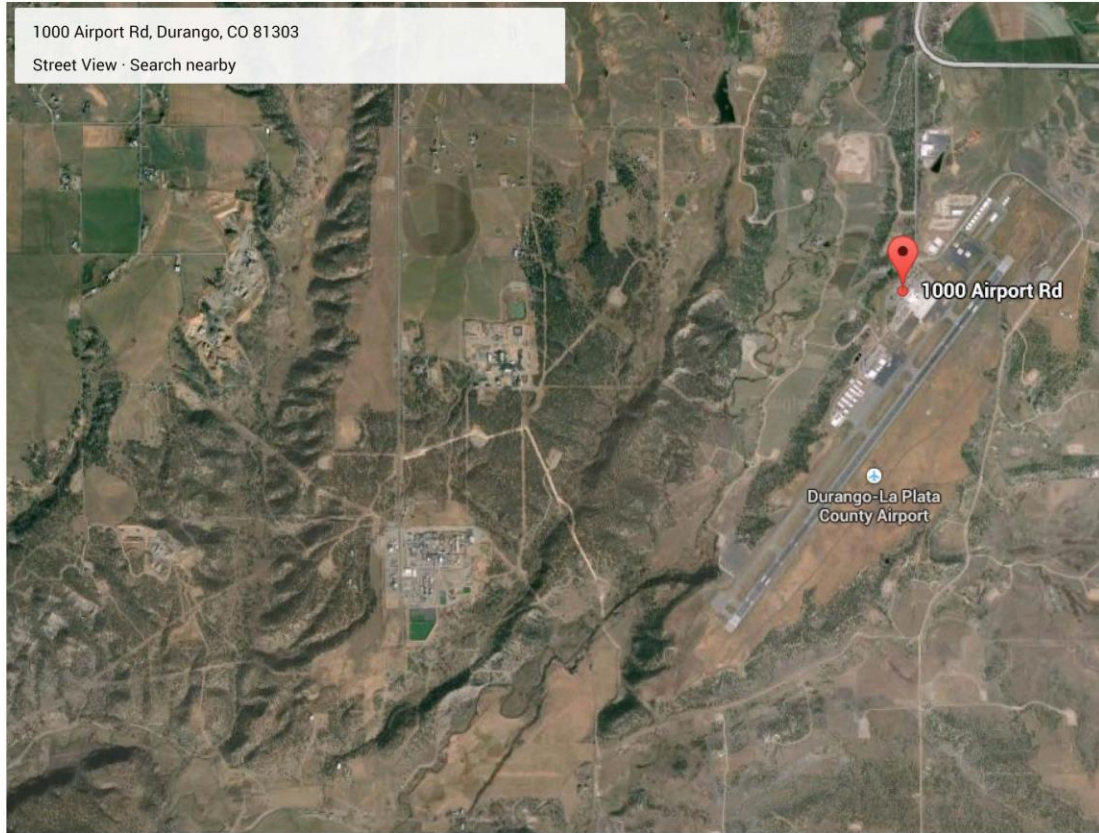
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1000 Airport Rd - Google Maps



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Appendix C: Site Photographs Taken During Reconnaissance Survey



Photograph 1. Airport AVGAS Tanks



Photograph 2. Airport AVGAS Tank Dispenser area



Photograph 3. Airport hangars and “green box” transformers



Photograph 4. Airport boneyard



Photograph 5. Airport boneyard



Photograph 6. Airport boneyard



Photograph 7. Dump in arroyo



Photograph 8. Stormwater outlet near southwest corner of airport

Appendix D: Qualifications of the Environmental Professional

KEITH FOX

ENVIRONMENTAL SCIENTIST & PROJECT MANAGER

776 E. Second Avenue
Durango, CO 81301

fox@ecosphere-services.com

(970) 382-7256

QUALIFICATIONS SUMMARY

Keith Fox brings two decades of experience in the environmental/regulatory compliance field to the Ecosphere team. For over 16 years, Keith has performed environmental compliance work for public and private sector clients in the western United States, working extensively on electric power transmission line projects in Colorado, New Mexico, and California. He also provides consulting services for the oil and gas and mining industries in the Four Corners region. Areas of environmental consulting expertise include:

- Environmental Compliance and Permitting, particularly National Environmental Policy Act (NEPA), Clean Water Act (CWA) and Resource Conservation and Recovery Act (RCRA)
- Due Diligence review/Phase 1 and Phase 2 Environmental Site Assessments
- Health and Safety
- Soil and Groundwater Contamination
- Electricity Transmission and Distribution Utilities
- Renewable Energy
- Extractive industries (oil and gas, mining)Transportation Sector (government and private sector)
- Real Estate/Financial Institutions
- Water and Waste Water Utilities

EDUCATION

Organic Chemistry, MS 1990

University of New Mexico, Albuquerque

Chemistry, BA 1987

University of Colorado, Boulder

PROFESSIONAL EXPERIENCE

Ecosphere Environmental Services 2003 – Present
Durango, Colorado

Plateau Environmental Services, Inc. 1995 – 2004
Durango, Colorado

New Mexico Environment Department 1990 – 1995
Albuquerque, New Mexico

Years Experience: 22

Years w/Ecosphere: 8

**Trainings • Certifications •
Professional Affiliations**

HAZWOPER 40 Hour
Training, current with 8
Hour Refresher ▪ 1990

HAZWOPER 24 Hour Site
Supervisor Training ▪ 1992

MSHA 24 Hour Surface Coal
Miner Training ▪ 2011

REPRESENTATIVE PROJECT EXPERIENCE

Transmission Line Permitting Project Experience

For the past five years, Mr. Fox has focused his project work on electric power transmission line projects in Colorado, New Mexico, and California. The projects have included transmission line siting constraints and opportunity analysis for major transmission line right of way (ROW) projects, NEPA documentation for ROW grants and construction projects on federal and private lands, and NEPA documentation for ROW projects (transmission lines and distribution lines) for projects on the Southern Ute Indian Reservation. For these projects, Mr. Fox was the project manager and primary author for the documents, and provided research and analysis for technical sections. Specific projects and clients include:

- Project manager and primary author for NEPA documentation for LE1 Transmission Line and Substation project for El Paso Electric Company. The LE1 transmission line project requires NEPA document preparation for a 14-mile transmission line construction project crossing a combination of public (BLM and NM State Land Office) and private lands in Doña Ana County, New Mexico. Leading development of the Environmental Assessment (EA) to evaluate environmental impacts to biological, physical, social, and economic elements of the environment and preparation of the Certificate of Public Convenience and Necessity (CCN) and local permitting for the project.
- Project manager and technical lead for preparation of an Environmental Assessment for a 36-mile transmission line reauthorization project as a third party NEPA contractor for the San Juan National Forest and Tri State Generation and Transmission Association. Project activities included field evaluation of proposed access routes, preparation of Construction, Operation and Maintenance Plan, coordination of contractors and preparation of EA and associated technical reports.
- Project manager, technical editor, and primary author for an Environmental Summary Report for a 65-mile transmission line project associated with a proposed Tessera Solar power plant in San Bernardino, California. The Environmental Summary Report described the affected environment for all social, socioeconomic, and physical resources present within the project area, and provided a general description of the potential impacts of the proposed project on each resource.
- Technical lead and primary author for preparation of an opportunity and constraints analysis for the proposed Tri-State Generation and Transmission Association - San Juan Basin Energy Connect project. The proposed project is an 80-mile 230 kV transmission line located in northwest New Mexico and southwest Colorado. The report analyzed constraints and opportunities for construction of the transmission line utilizing publicly available Geographic Information System data and existing utilities and infrastructure.
- Project manager and primary author for an Environmental Assessment (EA) prepared as a BLM third party contractor for a Tri-State Generation and Transmission Association 16-mile transmission line project in southwest Colorado (under sub contract to View Point West, Montrose, Colorado). Evaluated resource impacts and current management emphasis for all BLM sections of the project. Managed permitting process through BLM and compiled and edited project Plan of Development (POD).
- Project manager and primary author for an EA for a La Plata Electric Association – 4-

mile transmission line construction project on the Southern Ute Indian Reservation, Ignacio Colorado. The EA was prepared for the Bureau of Indian Affairs, Southern Ute Agency, with review by the Southern Ute Indian – Department of Natural Resources.

- Archuleta County Transmission Line Feasibility Project (constraints analysis) – La Plata Electric Association and Tri State Generation and Transmission Association (under sub contract to View Point West, Montrose, Colorado).
- Technical review for an EA and BA for the Kinder Morgan – Blanco Compressor Station, 23-mile transmission line project. The project was located in northwest New Mexico, and it traversed a combination of public and private lands. Primary approval for the project was from the Bureau of Land Management in the form of a Right-of-Way grant for construction and operation of the transmission line on public lands.

NEPA Compliance/Document Preparation

- Project manager and primary author for Environmental Assessment (EA) for a Kinder Morgan mineral resource (CO2) development project within Canyons of the Ancients National Monument; Montezuma County, Colorado.
- Primary author and project manager for Pagosa Area Water and Sanitation District – Highlands Lagoon sewer project. Prepared EA and technical review for BA and Clean Water Act permit for 7-mile sewer line construction project; Archuleta County, Colorado.
- Project Manager for 181 square miles BP America seismic exploration project completed on BLM, state and private land in NW New Mexico – 2004 and 2005. Principal author for the EA—describing the project and potential impacts of the project to critical elements of the natural environment. Supervisor for the 10-member biological survey team that provided threatened and endangered and sensitive species surveys for the proposed project area, and biological compliance during project implementation. Managed team health and safety activities and represented environmental team at project progress meetings.
- Primary author for an EA for the Rock Creek Second Addition Project; Town of Ignacio, Colorado. Mr. Fox completed resource investigations and prepared the EA following federal NEPA requirements. The EA evaluated the resources present in the 30-acre project area and resources surrounding the area. Specific resource issues included potential wetland areas present at the site; potential historic irrigation ditch structures; and noise and visual issues associated with the construction of the proposed project. Consultation with the US Army Corps of Engineers and the State Historic Preservation Office (SHPO) was performed to ensure project compliance with the federal regulations.

Due Diligence

- Completed Phase 1 Environmental Site Assessments (ESA) for over 100 real estate transaction projects in Colorado and New Mexico. Property sizes range from small commercial parcels to thousand acre ranches.
- Managed and the primary author for a Phase 1 ESA for the Rocky Mountain Oil Testing Center/Naval Petroleum Reserve #3 facility in Casper, Wyoming. Under contract to the Department of Energy, a Phase 1 ESA was completed on the 10,000-acre facility in compliance with ASTM 1527-05 standard. Fieldwork was completed with a staff of 6 field crew members, all inspection data was collected electronically and input into a priority matrix for ease of data review and analysis. Project was completed in support of property transfer plans for the facility.

Health and Safety

- Health and Safety Coordinator for Ecosphere Environmental Services – 2004 to present. Coordinate all health and safety training, documentation and compliance. Attend safety meetings and trainings, maintain company safety program, and perform routine internal and subcontractor safety audits.
- Completed industrial health and safety inspections at heavy equipment shops located throughout New Mexico. The inspections covered all aspects of facility compliance with local and federal fire regulations, state, and federal OSHA regulations and general environmental compliance. Inspections were performed quarterly and followed up with verbal and written reports to the local facility managers and client health and safety officer.

Soil, Groundwater, and Air Contamination

- Self employed environmental consultant (1995 – 2004), contracting for approximately 30 hours per week on soil, groundwater, and air contamination issues, UST investigations and reclamations, Phase 1 and 2 Environmental Site Assessments (ESAs) and NEPA compliance work in the Four Corners area. Projects included investigation and reclamation activities at LUST sites; groundwater flow monitoring and sampling as part of an oil and gas development impact study and coordination and analysis of indoor air quality sampling at a solvent impacted public facility. Phase 2 investigation activities included soil and water sampling and radiation screening for private and public sites developed with Uranium mill tailings material.
- Project Manager for numerous petroleum product contamination investigation and remediation sites located in southwest Colorado. Completed soil and groundwater sampling activities to document the extent and magnitude of soil and groundwater contamination as required by Colorado Petroleum Storage Tank Regulations. Prepared and implemented soil and groundwater reclamation plans to address contamination issues and to avoid risk and exposure to the public as a result of hydrocarbon spills and releases.
- Project manager for investigation and reclamation activities at a Colorado Voluntary Cleanup Program site located in southwest Colorado. Completed initial response and immediate investigation and emergency response activities for a solvent spill at a commercial facility. Coordinated and supervised investigation activities and short and long term reclamation of contaminated soils. Prepared groundwater contamination investigation report documenting on site and off site levels of contamination. Assisted in the design and implementation of a groundwater reclamation strategy. Performed long term monitoring and implementation for reclamation of contaminated groundwater. Performed indoor air monitoring at residences adjacent to the project area, to assure no public health exposure limits were being exceeded due to the shallow groundwater contamination.

KRISTA DEARING, RG

SENIOR GEOLOGIST/PROJECT MANAGER

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(623) 910-6898

QUALIFICATIONS SUMMARY

Krista Dearing is a senior geologist and project manager possessing extensive experience in environmental geology projects, hydrogeological investigations, and environmental compliance. Her strengths include being a strategic, intellectual, focused researcher with in-depth experience in field techniques and data interpretation; capable of maximizing investigations for efficiency and best results. She is diplomatic, social, versatile team player, flexible, and knowledgeable.

EDUCATION

Geology, MS University of Cincinnati, Cincinnati, Ohio	1993
Geology, BS University of Cincinnati, Cincinnati, Ohio	1991

PROFESSIONAL EXPERIENCE

Ecosphere Environmental Services Durango, Colorado / Phoenix, Arizona	2014 – Present	OSHA 1910.120 40-Hour HAZWOPER Training
Tetra Tech, Inc. Phoenix, Arizona	2006 – 2014	OSHA 1910.120 8-Hour Supervisory Training
Miller Brooks Environmental, Inc. Phoenix, Arizona	2004 – 2006	MSHA Part 46 24-Hour Training
SWCA Phoenix, Arizona	2002 – 2004	RCRA Hazardous Waste Management
Parsons Group Cincinnati, Ohio / Phoenix, Arizona	1999 – 2002	DOT Hazardous Waste Materials Transport
Dames & Moore Group Cincinnati, Ohio	1993 - 1999	American Institute of Professional Geologists (AIPG)
		Society of Mining, Metallurgy, and Exploration (SME)
		Arizona Hydrological Society (AHS)
		Arizona Mining and Industry Get Our Support (AMIGOS)
		Arizona Registered Geologist No. 41784

REPRESENTATIVE PROJECT EXPERIENCE

Representative Mining, Hydrogeology, and Remediation

- Project Manager for Oracle Ridge Mining (ORM) LLC Environmental Permitting and NEPA Analysis, Tucson, AZ. Responsible for supporting the ORM Feasibility Study and Mine Closure Plan, preparing NEPA EIS documentation, Aquifer Protection Plan (APP) Significant Amendment, CWA 404 permit application, as well as all environmental permitting/consultation required by local, state, and federal agencies.
- Project Manager for Characterization and Reclamation of a Former Smelter Site in Pinal County, Arizona. Prepared Sampling and Analysis Plan (SAP), conducted soil survey to characterize the nature and extent of RCRA metals in soil in and around the approximately 200-acre site, evaluated soil analytical data to determine if a Risk Assessment was necessary, developed and implemented detailed reclamation procedures, prepared Closure Plan.
- Project Manager, Bureau of Indian Affairs, Acid Mine Drainage Study to evaluate regional groundwater quality related to acid mine drainage from the United Verde Mine located in Jerome, Arizona. The study included the evaluation of heavy metals in the sediment of Bitter Creek, which bisects Yavapai-Apache Tribal land; the analysis of drinking water from several domestic wells; and evaluation of regional groundwater quality.
- Hydrologist, Exelon Generation, Victoria, Texas, U.S. Nuclear Regulatory Commission Combined Operating License Environmental Report. Prepared groundwater and surface quality characterization sampling and analysis plan (SAP), lead field team to conduct quarterly water quality data to be included in Exelon's NEPA Environmental Report.
- Project Manager, Shell Oil Products, Sarawak, Malaysia, Borneo. Lead the environmental restoration of Shell Malaysia's 115-acre Lutong Refinery. Relocated to Malaysia for 1 year; prepared the remedial action plan (RAP); oversaw preparation of USEPA Tier II risk assessment to establish site-specific risk-based cleanup levels for total petroleum hydrocarbon-contaminated soil and groundwater; prepared the quality assurance project plan and sampling and analysis plan (QAPP/SAP) and project execution plan; and obtained all required permits. Site restoration included the demolition of remaining refinery structures, and land farming (bioremediation and aeration) of contaminated soil and groundwater.

Representative NEPA

Project Manager for the following Applicants' Environmental Report (ER) – U.S. Nuclear Regulatory Commission (NRC) Operating License Renewal Stage in accordance with NRC 10 CFR Part 51 and NEPA:

- Palo Verde Nuclear Generating Station (PVNGS), Arizona
- Perry Nuclear Generating Station, Perry, Ohio
- LaSalle Nuclear Generating Station, Central Illinois
- Byron and Braidwood Generating Stations; Exelon; Central Illinois
- Callaway Unit 1 Nuclear Power Plant, Fulton, Missouri
- South Texas Project (STP) Nuclear Generating Station, Bay City, Texas

Managed and/or supported various federal agency NEPA Environmental Impacts Statements (EIS) including:

- Federal Aviation Administration and the State of New Mexico, Spaceport America NEPA EIS.
- Bureau of Indian Affairs: EIS for the Land Title Transfer of 1,200 acres of fee land to the United States in trust for the Yavapai-Apache Nation, Camp Verde, AZ.
- National Parks Service: EIS for the Colorado River, Grand Canyon Reach, to update the 1989 Colorado River Management Plan.
- Federal Energy Regulatory Commission: EIS for an underground natural gas storage facility including a 45-mile natural gas pipeline corridor in Kingman, Arizona.
- U.S. Fish and Wildlife Service: EIS's and Comprehensive Conservation Plans for the Desert National Wildlife Refuge and four other National Wildlife Refuges in southern Nevada.