

September 6, 2016 File: BO16176B

Mr. Robert E. Reed, Jr. Development Director Affordable Housing Solutions 1276 River Street, Suite 300 Boise, Idaho 83702 rreed@bcacha.org

RE: Phase I Environmental Site Assessment

Proposed Sandhill Crane Apartments 3099, 3101, 3113 & 3119 W. Moore Street Boise, Idaho

Dear Mr. Reed:

Strata, A Professional Services Corporation (STRATA) is pleased to provide this Phase I Environmental Site Assessment (ESA) for the proposed Sandhill Crane Apartments to be located at 3099, 3101, 3113, and 3119 W. Moore Street in Boise, Idaho. STRATA accomplished our scope of services referencing ASTM E1527-13 and our proposal dated May 13, 2016.

Based on our Phase I ESA findings, STRATA did not identify Recognized Environmental Conditions (RECs), historic recognized environmental condition (HREC), or controlled recognized environmental condition (CREC) associated with the site.

This report is for the exclusive use of Affordable Housing Solutions and the City of Boise; we do not authorize its use to other parties without the express written permission of Affordable Housing Solutions, the City of Boise, and STRATA. This evaluation reflects only conditions reported and/or observed at the site at the time of this evaluation. This acknowledgement is in lieu of any express or implied warranties. We appreciate the opportunity to work with you on this project. Please contact us if you have any questions or comments.

Sincerely, STRATA

Andrew Provant, P.G.

**Environmental Project Manager** 

APP/nm/

Cristina Brischler

Environmental Department Manager

#### Phase I Environmental Site Assessment

Proposed Sandhill Crane Apartments 3099, 3101, 3113, and 3119 W. Moore Street Boise, Idaho

#### PREPARED FOR:

Mr. Robert E. Reed, Jr. Development Director Affordable Housing Solutions 1276 River Street, Suite 300 Boise, Idaho 83706



## PREPARED BY:

STRATA

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#### **Phase I Environmental Site Assessment**

Proposed Sandhill Crane Apartments 3099, 3101, 3113, & 3119 W. Moore Street Boise, Idaho

#### 1.0 INTRODUCTION

## 1.1 Purpose

STRATA, A Professional Services Corporation (STRATA) is providing this authorized Phase I Environmental Site Assessment (ESA) for the proposed Sandhill Crane Apartments to be located at 3099, 3101, 3113, and 3119 W. Moore Street in Boise, Idaho. The property, referencing ASTM E 1527-13, will be referred to as the 'site' in this report. The purpose of this Phase I ESA is to provide information regarding the potential for *recognized environmental conditions* (RECs), *controlled recognized environmental conditions* (CRECs), and/or historical recognized environmental conditions (HRECs) to exist on the subject site or properties within the *Approximate Minimum Search Distance* (AMSD) to contribute RECs to the subject site. This report summarizes our physical and historical records review, interviews, and visual site reconnaissance; and presents our opinions.

## 1.2 Scope of Services

We performed the Phase I ESA referencing our proposal dated May 13, 2016, and ASTM E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The purpose of this ESA is to assist Affordable Housing Solutions in developing information to identify RECs in connection with the site as reflected by the scope of this report. This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews, including local government inquiries, as applicable, user-provided information, and a visual noninvasive reconnaissance of the site and adjoining properties. Limitations and ASTM deviations are discussed in Section 1.4 of this report.

#### 1.3 Significant Assumptions

STRATA made necessary assumptions to conduct the above scope of services including:

- Historic releases of hazardous materials to the environment were reported and noted in the jurisdictional agency files;
- Hazardous materials were not released to the environment prior to the recording and retention of information; and

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Affordable Housing Solutions is performing the Chain of Title and Environmental Lien document searches.

## 1.4 Scope Limitations and ASTM Exceptions

Our findings related to field observations, historical research, and interviews in this report reflect the site conditions as of the published date of this report. This is a historical review and visual surface assessment. Conditions may exist below the ground surface which were not apparent during the site reconnaissance. Information provided to STRATA is believed to be reliable, but STRATA cannot warrant or guarantee that the information is complete or accurate. STRATA's ESA performance is intended to reduce, but not eliminate uncertainty regarding the potential for RECs in connection with the site, and this practice recognizes reasonable limits of time and cost.

Our services consist of professional opinions and recommendations made referencing ASTM E 1527-13 and generally accepted environmental assessment practices in the area and at the time of our work. This acknowledgment is in lieu of all express or implied warranties.

Report findings are based upon current site utilization, information derived from the most recent reconnaissance and from other activities described herein; such information is subject to change. Certain hazardous substance or petroleum product indicators may have been latent, inaccessible, unobservable or not present during our reconnaissance and may subsequently become observable (such as after site renovation or development). Further, these services are not to be construed as legal interpretation or advice. Additionally, Chain of Title and Environmental Lien documents were not provided to STRATA.

#### 1.5 Reliance

This report is prepared for the express use of Affordable Housing Solutions and the City of Boise, and reflects the conditions reported and/or observed at the subject site at the time of the site reconnaissance. STRATA entitles no third parties (except a governmental entity having jurisdiction over the site) the right to rely upon the information contained in the report unless our express written consent is first obtained. Reliance on the ESA beyond Affordable Housing Solutions and the City of Boise by other parties will be subject to the terms, conditions, and limitations stated in the proposal, Phase I ESA report, and our Agreement for Services dated August 23, 2016, with you. STRATA prohibits utilizing this report to evaluate other sites; and any such use is at that parties' own risk.

## 2.0 SITE DESCRIPTION

**Table 1: Site Description** 

Site Name	Proposed Sandhill Crane Apartments
Site Location/Address	3099, 3101, 3113, and 3119 W. Moore Street, Boise, Idaho
Land Area	3.05 Acres
Additional Site Improvements	A sewer line, irrigation ditch, and overhead power lines traverse the site.

Figure 1 depicts the site location on a 2016 aerial photograph. A site plan, also depicted on a 2016 aerial photograph, is provided as Figure 2.

## **Adjoining Properties**

Visual observations of adjoining/surrounding properties from site boundaries and readily-accessible public areas are summarized below:

**Table 2: Adjoining/Surrounding Properties** 

Direction	Description
North	Residential property
South	Residential properties
East	W. Moore Street (northeast), residential properties
West	N. Whitewater Park Blvd., Esther Simplot park

#### 3.0 USER PROVIDED INFORMATION

STRATA provided a User Questionnaire, as outlined in ASTM E 1527-13 to Mr. Robert Reed, Jr. with Affordable Housing Solutions on May 13, 2016. We summarize the responses in the following sections.

## 3.1 Environmental Liens or Activity and Use Limitations

Mr. Reed was not aware of any environmental liens or activity and use limitations filed or in-place at the site.

## 3.2 Specialized Knowledge

Mr. Reed has no specialized knowledge relating to the site and adjacent properties.

## 3.3 Commonly Known or Reasonably Ascertainable Information

Mr. Reed stated that past property use included single-family residential parcels.

#### 3.4 Valuation Reduction for Environmental Issues

Mr. Reed stated the purchase price of the site is reflective of fair market value in his opinion.

#### 3.5 Reason for Performing Phase I ESA

Mr. Reed stated this Phase I ESA is being performed at the purchaser's request to fulfill real estate due diligence requirements prior to sale.

#### 4.0 RECORDS REVIEW

United States Environmental Protection Agency (EPA) and Idaho Department of Environmental Quality (DEQ) database information was provided by Environmental Data Resources (EDR), a contract information services company. Information in this section is subject to the accuracy of the data provided by EDR and the dates the information was updated. The scope herein did not include locating facilities listed as "orphan" or "unmappable," unless it was readily identifiable by the information provided.

## 4.1 Federal, State, and Tribal Databases

Listed below are the names and number of facilities identified on federal, state, and tribal databases within the indicated search areas. Database definition, descriptions, and the database search report are included in the appendices.

**Table 3: Federal and State Databases** 

	Database	Description	Radius (Miles)	Facilities
eral	NPL	The National Priorities List (NPL) database by the USEPA lists uncontrolled or abandoned hazardous waste facilities for priority remedial actions under the Superfund Program.	1.0	0
Feder	Delisted NPL	USEPA Delisted NPL database list for hazardous waste facilities that have undergone remedial actions under the Superfund Program.	0.5	0

Database		Description	Radius (Miles)	Facilities
	SEMS	The Superfund Enterprise Management System (SEMS) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed to support Superfund. Formerly known as the Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS), The list contains potentially hazardous waste sites reported to USEPA by states, municipalities, private companies, and private persons.	0.5	0
	CERCLIS/ NFRAP Archive	The Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) database is a compilation of facilities that the USEPA has investigated or is currently investigating for a release or threatened release of hazardous substances pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980. NFRAP (No Further Remedial Action Planned) are facilities that are removed and archived from its inventory of CERCLA sites.	0.5	0
	RCRA CORRACTS / TSD	The USEPA maintains a database of Resource Conservation Recovery Act (RCRA) facilities associated with treatment, storage, and disposal (TSD) of hazardous materials that are undergoing "corrective action." A "corrective action" order is issued when there has been a release of hazardous waste or constituents into the environment from a RCRA facility.	1.0	0
	RCRA Non- CORRACTS / TSD	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities that report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.	0.5	0
	RCRA Generators	The USEPA maintains the RCRA Generators database, which lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as large, small, or conditionally exempt. Large quantity generators (LQG) produce at least 1000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. Small quantity generators (SQG) produce 100-1000 kg/month of non-acutely hazardous waste. Conditionally exempt small quantity generators (CESQG) are those that generate less than 100 kg/month of non-acutely hazardous waste.	Site and Adjoining	1
	ERNS	The Emergency Response Notification System (ERNS) is a listing compiled by the USEPA on reported releases of petroleum and hazardous substances to the air, soil, and/or water.	Site	0
	SPL	The DEQ does not maintain a database of state equivalent national priority list (SPL) facilities in the State of Idaho.	1.0	NA
	SHWS	The DEQ does not maintain a database of state equivalent CERCLIS (SCL) facilities in the State of Idaho.	0.5	NA
State	SWF	DEQ maintains a database of Solid Waste Facilities (SWF) located within the state of Idaho. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.	0.5	0
	LUST	DEQ provides a computer-generated database of the Leaking Underground Storage Tanks (LUST) in the state of Idaho.	0.5	6
	UST	DEQ has compiled a database of registered Underground Storage Tanks (UST) in the State of Idaho, which may include the owner and location of the USTs. This database may also include registered Above Ground Storage Tanks (ASTs).	Site and Adjoining	2



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Database		Description	Radius (Miles)	Facilities
	Institutional / Engineering Controls	The state of Idaho maintains site listings with engineering and institutional controls in place. Such controls may include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances; or groundwater use, construction, property use restrictions, or post remediation care requirements.	Site	0
	VCP	DEQ has a Voluntary Cleanup Program to encourage innovation and cooperation between the state, local communities and private parties to revitalize prperties with hazardous substances or petroleum contamination.	0.5	0
	Brownfields	DEQ is developing a comprehensive statewide inventory of Brownfields sites. Brownfields are abandoned or underutilized properties where the reuse is complicated by actual or percieved environmental contamination.	0.5	0

The EDR report did not identify the site in the database. The report identified 1 RCRA generator, 6 LUST facilities, and 2 UST facilities within the ASTM search distance. Based on our reviewing the records provided by EDR, reviewing DEQ's LUST Database, the facilities' distance from the site, and/or hydrogeologic relationship with respect to the site, these 9 facilities do not appear to represent RECs to the site. The LUST facilities were located hydrogeologically downgradient or across a barrier (Boise River) that prevents petroleum contamination or vapors to migrate to and impact the site.

Unmapped facilities are those that do not contain sufficient address or location information to evaluate the facility listing locations relative to the site. Unmapped facilities are not listed in the EDR unmapped section.

## 4.2 Local Agency Inquiries

#### 4.2.1 Building, Planning, and Zoning

STRATA submitted a public records request to the City of Boise Clerk's Office regarding available site building records. Ms. Eunice Otero, Administrative Specialist Sr. with Planning & Development Services, provided records for our review of 3101, 3113, and 3119 W. Moore Street. Ms. Otero stated she did not have any building records or permits for 3099 W. Moore Street.

An expired building permit (BLD99-03471) dated November 23, 1999, was issued to Boise Construction to erect a detached engineered steel-clad post frame storage building for the owner Mr. Timothy Claiborne on 3101 W. Moore Street. On November 7, 2002, a demolition permit (BLD02-01410) was issued to Shoreline Plaza, Inc, identified as the site owner, for



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removal of a single-family dwelling.

A building permit (BLD02-01409) dated November 6, 2002, for demolition of a single-family dwelling located at 3113 W. Moore Street was issued to Boise Demolition Co. Inc. A building permit (BLD01-02042) was issued, but expired on October 8, 2001, for demolition of a single-family dwelling owned by the Donaldson N, W, & D Trust.

The site is currently zone R-2 Medium Density Residential.

## 4.2.2 Idaho Department of Environmental Quality

STRATA reviewed the DEQ Facility Mapper database on August 25, 2016, to review available records pertaining to potential site or nearby property listing as a Brownfields, UST/LUST, RCRA Hazardous Waste Site, Formerly Used Defense Site, Mining operation, Solid Waste facility, NPL, VCP participant, or general remediation site. The site was not listed on the DEQ Facility Mapper database.

#### 4.2.3 Fire Department

STRATA submitted a public records request to the Boise City Fire Department regarding site incident responses and UST records on August 26, 2016. The Boise City Fire Department had not responded at report issuance. If the fire department provides information that may change report conclusions we will prepare an addendum.

#### 4.2.4 Health District

STRATA accessed the Central District Health Department online septic system record search on August 25, 2016. The record review indicated the Central District Health Department did not have records or information with respect to the site.

#### 5.0 PHYSICAL SETTING

The table below outlines the physical setting information for the site and surrounding area:

**Table 4: Physical Setting Information** 

PHYSICAL S	ETTING INFORMATION FOR SITE AND SURROUNDING AREA	SOURCE	
Topography			
Site Elevation	2,660 feet Above Mean Sea Level		
Surface Runoff/ Topographic Gradient	West, shallow gradient	Boise North USGS Topographic	
Closest Surface Water	An irrigation ditch traverses the northeast and central site area, water was flowing during the site reconnaissance. A pond hydraulically-linked with the Boise River is 130 feet to the west.	Map, Dated 1976	
Soil Characteristic	es		
Soil Type:	Urban land-Ballentine Complex, 0 to 1 percent slopes; Urban land-Bissell complex, 0 to 2 percent slopes.		
Description:	Urban land-Ballentine complex soils are comprised of fine sandy loam to 35 inches in depth and stratified gravelly coarse sand to very gravelly loamy sand from 35 to 70 inches. They are derived from coarse-loamy alluvium over sandy and gravelly alluvium; and are commonly associated with stream terraces. Depth to water is between 40 and 60 inches; they are not prone to ponding, and flooding is rare.  Urban land-Bissell complex soils are comprised of loam, clay loam, and sandy loam to 66 inches in depth. They are derived from loamy alluvium; and are commonly associated with fan remnants and stream terraces. Depth to water is greater than 80 inches; they are not prone to ponding or flooding.	NRCS Website, Ada County Area Accessed August 25, 2016	
Geology/Hydrogeo			
Formation:	Alluvium of Boise and Snake Rivers	Othberg and Stanford	

	PHYSICAL SETTING INFORMATION FOR SITE AND SURROUNDING AREA		
Description:	Sandy cobble gravel grading to sandy pebble gravel. Channel alluvium of the Boise River, ranges between 20 and 46 feet thick.	(1992) STRATA GEE (in progress)	
Boompaon	Logged test pits from a geotechnical engineering evaluation (GEE) indicated 3 to 5 feet of silty sand overlying at least 8 to 10 feet of silty gravel with sand.		
Estimated Depth to First Occurrence of Groundwater:	Approximately 10 feet	STRATA GEE (in progress) IDWR Well Drillers Logs, Accessed August 25, 2016	
Primary Aquifer	Boise Valley Aquifer	Graham and Campbell (1981)	
*Hydrogeologic Gradient:	To the west/northwest *	Graham and Campbell (1981)	

<sup>\*</sup>The groundwater flow direction and the depth to shallow groundwater, if present, would likely vary depending upon seasonal variations in rainfall, irrigation, nearby surface water body flows, and/or the depth to the soil/bedrock interface. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be accurately ascertained.

#### 6.0 HISTORICAL USE INFORMATION

#### 6.1 Historical Topographic Maps

Readily available USGS historical topographic maps were obtained from EDR, and selected maps were reviewed to identify RECs in connection with the site. Selected historical topographic maps are summarized below:

- Soise, 30-minute, USGS Quadrangle, 1892: (1:125,000)
- Boise North, Idaho USGS Quadrangle, 1953: (1:24,000)
- Soise, 15-minute, USGS Quadrangle, 1954: (1:62,500)
- Boise North, Idaho USGS Quadrangle, 1971: (1:24,000)
- Boise North, Idaho USGS Quadrangle, 1976: (1:24,000)
- Boise North, Idaho USGS Quadrangle, 2013: (1:24,000)

A summary of our historical topographic map review is provided below:



**Table 5: Historical Topographic Maps** 

Direction	Description
Site	1892: Development not shown. 1953-1954: Five structures are shown. Structures are shown within a residential grid adjacent to the northwest of the city of Boise urban area. 1971-2013: Structures are not shown. Northeastern site portion is shown within the city of Boise urban area.
North	1892: Development not shown. 1953-1954: What appear to be residential structures are shown. Sand Creek Flume is identified. 1971-1976: Moore Street is identified adjacent to the northeast. Sand Creek Flume is now identified as Crane Creek Flume (Aqueduct). Several large buildings are shown north beyond Crane Creek. 2013: N. Rose Street and ITD Dr. are identified to the north.
East	1892: Development not shown. 1953-1954: Residential structures and the Boise urban area are shown. 1971-2013: Moore Street is identified on the northeast. An urban residential street grid pattern is shown. State Street is identified further to the east.
South	1892: Development not shown. 1953-1976: Development is not shown adjacent to the south. Further to the south are light-duty roads and one structure. 2013: Stewart Avenue is identified.
West	<ul> <li>1892: Development not shown.</li> <li>1953-1954: Development is not shown adjacent to the west. The Boise River is shown further to the west.</li> <li>1971-1976: No change from previous topographic maps with the exception that a diversion dam structure is identified on the Boise River.</li> <li>2013: Boise Cascade lake is identified to the west-northwest.</li> </ul>

STRATA did not identify features in the topographic maps that might constitute a REC with respect to the site.

## 6.2 Historical Aerial Photographs

We reviewed readily available historical aerial photographs obtained from Ada County, EDR, and Google Earth. A photograph's quality and scale may limit the effectiveness of our evaluation of these aerials. Copies of aerial photographs from 1938, 1964, 1974, 1977, 1981, 1992, 1998, 2006, 2009, 2011, and 2016 are included in Appendix C. The following is a summary of the aerial photographs:

**Table 6: Historical Aerial Photographs** 

Direction	Description
Site	1938-1977: Residential structures appear to be situated along a gravel road (W. Moore Street). Pasture/cultivated fields are shown southwest of the structures. West Moore Street is shown as paved in 1974. 1981-1998: No change from previous aerial photographs. 2006-2016: The residential structures have been removed, and the site appears undeveloped.
North	<ul> <li>1938: Pastureland and rural residential structures are shown. The Sand Creek/Crane Creek Flume is shown traversing from northeast to southwest.</li> <li>1964: A large structure and paved parking area (Idaho Transportation Department headquarters) has been constructed north beyond the residential buildings and pasture.</li> <li>1974-1981: No change from previous aerial photograph.</li> <li>1992: Additional structures are shown on the ITD headquarters complex.</li> <li>1998-2016: No change from previous aerial photograph.</li> </ul>
East	<ul> <li>1938: Rural residential properties with small field plots are shown. Streets are in grid system.</li> <li>1964-1981: Residential structure in-filling of open parcels.</li> <li>1992-2016 Residential parcels.</li> </ul>
South	1938: Pastureland/cultivated fields are shown. 1964-1981: Residential structure in-filling of open parcels. 1992-2016: Residential parcels.
West	1938: Wooded area along a Boise River side channel. The Boise River is shown further to the west.  1964: A large sawmill complex is shown with multiple buildings and log stacks, west beyond a small wooded area. What appears to be corral structures are also shown. A large pond has been excavated adjacent to the Boise River, and a diversion dam and diversion channel constructed.  1974: The first large pond has been backfilled and a second large pond excavated closer to the western site boundary. Another large pond (with light-brown water color) has been excavated to the west-northwest. The sawmill operations appear to have changed over to gravel mining.  1977: The second large pond has been expanded to the west and south (water color is light-brown). The other large pond previously identified with light-brown water, has cleared and shows blue water.  1981: The pond water color remains blue. Gravel mining activities continue on the parcels southern end.  1992: The pond has been partially back-filled; and the two ponds are separated by a small dike on the northwest side. Gravel mining activities appear to have ceased.  1998: Small-scale gravel mining activities.



Direction	Description
	2006-2011: The parcel appears vacant. 2016: A four-lane paved road (N. Whitewater Park Blvd) bounds the site on the west. West across N. Whitewater Park Blvd the former sawmill/gravel mine parcel is being developed as a park.

Though the sawmill (1964) and gravel mining operation (1974-1981) identified adjacent to the west in the aerial photographs might be considered RECs; these parcels are considered hydrogeologically cross- to down-gradient from the site and site impact from historic parcel activities is unlikely. The historic adjacent parcel operations are not considered RECs with respect to the site.

## 6.3 Historical City Directories

STRATA reviewed EDR's City Directory Abstract which includes listings for West Moore Street. As near as possible 10-year intervals from 1963 to 2013 were reviewed. The site is not listed. The results of the directory review are summarized below.

**Table 7: City Directory Review** 

Direction	Description
Site	3099 W. Moore Street: No listing (1963-2013) 3101 W. Moore Street: Residence (1963-2008), No listing (2013) 3113 W. Moore Street: Residence (1963-2008), No listing (2013) 3119 W. Moore Street: Vacant (1963-2008), No listing (2013)
North	3120-3205 W. Moore Street: Residential Listings (1963-2013)
East	3000-3200 Block W. Moore Street: Residential listings (1963-2013)
South	3000-3100 block W. Moore Street: Residential listings (1963-2013)
West	No listings identified

STRATA did not identify listings in the city directories that might constitute a REC with respect to the site.

## 6.4 Historical Fire Insurance Maps

In the late nineteenth century, the Sanborn Company began preparing maps of central business districts for use by fire insurance companies. These maps were updated and expanded geographically periodically through the twentieth century. The Sanborn maps often indicate

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construction materials of specific building structures and the location of gasoline storage tanks.

Historical fire insurance maps produced by the Sanborn Map Company were requested from EDR

to evaluate past uses of the site and adjoining properties. Based upon inquiries to EDR, Sanborn

Maps were not available for the site area. A copy of the EDR Sanborn Map report indicating no

coverage is included in Appendix C.

6.5 Title Search

A title search was not included as part of the scope of services. Affordable Housing

Solutions provided STRATA with a copy of the September 10, 2001 Warranty Deed transferring

site ownership from Mr. and Mrs. Patrick and Kristina Duynslager to Shoreline Plaza, Inc.

6.6 Environmental Liens and Activity Use Limitations

Affordable Housing Solutions did not provide environmental lien records recorded against

the site. Reviewing these records was not included as part of the scope of services and unless

notified otherwise, we assume that the Affordable Housing Solutions is evaluating this information.

6.7 Historical Interviews

STRATA interviewed Ms. Deanna Watson, representative for Shoreline Plaza LLC, the

current site owner. Ms. Watson stated that Shoreline Plaza LLC purchased the property in

September 2001, and that a Phase I ESA was conducted at that time. She stated that the site has

been residential and that several residential structures were removed by Shoreline Plaza LLC

around 2002. Further information indicated the homes were abated for asbestos, and disposed by

Northwest Technologies, Inc. of Boise, Idaho. She was not aware of other hazardous materials or

other environmental concerns associated with the site. STRATA was not provided with contact

information for the owners prior to Shoreline Plaza LLC; and did not conduct interviews with prior

owners.

6.8 Prior Report Review

We did not receive prior site reports for review; however, Mr. Reed provided a summary of

a September 6, 2001, Phase I ESA prepared by Mr. Harry Beaulieu, which "uncovered no areas of

environmental concern with respect to buried hazardous waste."

6.9 Site Use Summary

The following table summarizes past site uses based upon our historical topographic

maps, aerial photographs, historical city directories, and interviews.

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**Table 8: Site Use Summary** 

Approximate Dates	Historic Site Use
1938-2001	Residential land with pasturage
2002-Present	Undeveloped and vacant

## 6.10 Data Gaps

STRATA identified identify data gaps associated with the historical use information for the subject site during our research. These include:

- Chain of title or environmental lien information was not provided by Affordable Housing Solutions for STRATA's review.
- STRATA was not provided with previous owner contact(s). Previous owners were not interviewed for this ESA.
- Aerial photographs were not available between 1938 and 1964.
- Boise City Fire Department had not responded to a records request at report issuance.

It is our opinion that these data gaps should not significantly impact our ability to identify RECs with respect to the site.

#### 7.0 SITE RECONNAISSANCE

#### 7.1 General Site Information

Our site observations and information from interviews and other references is presented in the following tables and subsections. Figure 2 depicts the site and surrounding properties on a 2016 aerial photograph. Appendix D contains photographic documentation from the visual reconnaissance.

**Table 9: General Site Information** 

Site Reconnaissance		
Field Personnel	Andrew Provant, P.G.	
Reconnaissance Date	August 25, 2016	
Weather	Clear, 70°F	
Site Contact/Title	N/A	
Site Description		
Site Name	Proposed Sandhill Crane Apartments	
Site Location/Address	3099, 3101, 3113, and 3119 W. Moore Street, Boise, ID	



Adjoining Streets	N. Whitewater Park Blvd and W. Stewart Street
Land Area	3.05 acres
Site Topographic Relief	Generally flat
Site Utilities	
Electricity	Idaho Power Company
Drinking Water	None, to be provided by Suez
Wastewater	None, to be provided by city of Boise
Natural Gas	None, to be provided by Intermountain Gas Company

# 7.2 Site Occupant and Operation Description

The site is structurally undeveloped and unoccupied. Ground cover includes sapling and mature trees, grass, weeds, and a blackberry thicket. An irrigation ditch traverses within the northeastern site portion. Access is from W. Moore Street on the northeast via driveways.

#### 7.3 Site Observations

The following table summarizes site observations and interviews. Affirmative responses (designated by a "Yes") are discussed in more detail in the subsections following the table.

**Table 10: Site Characteristics** 

Category	Item or Feature	Item or Feature Observed
Sita Operations	Emergency generators	No
Site Operations, Processes, and	Elevators	No
Equipment	Air compressors	No
Equipment	Hydraulic lifts	No
Abovoground	Evidence of aboveground storage tanks	No
Aboveground Chemical or	Drums, barrels and/or containers ≥ 5 gallons	No
Waste Storage	Cleaning and/or similar supplies	No
wasic olorage	SDS	No
Underground	Evidence of underground storage tanks or ancillary UST equipment	No
Chemical or	Sumps, cisterns, catch basins and/or dry wells	No
Waste Storage,	Grease traps	No
Drainage or	Septic tanks and/or leach fields	No
Collection	Oil/water separators	No
Systems	Pipeline markers	No
	Interior floor drains	No
Electrical Transformers/	Pad or pole mounted transformers and/or capacitors	Yes
PCBs	Generators	No



Category	Item or Feature	Item or Feature Observed
	Stressed vegetation	Yes
	Stained soil	No
	Stained pavement or similar surface	No
	Trash, debris and/or other waste materials	Yes
	Dumping or disposal areas	Yes
Evidence of	Construction/demolition debris and/or dumped fill dirt	Yes
Releases or Potential	Surface water discoloration, odor, sheen, and/or free floating product	No
Releases	Strong, pungent or noxious odors	No
	Exterior pipe discharges and/or other effluent discharges	No
	Laboratory hoods and/or Incinerators	No
	Waste treatment systems and/or water treatment systems	No
	Compressor blowdown	No
Other Netable Cite	Surface water bodies	Yes
Other Notable Site	Quarries or pits	No
Features	Wells	No

#### **Electrical Transformers/PCBs**

#### Pad or Pole Mounted Transformers

Two pole-mounted transformers were observed on separate power line poles in the northern site area. A blue "non-PCB" label was affixed to one transformer casing, while the second transformer was not labeled (Appendix D, Photographs 19 and 20). Evidence of transformer oil staining or leakage was not observed on either transformer casing or on the ground beneath each transformer. The transformers do not represent a REC at the site.

#### **Evidence of Releases or Potential Releases**

#### Stressed Vegetation

Dead mature trees were observed in the southwestern site area (Appendix D, Photograph 21). However, new saplings and volunteer growth was observed at the base of the trees and in open space around the trees. The dead trees are not considered a REC with respect to the site at this time.

#### Trash, debris and/or other waste materials

Wind-blown and household trash was observed during the site reconnaissance (Appendix D, Photograph 22). The trash was not hazardous in nature and does not represent a REC at the



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site.

<u>Dumping or Disposal Areas</u>

Yard waste including lawn clippings and tree branches were observed on the northeastern

site portion (Appendix D, Photographs 23 and 24). Small chunks of asphalt were also noted

(Appendix D, Photograph 25). The dumped yard waste and asphalt are not considered RECs to

the site at this time.

Construction/Demolition and/or Dumped Fill Dirt

A small fill dirt pile was observed on the northeastern site portion (Appendix D, Photograph

26). The fill pile was comprised of silty sand, and may have originated as dredge material from the

adjacent irrigation ditch. Staining was not observed and odors were not noted in the fill pile. The fill

pile is not considered a REC to the site at this time.

**Other Notable Site Features** 

Surface Water Bodies

An irrigation ditch traverses the northern site portion (Appendix D, Photographs 27 and

28). Water was flowing in the ditch at the time of the site reconnaissance. Evidence of sheens or

odors was not noted in the ditch water. The irrigation water is not considered a REC to the site

at this time.

7.4 Interviews with Current Owners or Individuals Familiar with the Site

STRATA interviewed Ms. Deanna Watson representative for Shoreline Plaza, LLC the

current site owner. Ms. Watson supplied the historical information provided in this report's Section

6.8.

8.0 VAPOR ENCROACHMENT SCREENING

STRATA conducted a Tier 1 Vapor Encroachment Screening (VES) of the site in

accordance with ASTM E 2600-15, Standard Practice for Vapor Encroachment Screening on

Property Involved in Real Estate Transactions. The purpose of this VES is to identify a vapor

encroachment condition (VEC), which is the presence or likely presence of chemicals of

concern (COCs) vapors in the vadose zone of the site. A VEC may exist if a source of COCs,

such as contaminated soil and/or groundwater, exists on or near the site. In accordance with the

standard, the Area of Concern (AOC) is defined as the approximate minimum search distance

including an area within 1/3 mile of the site boundary for COCs and 1/10 mile of the site

5

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boundary for petroleum hydrocarbons COCs. Information derived from the VES will be used to

make a statement regarding vapor intrusion at the site. Vapor intrusion evaluates the potential

exposure risks to persons within a building resulting from vapor migration into structures on the

site.

8.1 Site Use

The site is currently a vacant and undeveloped, former residential property and is

planned for medium density residential development. Future planned structures on the site

include apartments or townhomes.

8.2 Description of Adjoining Properties

A comprehensive summary of adjoining properties is provided in Section 2.0, Site

Description. STRATA did not observe potential sources of COCs on the adjoining properties

within the AOC that may create a VEC or potential VEC for structure(s) located on the site.

8.3 Government Records Review

STRATA researched federal, state, local, and tribal government records, as applicable to

the site, in conformance with ASTM E2600-15 to assess whether existing or potential COC

sources were present on or within the AOC to the site boundary.

COC sources were not identified on the site or within the AOC to the site boundary.

8.4 Historical Records Review

STRATA reviewed historical records pertaining to the site's prior use including title

records, lease information, tax records, and city directory listings to evaluate whether known or

potential COC sources were historically present on or within the AOC to the site boundary. COC

sources were not identified on the site or within the AOC to the site boundary in historical

records.

8.5 Site Physical Characteristics

The site's physical setting including local soil type and geological, hydrological,

hydrogeological, and topographical information is discussed in Section 5.0, Physical Setting.

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8.6 Potential Vapor Pathways

STRATA did not identify significant natural or constructed conduits, such as utility

corridors, storm drains, Karst terrain, fractured bedrock, etc., that may provide a vapor migration

pathway into structures on the site.

8.7 Specialized User Knowledge

STRATA did not identify COC sources in our information review provided by the user, or

interviews conducted in the course of this Phase I ESA. A detailed compilation of the user

information provided to STRATA is presented in Section 3.0, User Provided Information, and a

summary of attempted and completed interviews is provided in Section 7.4, Interviews with

Current Owners or Individuals Familiar with the Site.

8.8 Summary

Following the completion of a Tier 1 VES, STRATA determined a VEC does not exist for

the site.

9.0 ADDITIONAL SERVICES

Per the authorized environmental scope of services, additional services (e.g., asbestos

testing, wetlands evaluation, lead based paint testing, lead in drinking water testing, radon testing,

etc.) were not conducted.

10.0 EVALUATION

Mr. Andrew Provant, P.G. conducted the site reconnaissance on August 25, 2016. The site

is located at 3099, 31010, 3113, and 3119 W. Moore Street in Boise, Idaho. We provide our

cursory finding summary below. However, details are not included or fully developed in this section,

and the report must be read in its entirety for a comprehensive understanding of the items

contained herein.

The site is structurally undeveloped and unoccupied. Ground cover includes sapling and mature trees, grass, weeds, and a blackberry thicket. An irrigation drainage traverses

the northern site area.

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The site was residentially developed land from at least 1938 to 2001. Site residential buildings were demolished in approximately 2002. From 2002 to the present, the site has been vacant.

The EDR report identified 1 RCRA, 6 LUST, and 1 UST facility within the ASTM search radius. Based on our reviewing the records provided by EDR, reviewing DEQ's LUST Database, the facilities' distance from the site, and/or hydrogeologic relationship with respect to the site, these facilities do not appear to represent RECs to the site. The LUST facilities were not located where subsurface utilities would likely have provided a conduit for petroleum contamination or vapors to impact the site.

Following the completion of a Tier 1 VES, STRATA determined a VEC does not exist for the site.

#### 11.0 CONCLUSIONS

We performed this Phase I ESA in general accordance with the scope and limitations of ASTM Practice E 1527-13 for the proposed Sandhill Crane Apartments to be located at 3099, 3101, 3113, and 3119 W. Moore Street in Boise, Idaho. Any exceptions to, or deletions from, this practice are described in this report's Sections 1.4 and 6.10. This assessment has revealed no evidence of RECs, HRECs, or CRECs in connection with the property.

#### 12.0 RECOMMENDATIONS

Based upon this assessment's scope of services and limitations we do not recommend additional site investigation at this time.

## 13.0 ENVIRONMENTAL PROFESSIONAL QUALIFICATIONS

We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. We developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Supporting documentation and the qualifications of the environmental professional and personnel conducting the site reconnaissance and interviews are provided in Appendix E.

#### 14.0 REFERENCES

ASTM International. "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" ASTM E 1527-13, ©2013.



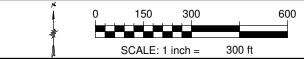
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- United States Department of Agriculture, National Resource Conservation Service website http://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx, Ada County, Idaho, Soil Maps, Accessed August 25, 2016.
- United States Geologic Survey (USGS), 1976, 7½-Minute Series (Topographic) Quadrangle Map, Boise North, Idaho, 1:24,000.
- Watson, Deanna, Executive Director, Boise City/Ada County Housing Authority, interview with Andrew Provant, August 30, 2016.





# **VICINITY MAP**

**Phase I Environmental Site Assessment Proposed Sandhill Crane Apartments** 3099, 3101, 3113, & 3119 W. Moore Street Boise, Idaho

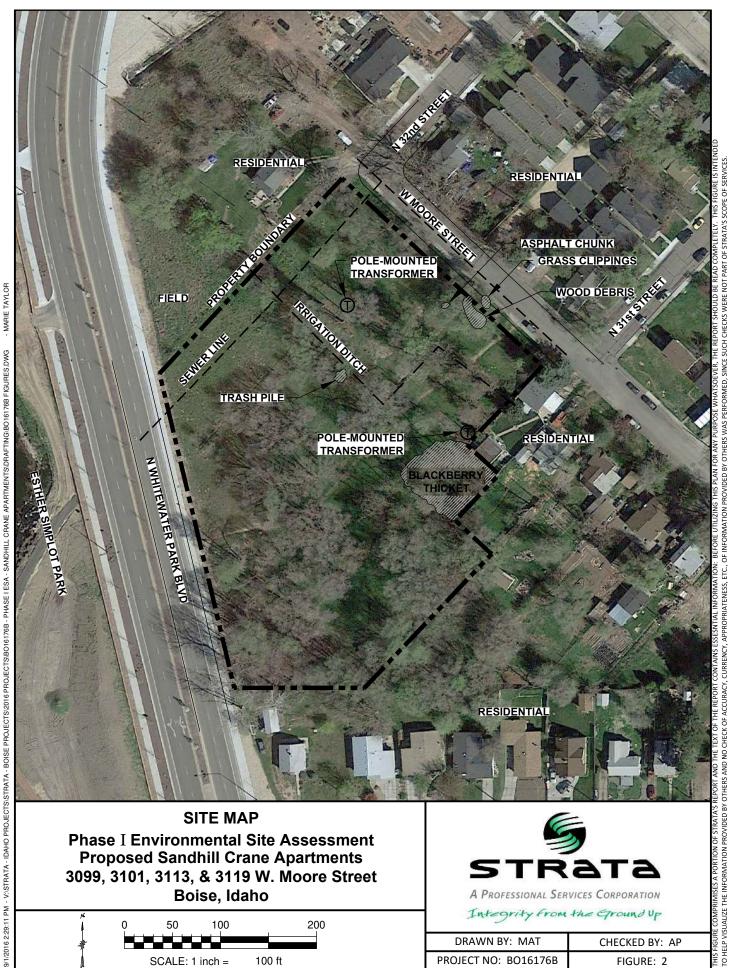




A PROFESSIONAL SERVICES CORPORATION

Integrity from the Ground Up

DRAWN BY: MAT	CHECKED BY: AP
PROJECT NO: BO16176B	FIGURE: 1



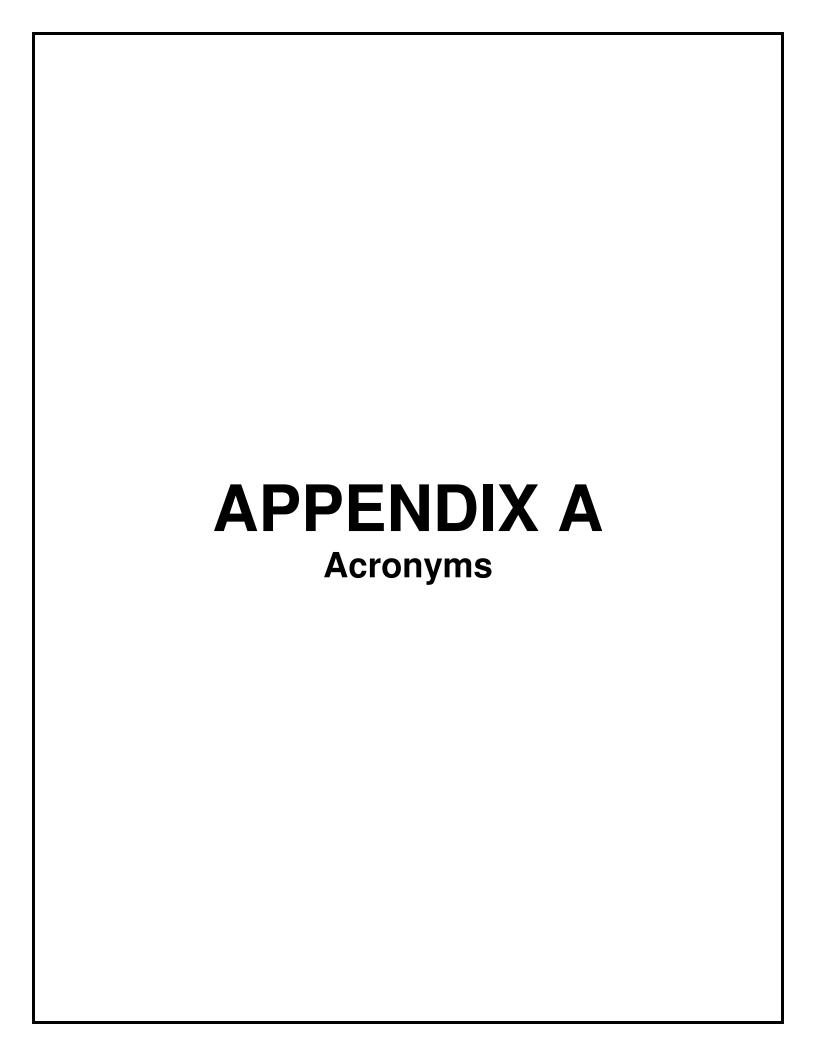
**Proposed Sandhill Crane Apartments** 3099, 3101, 3113, & 3119 W. Moore Street Boise, Idaho





DRAWN BY: MAT	CHECKED BY: AP
PROJECT NO: BO16176B	FIGURE: 2

Base map provided by SAWTOOTH Land Surveying, LLC, Dated 4-28-16.

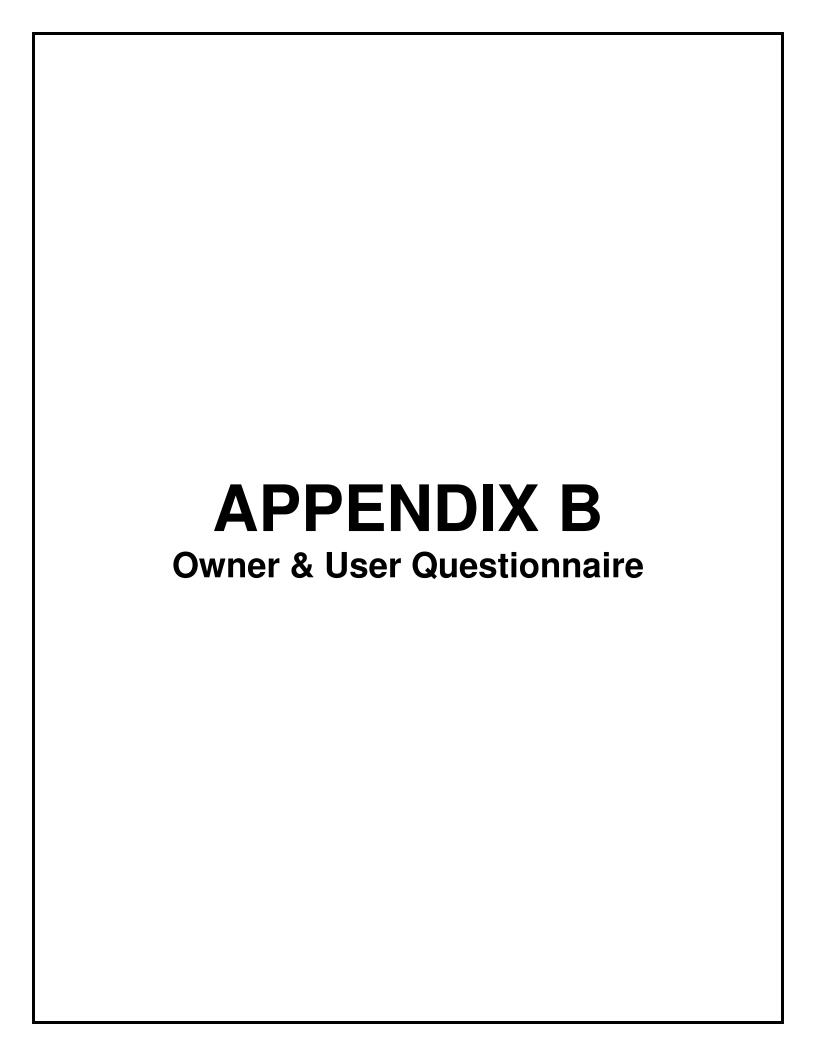


# **Description of Selected General Terms and Acronyms**

Term/Acronym	Description
AAI	All Appropriate Inquiries – that inquiry constituting all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial and customary practice as defined in CERCLA, 42 U.S.C §9601(35)(B), that will quality a party to a commercial real estate transaction for one of the threshold criteria for satisfying the Landowner Liability Protections (LLPs) to CERCLA liability (42 U.S.C §9601(35)(A)&(B), §9607(b)(3), §9607(p); and §9607(r)), assuming compliance with other elements of the defense.
	Asbestos Containing Material. Asbestos is a naturally occurring mineral, three varieties of which (chrysotile, amosite, crocidolite) have been commonly used as fireproofing or binding agents in construction materials. Exposure to asbestos, as well as ACM, has been documented to cause lung diseases including asbestosis (scarring of the lung), lung cancer and mesothelioma (a cancer of the lung lining).
ACM	Regulatory agencies have generally defined ACM as a material containing greater that one (1) percent asbestos, however some states (e.g. California) define ACM as materials having 0.1% asbestos. In order to define a homogenous material as non-ACM, a minimum number of samples must be collected from the material dependent upon its type and quantity. Homogenous materials defined as non-ACM must either have 1) no asbestos identified in all of its samples or 2) an identified asbestos concentration below the appropriate regulatory threshold. Asbestos concentrations are generally determined using polarized light microscopy or transmission electron microscopy. Point counting is an analytical method to statistically quantify the percentage of asbestos in a sample. The asbestos component of ACM may either be friable or non-friable. Friable materials, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure and have a higher potential for a fiber release than non-friable ACM. Non-friable ACM are materials that are firmly bound in a matrix by plastic, cement, etc. and, if handled carefully, will not become friable.
	Federal and state regulations require that either all suspect building materials be presumed ACM or that an asbestos survey be performed prior to renovation, dismantling, demolition, or other activities that may disturb potential ACM. Notifications are required prior to demolition and/or renovation activities that may impact the condition of ACM in a building. ACM removal may be required if the ACM becomes damaged or is likely to be disturbed or damaged during demolition or renovation. Abatement of friable or potentially friable ACM must be performed by a licensed abatement contractor in accordance with state rules and NESHAP. Additionally, OSHA regulations for work classification, worker training and worker protection will apply.
AHERA	Asbestos Hazard Emergency Response Act
AST	Above Ground Storage Tanks. ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a basement, but not buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank size, its contents and the jurisdiction of its location.
BGS	Below Ground Surface
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes. BTEX are VOC components found in gasoline and commonly used as analytical indicators of a petroleum hydrocarbon release.
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (a.k.a. Superfund). CERCLA is the federal act that regulates abandoned or uncontrolled hazardous waste sites. Under this Act, joint and several liability may be imposed on potentially responsible parties for cleanup-related costs.
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System. An EPA compilation of sites having suspected or actual releases of hazardous substances to the environment. CERCLIS also contains information on site inspections, preliminary assessments and remediation of hazardous waste sites. These sites are typically reported to EPA by states and municipalities or by third parties pursuant to CERCLA Section 103.
CFR	Code of Federal Regulations
CREC	Controlled Recognized Environmental Condition – A recognized environmental condition (REC) resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).
Data Failure	A failure to achieve the historical research objectives even after reviewing the standard historical sources that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap.
Data Gap	A lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required b this practice, including, but not limited to site reconnaissance, and interviews, etc.
de minimis	A condition that generally does 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. De minimis conditions are not recognized environmental conditions.
DOT	U.S. Department of Transportation
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System. An EPA-maintained federal database which stores information on notifications of oil discharges and hazardous substance releases in quantities greater than the applicable reportable quantity under CERCLA. ERNS is a cooperative data-sharing effort between EPA, DOT, and the National Response Center.
ESA	Environmental Site Assessment
FRP	Fiberglass Reinforced Plastic

Term/Acronym	Description
Hazardous Substance	As defined under CERCLA, this is (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title; (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (with some exclusions); (D) any toxic pollutant listed under section 1317(a) of Title 33; (E) any hazardous air pollutant listed under section 112 of the Clear Air Act; and (F) any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action under section 2606 of Title 15. This term does not include petroleum, including crude oil or any fraction thereof which is not otherwise listed as a hazardous substance under subparagraphs (A) through (F) above, and the term does not include natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
Hazardous Waste	This is defined as having characteristics identified or listed under section 3001 of the Solid Waste Disposal Act (with some exceptions). RCRA, as amended by the Solid Waste Disposal Act of 1980, defines this term as a "solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."
HREC	Historical Recognized Environmental Condition. Environmental condition which in the past would have been considered a recognized environmental condition (REC), but which may or may not be considered a REC currently. The final decision rests with the environmental professional and will be influenced by the current impact of the HREC on the property. If a past release of any hazardous substances or petroleum products has occurred in connection with the property and has been remediated, with such remediation accepted by the responsible regulatory agency (for example, as evidence by the issuance of a no further action letter or equivalent), this condition shall be considered an historical recognized environmental condition
LLP	Landowner Liability Protections - under CERCLA; these protections include the bona fide prospective purchaser liability protection, contiguous property owner liability protection, and innocent landowner defense.
LUST	Leaking Underground Storage Tank. This is a federal term set forth under RCRA for leaking USTs. Some states also utilize this term.
MCL	Maximum Contaminant Level. This Safe Drinking Water concept (and also used by many states as a groundwater cleanup criteria) refers to the limit on drinking water contamination that determines whether a supplier can deliver water from a specific source without treatment.
MSDS	Material Safety Data Sheets. Written/printed forms prepared by chemical manufacturers, importers and employers that identify the physical and chemical traits of hazardous chemicals under OSHA's Hazard Communication Standard.
NESHAP	National Emissions Standard for Hazardous Air Pollutants (Federal Clean Air Act). This part of the Clean Air Act regulates emissions of hazardous air pollutants.
NFRAP	Facilities where there is "No Further Remedial Action Planned," as more particularly described under the Records Review section of this report.
NOV	Notice of Violation. A notice of violation or similar citation issued to an entity, company or individual by a state or federal regulatory body indicating a violation of applicable rule or regulations has been identified.
NPDES	National Pollutant Discharge Elimination System (Clean Water Act). The federal permit system for discharges of polluted water.
NPL	National Priorities List, as more particularly described under the Records Review section of this report.
OSHA	Occupational Safety and Health Administration or Occupational Safety and Health Act
PACM	Presumed Asbestos-Containing Material. A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos.
PCB	Polychlorinated Biphenyl. A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit manufacturing of PCB-containing equipment; however, some of this equipment may still be in use today.
pCi/l	picoCuries per Liter of Air. Unit of measurement for Radon and similar radioactive materials.
PLM	Polarized Light Microscopy (see ACM section of the report, if included in the scope of services)
Radon	A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Radon concentrations are measured in picoCuries per liter of air. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Outdoors, radon is diluted to such low concentrations that it usually does not present a health concern. However, radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the underlying soil and groundwater. The EPA recommended annual average indoor "action level" concentration for residential structures is 4.0 pCi/l.
RCRA	Resource Conservation and Recovery Act. Federal act regulating solid and hazardous wastes from point of generation to time of disposal ('cradle to grave'). 42 U.S.C. 6901 et seq.
RCRA Generators	The RCRA generators list is part of the RCRIS database maintained by EPA and lists facilities that generate hazardous waste as part of their normal business operations, as more particularly defined under Section 5.0 of this report.

Term/Acronym	Description
RCRA	The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous materials, which are undergoing "corrective action". A
CORRACTS/TSDs	"corrective action" order is issued when there is a release of hazardous waste or constituents into the environment from a RCRA facility.
RCRA Non-	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities that report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA
CORRACTS/TSDs	CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.
RCRA	RAATS. RCRA Administrative Actions Taken. RAATS information is now contained in the RCRIS database and includes records of administrative enforcement actions against facilities
Violators List	for noncompliance.
RCRIS	Resource Conservation and Recovery Information System, as defined in the Records Review section of this report.
REC	Recognized Environmental Condition is defined by ASTM E 1527-13 as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions. De minimis conditions generally do not present a material risk of harm to the public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.
SPCC	Spill Prevention, Control and Countermeasures. SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.
SWF	Solid Waste Facility List. A Vista Information Solutions, Inc. database of solid waste facilities listed by state.
TPH	Total Petroleum Hydrocarbons
TRI	Toxic Release Inventory. Routine EPA report on releases of toxic chemicals to the environment based upon information submitted by entities subject to reporting under the Emergency Planning and Community Right to Know Act.
TSCA	Toxic Substances Control Act. A federal law regulating manufacture, import, processing and distribution of chemical substances not specifically regulated by other federal laws (such as asbestos, PCBs, lead-based paint and radon). 15 U.S.C 2601 et seq.
USACE	United States Army Corps of Engineers
USC	United States Code
USGS	United States Geological Survey
USDA NRCS	United States Department of Agriculture-Natural Resource Conservation Service
UST	Underground Storage Tank. Most federal and state regulations, as well as ASTM E1527, define this as any tank, including, underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground (i.e., buried).
VCP	Voluntary Cleanup Program
VOC	Volatile Organic Compound
	Areas that are typically saturated with surface or groundwater that create an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). The Corps of Engineers Wetlands Delineation Manual (Technical Report Y-87-1) defines wetlands as areas inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. For an area to be considered a jurisdictional wetland, it must meet the following criteria: more than 50 percent of the dominant plant species must be categorized as Obligate, Facultative Wetland, or Facultative on lists of plant species that occur in wetlands; the soil must be hydric; and, wetland hydrology must be present.
Wetlands	The federal Clean Water Act which regulates "waters of the US," also regulates wetlands, a program jointly administered by the USACE and the EPA. Waters of the U.S. are defined as: (1) waters used in interstate or foreign commerce, including all waters subject to the ebb and flow of tides; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, etc., which the use, degradation, or destruction could affect interstate/ foreign commerce; (4) all impoundments of waters otherwise defined as waters of the U. S., (5) tributaries of waters identified in 1 through 4 above; (6) the territorial seas; and (7) wetlands adjacent to waters identified in 1 through 6 above. Only the USACE has the authority to make a final wetlands jurisdictional determination.



# INTERVIEW QUESTIONNAIRE PHASE I ENVIRONMENTAL SITE ASSESSMENT Compatible with ASTM Standard E1527

Site Name: Proposen SANDHILL CHARE ATTE.
Site Address: 3099 - 3119 W. Moone St.
Date: 8-30-16
Interviewer: Andrew Provons
Interviewee: DEANNA WATEUR EXECUTIVE DIRECTOR
Site Association/Years Associated: SHONELINE PLAZA LLC (SOIC)-OWNER SENTING
Please answer the following questions to the best of your knowledge:

Was the property or adjoining property ever used for industrial purposes (e.g. manufacturing) or as a gas station, dry cleaners, waste treatment, processing facility, motor repair facility, photo lab, commercial printing facility, junkyard/disposal/recycling/landfill? If yes, please list the activity, hazardous substances used, and approximate dates when the activity occurred.

No

Prior land use, hazard substances used, and dates:

Residences Remover ~ Septics Remover 7, TILE REPORTS ~ 2001

Prior owner, key site manager/operator, occupants, and dates:

PAT DUNSUAGEER ~ Demicoper

Existing or prior structures used for what purpose and duration:

Residences

2. Do any of the following documents exist for the site or any portion of the site? If so, can you provide STRATA with a copy?

Environmental Site Assessment reports	2001
Environmental Site Investigation reports	UMK
Environmental Compliance Audit reports	VK
Environmental Permits	No
Underground Storage Tank registration	No
Underground Injection System registration	No
Material Safety Data Sheets	No
Community Right-To-Know Plan	No
Spill Prevention Countermeasure and Control Plans (SPCC)	No
Preparedness and Prevention Plans	No
Hydrogeologic Studies	No
Government Agency correspondence	
Past or current violation of environmental law	1001
Environmental liens	110
Deed Restrictions	
Hazardous Waste Generator notices or reports	No
Hazardous Waste handling, use, storage, or disposal permits	No
Geotechnical studies	16
Risk Assessments	
Activity and Use Limitations (AULs)/Environmental Covenants	No
Deed Restrictions	No
Citizen Complaints regarding onsite activities	No

3. Have you ever observed evidence of, or do you have prior knowledge of any of the following items being used, stored, discarded, dumped above grade, buried, or burned onsite? Circle all that apply and indicate amount and approximate dates. Please provide records if available.

Material	Present	Quantity	Date(s) Observed
Above ground storage tanks (ASTs)	No		
Automotive batteries	No		
Industrial batteries	No		
Pesticides (>5 gallons)	No		
Paints (>5 gallons)	No		
Liquid chemicals/hazardous substances (>5 gallons)	No		
Dry chemicals/hazardous substances	No		

Material	Present	Quantity	Date(s) Observed
Industrial drums (typically 55 gallons)	No		
PCB-containing equipment (i.e. electrical transformers)	No		
Underground storage tanks (USTs)	No		
Unknown materials suspected to be hazardous substances	No	7,000	

4. What method(s) is used to contain hazardous waste spills?

NA

5. What method(s) is used for hazardous waste disposal?

NA

6. Have you observed evidence of or have prior knowledge of the following?

Material	Present	Quantity	Date(s) Observed
Equipment Maintenance Areas	No	•	
Accidental spills or chemical/petroleum releases	16		4
Asbestos Containing Material	No?		
Fill dirt from unknown or contaminated site	16		
Pits, ponds, or lagoons associated with waste treatment or waste disposal	No		
Stained soil or odiferous soil	No		
Sumps or dry wells	No		
Vent or fill pipes protruding from ground or adjacent to onsite structure?	No		
Heating and cooling systems (fuel source?)	No		
Stained or odiferous flooring, drains, or walls? (Do not include water damage)	No		

7. Is the property served by a private well or non-public water system? If yes, please answer the following:

Well No.	Туре	Operating? (if not when last used)	Date Drilled	Depth
	Domestic Irrigation Monitoring			3
	Domestic Irrigation Monitoring			194

a) Has the well been sampled for contaminants? Do concentrations exceed applicable requirements for the designated use (i.e. Drinking Water Standards)? If so, please provide dates and copies of well records.

NA

b) Has the well or water system been designated by any governmental/environmental/health agency as contaminated?

NA

- 8. Has the property ever been served by a septic system? If so, where is the tank and leach lines located? Have hazardous materials been disposed down the septic system?
- 9. Does the site discharge waste water into a storm water sewer system or a sanitary sewer system onto or adjacent to the property? If so, please describe location, piping flow, quantity discharged, and water quality.

NA

10. Is there an oil/gas well or oil/gas vent located onsite? Location? Please provide any available documents.  $\nearrow$ 

### 11. Do you have knowledge of the following with respect to the site?

Environmental clean-up, ongoing or pending	No
Past, threatened, pending lawsuits, or administrative proceedings relevant to a	
hazardous substance or petroleum product release?	No

## AGRICULTURAL SITES NA

- 12. What crops have been grown onsite, currently and in the past?
- 13. Have pesticides been applied to fields or other portions of the site?
  - a) List names of pesticides/herbicides/fungicides/insecticides/rodenticides used and dates applied.

- b) Have you been notified of any violation of environmental law with respect to pesticide application or storage?
- c) Pesticide mixing area locations (if any)?
- d) Method of pesticide application?
- 14. Have fertilizers been applied to the site? What type and method of application.
- 15. Are there any buried irrigation lines or pipelines for other purposes onsite? If so, what are the construction materials (Asbestos cement, PVC?). Location?

### **USER QUESTIONNAIRE**

Phase I Environmental Site Assessment Proposed Sandhill Crane Apartments 3099, 3101, 3113, & 3119 W. Moore Street Boise, Idaho May 13, 2016 STRATA File No: BOP16176B

Strata, A Professional Services Corporation (STRATA) provides this User Questionnaire for the authorized Phase I Environmental Site Assessment (ESA) referencing ASTM E 1527-13 for the approximately undeveloped site located on 2.95 acres at 3099, 3101, 3113 & 3119 West Moore Street in Boise, Idaho. According to ASTM E 1527-13, in order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001, the following information (if known) must be provided to STRATA. Failure to provide this information could result in a determination that "all appropriate inquiry", as outlined by the published EPA rule "Standards and Practices for All Appropriate Inquiries", is not complete.

Based on the information above, please answer the following questions pertaining to the requested scope of service as outlined in our proposal BOP16176B, dated May 13, 2016. It may be useful to review title and judicial records to provide answers to questions included in this questionnaire. Please sign and return a copy of the questionnaire to our office for reference in our final report.

1. Why is the Phase I ESA being performed for the property?

- 2. What is the type of property and type of property transaction? (i.e. sale, purchase, exchange, etc.).
- 3. What is the complete and correct address for the property? (a map or other documentation can be provided if the address is unknown or does not exist).

4. Please identify all parties who will rely on the Phase I ESA report:

5. Please identify contact information for the current owner and/or someone who would have significant historical knowledge of the property (i.e. a past owner or property manager).

6. Did a search of *recorded land title records or judicial records* identify any environmental liens filed or recorded against the property under federal, tribal, state, or local law? If yes, please explain.

Phase I Environmental Site Assessment 3099, 3101, 3113, & 3119 W. Moore Street, Boise, Idaho File: BOP16176B Page 2 of 2

7. Did a search of recorded land title records or judicial records identify any activity or land use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded under a registry under federal, tribal, state or local law? If yes, please explain.

- 8. Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or adjoining properties so that you would have specialized knowledge of the chemicals and processes used by this type of business? If yes, please explain.
- 9. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?
  YES N/A
- 10. Are you aware of commonly known or reasonably ascertainable information about the property that would help STRATA identify conditions indicative of releases or threatened releases? For example, as the user,
  - a. Do you know the past uses of the property? If yes, please identify.

    Simple Family Residential On PART
  - b. Do you know of specific chemicals that are present or once were present at the property? If yes, please explain.

No

c. Do you know of spills or other chemical releases that have taken place at the property? If yes, please explain.

NO

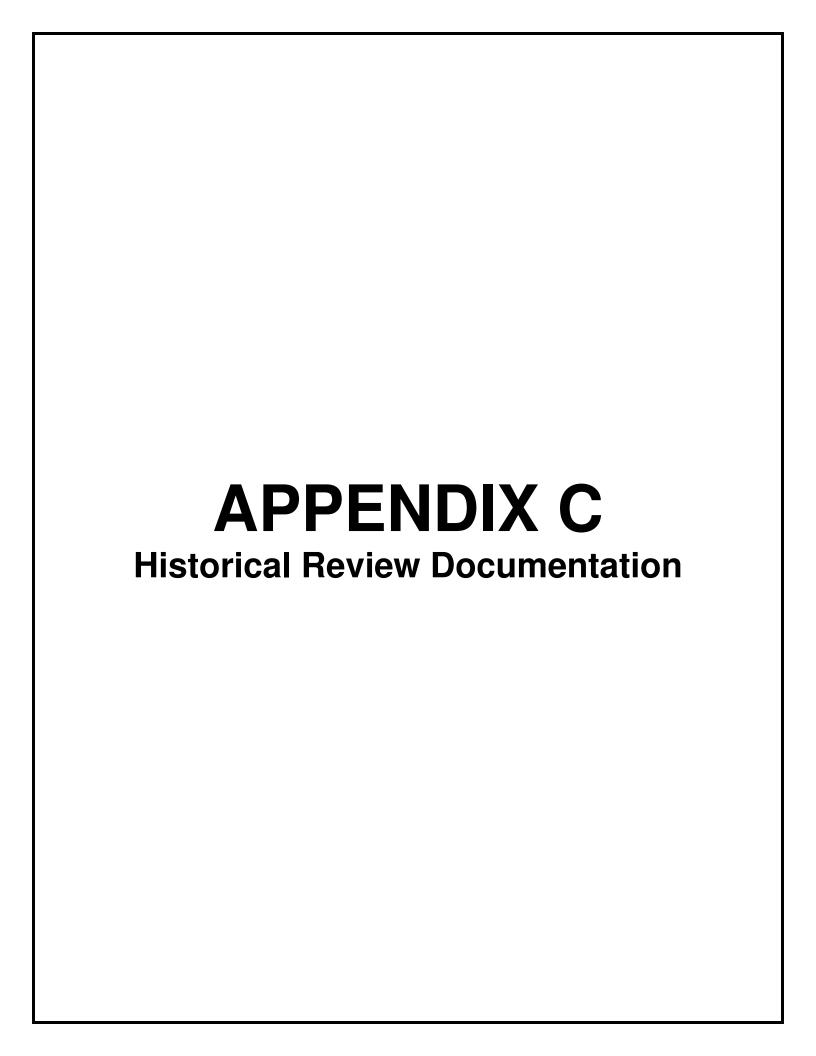
d. Do you know of any environmental cleanups that have taken place at the property? If yes, please explain.

MO

11. Based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property? If yes, please explain.

Name: BOB REED JA Title: DEVELORMENT DIRECTOR
Signature: Bob R Date: 8-25-16





**Boise City Ada County Housing Authority** 

3113 W. Moore Street Boise, ID 83702

Inquiry Number: 4710136.2s

August 25, 2016

# **EDR Summary Radius Map Report**



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

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

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

### **ADDRESS**

3113 W. MOORE STREET BOISE, ID 83702

### COORDINATES

Latitude (North): 43.6306210 - 43° 37′ 50.23″ Longitude (West): 116.2297870 - 116° 13′ 47.23″

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 562134.8 UTM Y (Meters): 4830920.5

Elevation: 2670 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: TP

Source: U.S. Geological Survey

Target Property: SE

Source: U.S. Geological Survey

Target Property: SW

Source: U.S. Geological Survey

Target Property: NW

Source: U.S. Geological Survey

### **AERIAL PHOTOGRAPHY IN THIS REPORT**

Portions of Photo from: 20150613, 20150719

Source: USDA

### MAPPED SITES SUMMARY

Target Property Address: 3113 W. MOORE STREET BOISE, ID 83702

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	ESTHER SIMPLOT PARK	625 N WHITEWATER PAR	ALLSITES	Higher	1105, 0.209, South
A2	CITY OF BOISE ESTHER	625 N WHITEWATER PAR	RCRA-SQG	Higher	1105, 0.209, South
B3	STATE STREET CONOCO	3159 W STATE ST	LUST, UST, ALLSITES, SPILLS, Financial Assurance	Higher	1203, 0.228, NNE
B4	M & M ENTERPRISES ST	3159 W STATE ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	1203, 0.228, NNE
<b>A5</b>	ASPHALT PAVING & CON	3206 PLEASANTON AVE	UST, ALLSITES	Higher	1274, 0.241, South
C6	ROGER'S NORTHSIDE GA	1170 N 29TH ST	UST, ALLSITES	Higher	1353, 0.256, ENE
D7	JACKSONS FOOD STORE	3110 STATE ST	LUST, UST, Financial Assurance	Higher	1433, 0.271, NNE
D8	JACKSONS FOOD STORE	3110 STATE ST	ALLSITES	Higher	1433, 0.271, NNE
9	PERRY'S CAR WASH & B	3000 W STATE ST	LUST, UST, ALLSITES	Higher	1434, 0.272, NE
D10	GERMAN CAR SERVICE	3130 W STATE ST	UST, ALLSITES	Higher	1484, 0.281, NNE
11	ALBERTSONS NO 8110	2700 REGAN AVE	ALLSITES	Higher	1489, 0.282, ESE
C12	MCRAES CLEANERS STAT	2753 W STATE ST	ALLSITES	Higher	1525, 0.289, ENE
E13	QUIN ROBBINS CO INC	3100 MADISON ST	LUST, UST, SPILLS, Financial Assurance	Higher	1581, 0.299, South
14	DICK'S CHEVRON STATI	3200 W STATE ST	LUST, UST, ALLSITES, Financial Assurance	Higher	1663, 0.315, North
E15	QUINN ROBBINS CO INC	3017 MADISON AVE	ALLSITES	Higher	1670, 0.316, South
16	STATE ST GAS	2703 STATE ST	ALLSITES	Higher	1711, 0.324, East
17	LOWELL ELEMENTARY PA	1507 N 28TH ST	ALLSITES, UIC	Higher	1817, 0.344, NE
F18	ID TRANS DEPT MATERI	3311 W STATE ST	ALLSITES	Lower	1876, 0.355, North
19	ADS PARTNERSHIP DAVI	400 E 36TH ST	ALLSITES	Lower	1957, 0.371, SW
F20	TARGET SUBARU	3310 W STATE ST	UST, ALLSITES	Lower	2044, 0.387, North
21	ESP INC	317 E 37TH ST	ALLSITES	Lower	2048, 0.388, WSW
G22	CORRIDOR SURF SHOP	314 E 35TH ST	ALLSITES	Lower	2048, 0.388, SW
G23	RIVERSIDE AUTO BODY	315 E 35TH ST	ALLSITES	Lower	2076, 0.393, SW
H24	ACHD-ADAMS	3700 ADAMS ST	LUST, UST, Financial Assurance	Lower	2184, 0.414, West
H25	ACHD FACILITY	3700 ADAMS	ALLSITES, SPILLS	Lower	2184, 0.414, West
26	ADA CNTY HWY DIST E	318 E 37TH ST	ALLSITES	Lower	2347, 0.445, WSW
27	MOUNTAIN STEEL FABRI	305 E 36TH ST	ALLSITES	Lower	2359, 0.447, SW
28	F & M INC	257 N 30TH ST	ALLSITES	Higher	2423, 0.459, South
29	WHITMORE ENTERPRISES	3319 DEWEY	UST, ALLSITES	Lower	2481, 0.470, North

### TARGET PROPERTY SEARCH RESULTS

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

#### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

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

### STANDARD ENVIRONMENTAL RECORDS

### Federal RCRA generators list

RCRA-SQG: A review of the RCRA-SQG list, as provided by EDR, and dated 12/09/2015 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY OF BOISE ESTHER	625 N WHITEWATER PAR	S 1/8 - 1/4 (0.209 mi.)	A2	8

### State and tribal leaking storage tank lists

LUST: A review of the LUST list, as provided by EDR, and dated 07/05/2016 has revealed that there are 6 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STATE STREET CONOCO Cleanup Date: 11/25/2003 Status: Site Cleanup Completed Facility Id: 3-010288	3159 W STATE ST	NNE 1/8 - 1/4 (0.228 mi.)	ВЗ	8
JACKSONS FOOD STORE Status: LUST Cleanup Initiated Facility Id: 3-010248	3110 STATE ST	NNE 1/4 - 1/2 (0.271 mi.)	D7	9
PERRY'S CAR WASH & B Cleanup Date: 05/15/2002 Status: Site Cleanup Completed Facility Id: 3-010170	3000 W STATE ST	NE 1/4 - 1/2 (0.272 mi.)	9	10
QUIN ROBBINS CO INC	3100 MADISON ST	S 1/4 - 1/2 (0.299 mi.)	E13	11

Cleanup Date: 08/01/1995 Cleanup Date: 06/30/1992 Status: Site Cleanup Completed Status: Confirmed Release Facility Id: 3-010109

DICK'S CHEVRON STATI 3200 W STATE ST N 1/4 - 1/2 (0.315 mi.) 14 11

Cleanup Date: 05/23/2008 Status: Site Cleanup Completed

Facility Id: 3-010431

 Lower Elevation
 Address
 Direction / Distance
 Map ID
 Page

 ACHD-ADAMS
 3700 ADAMS ST
 W 1/4 - 1/2 (0.414 mi.)
 H24
 14

Cleanup Date: 04/15/1994

Status: Site Investigation Completed

Facility Id: 3-010158

### State and tribal registered storage tank lists

UST: A review of the UST list, as provided by EDR, and dated 07/05/2016 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STATE STREET CONOCO Facility Id: 3-010288 Tank Status: Closed	3159 W STATE ST	NNE 1/8 - 1/4 (0.228 mi.)	В3	8
ASPHALT PAVING & CON Facility Id: 3-010742 Tank Status: Closed	3206 PLEASANTON AVE	S 1/8 - 1/4 (0.241 mi.)	A5	9

### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Lists of Hazardous waste / Contaminated Sites

ALLSITES: A review of the ALLSITES list, as provided by EDR, and dated 06/06/2016 has revealed that there are 24 ALLSITES sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation Address		Direction / Distance	Map ID	Page	
ESTHER SIMPLOT PARK Facility Id: 2012BAZ455	625 N WHITEWATER PAR	S 1/8 - 1/4 (0.209 mi.)	A1	8	
STATE STREET CONOCO Facility ld: 2011BAZ4123	3159 W STATE ST	NNE 1/8 - 1/4 (0.228 mi.)	В3	8	
ASPHALT PAVING & CON Facility ld: 2011BAZ395	3206 PLEASANTON AVE	S 1/8 - 1/4 (0.241 mi.)	A5	9	
ROGER'S NORTHSIDE GA	1170 N 29TH ST	ENE 1/4 - 1/2 (0.256 mi.)	C6	9	

Facility Id: 2011BAZ5643				
JACKSONS FOOD STORE Facility Id: 2011BAZ3463	3110 STATE ST	NNE 1/4 - 1/2 (0.271 mi.)	D8	10
PERRY'S CAR WASH & B Facility Id: 2011BAZ5100	3000 W STATE ST	NE 1/4 - 1/2 (0.272 mi.)	9	10
GERMAN CAR SERVICE Facility Id: 2011BAZ2465	3130 W STATE ST	NNE 1/4 - 1/2 (0.281 mi.)	D10	10
ALBERTSONS NO 8110 Facility Id: 2011BAZ199	2700 REGAN AVE	ESE 1/4 - 1/2 (0.282 mi.)	11	11
MCRAES CLEANERS STAT Facility Id: 2011BAZ4352	2753 W STATE ST	ENE 1/4 - 1/2 (0.289 mi.)	C12	11
DICK'S CHEVRON STATI Facility Id: 2011BAZ1812	3200 W STATE ST	N 1/4 - 1/2 (0.315 mi.)	14	11
QUINN ROBBINS CO INC Facility Id: 2011BAZ5358	3017 MADISON AVE	S 1/4 - 1/2 (0.316 mi.)	E15	12
STATE ST GAS Facility Id: 2011BAZ6171	2703 STATE ST	E 1/4 - 1/2 (0.324 mi.)	16	12
LOWELL ELEMENTARY PA Facility Id: 2011BAZ772	1507 N 28TH ST	NE 1/4 - 1/2 (0.344 mi.)	17	12
F & M INC Facility Id: 2011BAZ2088	257 N 30TH ST	S 1/4 - 1/2 (0.459 mi.)	28	15
Lower Elevation	Address	Direction / Distance	Map ID	Page
Lower Elevation  ID TRANS DEPT MATERI Facility Id: 2011BAZ3091	Address 3311 W STATE ST	Direction / Distance N 1/4 - 1/2 (0.355 mi.)	Map ID F18	Page 13
ID TRANS DEPT MATERI				
ID TRANS DEPT MATERI Facility Id: 2011BAZ3091 ADS PARTNERSHIP DAVI	3311 W STATE ST	N 1/4 - 1/2 (0.355 mi.)	F18	13
ID TRANS DEPT MATERI Facility Id: 2011BAZ3091  ADS PARTNERSHIP DAVI Facility Id: 2011BAZ161  TARGET SUBARU	3311 W STATE ST 400 E 36TH ST	N 1/4 - 1/2 (0.355 mi.) SW 1/4 - 1/2 (0.371 mi.)	F18	13
ID TRANS DEPT MATERI Facility Id: 2011BAZ3091  ADS PARTNERSHIP DAVI Facility Id: 2011BAZ161  TARGET SUBARU Facility Id: 2011BAZ6358  ESP INC	3311 W STATE ST 400 E 36TH ST 3310 W STATE ST	N 1/4 - 1/2 (0.355 mi.) SW 1/4 - 1/2 (0.371 mi.) N 1/4 - 1/2 (0.387 mi.)	F18 19 F20	13 13 13
ID TRANS DEPT MATERI Facility Id: 2011BAZ3091  ADS PARTNERSHIP DAVI Facility Id: 2011BAZ161  TARGET SUBARU Facility Id: 2011BAZ6358  ESP INC Facility Id: 2011BAZ2054  CORRIDOR SURF SHOP	3311 W STATE ST  400 E 36TH ST  3310 W STATE ST  317 E 37TH ST	N 1/4 - 1/2 (0.355 mi.) SW 1/4 - 1/2 (0.371 mi.) N 1/4 - 1/2 (0.387 mi.) WSW 1/4 - 1/2 (0.388 mi.)	F18 19 F20 21	13 13 13 13
ID TRANS DEPT MATERI Facility Id: 2011BAZ3091  ADS PARTNERSHIP DAVI Facility Id: 2011BAZ161  TARGET SUBARU Facility Id: 2011BAZ6358  ESP INC Facility Id: 2011BAZ2054  CORRIDOR SURF SHOP Facility Id: 2013BAZ398  RIVERSIDE AUTO BODY	3311 W STATE ST  400 E 36TH ST  3310 W STATE ST  317 E 37TH ST  314 E 35TH ST	N 1/4 - 1/2 (0.355 mi.) SW 1/4 - 1/2 (0.371 mi.) N 1/4 - 1/2 (0.387 mi.) WSW 1/4 - 1/2 (0.388 mi.) SW 1/4 - 1/2 (0.388 mi.)	F18 19 F20 21 G22	13 13 13 13 13
ID TRANS DEPT MATERI Facility Id: 2011BAZ3091  ADS PARTNERSHIP DAVI Facility Id: 2011BAZ161  TARGET SUBARU Facility Id: 2011BAZ6358  ESP INC Facility Id: 2011BAZ2054  CORRIDOR SURF SHOP Facility Id: 2013BAZ398  RIVERSIDE AUTO BODY Facility Id: 2011BAZ5573  ACHD FACILITY	3311 W STATE ST  400 E 36TH ST  3310 W STATE ST  317 E 37TH ST  314 E 35TH ST  315 E 35TH ST	N 1/4 - 1/2 (0.355 mi.) SW 1/4 - 1/2 (0.371 mi.) N 1/4 - 1/2 (0.387 mi.) WSW 1/4 - 1/2 (0.388 mi.) SW 1/4 - 1/2 (0.388 mi.) SW 1/4 - 1/2 (0.393 mi.)	F18  19  F20  21  G22  G23  H25	13 13 13 13 13 14
ID TRANS DEPT MATERI Facility Id: 2011BAZ3091  ADS PARTNERSHIP DAVI Facility Id: 2011BAZ161  TARGET SUBARU Facility Id: 2011BAZ6358  ESP INC Facility Id: 2011BAZ2054  CORRIDOR SURF SHOP Facility Id: 2013BAZ398  RIVERSIDE AUTO BODY Facility Id: 2011BAZ5573  ACHD FACILITY Facility Id: 2011BAZ131  ADA CNTY HWY DIST E	3311 W STATE ST  400 E 36TH ST  3310 W STATE ST  317 E 37TH ST  314 E 35TH ST  315 E 35TH ST  3700 ADAMS	N 1/4 - 1/2 (0.355 mi.) SW 1/4 - 1/2 (0.371 mi.) N 1/4 - 1/2 (0.387 mi.) WSW 1/4 - 1/2 (0.388 mi.) SW 1/4 - 1/2 (0.388 mi.) SW 1/4 - 1/2 (0.393 mi.) W 1/4 - 1/2 (0.414 mi.)	F18  19  F20  21  G22  G23  H25	13 13 13 13 13 14 14

### Other Ascertainable Records

RCRA NonGen / NLR: A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/09/2015 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
M & M ENTERPRISES ST	3159 W STATE ST	NNE 1/8 - 1/4 (0.228 mi.)	B4	9

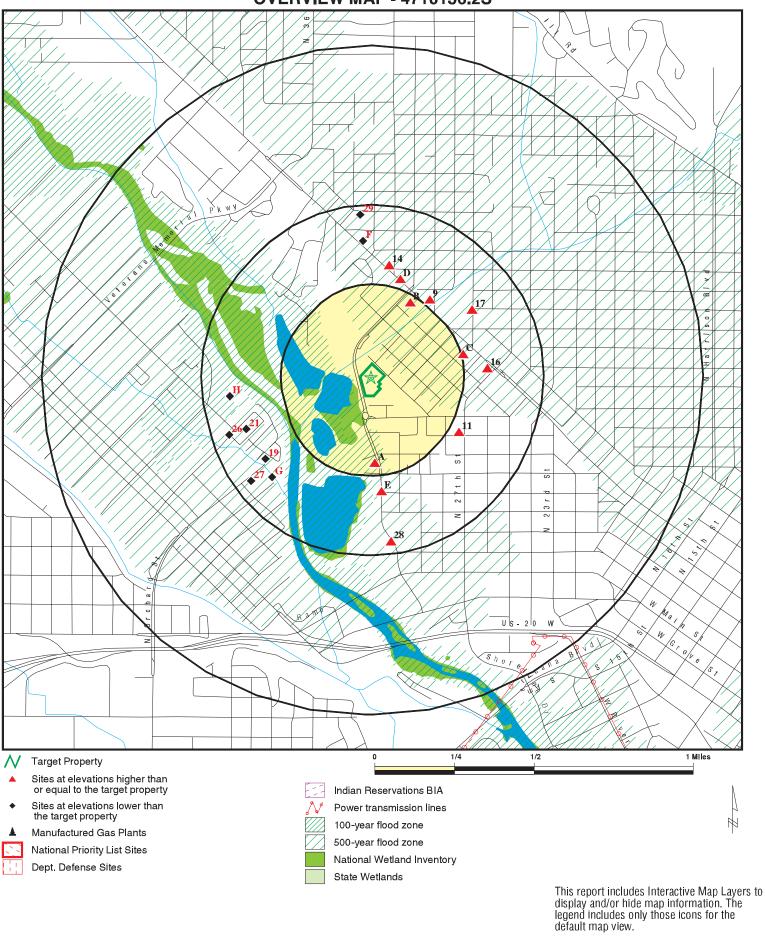
Database(s)	
Zip	
e Address	
Site Name Si	
EDR ID	
City	

ORPHAN SUMMARY

Count: 0 records.

NO SITES FOUND

### **OVERVIEW MAP - 4710136.2S**



SITE NAME: Boise City Ada County Housing Authority

ADDRESS: 3113 W. Moore Street

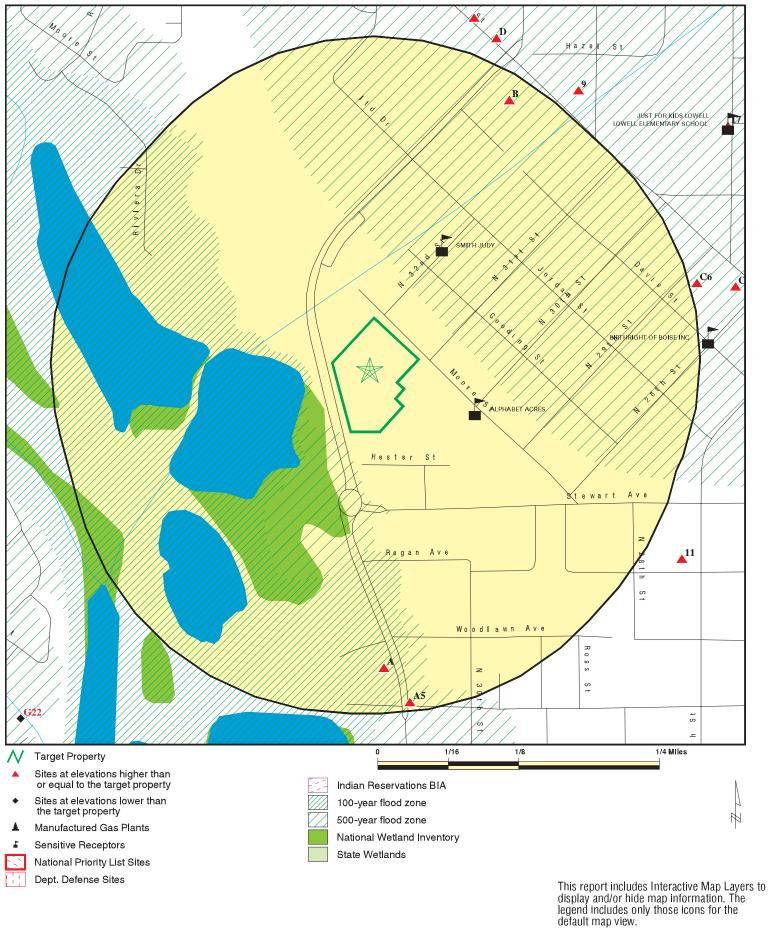
LAT/LONG:

Boise ID 83702 43.630621 / 116.229787 CLIENT: Strata Environme CONTACT: Andrew Provant Strata Environmental

INQUIRY#: 4710136.2s DATE: August 25, 2016 11:38 am

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### **DETAIL MAP - 4710136.2S**



SITE NAME: Boise City Ada County Housing Authority
ADDRESS: 3113 W. Moore Street
Boise ID 83702
LAT/LONG: 43.630621 / 116.229787

CLIENT: Strata Environmental
CONTACT: Andrew Provant
INQUIRY #: 4710136.2s
DATE: August 25, 2016 11:39 am

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL Proposed NPL NPL LIENS	1.000 1.000 0.001		0 0 0	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL sit	te list							
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Federal CERCLIS NFRA	P site list							
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRAC	TS facilities li	st						
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-COR	RACTS TSD f	acilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generator	rs list							
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250		0 0 0	0 1 0	NR NR NR	NR NR NR	NR NR NR	0 1 0
Federal institutional con engineering controls reg								
LUCIS US ENG CONTROLS US INST CONTROL	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equiva	alent CERCLIS	6						
SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A
State and tribal landfill a solid waste disposal site								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking	storage tank l	ists						
LAST LUST INDIAN LUST	0.500 0.500 0.500		0 0 0	0 1 0	0 5 0	NR NR NR	NR NR NR	0 6 0
State and tribal registere	ed storage tar	ık lists						
FEMA UST	0.250		0	0	NR	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST INDIAN UST	0.250 0.250		0	2 0	NR NR	NR NR	NR NR	2 0
State and tribal institution control / engineering control	-	5						
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntar	y cleanup site	s						
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfie BROWNFIELDS	0.500		0	0	0	NR	NR	0
BROWNFIELDS	0.500		U	U	U	INU	INIT	U
ADDITIONAL ENVIRONMEN	ITAL RECORDS							
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	Solid							
HIST LF SWTIRE INDIAN ODI DEBRIS REGION 9 ODI	0.500 0.500 0.500 0.500 0.500		0 0 0 0	0 0 0 0 0	0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0 0
Local Lists of Hazardous Contaminated Sites	s waste /							
US HIST CDL ALLSITES CDL US CDL	0.001 0.500 0.001 0.001		0 0 0 0	NR 3 NR NR	NR 21 NR NR	NR NR NR NR	NR NR NR NR	0 24 0 0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency F	Release Repor	ts						
HMIRS SPILLS SPILLS 90	0.001 0.001 0.001		0 0 0	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0
Other Ascertainable Rec	ords							
RCRA NonGen / NLR FUDS DOD SCRD DRYCLEANERS US FIN ASSUR EPA WATCH LIST 2020 COR ACTION	0.250 1.000 1.000 0.500 0.001 0.001 0.250		0 0 0 0 0	1 0 0 0 NR NR 0	NR 0 0 0 NR NR NR	NR 0 0 NR NR NR NR	NR NR NR NR NR NR	1 0 0 0 0 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted	
TSCA TRIS SSTS ROD RMP RAATS PRP PADS ICIS FTTS MLTS COAL ASH DOE COAL ASH EPA PCB TRANSFORMER RADINFO HIST FTTS DOT OPS CONSENT INDIAN RESERV FUSRAP UMTRA LEAD SMELTERS US AIRS US MINES FINDS DOCKET HWC UXO AIRS DRYCLEANERS Financial Assurance	0.001 0.001 0.001 1.000 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 1.000 0.001 1.000 0.001 1.000 0.001 1.000 0.001 0.250 0.001 0.001 0.250 0.001 0.250 0.001			NR NR OR NR NR OR	NR NR OR NR NR OR OR NR NR OR OR NR NR NR OR NR NR NR OR ON NR NR NR OR NR	NR R O R R R R R R R R R R O R O R O R		Plotted  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
TIER 2 UIC ECHO	0.001 0.001 0.001		0 0 0	NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR	0 0 0	
FUELS PROGRAM 0.250 0 0 NR NR NR 0  EDR HIGH RISK HISTORICAL RECORDS									
EDR Exclusive Records									
EDR MGP EDR Hist Auto EDR Hist Cleaner	1.000 0.125 0.125		0 0 0	0 NR NR	0 NR NR	0 NR NR	NR NR NR	0 0 0	
EDR RECOVERED GOVERNMENT ARCHIVES									
Exclusive Recovered Govt. Archives									
RGA LF RGA LUST	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0	
- Totals		0	0	8	26	0	0	34	

Search

Distance (Miles)

Target Property

< 1/8 1/8 - 1/4

1/4 - 1/2

1/2 - 1

> 1

Total Plotted

NOTES:

Database

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

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

Map ID MAP FINDINGS

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

Α1 **ESTHER SIMPLOT PARK** ALLSITES S113715989 South **625 N WHITEWATER PARK BLVD** N/A

1/8-1/4 BOISE, ID

0.209 mi.

1105 ft.

Click here for full text details

Relative: Higher

**ALLSITES** 

Facility Id: 2012BAZ455

**A2** CITY OF BOISE ESTHER SIMPLOT PARK RCRA-SQG 1018155925 **625 N WHITEWATER PARK BLVD** IDR000206060

South **BOISE, ID 83707** 1/8-1/4

0.209 mi. 1105 ft.

Click here for full text details

Relative: Higher

**RCRA-SQG** 

EPA Id: IDR000206060

**B**3 STATE STREET CONOCO LUST U003724770 UST N/A

NNE **3159 W STATE ST** 1/8-1/4 **BOISE, ID 83704** 0.228 mi.

1203 ft.

Click here for full text details Relative:

Higher

LUST

Status: Site Cleanup Completed

Facility Id: 3-010288 Cleanup Date: 11/25/2003

UST

Tank Status: Closed Facility Id: 3-010288

**ALLSITES** 

Facility Id: 2011BAZ4123

**SPILLS** 

Close Date: 11/25/2003

**Financial Assurance** 

Facility Id: 3-010288 Facility Status: Closure **ALLSITES** 

**Financial Assurance** 

**SPILLS** 

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Database(s) Elevation Site **EPA ID Number** 

**B**4 **M & M ENTERPRISES STATE CONOCO** RCRA NonGen / NLR 1000607039

NNE 3159 W STATE ST **FINDS** IDD984669754 1/8-1/4 **BOISE, ID 83703 ECHO** 

0.228 mi. 1203 ft.

Click here for full text details Relative:

Higher

RCRA NonGen / NLR EPA Id: IDD984669754

**FINDS** 

Registry ID:: 110005787862

**ASPHALT PAVING & CONST CO** 1001643296 Α5 UST **ALLSITES** N/A

South 3206 PLEASANTON AVE **BOISE, ID 83702** 1/8-1/4

0.241 mi. 1274 ft.

Click here for full text details

Relative: Higher

UST

Tank Status: Closed Facility Id: 3-010742

**ALLSITES** 

Facility Id: 2011BAZ395

C6 **ROGER'S NORTHSIDE GARAGE** UST U004114186 **ALLSITES** N/A

**ENE** 1170 N 29TH ST 1/4-1/2 **BOISE, ID 83702** 

0.256 mi. 1353 ft.

Click here for full text details

Relative: Higher

> Tank Status: Closed Facility Id: 3-010863

**ALLSITES** 

Facility Id: 2011BAZ5643

D7 **JACKSONS FOOD STORE #007** LUST U003791271

**NNE** 3110 STATE ST UST N/A **BOISE, ID 83703 Financial Assurance** 1/4-1/2

0.271 mi. 1433 ft.

Click here for full text details Relative:

Higher LUST

Status: LUST Cleanup Initiated

Facility Id: 3-010248

UST

Map ID MAP FINDINGS

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

JACKSONS FOOD STORE #007 (Continued)

U003791271

Tank Status: Active Facility Id: 3-010248

**Financial Assurance** Facility Id: 3-010248

Facility Status: Active

D8 **JACKSONS FOOD STORE NO 7**  **ALLSITES S113713548** 

LUST

UST

UST

**ALLSITES** 

U003724871

N/A

**ALLSITES** 

N/A

U003724685

N/A

NNE 3110 STATE ST BOISE, ID 1/4-1/2 0.271 mi.

1433 ft.

Click here for full text details

Relative: Higher

**ALLSITES** 

Facility Id: 2011BAZ3463

PERRY'S CAR WASH & BEV

ΝE 3000 W STATE ST 1/4-1/2 **BOISE, ID 83703** 

0.272 mi. 1434 ft.

Click here for full text details

Relative: Higher

LUST

Status: Site Cleanup Completed

Facility Id: 3-010170 Cleanup Date: 05/15/2002

UST

Tank Status: Closed Facility Id: 3-010170

**ALLSITES** 

Facility Id: 2011BAZ5100

D10 **GERMAN CAR SERVICE** NNE 3130 W STATE ST 1/4-1/2 **BOISE, ID 83703** 

0.281 mi. 1484 ft.

Click here for full text details

Relative: Higher

UST

Tank Status: Closed Facility Id: 3-010420

**ALLSITES** 

Facility Id: 2011BAZ2465

MAP FINDINGS Map ID

Direction Distance

Database(s) Elevation Site **EPA ID Number** 

11 **ALBERTSONS NO 8110 ALLSITES** S108273487 **ESE** 2700 REGAN AVE N/A

1/4-1/2 BOISE, ID

0.282 mi. 1489 ft.

Click here for full text details

Relative: Higher

**ALLSITES** 

Facility Id: 2011BAZ199

C12 MCRAES CLEANERS STATE ST **ALLSITES S113713909** 

**ENE** 2753 W STATE ST 1/4-1/2 BOISE, ID

0.289 mi.

1525 ft.

Click here for full text details Relative:

Higher

**ALLSITES** 

Facility Id: 2011BAZ4352

E13 QUIN ROBBINS CO INC LUST U003724639 N/A

3100 MADISON ST South UST 1/4-1/2 **BOISE, ID 83702 SPILLS** 0.299 mi. **Financial Assurance** 

1581 ft.

Click here for full text details

Relative: Higher

LUST

Status: Site Cleanup Completed Status: Confirmed Release Facility Id: 3-010109 Cleanup Date: 08/01/1995 Cleanup Date: 06/30/1992

UST

Tank Status: Closed Facility Id: 3-010109

**SPILLS** 

Close Date: 8/1/1995

**Financial Assurance** 

Facility Id: 3-010109 Facility Status: Closure

14 **DICK'S CHEVRON STATION** 

North 3200 W STATE ST 1/4-1/2 **BOISE, ID 83703** 

0.315 mi. 1663 ft.

Click here for full text details

Relative: Higher

LUST

Status: Site Cleanup Completed

TC4710136.2s Page 11

U003724879

N/A

LUST

UST

**ALLSITES** 

**Financial Assurance** 

**EDR ID Number** 

N/A

Map ID MAP FINDINGS

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**DICK'S CHEVRON STATION (Continued)** 

U003724879

Facility Id: 3-010431 Cleanup Date: 05/23/2008

UST

Tank Status: Active Facility Id: 3-010431

**ALLSITES** 

Facility Id: 2011BAZ1812

**Financial Assurance** Facility Id: 3-010431 Facility Status: Active

**QUINN ROBBINS CO INC ALLSITES S113714411** E15 N/A

South **3017 MADISON AVE** BOISE, ID 1/4-1/2

0.316 mi.

1670 ft.

Click here for full text details

Relative: Higher

**ALLSITES** 

Facility Id: 2011BAZ5358

**STATE ST GAS ALLSITES** S113714755 16 East 2703 STATE ST N/A

1/4-1/2 BOISE, ID

0.324 mi. 1711 ft.

Click here for full text details

Relative: Higher

**ALLSITES** 

Facility Id: 2011BAZ6171

17 LOWELL ELEMENTARY PARKING LOT ALLSITES S113715529 UIC N/A

ΝE 1507 N 28TH ST 1/4-1/2 BOISE, ID 0

0.344 mi. 1817 ft.

Click here for full text details

Relative: Higher

**ALLSITES** 

Facility Id: 2011BAZ772

UIC

UIC Number: 63X1637001 UIC Number: 63X1637002

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Database(s) Elevation Site **EPA ID Number** 

F18 **ID TRANS DEPT MATERIALS LAB** ALLSITES S108274206 N/A

North 3311 W STATE ST

BOISE, ID 1/4-1/2 0.355 mi.

1876 ft.

Click here for full text details Relative:

Lower

**ALLSITES** 

Facility Id: 2011BAZ3091

19 **ADS PARTNERSHIP DAVIS PACKING ALLSITES S113712710** 

SW 400 E 36TH ST 1/4-1/2 **GARDEN CITY, ID** 

0.371 mi. 1957 ft.

Click here for full text details

Relative: Lower

**ALLSITES** 

Facility Id: 2011BAZ161

F20 **TARGET SUBARU** UST U003724924 **ALLSITES** N/A

3310 W STATE ST North 1/4-1/2 **BOISE, ID 83703** 

0.387 mi. 2044 ft.

Click here for full text details

Relative: Lower

UST

Tank Status: Closed Facility Id: 3-010498

**ALLSITES** 

Facility Id: 2011BAZ6358

21 **ESP INC** ALLSITES S113712911

**WSW** 317 E 37TH ST 1/4-1/2 **GARDEN CITY, ID** 

0.388 mi. 2048 ft.

Click here for full text details Relative:

Lower

**ALLSITES** 

Facility Id: 2011BAZ2054

G22 **CORRIDOR SURF SHOP ALLSITES S114296204** 

SW 314 E 35TH ST **GARDEN CITY, ID** 1/4-1/2

0.388 mi. 2048 ft.

Click here for full text details Relative:

Lower

**ALLSITES** 

Facility Id: 2013BAZ398

N/A

N/A

N/A

Map ID MAP FINDINGS

Direction Distance

Distance Elevation Site EDR ID Number Database(s) EPA ID Number

G23 RIVERSIDE AUTO BODY ALLSITES S113714500 SW 315 E 35TH ST N/A

SW 315 E 35TH ST 1/4-1/2 GARDEN CITY, ID

0.393 mi. 2076 ft.

Click here for full text details

Relative: Lower

**ALLSITES** 

Facility Id: 2011BAZ5573

 H24
 ACHD-ADAMS
 LUST
 U003724677

 West
 3700 ADAMS ST
 UST
 N/A

**Financial Assurance** 

1/4-1/2 BOISE, ID 83714 0.414 mi.

2184 ft.

Click here for full text details

Relative: Lower

LUST

Status: Site Investigation Completed

Facility Id: 3-010158 Cleanup Date: 04/15/1994

UST

Tank Status: Active Facility Id: 3-010158

Financial Assurance Facility Id: 3-010158 Facility Status: Active

\_\_\_\_\_

 H25
 ACHD FACILITY
 ALLSITES
 \$103809524

 West
 3700 ADAMS
 \$PILLS
 N/A

1/4-1/2 GARDEN CITY, ID 83714

0.414 mi. 2184 ft.

Click here for full text details

Relative: Lower

**ALLSITES** 

Facility Id: 2011BAZ131

**SPILLS** 

Close Date: 4/15/1994

26 ADA CNTY HWY DIST E 37TH ALLSITES S113712589
WSW 318 E 37TH ST N/A

WSW 318 E 37TH ST 1/4-1/2 GARDEN CITY, ID 0.445 mi.

2347 ft.

Click here for full text details

Relative: Lower

ALLSITES

Facility Id: 2011BAZ134

Map ID MAP FINDINGS

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

27 MOUNTAIN STEEL FABRICATION ALLSITES S117553174
SW 305 E 36TH ST N/A

SW 305 E 36TH ST 1/4-1/2 GARDEN CITY, ID

0.447 mi. 2359 ft.

Click here for full text details

Relative: Lower

**ALLSITES** 

Facility Id: 2014BAZ101

28 F & M INC ALLSITES S108274355

South 257 N 30TH ST 1/4-1/2 BOISE, ID

0.459 mi. 2423 ft.

Click here for full text details

Relative: Higher

**ALLSITES** 

Facility Id: 2011BAZ2088

-----

 29
 WHITMORE ENTERPRISES INC
 UST
 U003724578

 North
 3319 DEWEY
 ALLSITES
 N/A

North 3319 DEWEY 1/4-1/2 BOISE, ID 83703

0.470 mi. 2481 ft.

Click here for full text details

Relative: Lower

UST

Tank Status: Closed Facility Id: 3-010031

**ALLSITES** 

Facility Id: 2011BAZ7449

N/A

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
ID	AIRS	Permitted Sources & Emissions Listing	Department of Environmental Quality	03/28/2016	04/01/2016	05/06/2016
ID	ALLSITES	Remediation Database	Department of Environmental Quality	06/06/2016	06/08/2016	06/23/2016
ID	BROWNFIELDS	Brownfields Inventory	Department of Environmental Quality	06/06/2016	06/08/2016	06/23/2016
ID	CDL	Clandestine Drug Labs	Idaho State Police	07/22/2010	10/01/2010	10/29/2010
ID	CDL 2	Clandestine Drug (Meth) Laboratory Site Property List	Dept of Health & Welfare	01/26/2015	03/11/2015	03/20/2015
ID	DRYCLEANERS	Drycleaner Listing	Department of Environmental Quality	07/06/2009	07/13/2009	07/28/2009
ID	Financial Assurance 1	Financial Assurance Information Listing	Department of Environmental Quality	04/29/2016	05/04/2016	06/23/2016
ID	Financial Assurance 2	Financial Assurance Information Listing	Department of Environmental Quality	08/28/2016	08/01/2016	08/22/2016
ID	HISTORICAL LANDFILL	Idaho Historical Landfills	Department of Environmental Quality	07/10/1997	02/21/2002	03/27/2002
ID	INST CONTROL	Sites with Institutional Controls Restricting Use	Department of Environmental Quality	06/06/2016	06/08/2016	07/19/2016
ID	LAST	Leaking Aboveground Storage Tanks	Department of Environmental Quality	06/20/2011	06/22/2011	06/30/2011
ID	LUST	Leaking Underground Storage Tank Sites	Department of Environmental Quality	07/05/2016	07/06/2016	08/22/2016
ID	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Environmental Quality	0770072010	07/01/2013	01/17/2014
ID	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	Department of Environmental Quality		07/01/2013	
ID	SHWS	This state does not maintain a SHWS list. See the Federal CE	Department of Environmental Quality		0770172010	01/00/2014
ID	SPILLS	Spills Data	Department of Environmental Quality	06/20/2011	06/22/2011	06/30/2011
ID	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/01/2006	01/03/2013	03/06/2013
ID	SWF/LF	Solid Waste Landfills	Department of Environmental Quality	06/06/2016	06/08/2016	06/23/2016
ID	SWTIRE	Waste Tire Collection Sites	Department of Environmental Quality	03/15/2002	09/16/2004	11/02/2004
ID	TIER 2	Tier 2 Data Listing	Bureau of Homeland Security	12/31/2011	05/25/2012	06/19/2012
ID	UIC	Underground Injection Wells Database Listing	Department of Water Resources	07/20/2016	07/25/2012	08/22/2016
ID	UST	Registered Underground Storage Tanks in Idaho	Department of Water Resources  Department of Environmental Quality	07/20/2016	07/25/2016	08/22/2016
ID	VCP	Voluntary Cleanup Program Sites	Department of Environmental Quality	06/06/2016	06/08/2016	06/23/2016
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	04/22/2013	03/03/2015	03/09/2015
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2013	03/03/2015	09/30/2015
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2013	08/07/2009	10/22/2009
US	COAL ASH EPA		Environmental Protection Agency	07/01/2014	09/10/2014	10/20/2014
	CONSENT	Coal Combustion Residues Surface Impoundments List	Department of Justice, Consent Decree Library	12/31/2014	09/10/2014	
US		Superfund (CERCLA) Consent Decrees	EPA		03/02/2016	06/02/2015
US	CORRACTS	Corrective Action Report		12/09/2015		04/05/2016
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	03/01/2016	03/03/2016	04/05/2016
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	07/31/2012	08/07/2012	09/18/2012
US	Delisted NPL	National Priority List Deletions	EPA	03/07/2016	04/05/2016	04/15/2016
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	09/20/2015	09/23/2015	01/04/2016
US	EDR Hist Auto	EDR Exclusive Historic Gas Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historic Dry Cleaners	EDR, Inc.			
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.	00/00/00/0	00/04/0044	0011710011
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	03/28/2016	03/30/2016	05/20/2016
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	11/13/2015	01/06/2016	05/20/2016
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FEMA UST	Underground Storage Tank Listing	FEMA	01/01/2010	02/16/2010	04/12/2010
US	FINDS	Facility Index System/Facility Registry System	EPA	07/20/2015	09/09/2015	11/03/2015
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	01/31/2015	07/08/2015	10/13/2015

US HIST FTTS   FirRA/TSCA Tracking System Administrative Case Listing   Environmental Protection Agency   10/19/2006 303/19/2007 40/10/2007 US HIST FTTS INSP   FIFRA/TSCA Tracking System Administrative Case Listing   Environmental Protection Agency   10/19/2006 303/19/2007 40/10/2007 US HIST FTTS INSP   FIFRA/TSCA Tracking System Inspection & Environmental Protection Agency   10/19/2006 303/19/2007 40/10/2007 US HIST FTTS INSP   FIFRA/TSCA Tracking System Inspection & Environmental Protection Agency   10/19/2016 10/20/2015 303/20/211 US INDIAN LUST R1   Leaking Underground Storage Tanks on Indian Land   EP A Region 1   10/27/2016 10/20/2015 303/20/211 US INDIAN LUST R1   Leaking Underground Storage Tanks on Indian Land   EP A Region 1   10/27/2016 10/20/20/2016 10/20/2016 US INDIAN LUST R8   Leaking Underground Storage Tanks on Indian Land   EP A Region 1   20/19/2016 40/29/2016 40/29/2016 US INDIAN LUST R8   Leaking Underground Storage Tanks on Indian Land   EP A Region 6   12/11/2016 40/29/2016 40/29/2016 US INDIAN LUST R8   Leaking Underground Storage Tanks on Indian Land   EP A Region 6   12/11/2016 40/29/2016 40/29/2016 US INDIAN LUST R8   Leaking Underground Storage Tanks on Indian Land   EP A Region 6   12/11/2015 40/29/2016 40/29/2016 US INDIAN LUST R8   Leaking Underground Storage Tanks on Indian Land   EP A Region 1   10/20/2015 10/20/2016 40/29/2016 US INDIAN LUST R8   Leaking Underground Storage Tanks on Indian Land   EP A Region 1   10/20/2015 10/20/2016 40/20/2016 US INDIAN LUST R8   Leaking Underground Storage Tanks on Indian Land   EP A Region 1   10/20/2015 10/20/2016 40/20/2016 US INDIAN UST R1   Leaking Underground Storage Tanks on Indian Land   EP A Region 1   10/20/2015 10/20/2016 40/20/2016 US INDIAN UST R1   Underground Storage Tanks on Indian Land   EP A Region 1   10/20/2015 10/20/2016 40/20/2016 US INDIAN UST R8   Underground Storage Tanks on Indian Land   EP A Region 1   10/20/2015 10/20/2016 40/20/2016 US INDIAN UST R8   Underground Storage Tanks on Indian Land   EP A Region 1   10	St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US HIST FTTS   FIFRA/TSCA Tracking System Administrative Case Listing   US HIST FTTS INSP   FIFRA/TSCA Tracking System Integrated Series   Hazardous Materials Information Reporting System   US   US   Hall S   Hazardous Materials Information Reporting System   US   US   US   Department of Transportation   06/24/2015   06/26/2015   09/02/2015   US   INDIAN LUST R1   Leaking Underground Storage Tanks on Indian Land   EPA Region 1   10/27/2015   10/28/2015   09/02/2015   US   INDIAN LUST R1   Leaking Underground Storage Tanks on Indian Land   EPA Region 1   10/27/2015   10/28/2015   09/02/2015   US   INDIAN LUST R4   Leaking Underground Storage Tanks on Indian Land   EPA Region 1   0.07/2016   0.07/2016   0.08/2016   0.08/2016   US   INDIAN LUST R6   Leaking Underground Storage Tanks on Indian Land   EPA Region 6   12/11/2015   0.07/2016   0.08/2016   US   INDIAN LUST R6   Leaking Underground Storage Tanks on Indian Land   EPA Region 8   12/11/2015   0.08/2016   0.08/2016   US   INDIAN LUST R8   Leaking Underground Storage Tanks on Indian Land   EPA Region 8   12/11/2015   0.07/2016   0.08/2016   0.08/2016   US   INDIAN LUST R9   Leaking Underground Storage Tanks on Indian Land   EPA Region 8   10/13/2015   10/23/2015   0.08/2016   0.08	US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	05/24/2016	05/25/2016	07/13/2016
US   HIST FTTS INSP   FIFRATSCA Tracking System Inspection & Enforcement Case Lis   Lish HIMPS   Hazardous Materials Information Reporting System   Environmental Protection Agency   10/19/2006   60/26/2015   60/	US	FUSRAP	Formerly Utilized Sites Remedial Action Program		03/11/2016	03/15/2016	06/03/2016
US   HIST FTTS INSP   FIFRATSCA Tracking System Inspection & Enforcement Case Lis   Lish HIMPS   Hazardous Materials Information Reporting System   Environmental Protection Agency   10/19/2006   60/26/2015   60/	US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US         Integrated Compliance Information System         Environmental Protection Agency         01/23/2015         02/06/2015         03/09/2015           US         INDIAN LUST R10         Leaking Underground Storage Tanks on Indian Land         EPA Region 1         0.01/07/2016         01/08/2016         02/18/2016           US         INDIAN LUST R4         Leaking Underground Storage Tanks on Indian Land         EPA Region 1         0.02/05/2016         04/29/2016         06/03/2016           US         INDIAN LUST R5         Leaking Underground Storage Tanks on Indian Land         EPA, Region 5         0.01/12/2015         02/19/2016         06/03/2016           US         INDIAN LUST R6         Leaking Underground Storage Tanks on Indian Land         EPA Region 7         10/09/2015         02/19/2016         06/03/2016           US         INDIAN LUST R8         Leaking Underground Storage Tanks on Indian Land         EPA Region 7         10/09/2015         02/12/2016         06/03/2016           US         INDIAN LUST R8         Leaking Underground Storage Tanks on Indian Land         EPA Region 7         10/03/2015         02/13/2016         06/03/2016           US         INDIAN LUST R8         Leaking Underground Storage Tanks on Indian Land         EPA Region 7         10/03/2016         02/13/2010         02/13/2010         02/13/2010         02/13/2010	US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis		10/19/2006	03/01/2007	04/10/2007
INDIAN LUST R1	US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	06/24/2015	06/26/2015	09/02/2015
INDIAN LUST R10	US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	01/23/2015	02/06/2015	03/09/2015
INDIAN LUST R4	US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	10/27/2015	10/29/2015	01/04/2016
USI         INDIAN LUST R6         Leaking Underground Storage Tanks on Indian Land         EPA, Region 5         02/17/2016         04/27/2016         06/03/2018           USI         INDIAN LUST R6         Leaking Underground Storage Tanks on Indian Land         EPA Region 7         10/09/2015         02/19/2016         06/03/2018           USI         INDIAN LUST R8         Leaking Underground Storage Tanks on Indian Land         EPA Region 8         10/13/2015         10/23/2015         02/12/2016         06/03/2018           USI         INDIAN LUST R9         Leaking Underground Storage Tanks on Indian Land         EPA Region 1         10/13/2015         10/23/2015         02/18/2016         06/03/2018           USI         INDIAN DOI         Report on the Status of Open Dumps on Indian Lands         Environmental Protection Agency         12/31/2005         12/03/2007         01/24/2006         01/24/2016         06/03/2018         01/24/2007         01/24/2006         01/24/2007         01/24/2007         01/24/2007         01/24/2007         01/24/2007         01/24/2008         02/18/2016         04/27/2016         06/03/2018         04/27/2016         06/03/2018         04/27/2016         04/27/2016         04/27/2016         04/27/2016         04/27/2016         04/27/2016         04/27/2016         04/27/2015         04/27/2016         04/27/2016         04/27/20	US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	01/07/2016	01/08/2016	02/18/2016
USI         INDIAN LUST R6         Leaking Underground Storage Tanks on Indian Land         EPA, Region 5         02/17/2016         04/27/2016         06/03/2018           USI         INDIAN LUST R6         Leaking Underground Storage Tanks on Indian Land         EPA Region 7         10/09/2015         02/19/2016         06/03/2018           USI         INDIAN LUST R8         Leaking Underground Storage Tanks on Indian Land         EPA Region 8         10/13/2015         10/23/2015         02/12/2016         06/03/2018           USI         INDIAN LUST R9         Leaking Underground Storage Tanks on Indian Land         EPA Region 1         10/13/2015         10/23/2015         02/18/2016         06/03/2018           USI         INDIAN DOI         Report on the Status of Open Dumps on Indian Lands         Environmental Protection Agency         12/31/2005         12/03/2007         01/24/2006         01/24/2016         06/03/2018         01/24/2007         01/24/2006         01/24/2007         01/24/2007         01/24/2007         01/24/2007         01/24/2007         01/24/2008         02/18/2016         04/27/2016         06/03/2018         04/27/2016         06/03/2018         04/27/2016         04/27/2016         04/27/2016         04/27/2016         04/27/2016         04/27/2016         04/27/2016         04/27/2015         04/27/2016         04/27/2016         04/27/20	US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	02/05/2016	04/29/2016	06/03/2016
US         INDIAN LUST R6         Leaking Underground Storage Tanks on Indian Land         EPA Region 6         12/11/2015         02/19/2016         06/03/2016           US         INDIAN LUST R7         Leaking Underground Storage Tanks on Indian Land         EPA Region 8         10/13/2015         02/12/2015         02/18/2016         06/03/2016           US         INDIAN LUST R8         Leaking Underground Storage Tanks on Indian Land         EPA Region 8         10/13/2015         02/18/2016         06/03/2016           US         INDIAN DOI         Report on the Status of Open Dumps on Indian Lands         Environmental Protection Agency         12/31/2005         12/08/2006         01/12/2016         06/03/2016           US         INDIAN DOI         Report on the Status of Open Dumps on Indian Land         Environmental Protection Agency         12/31/2005         12/08/2006         01/11/2007         01/24/2015         02/08/2016         01/12/2015         02/08/2016         01/12/2016         01/08/2016         01/12/2016         06/08/2016         01/12/2016         06/08/2016         02/12/2016         06/08/2016         01/12/2015         02/12/2016         06/08/2016         01/12/2016         06/08/2016         01/12/2016         06/08/2016         01/12/2016         06/08/2016         06/08/2016         06/08/2016         06/08/2016         06/08/2016 <t< td=""><td>US</td><td>INDIAN LUST R5</td><td>Leaking Underground Storage Tanks on Indian Land</td><td>EPA, Region 5</td><td>02/17/2016</td><td>04/27/2016</td><td>06/03/2016</td></t<>	US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	02/17/2016	04/27/2016	06/03/2016
US         INDIAN LUST R8         Leaking Underground Storage Tanks on Indian Land         EPA Region 8         10/13/2015         10/23/2015         02/18/2016         06/03/2016 <th< td=""><td>US</td><td>INDIAN LUST R6</td><td></td><td>EPA Region 6</td><td>12/11/2015</td><td>02/19/2016</td><td>06/03/2016</td></th<>	US	INDIAN LUST R6		EPA Region 6	12/11/2015	02/19/2016	06/03/2016
US         INDIAN LUST R8         Leaking Underground Storage Tanks on Indian Land         EPA Region 8         10/13/2015         10/23/2015         02/18/2016         06/03/2016 <th< td=""><td>US</td><td>INDIAN LUST R7</td><td></td><td>EPA Region 7</td><td>10/09/2015</td><td>02/12/2016</td><td>06/03/2016</td></th<>	US	INDIAN LUST R7		EPA Region 7	10/09/2015	02/12/2016	06/03/2016
US   INDIAN ODI   Report on the Status of Open Dumps on Indian Lands   Invironmental Protection Agency   12/31/1908   12/31/2005   10/32/2007   10/12/4/2008   10/31/2008   12/31/2005   12/31/2005   10/32/2007   10/32/2015	US	INDIAN LUST R8			10/13/2015	10/23/2015	02/18/2016
US   INDIAN ODI   Report on the Status of Open Dumps on Indian Lands   Invironmental Protection Agency   12/31/1908   12/31/2005   10/32/2007   10/12/4/2008   10/31/2008   12/31/2005   12/31/2005   10/32/2007   10/32/2015	US	INDIAN LUST R9			02/25/2016	04/27/2016	06/03/2016
US         INDIAN RESERV         Indian Reservations         USGS         12/31/2005         12/08/2006         01/11/2007           US         INDIAN UST R1         Underground Storage Tanks on Indian Land         EPA, Region 1         01/07/2016         01/09/2015         01/04/2016           US         INDIAN UST R10         Underground Storage Tanks on Indian Land         EPA Region 1         01/07/2016         01/07/2016         01/08/2016         02/05/2016         04/29/2016         06/03/2018           US         INDIAN UST R4         Underground Storage Tanks on Indian Land         EPA Region 5         11/05/2015         11/13/2015         01/04/2016         06/03/2018         06/03/2018         02/04/2016         06/03/2018         06/03/2018         01/04/2016         06/03/2018         06/03/201	US	INDIAN ODI			12/31/1998	12/03/2007	01/24/2008
US         INDIAN UST R1         Underground Storage Tanks on Indian Land         EPA, Region 1         10/20/2015         10/29/2015         01/04/2016           US         INDIAN UST R10         Underground Storage Tanks on Indian Land         EPA Region 1         01/07/2016         01/08/2016         02/18/2016         02/08/2016	US	INDIAN RESERV		· ,		12/08/2006	01/11/2007
US         INDIAN UST R10         Underground Storage Tanks on Indian Land         EPA Region 10         01/07/2016         01/08/2016         02/18/2016           US         INDIAN UST R4         Underground Storage Tanks on Indian Land         EPA Region 4         02/05/2016         04/29/2016         06/03/2016           US         INDIAN UST R5         Underground Storage Tanks on Indian Land         EPA Region 5         11/105/2015         11/105/2015         11/105/2015         10/04/2016         06/03/2016           US         INDIAN UST R6         Underground Storage Tanks on Indian Land         EPA Region 6         12/03/2015         02/04/2016         06/03/2016           US         INDIAN UST R8         Underground Storage Tanks on Indian Land         EPA Region 8         01/26/2016         02/05/2014         01/29/2015         06/03/2016           US         INDIAN UST R8         Underground Storage Tanks on Indian Land         EPA Region 8         01/26/2016         04/27/2016         06/03/2016           US         INDIAN VCP R1         Voluntary Cleanup Priority Listing         EPA, Region 9         02/25/2016         04/27/2016         06/03/2016           US         LEAD SMELTER 1         Lead Smelter Sites         Environmental Protection Agency         11/25/2014         11/25/2014         11/25/2014         11/25/2016	US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	10/20/2015		01/04/2016
US         INDIAN UST R4         Underground Storage Tanks on Indian Land         EPA Region 4         02/05/2016         04/29/2016         06/03/2016           US         INDIAN UST R5         Underground Storage Tanks on Indian Land         EPA Region 5         11/05/2015         11/13/2015         02/04/2016         06/03/2016           US         INDIAN UST R6         Underground Storage Tanks on Indian Land         EPA Region 7         09/23/2014         11/25/2014         01/29/2016         06/03/2018           US         INDIAN UST R7         Underground Storage Tanks on Indian Land         EPA Region 7         09/23/2014         11/25/2014         01/29/2016         06/03/2018           US         INDIAN UST R8         Underground Storage Tanks on Indian Land         EPA Region 8         01/26/2016         02/05/2016         06/03/2016           US         INDIAN UST R9         Underground Storage Tanks on Indian Land         EPA Region 8         01/26/2016         04/27/2016         06/03/2016           US         INDIAN UST R9         Underground Storage Tanks on Indian Land         EPA Region 8         01/26/2016         04/27/2016         06/03/2016           US         INDIAN UST R9         Underground Storage Tanks on Indian Land         EPA Region 1         07/27/2015         09/29/2015         06/03/2016         06/03/2016	US	INDIAN UST R10			01/07/2016	01/08/2016	02/18/2016
US         INDIAN UST R5         Underground Storage Tanks on Indian Land         EPA Region 5         11/05/2015         11/13/2015         01/04/2016           US         INDIAN UST R6         Underground Storage Tanks on Indian Land         EPA Region 6         12/03/2015         02/04/2016         06/03/2016           US         INDIAN UST R7         Underground Storage Tanks on Indian Land         EPA Region 7         09/23/2014         11/25/2014         01/25/2016         06/03/2016           US         INDIAN UST R8         Underground Storage Tanks on Indian Land         EPA Region 8         01/26/2016         02/25/2016         06/03/2016           US         INDIAN UST R9         Underground Storage Tanks on Indian Land         EPA Region 9         02/25/2016         04/27/2016         06/03/2016           US         INDIAN VCP R1         Voluntary Cleanup Priority Listing         EPA, Region 1         07/27/2015         09/29/2015         02/18/2016         06/03/2016           US         LEAD SMELTER 1         Lead Smelter Sites         Environmental Protection Agency         11/25/2014         11/25/2014         01/29/2015           US         LEAD SMELTER 2         Lead Smelter Sites         Environmental Protection Agency         02/18/2016         04/05/2016         04/22/2018           US         LIENS 2	US	INDIAN UST R4		•	02/05/2016	04/29/2016	06/03/2016
US         INDIAN UST R6         Underground Storage Tanks on Indian Land         EPA Region 6         12/03/2015         02/04/2016         06/03/2016           US         INDIAN UST R7         Underground Storage Tanks on Indian Land         EPA Region 7         09/23/2014         11/25/2014         01/25/2016         04/23/2016           US         INDIAN UST R8         Underground Storage Tanks on Indian Land         EPA Region 8         01/26/2016         04/25/2016         06/03/2016           US         INDIAN UST R9         Underground Storage Tanks on Indian Land         EPA Region 9         02/25/2016         04/27/2016         06/03/2016           US         INDIAN VCP R1         Voluntary Cleanup Priority Listing         EPA, Region 1         07/27/2015         09/29/2015         02/18/2016           US         INDIAN VCP R7         Voluntary Cleanup Priority Listing         EPA, Region 1         07/27/2015         09/29/2015         02/18/2016           US         LEAD SMELTER 1         Lead Smelter Sites         Environmental Protection Agency         11/25/2014         11/25/2014         11/26/2014         01/29/2015           US         LEAD SMELTER 2         Lead Smelter Sites         American Journal of Public Health         04/05/2010         04/05/2010         01/27/2010         12/20/2010           US	US	INDIAN UST R5		EPA Region 5	11/05/2015	11/13/2015	01/04/2016
US         INDIAN UST R7         Underground Storage Tanks on Indian Land         EPA Region 7         09/23/2014         11/25/2014         01/29/2015           US         INDIAN UST R8         Underground Storage Tanks on Indian Land         EPA Region 8         01/26/2016         02/05/2016         06/03/2016           US         INDIAN UST R9         Underground Storage Tanks on Indian Land         EPA Region 9         02/25/2016         04/27/2016         06/03/2016           US         INDIAN VCP R1         Voluntary Cleanup Priority Listing         EPA, Region 1         07/27/2015         09/29/2015         02/18/2016         06/03/2016           US         INDIAN VCP R7         Voluntary Cleanup Priority Listing         EPA, Region 7         03/20/2008         04/22/2008         05/19/2008           US         LEAD SMELTER 1         Lead Smelter Sites         Environmental Protection Agency         11/25/2014         11/26/2014         01/29/2015           US         LEAD SMELTER 2         Lead Smelter Sites         Environmental Protection Agency         02/18/2015         01/27/2010         12/20/2010           US         LIENS 2         CERCLA Lien Information         Environmental Protection Agency         02/18/2014         03/18/2016         04/15/2016           US         MLTS         Material Licensing Tracking System<	US	INDIAN UST R6		EPA Region 6	12/03/2015	02/04/2016	06/03/2016
US         INDIAN UST R8         Underground Storage Tanks on Indian Land         EPA Region 8         01/26/2016         02/05/2016         06/03/2016           US         INDIAN UST R9         Underground Storage Tanks on Indian Land         EPA Region 9         02/25/2016         04/27/2015         06/03/2016           US         INDIAN VCP R1         Voluntary Cleanup Priority Listing         EPA, Region 1         07/27/2015         09/29/2015         02/18/2010         02/18/2010         02/18/2010         02/18/2010         06/03/2016         06/05/2016         06/19/2006         06/19/2016         06/19/2016         06/19/2016         06/19/2016         06/19/2016         06/19/2016         06/19/2016         06/19/2016         06/19/2016         06/19/2016         06/19/2016         06/19/2016         06/19/2016         06/19/2016         06/19/2016         06/19/2016         06/19/2016         06/19/2016         06/19/2016         06/19	US	INDIAN UST R7			09/23/2014	11/25/2014	01/29/2015
US         INDIAN UST R9         Underground Storage Tanks on Indian Land         EPA Region 9         02/25/2016         04/27/2015         06/03/2016           US         INDIAN VCP R1         Voluntary Cleanup Priority Listing         EPA, Region 1         07/27/2015         09/29/2015         02/18/2016           US         INDIAN VCP R7         Voluntary Cleanup Priority Listing         EPA, Region 7         03/20/2008         04/22/2008         05/19/2008           US         LEAD SMELTER 1         Lead Smelter Sites         Environmental Protection Agency         11/25/2014         11/26/2014         01/29/2015         02/18/2014         01/29/2016           US         LEAD SMELTER 2         Lead Smelter Sites         Environmental Protection Agency         11/25/2014         01/26/2014         01/29/2015         01/29/2016         01/29/2016         01/29/2016         02/18/2014         04/29/2010         01/29/2016         04/05/2001         01/29/2011         01/29/2011         01/29/2011         01/29/2011         01/29/2011         01/29/2011         01/29/2011         01/29/2011         01/29/2011         01/29/2011         01/29/2011         01/29/2011         01/29/2011         01/29/2011         04/29/2010         02/29/2011         01/29/2011         04/29/2012         02/29/2011         04/29/2012         02/29/2012         02/29/	US	INDIAN UST R8				02/05/2016	06/03/2016
US         INDIAN VCP R1         Voluntary Cleanup Priority Listing         EPA, Region 1         07/27/2015         09/29/2015         02/18/2016           US         INDIAN VCP R7         Voluntary Cleanup Priority Listing         EPA, Region 7         03/20/2008         04/22/2008         05/19/2008           US         LEAD SMELTER 1         Lead Smelter Sites         Environmental Protection Agency         11/25/2014         11/26/2014         01/29/2015           US         LEAD SMELTER 2         Lead Smelter Sites         American Journal of Public Health         04/05/2001         10/27/2010         12/02/2010           US         LIENS 2         CERCLA Lien Information         Environmental Protection Agency         02/18/2014         03/18/2014         04/24/2014           US         LUCIS         Land Use Control Information System         Department of the Navy         05/28/2015         05/29/2015         06/11/2016           US         MLTS         Material Licensing Tracking System         Nuclear Regulatory Commission         03/07/2016         04/15/2016         04/15/2016           US         NPL         National Priority List         EPA         03/07/2016         04/05/2016         04/15/2016           US         NPL LIENS         Federal Superfund Liens         EPA         10/15/1991         02/0	US	INDIAN UST R9		EPA Region 9	02/25/2016	04/27/2016	06/03/2016
US         INDIAN VCP R7         Voluntary Cleanup Priority Lisitng         EPA, Region 7         03/20/2008         04/22/2008         05/19/2008           US         LEAD SMELTER 1         Lead Smelter Sites         Environmental Protection Agency         11/25/2014         11/26/2014         01/29/2015           US         LEAD SMELTER 2         Lead Smelter Sites         American Journal of Public Health         04/05/2001         10/27/2010         12/02/2010           US         LIENS 2         CERCLA Lien Information         Environmental Protection Agency         02/18/2014         03/18/2014         04/24/2014           US         LUCIS         Land Use Control Information System         Department of the Navy         05/28/2015         05/29/2015         06/11/2015           US         MLTS         Material Licensing Tracking System         Nuclear Regulatory Commission         03/07/2016         03/18/2016         04/15/2016           US         NPL         NPL         National Priority List         EPA         03/07/2016         04/05/2016         04/15/2016           US         NPL LIENS         Federal Superfund Liens         EPA         10/15/1991         02/02/1994         03/07/2004           US         ODI         Open Dump Inventory         Environmental Protection Agency         06/30/1985	US	INDIAN VCP R1			07/27/2015	09/29/2015	02/18/2016
US         LEAD SMELTER 1         Lead Smelter Sites         Environmental Protection Agency         11/25/2014         01/29/2015           US         LEAD SMELTER 2         Lead Smelter Sites         American Journal of Public Health         04/05/2001         10/27/2010         12/02/2010           US         LIENS 2         CERCLA Lien Information         Environmental Protection Agency         02/18/2014         03/18/2014         04/24/2012           US         LUCIS         Land Use Control Information System         Department of the Navy         05/28/2015         05/29/2015         06/11/2016           US         MLTS         Material Licensing Tracking System         Nuclear Regulatory Commission         03/07/2016         03/07/2016         04/05/2016         04/15/2016           US         NPL         National Priority List         EPA         03/07/2016         04/05/2016         04/15/2016           US         NPL LIENS         Federal Superfund Liens         EPA         03/07/2016         04/05/2016         04/05/2016         04/15/2016           US         ODI         Open Dump Inventory         Environmental Protection Agency         06/30/1985         08/09/2004         09/17/2004           US         PADS         PCB Transformer Registration Database         Environmental Protection Agency <th< td=""><td>US</td><td>INDIAN VCP R7</td><td></td><td></td><td>03/20/2008</td><td>04/22/2008</td><td>05/19/2008</td></th<>	US	INDIAN VCP R7			03/20/2008	04/22/2008	05/19/2008
US       LIENS 2       CERCLA Lien Information       Environmental Protection Agency       02/18/2014       03/18/2014       04/24/2014         US       LUCIS       Land Use Control Information System       Department of the Navy       05/28/2015       05/29/2015       06/11/2015         US       MLTS       Material Licensing Tracking System       Nuclear Regulatory Commission       03/07/2016       04/05/2016       04/15/2016         US       NPL       NPL       National Priority List       EPA       03/07/2016       04/05/2016       04/05/2016       04/15/2016         US       NPL LIENS       Federal Superfund Liens       EPA       10/15/1991       02/02/1994       03/30/1994         US       ODI       Open Dump Inventory       Environmental Protection Agency       06/30/1985       08/09/2004       09/17/2004         US       PADS       PCB Activity Database System       EPA       07/01/2014       10/15/2014       11/17/2014         US       PCB TRANSFORMER       PCB Transformer Registration Database       Environmental Protection Agency       02/01/2011       10/19/2011       01/10/2012         US       PRP       Potentially Responsible Parties       EPA       10/25/2013       10/17/2014       10/20/2014	US	LEAD SMELTER 1		Environmental Protection Agency	11/25/2014		01/29/2015
US         LUCIS         Land Use Control Information System         Department of the Navy         05/28/2015         05/29/2015         06/11/2015           US         MLTS         Material Licensing Tracking System         Nuclear Regulatory Commission         03/07/2016         03/18/2016         04/15/2016           US         NPL         National Priority List         EPA         03/07/2016         04/05/2016         04/15/2016           US         NPL LIENS         Federal Superfund Liens         EPA         10/15/1991         02/02/1994         03/30/1994           US         ODI         Open Dump Inventory         Environmental Protection Agency         06/30/1985         08/09/2004         09/17/2004           US         PADS         PCB Activity Database System         EPA         07/01/2014         10/15/2014         11/17/2014           US         PCB TRANSFORMER         PCB Transformer Registration Database         Environmental Protection Agency         02/01/2011         10/19/2011         01/10/2012           US         PRP         Potentially Responsible Parties         EPA         10/25/2013         10/17/2014         10/20/2014	US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US         MLTS         Material Licensing Tracking System         Nuclear Regulatory Commission         03/07/2016         03/18/2016         04/15/2016           US         NPL         National Priority List         EPA         03/07/2016         04/05/2016         04/15/2016           US         NPL LIENS         Federal Superfund Liens         EPA         10/15/1991         02/02/1994         03/30/1994           US         ODI         Open Dump Inventory         Environmental Protection Agency         06/30/1985         08/09/2004         09/17/2004           US         PADS         PCB Activity Database System         EPA         07/01/2014         10/15/2014         11/17/2014           US         PCB TRANSFORMER         PCB Transformer Registration Database         Environmental Protection Agency         02/01/2011         10/19/2011         01/10/2012           US         PRP         Potentially Responsible Parties         EPA         10/25/2013         10/17/2014         10/20/2014	US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	02/18/2014	03/18/2014	04/24/2014
US         NPL         National Priority List         EPA         03/07/2016         04/05/2016         04/15/2016           US         NPL LIENS         Federal Superfund Liens         EPA         10/15/1991         02/02/1994         03/30/1994           US         ODI         Open Dump Inventory         Environmental Protection Agency         06/30/1985         08/09/2004         09/17/2004           US         PADS         PCB Activity Database System         EPA         07/01/2014         10/15/2014         11/17/2014           US         PCB TRANSFORMER         PCB Transformer Registration Database         Environmental Protection Agency         02/01/2011         10/19/2011         01/10/2012           US         PRP         Potentially Responsible Parties         EPA         10/25/2013         10/17/2014         10/20/2014	US	LUCIS	Land Use Control Information System	Department of the Navy	05/28/2015	05/29/2015	06/11/2015
US         NPL         National Priority List         EPA         03/07/2016         04/05/2016         04/15/2016           US         NPL LIENS         Federal Superfund Liens         EPA         10/15/1991         02/02/1994         03/30/1994           US         ODI         Open Dump Inventory         Environmental Protection Agency         06/30/1985         08/09/2004         09/17/2004           US         PADS         PCB Activity Database System         EPA         07/01/2014         10/15/2014         11/17/2014           US         PCB TRANSFORMER         PCB Transformer Registration Database         Environmental Protection Agency         02/01/2011         10/19/2011         01/10/2012           US         PRP         Potentially Responsible Parties         EPA         10/25/2013         10/17/2014         10/20/2014	US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	03/07/2016	03/18/2016	04/15/2016
US         ODI         Open Dump Inventory         Environmental Protection Agency         06/30/1985         08/09/2004         09/17/2004           US         PADS         PCB Activity Database System         EPA         07/01/2014         10/15/2014         11/17/2014           US         PCB TRANSFORMER         PCB Transformer Registration Database         Environmental Protection Agency         02/01/2011         10/19/2011         01/10/2012           US         PRP         Potentially Responsible Parties         EPA         10/25/2013         10/17/2014         10/20/2014	US	NPL	National Priority List		03/07/2016	04/05/2016	04/15/2016
US         PADS         PCB Activity Database System         EPA         07/01/2014         10/15/2014         11/17/2014           US         PCB TRANSFORMER         PCB Transformer Registration Database         Environmental Protection Agency         02/01/2011         10/19/2011         01/10/2012           US         PRP         Potentially Responsible Parties         EPA         10/25/2013         10/17/2014         10/20/2014	US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US         PCB TRANSFORMER         PCB Transformer Registration Database         Environmental Protection Agency         02/01/2011         10/19/2011         01/10/2012           US         PRP         Potentially Responsible Parties         EPA         10/25/2013         10/17/2014         10/20/2014	US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US PRP Potentially Responsible Parties EPA 10/25/2013 10/17/2014 10/20/2014	US	PADS	PCB Activity Database System	EPA	07/01/2014	10/15/2014	11/17/2014
US PRP Potentially Responsible Parties EPA 10/25/2013 10/17/2014 10/20/2014	US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	02/01/2011	10/19/2011	01/10/2012
US Proposed NPL Proposed National Priority List Sites EPA 03/07/2016 04/05/2016 04/15/2016	US	PRP	Potentially Responsible Parties		10/25/2013	10/17/2014	10/20/2014
	US	Proposed NPL	Proposed National Priority List Sites	EPA	03/07/2016	04/05/2016	04/15/2016
US RAATS RCRA Administrative Action Tracking System EPA 04/17/1995 07/03/1995 08/07/1995	US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US RADINFO Radiation Information Database Environmental Protection Agency 07/07/2015 07/09/2015 09/16/2015	US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/07/2015	07/09/2015	09/16/2015
	US	RCRA NonGen / NLR		Environmental Protection Agency	12/09/2015		04/05/2016
	US	RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency	12/09/2015	03/02/2016	04/05/2016
US RCRA-LQG RCRA - Large Quantity Generators Environmental Protection Agency 12/09/2015 03/02/2016 04/05/2016	US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	12/09/2015		04/05/2016
US RCRA-SQG RCRA - Small Quantity Generators Environmental Protection Agency 12/09/2015 03/02/2016 04/05/2016	US	RCRA-SQG	RCRA - Small Quantity Generators		12/09/2015	03/02/2016	04/05/2016
US RCRA-TSDF RCRA - Treatment, Storage and Disposal Environmental Protection Agency 12/09/2015 03/02/2016 04/05/2016	US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	12/09/2015	03/02/2016	04/05/2016
US RMP Risk Management Plans Environmental Protection Agency 08/01/2015 08/26/2015 11/03/2015	US	RMP	Risk Management Plans	Environmental Protection Agency	08/01/2015	08/26/2015	11/03/2015
US ROD Records Of Decision EPA 11/25/2013 12/12/2013 02/24/2014	US	ROD	Records Of Decision	EPA	11/25/2013	12/12/2013	02/24/2014

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	<b>Active Date</b>
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	03/07/2011	03/09/2011	05/02/2011
US	SEMS	Superfund Enterprise Management System	EPA	03/07/2016	04/05/2016	04/15/2016
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	03/07/2016	04/05/2016	04/15/2016
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2014	11/24/2015	04/05/2016
US	TSCA	Toxic Substances Control Act	EPA	12/31/2012	01/15/2015	01/29/2015
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	09/14/2010	10/07/2011	03/01/2012
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/20/2015	10/27/2015	01/04/2016
US	US AIRS MINOR	Air Facility System Data	EPA	10/20/2015	10/27/2015	01/04/2016
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	03/21/2016	03/22/2016	07/13/2016
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	05/04/2016	06/03/2016	07/13/2016
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	09/10/2015	09/11/2015	11/03/2015
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	09/01/2015	09/03/2015	11/03/2015
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	05/04/2016	06/03/2016	07/13/2016
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	09/10/2015	09/11/2015	11/03/2015
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	02/09/2016	03/02/2016	04/15/2016
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	12/05/2005	02/29/2008	04/18/2008
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	UXO	Unexploded Ordnance Sites	Department of Defense	10/25/2015	01/29/2016	04/05/2016
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	05/01/2016	05/06/2016	06/17/2016

#### Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

### Electric Power Transmission Line Data

Source: PennWell Corporation

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US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics
ID	Daycare Centers	Sensitive Receptor: Day Care List	Department of Health and Welfare

St_	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
ID	State Wetlands	Wetlands Inventory	Department of Water Resources			
US	Topographic Map		U.S. Geological Survey			

#### STREET AND ADDRESS INFORMATION

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### GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

#### **TARGET PROPERTY ADDRESS**

BOISE CITY ADA COUNTY HOUSING AUTHORITY 3113 W. MOORE STREET BOISE, ID 83702

#### TARGET PROPERTY COORDINATES

Latitude (North): 43.630621 - 43° 37' 50.24" Longitude (West): 116.229787 - 116° 13' 47.23"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 562134.8 UTM Y (Meters): 4830920.5

Elevation: 2670 ft. above sea level

#### **USGS TOPOGRAPHIC MAP**

Target Property Map: 5980561 BOISE NORTH, ID

Version Date: 2013

Southeast Map: 5980563 BOISE SOUTH, ID

Version Date: 2013

Southwest Map: 5980565 CLOVERDALE, ID

Version Date: 2013

Northwest Map: 5980567 EAGLE, ID

Version Date: 2013

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

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

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

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

### **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **GROUNDWATER FLOW DIRECTION INFORMATION**

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

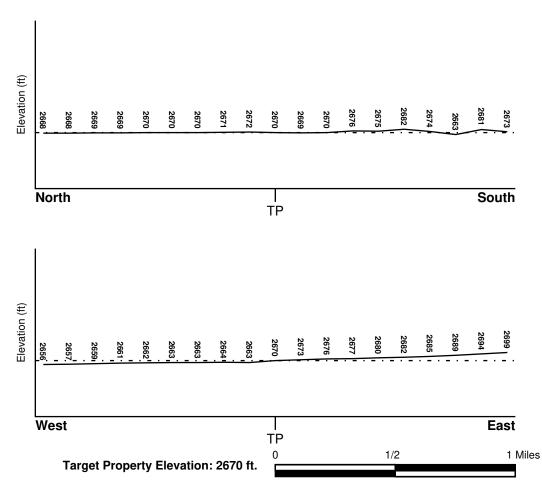
### **TOPOGRAPHIC INFORMATION**

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

#### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

#### **SURROUNDING TOPOGRAPHY: ELEVATION PROFILES**



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

### **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

#### **HYDROLOGIC INFORMATION**

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

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

**FEMA FLOOD ZONE** 

FEMA Flood Electronic Data

Target Property County
ADA, ID

YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

16001C - FEMA DFIRM Flood data

Additional Panels in search area:

Not Reported

NATIONAL WETLAND INVENTORY

NWI Electronic

NWI Quad at Target Property

Data Coverage

**BOISE NORTH** 

YES - refer to the Overview Map and Detail Map

### **HYDROGEOLOGIC INFORMATION**

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

### **AQUIFLOW®**

Search Radius: 1.000 Mile.

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

MAP ID Not Reported LOCATION FROM TP

GENERAL DIRECTION GROUNDWATER FLOW

### **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **GROUNDWATER FLOW VELOCITY INFORMATION**

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

### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

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

#### **ROCK STRATIGRAPHIC UNIT**

### **GEOLOGIC AGE IDENTIFICATION**

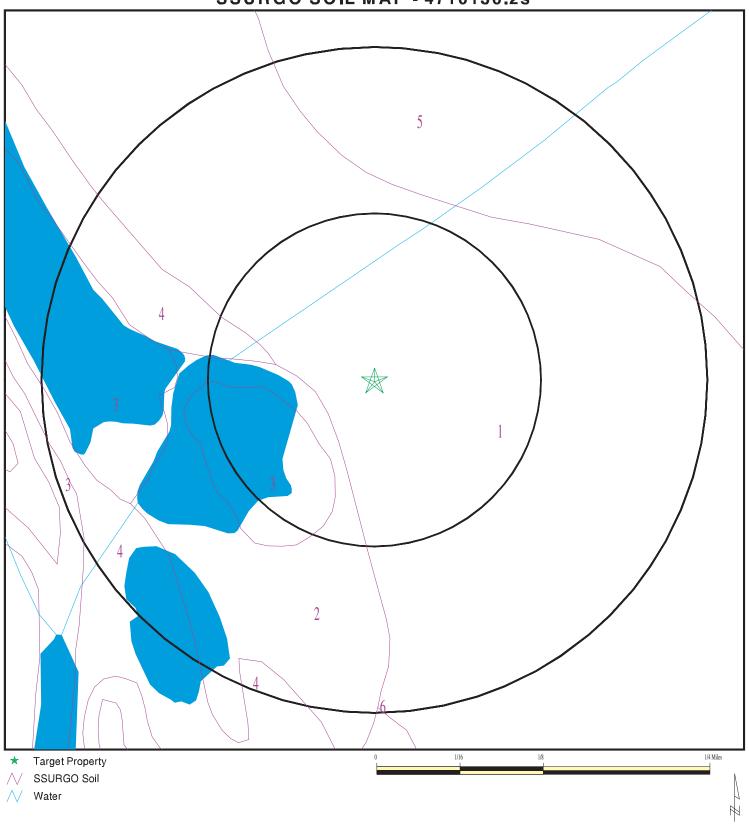
Era: Cenozoic Category: Continental Deposits

System: Tertiary Series: Pliocene

Code: Tpc (decoded above as Era, System & Series)

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

#### SSURGO SOIL MAP - 4710136.2s



SITE NAME: Boise City Ada County Housing Authority ADDRESS: 3113 W. Moore Street Boise ID 83702

LAT/LONG: 43.630621 / 116.229787 CLIENT: Strata Environme CONTACT: Andrew Provant Strata Environmental INQUIRY#: 4710136.2s

DATE: August 25, 2016 11:39 am

#### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Falk

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

	Soil Layer Information						
	Boundary			Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	7 inches	fine sandy loam	Not reported	Not reported	Max: 42.34 Min: 14.11	Max: 7.3 Min: 6.1
2	7 inches	25 inches	fine sandy loam	Not reported	Not reported	Max: 42.34 Min: 14.11	Max: 7.3 Min: 6.1
3	25 inches	59 inches	very gravelly sand	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 7.3 Min: 6.6

Soil Map ID: 2

Soil Component Name: Pits

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 3

Soil Component Name: Water

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 4

Soil Component Name: Notus

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 122 inches

Soil Layer Information							
Boundary				Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	11 inches	sandy loam	Not reported	Not reported	Max: 42.34 Min: 14.11	Max: 8.4 Min: 6.1
2	11 inches	59 inches	stratified very gravelly sand to gravelly loamy sand	Not reported	Not reported	Max: 141.14 Min: 141.14	Max: 8.4 Min: 6.1

Soil Map ID: 5

Soil Surface Texture:

Soil Component Name: Drax

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

loam

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 92 inches

	Soil Layer Information						
	Boundary Classification					Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity	Soil Reaction (pH)
1	0 inches	7 inches	loam	Not reported	Not reported	Max: 14.11 Min: 4	Max: 8.4 Min: 6.6
2	7 inches	59 inches	stratified sandy loam to silty clay loam	Not reported	Not reported	Max: 14.11 Min: 4	Max: 8.4 Min: 7.4

Soil Map ID: 6

Soil Component Name: Urban land

Soil Surface Texture: loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high

water table, or are shallow to an impervious layer.

Soil Drainage Class:

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

#### **LOCAL / REGIONAL WATER AGENCY RECORDS**

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

#### WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 0.001 miles

State Database 1.000

#### FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
	USGS40000286067	1/8 - 1/4 Mile South
C6	USGS40000286291	1/4 - 1/2 Mile North
A7	USGS40000286046	1/4 - 1/2 Mile South
C8	USGS40000286315	1/4 - 1/2 Mile North
D10	USGS40000286314	1/4 - 1/2 Mile NNE
C22	USGS40000286330	1/4 - 1/2 Mile North
F24	USGS40000286313	1/4 - 1/2 Mile NNE
27	USGS40000286080	1/4 - 1/2 Mile ESE
E28	USGS40000286204	1/4 - 1/2 Mile ENE
G35	USGS40000286352	1/4 - 1/2 Mile NNW
52	USGS40000285991	1/4 - 1/2 Mile SSE
53	USGS40000286053	1/4 - 1/2 Mile SW
62	USGS40000286395	1/4 - 1/2 Mile North
L72	USGS40000286343	1/4 - 1/2 Mile NW
N80	USGS40000286073	1/4 - 1/2 Mile WSW
L84	USGS40000286344	1/4 - 1/2 Mile NW
L85	USGS40000286345	1/4 - 1/2 Mile NW
P89	USGS40000272314	1/4 - 1/2 Mile SW
R90	USGS40000286017	1/4 - 1/2 Mile SW
S95	USGS40000286402	1/2 - 1 Mile NNW
R96	USGS40000286018	1/2 - 1 Mile SW

# **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE SUMMARY**

#### FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
100	USGS40000286360	1/2 - 1 Mile NE
U102	USGS40000286155	1/2 - 1 Mile East
103	USGS40000272321	1/2 - 1 Mile West
V105	USGS40000272321	1/2 - 1 Mile NNW
W106	USGS40000286180	1/2 - 1 Mile West
X107	USGS40000285928	1/2 - 1 Mile SSE
Z111	USGS40000286428	1/2 - 1 Mile NNE
113	USGS40000272316	1/2 - 1 Mile WSW
AA114	USGS40000286174	1/2 - 1 Mile East
X115	USGS40000272288	1/2 - 1 Mile SSE
AB117	USGS40000286136	1/2 - 1 Mile East
X121	USGS40000272287	1/2 - 1 Mile SSE
AD122	USGS40000286419	1/2 - 1 Mile NE
AA125	USGS40000286154	1/2 - 1 Mile East
128	USGS40000286214	1/2 - 1 Mile WNW
132	USGS40000272301	1/2 - 1 Mile SW
Z134	USGS40000272301	1/2 - 1 Mile NNE
135	USGS40000272318	1/2 - 1 Mile WSW
136	USGS40000272316 USGS40000286045	1/2 - 1 Mile ESE
137	USGS40000286043	1/2 - 1 Mile L3L
		1/2 - 1 Mile VVest
138	USGS40000286407	.,
AF140	USGS40000286477	1/2 - 1 Mile NNE
AG142	USGS40000285855	1/2 - 1 Mile SSE
AH143	USGS40000285892	1/2 - 1 Mile SSW
AI144	USGS40000286478	1/2 - 1 Mile NNW
AJ146	USGS40000286117	1/2 - 1 Mile West
AJ147	USGS40000286118	1/2 - 1 Mile West
AL151	USGS40000272317	1/2 - 1 Mile WSW
152	USGS40000285942	1/2 - 1 Mile SW
Al155	USGS40000286479	1/2 - 1 Mile NNW
AM157	USGS40000286292	1/2 - 1 Mile WNW
AL158	USGS40000286047	1/2 - 1 Mile WSW
AO162	USGS40000285856	1/2 - 1 Mile SSW
AP163	USGS40000286084	1/2 - 1 Mile WSW
AR168	USGS40000286203	1/2 - 1 Mile ENE
AT171	USGS40000272305	1/2 - 1 Mile WSW
AT172	USGS40000272306	1/2 - 1 Mile WSW
AM174	USGS40000272326	1/2 - 1 Mile WNW
AJ175	USGS40000286105	1/2 - 1 Mile West
AH176	USGS40000285867	1/2 - 1 Mile SSW
Al179	USGS40000286499	1/2 - 1 Mile NNW
AU180	USGS40000285927	1/2 - 1 Mile SE
AU181	USGS40000285926	1/2 - 1 Mile SE
AV182	USGS40000286270	1/2 - 1 Mile SE
AV183	USGS40000286271	1/2 - 1 Mile ENE
186	USGS40000286490	1/2 - 1 Mile NNW
AW189	USGS40000285982	1/2 - 1 Mile NAW
AS192	USGS40000286394	1/2 - 1 Mile ENE
AX193	USGS40000272261	1/2 - 1 Mile South
202	USGS40000272315	1/2 - 1 Mile WSW
206	USGS40000286500	1/2 - 1 Mile NW
AZ207	USGS40000286581	1/2 - 1 Mile North

# **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE SUMMARY**

#### FEDERAL USGS WELL INFORMATION

		LOCATION
MAP ID	WELL ID	FROM TP
BA208	USGS40000285834	1/2 - 1 Mile SSE
BB210	USGS40000285848	1/2 - 1 Mile SW
AX211	USGS40000285730	1/2 - 1 Mile South
218	USGS40000286150	1/2 - 1 Mile East
BD225	USGS40000286418	1/2 - 1 Mile NE
BE226	USGS40000272277	1/2 - 1 Mile SE
BE227	USGS40000272276	1/2 - 1 Mile SE
BE228 BF229	USGS40000272278 USGS40000286604	1/2 - 1 Mile SE 1/2 - 1 Mile North
237	USGS40000286560	1/2 - 1 Mile NOIth
BH238	USGS40000286374	1/2 - 1 Mile WNW
BF250	USGS40000286611	1/2 - 1 Mile North
BF251	USGS40000286610	1/2 - 1 Mile North
253	USGS40000286059	1/2 - 1 Mile ESE
BE254	USGS40000272274	1/2 - 1 Mile SE
BI255	USGS40000272260	1/2 - 1 Mile SSE
BJ256	USGS40000286338 USGS40000286228	1/2 - 1 Mile WNW 1/2 - 1 Mile ENE
BK258 BL259	USGS40000286228 USGS40000286590	1/2 - 1 Mile ENE
BI260	USGS40000285729	1/2 - 1 Mile SSE
262	USGS40000272320	1/2 - 1 Mile West
BI267	USGS40000285721	1/2 - 1 Mile SSE
BG268	USGS40000286603	1/2 - 1 Mile NNE
BN269	USGS40000286016	1/2 - 1 Mile ESE
BM287	USGS40000286605	1/2 - 1 Mile NNW
BP288	USGS40000272323	1/2 - 1 Mile West
BI292 BI293	USGS40000272257 USGS40000272258	1/2 - 1 Mile SSE 1/2 - 1 Mile SSE
BI294	USGS40000272259	1/2 - 1 Mile SSE
BI296	USGS40000272256	1/2 - 1 Mile SSE
297	USGS40000285744	1/2 - 1 Mile SSW
BI298	USGS40000272255	1/2 - 1 Mile SSE
BQ300	USGS40000286452	1/2 - 1 Mile NW
BI301	USGS40000272254	1/2 - 1 Mile SSE
BI302	USGS40000272253	1/2 - 1 Mile SSE
BI303 BI304	USGS40000272252 USGS40000272251	1/2 - 1 Mile SSE 1/2 - 1 Mile SSE
BK305	USGS40000272231 USGS40000286254	1/2 - 1 Mile 53L
BR306	USGS40000286631	1/2 - 1 Mile North
BI307	USGS40000272248	1/2 - 1 Mile SSE
BR308	USGS40000286630	1/2 - 1 Mile North
BI309	USGS40000272250	1/2 - 1 Mile SSE
BR311	USGS40000286629	1/2 - 1 Mile North
BS313	USGS40000286580	1/2 - 1 Mile NNE
BL314 BP319	USGS40000286615 USGS40000286151	1/2 - 1 Mile NNE 1/2 - 1 Mile West
BO322	USGS40000286131	1/2 - 1 Mile West
BV327	USGS40000285684	1/2 - 1 Mile SSE
BW328	USGS40000272324	1/2 - 1 Mile West
329	USGS40000286383	1/2 - 1 Mile ENE
BR333	USGS40000286646	1/2 - 1 Mile North
BW343	USGS40000272325	1/2 - 1 Mile West

LOCATION

#### FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
344	USGS40000286144	1/2 - 1 Mile West
BS355 358	USGS40000286609 USGS40000286628	1/2 - 1 Mile NNE 1/2 - 1 Mile NNE

#### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID FROM TP

No PWS System Found

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

MAP ID	WELL ID	FROM TP
	ID8000000134942	1/8 - 1/4 Mile South
B3	ID800000038801	1/8 - 1/4 Mile ENE
B4	ID800000038802	1/8 - 1/4 Mile ENE
5	ID800000039901	1/8 - 1/4 Mile SE
D9	ID800000131208	1/4 - 1/2 Mile NNE
D11	ID800000130597	1/4 - 1/2 Mile NNE
D12	ID800000130595	1/4 - 1/2 Mile NNE
D13	ID800000130594	1/4 - 1/2 Mile NNE
D14	ID800000130598	1/4 - 1/2 Mile NNE
D15	ID800000134795	1/4 - 1/2 Mile NNE
D16	ID800000130601	1/4 - 1/2 Mile NNE
D17	ID800000130599	1/4 - 1/2 Mile NNE
E18	ID800000031001	1/4 - 1/2 Mile ENE
E19	ID800000031000	1/4 - 1/2 Mile ENE
E20	ID800000031804	1/4 - 1/2 Mile ENE
E21	ID800000031803	1/4 - 1/2 Mile ENE
C23	ID800000132806	1/4 - 1/2 Mile North
F25	ID800000130531	1/4 - 1/2 Mile NNE
26	ID800000038824	1/4 - 1/2 Mile NW
G29	ID800000107538	1/4 - 1/2 Mile North
G30	ID800000130530	1/4 - 1/2 Mile North
H31	ID800000028156	1/4 - 1/2 Mile WSW
H32	ID8000000101412	1/4 - 1/2 Mile WSW
H33	ID8000000101414	1/4 - 1/2 Mile WSW
G34	ID8000000111773	1/4 - 1/2 Mile NNW
136	ID800000029690	1/4 - 1/2 Mile NNE
137	ID800000029689	1/4 - 1/2 Mile NNE
138	ID800000029692	1/4 - 1/2 Mile NNE
139	ID800000029691	1/4 - 1/2 Mile NNE
140	ID800000028904	1/4 - 1/2 Mile NNE
141	ID800000028903	1/4 - 1/2 Mile NNE
142	ID800000028906	1/4 - 1/2 Mile NNE
143	ID8000000028905	1/4 - 1/2 Mile NNE
144	ID800000029771	1/4 - 1/2 Mile NNE

# **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE SUMMARY**

		LOCATION
MAP ID	WELL ID	FROM TP
		_
145 146	ID8000000029770	1/4 - 1/2 Mile NNE 1/4 - 1/2 Mile NNE
140	ID8000000073985 ID800000072196	1/4 - 1/2 Mile NNE
147 148	ID8000000072196 ID8000000029706	1/4 - 1/2 Mile NNE
146 149	ID8000000029706 ID8000000029693	1/4 - 1/2 Mile NNE
150	ID8000000029093	1/4 - 1/2 Mile NNE
I51	ID8000000029768	1/4 - 1/2 Mile NNE
J54	ID8000000136115	1/4 - 1/2 Mile NNE
J55	ID8000000136116	1/4 - 1/2 Mile NNE
J56	ID800000136113	1/4 - 1/2 Mile NNE
J57	ID8000000136114	1/4 - 1/2 Mile NNE
J58	ID800000136119	1/4 - 1/2 Mile NNE
J59	ID800000136120	1/4 - 1/2 Mile NNE
J60	ID800000136117	1/4 - 1/2 Mile NNE
J61	ID8000000136118	1/4 - 1/2 Mile NNE
K63	ID800000033061	1/4 - 1/2 Mile South
K64	ID800000033062	1/4 - 1/2 Mile South
K65	ID8000000031564	1/4 - 1/2 Mile South
K66	ID8000000033060	1/4 - 1/2 Mile South
K67	ID8000000033063	1/4 - 1/2 Mile South
K68	ID8000000034112	1/4 - 1/2 Mile South
K69 K70	ID8000000035395 ID800000034110	1/4 - 1/2 Mile South 1/4 - 1/2 Mile South
K70 K71	ID8000000034110	1/4 - 1/2 Mile South
M73	ID800000034111 ID8000000038557	1/4 - 1/2 Mile South
M74	ID8000000038337	1/4 - 1/2 Mile East
M75	ID8000000033674	1/4 - 1/2 Mile East
M76	ID8000000152924	1/4 - 1/2 Mile East
M77	ID8000000136421	1/4 - 1/2 Mile East
M78	ID800000074358	1/4 - 1/2 Mile East
N79	ID800000038915	1/4 - 1/2 Mile WSW
O81	ID800000095365	1/4 - 1/2 Mile SSE
O82	ID800000158546	1/4 - 1/2 Mile SSE
O83	ID8000000158561	1/4 - 1/2 Mile SSE
P86	ID800000166699	1/4 - 1/2 Mile SW
Q87	ID800000101404	1/4 - 1/2 Mile ESE
Q88	ID800000101407	1/4 - 1/2 Mile ESE
R91	ID8000000095367	1/4 - 1/2 Mile SW
L92	ID8000000118059	1/4 - 1/2 Mile NW
S93	ID8000000160637	1/2 - 1 Mile NNW
S94	ID8000000125576	1/2 - 1 Mile NNW
T97	ID8000000113062	1/2 - 1 Mile SW
T98 T99	ID8000000113067 ID8000000134946	1/2 - 1 Mile SW 1/2 - 1 Mile SW
U101	ID8000000134946 ID8000000101408	1/2 - 1 Mile Svv 1/2 - 1 Mile East
V104	ID8000000101408	1/2 - 1 Mile Last
Y104 Y108	ID8000000100302	1/2 - 1 Mile NE
Y109	ID8000000144635	1/2 - 1 Mile NE
Z110	ID8000000130532	1/2 - 1 Mile NNE
W112	ID8000000136884	1/2 - 1 Mile West
AB116	ID8000000103807	1/2 - 1 Mile East
AC118	ID800000039052	1/2 - 1 Mile North

		LOCATION
MAP ID	WELL ID	FROM TP
		_
AC119	ID800000110005	1/2 - 1 Mile North
AC120	ID8000000110005	1/2 - 1 Mile North
AD123	ID8000000097393	1/2 - 1 Mile NE 1/2 - 1 Mile East
AA124	ID800000158547	
126	ID800000101402	1/2 - 1 Mile South
127 AE129	ID8000000165253	1/2 - 1 Mile NNE 1/2 - 1 Mile SE
AE129 AE130	ID800000033489 ID8000000122032	1/2 - 1 Mile SE 1/2 - 1 Mile SE
AE130 AE131	ID8000000122032	1/2 - 1 Mile SE 1/2 - 1 Mile SE
Z133	ID8000000122702 ID8000000095287	1/2 - 1 Mile SE 1/2 - 1 Mile NNE
AF139	ID800000095287	1/2 - 1 Mile NNE
AG141	ID800000093286	1/2 - 1 Mile SSE
AI145	ID8000000101401	1/2 - 1 Mile SSL 1/2 - 1 Mile NNW
AK148	ID800000034618	1/2 - 1 Mile Riviv
AK149	ID8000000114790	1/2 - 1 Mile East
AK150	ID8000000154733	1/2 - 1 Mile East
AM153	ID8000000141628	1/2 - 1 Mile WNW
AM154	ID8000000095276	1/2 - 1 Mile WNW
Al156	ID8000000106948	1/2 - 1 Mile NNW
AN159	ID8000000101406	1/2 - 1 Mile ESE
AN160	ID8000000117327	1/2 - 1 Mile ESE
AN161	ID8000000144652	1/2 - 1 Mile ESE
AQ164	ID8000000031181	1/2 - 1 Mile NE
AQ165	ID800000033082	1/2 - 1 Mile NE
AQ166	ID800000095282	1/2 - 1 Mile NE
167	ID800000166238	1/2 - 1 Mile North
AR169	ID800000103508	1/2 - 1 Mile ENE
AS170	ID800000126209	1/2 - 1 Mile ENE
AO173	ID800000133387	1/2 - 1 Mile SSW
AL177	ID800000104028	1/2 - 1 Mile WSW
AI178	ID800000134438	1/2 - 1 Mile NNW
AV184	ID8000000111476	1/2 - 1 Mile ENE
AV185	ID8000000124556	1/2 - 1 Mile ENE
AP187	ID8000000153031	1/2 - 1 Mile West
AW188	ID8000000154732	1/2 - 1 Mile ESE
190	ID8000000089251	1/2 - 1 Mile NNE
AS191	ID8000000130529	1/2 - 1 Mile ENE
AY194	ID8000000030791	1/2 - 1 Mile NW
AY195	ID800000038360	1/2 - 1 Mile NW
AY196	ID8000000029065	1/2 - 1 Mile NW
AY197	ID8000000029066	1/2 - 1 Mile NW
AY198	ID8000000130537	1/2 - 1 Mile NW
AY199	ID8000000136814	1/2 - 1 Mile NW
AY200	ID8000000038796	1/2 - 1 Mile NW
AY201	ID8000000130536	1/2 - 1 Mile NW
203	ID8000000037858	1/2 - 1 Mile SSW
AW204	ID800000122668	1/2 - 1 Mile ESE
AW205 BB209	ID8000000124429 ID8000000136664	1/2 - 1 Mile ESE 1/2 - 1 Mile SW
212	ID8000000136664 ID8000000154579	1/2 - 1 Mile SW 1/2 - 1 Mile NNW
BC213	ID8000000154579	1/2 - 1 Mile NNW
BC213 BC214	ID8000000124337 ID8000000072929	1/2 - 1 Mile WSW
DOLIT	15000000072020	1/2 I WIIIG VVOVV

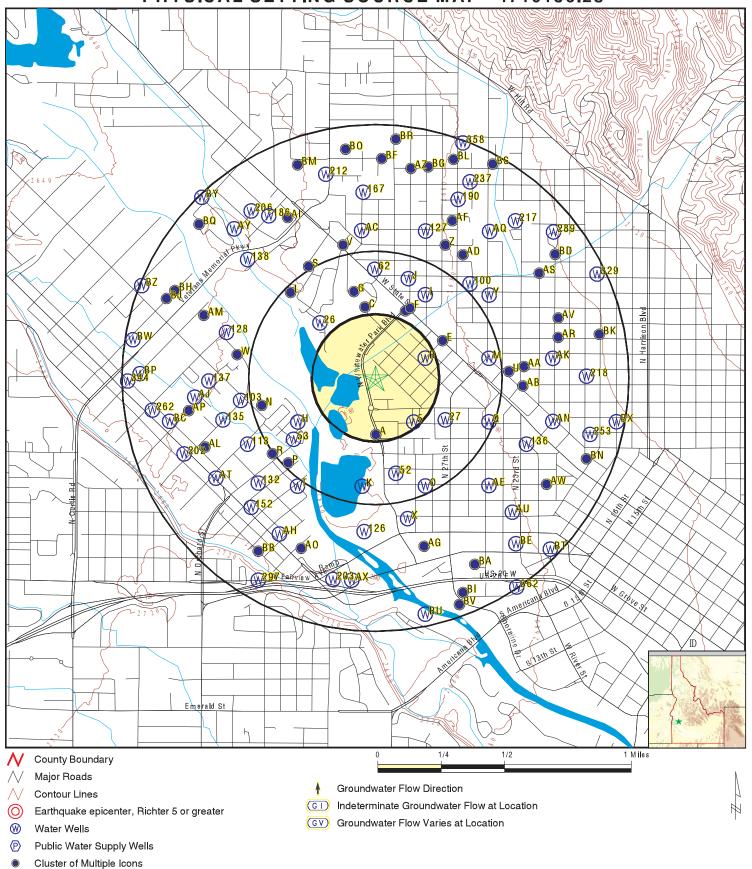
# **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE SUMMARY**

		LOCATION
MAP ID	WELL ID	FROM TP
BC215	ID8000000158551	1/2 - 1 Mile WSW
BC216	ID8000000134941	1/2 - 1 Mile WSW
217	ID8000000111239	1/2 - 1 Mile NE
BA219	ID800000035051	1/2 - 1 Mile SSE
BA220	ID800000033072	1/2 - 1 Mile SSE
BA221	ID800000036804	1/2 - 1 Mile SSE
BA222	ID800000074802	1/2 - 1 Mile SSE
BA223	ID800000036805	1/2 - 1 Mile SSE
BD224	ID800000098838	1/2 - 1 Mile NE
BG230	ID800000124274	1/2 - 1 Mile NNE
BG231	ID800000119084	1/2 - 1 Mile NNE
BG232	ID800000073822	1/2 - 1 Mile NNE
BG233	ID800000148975	1/2 - 1 Mile NNE
BG234	ID800000130533	1/2 - 1 Mile NNE
BG235	ID800000130528	1/2 - 1 Mile NNE
AZ236	ID800000073538	1/2 - 1 Mile North
BH239	ID800000034139	1/2 - 1 Mile WNW
BH240	ID800000034181	1/2 - 1 Mile WNW
BH241	ID8000000034138	1/2 - 1 Mile WNW
BH242	ID8000000034126	1/2 - 1 Mile WNW
BH243	ID8000000034127	1/2 - 1 Mile WNW
BH244	ID8000000034185	1/2 - 1 Mile WNW
BH245	ID8000000034259	1/2 - 1 Mile WNW
BH246	ID800000034184	1/2 - 1 Mile WNW
BH247	ID800000034182	1/2 - 1 Mile WNW
BH248	ID800000034183	1/2 - 1 Mile WNW
BF249	ID800000120103	1/2 - 1 Mile North
BF252	ID800000120106	1/2 - 1 Mile North
BJ257	ID800000106944	1/2 - 1 Mile WNW
BI261	ID800000030407	1/2 - 1 Mile SSE
BM263	ID800000029239	1/2 - 1 Mile NNW
BM264	ID800000095275	1/2 - 1 Mile NNW
BM265	ID8000000095278	1/2 - 1 Mile NNW
BD266	ID800000165942	1/2 - 1 Mile ENE
BN270	ID800000083227	1/2 - 1 Mile ESE
BK271	ID800000028148	1/2 - 1 Mile East
BK272	ID800000094252	1/2 - 1 Mile East
BL273	ID800000168384	1/2 - 1 Mile NNE
BO274	ID800000036971	1/2 - 1 Mile North
BO275	ID800000074363	1/2 - 1 Mile North
BO276	ID800000074365	1/2 - 1 Mile North
BO277	ID800000034359	1/2 - 1 Mile North
BO278	ID800000034372	1/2 - 1 Mile North
BO279	ID800000034389	1/2 - 1 Mile North
BO280	ID8000000112887	1/2 - 1 Mile North
BO281	ID8000000117358	1/2 - 1 Mile North
BO282	ID800000130527	1/2 - 1 Mile North
BO283	ID800000110612	1/2 - 1 Mile North
BO284	ID800000112885	1/2 - 1 Mile North
BO285	ID800000112886	1/2 - 1 Mile North
BM286	ID800000130535	1/2 - 1 Mile NNW
289	ID800000122567	1/2 - 1 Mile NE

# **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE SUMMARY**

MARIE	WELL ID	LOCATION
MAP ID	WELL ID	FROM TP
BI290	ĪD8000000037544	1/2 - 1 Mile SSE
BI291	ID800000037543	1/2 - 1 Mile SSE
BI295	ID800000030406	1/2 - 1 Mile SSE
BQ299	ID800000082184	1/2 - 1 Mile NW
BI310	ID800000037545	1/2 - 1 Mile SSE
BI312	ID800000037541	1/2 - 1 Mile SSE
BL315	ID800000078707	1/2 - 1 Mile NNE
BS316	ID800000037345	1/2 - 1 Mile NNE
BS317	ID800000095283	1/2 - 1 Mile NNE
BS318	ID800000095284	1/2 - 1 Mile NNE
BT320	ID800000164261	1/2 - 1 Mile SE
BT321	ID800000164262	1/2 - 1 Mile SE
BU323	ID800000037857	1/2 - 1 Mile SSE
BU324	ID800000080947	1/2 - 1 Mile SSE
BO325	ID800000146354	1/2 - 1 Mile North
BV326	ID800000095376	1/2 - 1 Mile SSE
BX330	ID800000028119	1/2 - 1 Mile East
BX331	ID800000107508	1/2 - 1 Mile East
BX332	ID8000000121452	1/2 - 1 Mile East
BR334	ID800000131861	1/2 - 1 Mile North
BT335	ID800000038432	1/2 - 1 Mile SE
BT336	ID800000038433	1/2 - 1 Mile SE
BT337	ID800000030489	1/2 - 1 Mile SE
BT338	ID800000038431	1/2 - 1 Mile SE
BT339	ID800000101403	1/2 - 1 Mile SE
BT340	ID8000000101410	1/2 - 1 Mile SE
BT341	ID800000038434	1/2 - 1 Mile SE
BT342	ID800000038435	1/2 - 1 Mile SE
BY345	ID8000000031986	1/2 - 1 Mile NW
BY346	ID800000031987	1/2 - 1 Mile NW
BY347	ID8000000029958	1/2 - 1 Mile NW
BY348	ID8000000029951	1/2 - 1 Mile NW
BY349	ID800000029957	1/2 - 1 Mile NW
BY350	ID800000106957	1/2 - 1 Mile NW
BY351	ID800000106965	1/2 - 1 Mile NW
BY352	ID800000106950	1/2 - 1 Mile NW
BY353	ID800000032353	1/2 - 1 Mile NW
BY354	ID8000000095281	1/2 - 1 Mile NW
BS356	ID8000000086645	1/2 - 1 Mile NNE
BS357	ID800000001115	1/2 - 1 Mile NNE
BZ359	ID8000000106942	1/2 - 1 Mile WNW
BZ360	ID8000000159616	1/2 - 1 Mile WNW
BZ361	ID800000159970	1/2 - 1 Mile WNW
362	ID8000000133104	1/2 - 1 Mile SE
		32

#### PHYSICAL SETTING SOURCE MAP - 4710136.2s



SITE NAME: Boise City Ada County Housing Authority ADDRESS: 3113 W. Moore Street

Boise ID 83702

LAT/LONG: 43.630621 / 116.229787 CLIENT: Strata Environme CONTACT: Andrew Provant Strata Environmental INQUIRY#: 4710136.2s

DATE: August 25, 2016 11:39 am

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Map ID Direction Distance Elevation	Database	EDR ID Number
A1 South Click here for full text details 1/8 - 1/4 Mile Higher	FED USGS	USGS40000286067
A2 South Click here for full text details 1/8 - 1/4 Mile Higher	ID WELLS	ID8000000134942
B3 ENE Click here for full text details 1/8 - 1/4 Mile Higher	ID WELLS	ID8000000038801
B4 ENE Click here for full text details 1/8 - 1/4 Mile Higher	ID WELLS	ID8000000038802
5 SE <u>Click here for full text details</u> 1/8 - 1/4 Mile Higher	ID WELLS	ID8000000039901
C6 North Click here for full text details 1/4 - 1/2 Mile Lower	FED USGS	USGS40000286291
A7 South Click here for full text details 1/4 - 1/2 Mile Higher	FED USGS	USGS40000286046
C8 North 1/4 - 1/2 Mile Lower	FED USGS	USGS40000286315
D9 NNE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000131208

Map ID Direction Distance Elevation	Database	EDR ID Number
D10 NNE 1/4 - 1/2 Mile Higher	FED USGS	USGS40000286314
D11 NNE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000130597
D12 NNE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000130595
D13 NNE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000130594
D14 NNE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000130598
D15 NNE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000134795
D16 NNE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000130601
D17 NNE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000130599
E18 ENE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID800000031001

Map ID Direction Distance Elevation	Database	EDR ID Number
E19 ENE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000031000
E20 ENE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000031804
E21 ENE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000031803
C22 North Click here for full text details 1/4 - 1/2 Mile Lower	FED USGS	USGS40000286330
C23 North Click here for full text details 1/4 - 1/2 Mile Lower	ID WELLS	ID8000000132806
F24 NNE <u>Click here for full text details</u> 1/4 - 1/2 Mile Higher	FED USGS	USGS40000286313
F25 NNE <u>Click here for full text details</u> 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000130531
26 NW Click here for full text details 1/4 - 1/2 Mile Lower	ID WELLS	ID8000000038824
27 ESE Click here for full text details 1/4 - 1/2 Mile Higher	FED USGS	USGS40000286080

Map ID Direction Distance Elevation	Database	EDR ID Number
E28 ENE Click here for full text details 1/4 - 1/2 Mile Higher	FED USGS	USGS40000286204
G29 North Click here for full text details 1/4 - 1/2 Mile Lower	ID WELLS	ID8000000107538
G30 North Click here for full text details 1/4 - 1/2 Mile Lower	ID WELLS	ID8000000130530
H31 WSW Click here for full text details 1/4 - 1/2 Mile Lower	ID WELLS	ID8000000028156
H32 WSW Click here for full text details 1/4 - 1/2 Mile Lower	ID WELLS	ID8000000101412
H33 WSW Click here for full text details 1/4 - 1/2 Mile Lower	ID WELLS	ID8000000101414
G34 NNW Click here for full text details 1/4 - 1/2 Mile Lower	ID WELLS	ID8000000111773
G35 NNW Click here for full text details 1/4 - 1/2 Mile Lower	FED USGS	USGS40000286352
I36 NNE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000029690

Map ID Direction Distance Elevation	Database	EDR ID Number
I37 NNE 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000029689
I38 NNE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000029692
I39 NNE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000029691
I40 NNE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000028904
I41 NNE <u>Click here for full text details</u> 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000028903
I42 NNE <u>Click here for full text details</u> 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000028906
I43 NNE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000028905
I44 NNE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000029771
I45 NNE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000029770

Map ID Direction Distance Elevation	Database	EDR ID Number
I46 NNE 1/4 - 1/2 Mile Higher	ID WELLS	ID800000073985
I47 NNE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000072196
I48 NNE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000029706
I49 NNE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000029693
I50 NNE <u>Click here for full text details</u> 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000029769
I51 NNE <u>Click here for full text details</u> 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000029768
52 SSE <u>Click here for full text details</u> 1/4 - 1/2 Mile Higher	FED USGS	USGS40000285991
53 SW <u>Click here for full text details</u> 1/4 - 1/2 Mile Lower	FED USGS	USGS40000286053
J54 NNE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000136115

Map ID Direction Distance Elevation	Database	EDR ID Number
J55 NNE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000136116
J56 NNE <u>Click here for full text details</u> 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000136113
J57 NNE <u>Click here for full text details</u> 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000136114
J58 NNE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000136119
J59 NNE <u>Click here for full text details</u> 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000136120
J60 NNE <u>Click here for full text details</u> 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000136117
J61 NNE 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000136118
62 North <u>Click here for full text details</u> 1/4 - 1/2 Mile Higher	FED USGS	USGS40000286395
K63 South Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID800000033061

Map ID Direction Distance Elevation	Database	EDR ID Number
K64 South Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID800000033062
K65 South Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID800000031564
K66 South Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID800000033060
K67 South Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID800000033063
K68 South Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID800000034112
K69 South <u>Click here for full text details</u> 1/4 - 1/2 Mile Higher	ID WELLS	ID800000035395
K70 South <u>Click here for full text details</u> 1/4 - 1/2 Mile Higher	ID WELLS	ID800000034110
K71 South <u>Click here for full text details</u> 1/4 - 1/2 Mile Higher	ID WELLS	ID800000034111
L72 NW Click here for full text details 1/4 - 1/2 Mile Lower	FED USGS	USGS40000286343

Map ID Direction Distance Elevation	Database	EDR ID Number
M73 East Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID800000038557
M74 East Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000033874
M75 East Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000028461
M76 East Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000152924
M77 East Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000136421
M78 East Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000074358
N79 WSW Click here for full text details 1/4 - 1/2 Mile Lower	ID WELLS	ID800000038915
N80 WSW Click here for full text details 1/4 - 1/2 Mile Lower	FED USGS	USGS40000286073
O81 SSE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID800000095365

Map ID Direction Distance Elevation	Database	EDR ID Number
O82 SSE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000158546
O83 SSE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000158561
L84 NW <u>Click here for full text details</u> 1/4 - 1/2 Mile Lower	FED USGS	USGS40000286344
L85 NW <u>Click here for full text details</u> 1/4 - 1/2 Mile Lower	FED USGS	USGS40000286345
P86 SW <u>Click here for full text details</u> 1/4 - 1/2 Mile Lower	ID WELLS	ID8000000166699
Q87 ESE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000101404
Q88 ESE Click here for full text details 1/4 - 1/2 Mile Higher	ID WELLS	ID8000000101407
P89 SW Click here for full text details 1/4 - 1/2 Mile Lower	FED USGS	USGS40000272314
R90 SW Click here for full text details 1/4 - 1/2 Mile Lower	FED USGS	USGS40000286017

Map ID Direction Distance Elevation		Database	EDR ID Number
R91 SW 1/4 - 1/2 Mile Lower	Click here for full text details	ID WELLS	ID8000000095367
L92 NW 1/4 - 1/2 Mile Lower	Click here for full text details	ID WELLS	ID8000000118059
S93 NNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000160637
S94 NNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000125576
S95 NNW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286402
R96 SW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286018
T97 SW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000113062
T98 SW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000113067
T99 SW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000134946

Map ID Direction Distance Elevation		Database	EDR ID Number
100 NE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286360
U101 East 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000101408
U102 East 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286155
103 West 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000272321
V104 NNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000106962
V105 NNW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286437
W106 West 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286180
X107 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000285928
Y108 NE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000144634

Map ID Direction Distance Elevation		Database	EDR ID Number
Y109 NE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000144635
Z110 NNE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000130532
Z111 NNE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286428
W112 West 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000136884
113 WSW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000272316
AA114 East 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286174
X115 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000272288
AB116 East 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000103807
AB117 East 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286136

Map ID Direction Distance Elevation		Database	EDR ID Number
AC118 North 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID800000039052
AC119 North 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000109959
AC120 North 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000110005
X121 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000272287
AD122 NE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286419
AD123 NE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000097393
AA124 East 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000158547
AA125 East 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286154
126 South 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000101402

Map ID Direction Distance Elevation		Database	EDR ID Number
127 NNE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000165253
128 WNW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286214
AE129 SE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000033489
AE130 SE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000122032
AE131 SE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000122702
132 SW 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000272301
Z133 NNE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000095287
Z134 NNE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286445
135 WSW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000272318

Map ID Direction Distance Elevation		Database	EDR ID Number
136 ESE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286045
137 West 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286143
138 NW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286407
AF139 NNE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000095286
AF140 NNE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286477
AG141 SSE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000101401
AG142 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000285855
AH143 SSW 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000285892
Al144 NNW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286478

Map ID Direction Distance Elevation		Database	EDR ID Number
Al145 NNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000106949
AJ146 West 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286117
AJ147 West 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286118
AK148 East 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000034618
AK149 East 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000114790
AK150 East 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000154733
AL151 WSW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000272317
152 SW 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000285942
AM153 WNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000141628

Map ID Direction Distance Elevation		Database	EDR ID Number
AM154 WNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000095276
Al155 NNW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286479
AI156 NNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000106948
AM157 WNW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286292
AL158 WSW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286047
AN159 ESE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000101406
AN160 ESE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000117327
AN161 ESE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000144652
AO162 SSW 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000285856

Map ID Direction Distance Elevation		Database	EDR ID Number
AP163 WSW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286084
AQ164 NE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000031181
AQ165 NE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000033082
AQ166 NE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000095282
167 North 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000166238
AR168 ENE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286203
AR169 ENE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000103508
AS170 ENE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000126209
AT171 WSW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000272305

Map ID Direction Distance Elevation		Database	EDR ID Number
AT172 WSW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000272306
AO173 SSW 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000133387
AM174 WNW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000272326
AJ175 West 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286105
AH176 SSW 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000285867
AL177 WSW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000104028
Al178 NNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000134438
Al179 NNW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286499
AU180 SE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000285927

Map ID Direction Distance Elevation		Database	EDR ID Number
AU181 SE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000285926
AV182 ENE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286270
AV183 ENE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286271
AV184 ENE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000111476
AV185 ENE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000124556
186 NNW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286490
AP187 West 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000153031
AW188 ESE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000154732
AW189 ESE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000285982

Map ID Direction Distance Elevation		Database	EDR ID Number
190 NNE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000089251
AS191 ENE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000130529
AS192 ENE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286394
AX193 South 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000272261
AY194 NW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000030791
AY195 NW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID800000038360
AY196 NW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000029065
AY197 NW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000029066
AY198 NW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000130537

Map ID Direction Distance Elevation		Database	EDR ID Number
AY199 NW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000136814
AY200 NW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000038796
AY201 NW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000130536
202 WSW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000272315
203 SSW 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000037858
AW204 ESE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000122668
AW205 ESE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000124429
206 NW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286500
AZ207 North 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286581

Map ID Direction Distance Elevation		Database	EDR ID Number
BA208 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000285834
BB209 SW 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000136664
BB210 SW 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000285848
AX211 South 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000285730
212 NNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000154579
BC213 WSW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000124557
BC214 WSW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000072929
BC215 WSW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000158551
BC216 WSW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000134941

Map ID Direction Distance Elevation		Database	EDR ID Number
217 NE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000111239
218 East 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286150
BA219 SSE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000035051
BA220 SSE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000033072
BA221 SSE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000036804
BA222 SSE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000074802
BA223 SSE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000036805
BD224 NE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000098838
BD225 NE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286418

Map ID Direction Distance Elevation		Database	EDR ID Number
BE226 SE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000272277
BE227 SE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000272276
BE228 SE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000272278
BF229 North 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286604
BG230 NNE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000124274
BG231 NNE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000119084
BG232 NNE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000073822
BG233 NNE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000148975
BG234 NNE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000130533

Map ID Direction Distance Elevation		Database	EDR ID Number
BG235 NNE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000130528
AZ236 North 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000073538
237 NNE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286560
BH238 WNW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286374
BH239 WNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000034139
BH240 WNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000034181
BH241 WNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000034138
BH242 WNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000034126
BH243 WNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000034127

Map ID Direction Distance Elevation		Database	EDR ID Number
BH244 WNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000034185
BH245 WNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000034259
BH246 WNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000034184
BH247 WNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000034182
BH248 WNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000034183
BF249 North 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000120103
BF250 North 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286611
BF251 North 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286610
BF252 North 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000120106

Map ID Direction Distance Elevation		Database	EDR ID Number
253 ESE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286059
BE254 SE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000272274
BI255 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000272260
BJ256 WNW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286338
BJ257 WNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000106944
BK258 ENE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286228
BL259 NNE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286590
BI260 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000285729
BI261 SSE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000030407

Map ID Direction Distance Elevation		Database	EDR ID Number
262 West 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000272320
BM263 NNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000029239
BM264 NNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000095275
BM265 NNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000095278
BD266 ENE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000165942
BI267 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000285721
BG268 NNE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286603
BN269 ESE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286016
BN270 ESE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000083227

Map ID Direction Distance Elevation		Database	EDR ID Number
BK271 East 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000028148
BK272 East 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000094252
BL273 NNE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000168384
BO274 North 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000036971
BO275 North 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000074363
BO276 North 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000074365
BO277 North 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000034359
BO278 North 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000034372
BO279 North 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000034389

Map ID Direction Distance Elevation		Database	EDR ID Number
BO280 North 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000112887
BO281 North 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000117358
BO282 North 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000130527
BO283 North 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000110612
BO284 North 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000112885
BO285 North 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000112886
BM286 NNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000130535
BM287 NNW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286605
BP288 West 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000272323

Map ID Direction Distance Elevation		Database	EDR ID Number
289 NE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000122567
BI290 SSE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000037544
BI291 SSE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000037543
BI292 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000272257
BI293 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000272258
BI294 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000272259
BI295 SSE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID800000030406
BI296 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000272256
297 SSW 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000285744

Map ID Direction Distance Elevation		Database	EDR ID Number
BI298 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000272255
BQ299 NW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000082184
BQ300 NW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286452
BI301 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000272254
BI302 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000272253
BI303 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000272252
BI304 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000272251
BK305 ENE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286254
BR306 North 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286631

Map ID Direction Distance Elevation		Database	EDR ID Number
BI307 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000272248
BR308 North 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286630
BI309 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000272250
BI310 SSE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000037545
BR311 North 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286629
BI312 SSE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000037541
BS313 NNE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286580
BL314 NNE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286615
BL315 NNE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000078707

Map ID Direction Distance Elevation		Database	EDR ID Number
BS316 NNE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000037345
BS317 NNE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000095283
BS318 NNE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000095284
BP319 West 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286151
BT320 SE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000164261
BT321 SE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000164262
BO322 North 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286636
BU323 SSE 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000037857
BU324 SSE 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000080947

Map ID Direction Distance Elevation		Database	EDR ID Number
BO325 North 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000146354
BV326 SSE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000095376
BV327 SSE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000285684
BW328 West 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000272324
329 ENE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286383
BX330 East 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000028119
BX331 East 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000107508
BX332 East 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000121452
BR333 North 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286646

Map ID Direction Distance Elevation		Database	EDR ID Number
BR334 North 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000131861
BT335 SE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000038432
BT336 SE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000038433
BT337 SE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000030489
BT338 SE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000038431
BT339 SE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000101403
BT340 SE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000101410
BT341 SE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000038434
BT342 SE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000038435

Map ID Direction Distance Elevation		Database	EDR ID Number
BW343 West 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000272325
344 West 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000286144
BY345 NW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000031986
BY346 NW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000031987
BY347 NW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000029958
BY348 NW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000029951
BY349 NW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000029957
BY350 NW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000106957
BY351 NW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000106965

Map ID Direction Distance Elevation		Database	EDR ID Number
BY352 NW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000106950
BY353 NW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000032353
BY354 NW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000095281
BS355 NNE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286609
BS356 NNE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000086645
BS357 NNE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000001115
358 NNE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000286628
BZ359 WNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000106942
BZ360 WNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000159616

Map ID Direction Distance Elevation		Database	EDR ID Number
BZ361 WNW 1/2 - 1 Mile Lower	Click here for full text details	ID WELLS	ID8000000159970
362 SE 1/2 - 1 Mile Higher	Click here for full text details	ID WELLS	ID8000000133104

## AREA RADON INFORMATION

State Database: ID Radon

Radon Test Results

Zipcode	Test Date	Floor	Result
83702	3/19/2005 0:00	0	2.20
83702	1/1/2006 0:00	1	1.60
83702	1/1/2006 0:00	1	1.40
83702	1/1/2006 0:00	0	3.10
83702	1/16/2007 0:00	1	1.60
83702	5/2/2005 0:00	0	0.50
83702	5/15/2005 0:00	1	3.00
83702	4/5/2005 0:00	0	0.70
83702	4/11/2005 0:00	0	10.70
83702	4/23/2005 0:00	0	4.80
83702	6/11/2005 0:00	1	0.30
83702	6/6/2005 0:00	0	0.30
83702	6/11/2005 0:00		3.70
83702	7/15/2005 0:00	0	5.10
83702	12/19/2005 0:00	0	3.60
83702	12/2/2005 0:00	0	3.10
83702	12/19/2005 0:00	0	3.60
83702	12/2/2005 0:00	0	3.10
83702	5/15/2006 0:00	1	5.50
83702	5/11/2006 0:00	1	0.30
83702	6/13/2006 0:00	0	2.90
83702	6/12/2006 0:00	1	7.20
83702	8/1/2006 0:00	0	2.50
83702	8/11/2006 0:00	0	0.30
83702	11/1/2006 0:00	1	2.30
83702	2/1/2006 0:00	1	1.90
83702	3/30/2006 0:00	0	2.70
83702	12/6/2006 0:00	1	3.50
83702	12/22/2006 0:00	0	2.90
83702	1/1/2006 0:00	1	9.10
83702	1/1/2006 0:00	1	3.60
83702	2/8/2007 0:00	0	4.70
83702	2/16/2007 0:00	0	3.40
83702	2/26/2007 0:00	0	5.60
83702	2/16/2007 0:00	0	48.50
83702	1/15/2007 0:00	0	4.90
83702	1/15/2007 0:00	0	5.00
83702	3/30/2007 0:00	0	32.60
83702	3/30/2007 0:00	0	29.80
83702	3/12/2007 0:00	0	3.30
83702	3/20/2007 0:00	0	4.20
83702	2/9/2007 0:00	0	2.40
83702	2/9/2007 0:00	0	2.20
83702	3/14/2007 0:00	0	11.40
83702	2/27/2007 0:00	0	1.20
83702	2/27/2007 0:00	1	1.20
83702			

	4/19/2007 0:00	0	2.80
83702	4/18/2007 0:00	0	16.80
83702	4/18/2007 0:00	0	16.80
83702	7/2/2007 0:00	1	1.80
83702	7/7/2007 0:00	1	0.90
83702	8/20/2007 0:00		7.20
	9/8/2007 0:00	0	-
83702		0	0.30
83702	10/29/2007 0:00 11/26/2007 0:00	3	3.90
83702 83702		1	0.70
	12/1/2007 0:00	1	10.70
83702	11/23/2007 0:00	0	16.00
83702	11/6/2007 0:00	0	2.80
83702	12/22/2007 0:00	0	5.50
83702	12/14/2007 0:00	0	4.50
83702	12/15/2007 0:00	1	3.00
83702	12/15/2007 0:00	0	13.30
83702	12/3/2007 0:00	1	2.60
83702	11/5/2007 0:00	1	0.50
83702	11/6/2007 0:00	0	1.10
83702	11/23/2007 0:00	0	16.30
83702	11/27/2008 0:00	0	4.30
83702	11/24/2007 0:00	0	1.50
83702	12/14/2007 0:00	0	3.00
83702	1/14/2008 0:00	0	2.10
83702	1/14/2008 0:00	0	0.90
83702	1/28/2008 0:00	1	10.40
83702	1/28/2008 0:00	0	4.40
83702	1/14/2008 0:00	1	1.30
83702	3/12/2008 0:00	1	10.30
83702	2/16/2008 0:00	0	1.20
83702	3/12/2008 0:00	1	0.30
83702	3/21/2008 0:00	0	11.20
83702	1/26/2008 0:00	1	1.90
83702	1/31/2008 0:00	1	4.90
83702	1/17/2008 0:00	0	2.40
83702	2/12/2008 0:00	0	5.60
83702	2/8/2008 0:00	1	2.90
83702	2/18/2008 0:00	1	2.20
83702	2/20/2008 0:00	0	5.60
83702	2/15/2008 0:00	1	1.00
83702	2/9/2008 0:00	0	3.80
83702	2/18/2008 0:00	1	1.10
83702	2/23/2008 0:00	1	2.90
83702	2/22/2008 0:00	0	2.90
83702	2/18/2008 0:00	0	3.50
83702	2/16/2008 0:00	0	4.10
83702	2/11/2008 0:00	1	2.90
83702	2/11/2008 0:00	0	4.20
83702	2/8/2008 0:00	0	2.70
83702	2/11/2008 0:00	0	0.80
83702	2/8/2008 0:00	0	1.40
83702	2/4/2008 0:00	0	1.70
83702	2/4/2008 0:00	0	0.90
83702	2/22/2008 0:00	0	1.70
83702	1/25/2008 0:00	0	3.40
83702	2/18/2008 0:00	0	1.00
83702			

	2/4/2008 0:00	0	3.00
83702	2/4/2008 0:00	3	1.10
83702	2/8/2008 0:00	1	5.10
83702	1/31/2008 0:00	0	1.80
83702	2/1/2008 0:00	0	1.90
83702	2/3/2008 0:00	0	0.40
83702	2/1/2008 0:00	0	2.40
83702	4/4/2008 0:00	1	5.50
83702	4/19/2008 0:00	0	3.10
83702	4/19/2008 0:00	3	0.30
83702	4/19/2008 0:00	1	2.50
83702	4/3/2008 0:00	1	6.60
83702	4/3/2008 0:00	1	1.70
83702	4/3/2008 0:00	0	8.20
83702	4/3/2008 0:00	0	2.30
83702	4/15/2008 0:00	0	5.30
83702	4/17/2008 0:00	0	4.50
83702	4/19/2008 0:00	0	1.40
83702	4/1/2008 0:00	0	6.70
83702	4/6/2008 0:00	0	8.90
83702	4/18/2008 0:00	0	4.10
83702	3/20/2008 0:00	0	14.90
83702	3/6/2008 0:00	1	0.50
83702	3/4/2008 0:00	3	0.30
83702	3/13/2008 0:00	1	3.90
83702	3/10/2008 0:00	0	0.30
83702	3/27/2008 0:00	0	3.70
83702	3/27/2008 0:00	1	2.20
83702	3/21/2008 0:00	0	2.00
83702 83702	5/2/2008 0:00 8/7/2008 0:00	1 0	3.20 1.30
83702	9/29/2008 0:00	1	0.30
83702	12/15/2008 0:00	1	0.30
83702	12/13/2008 0:00	0	4.40
83702	6/19/2008 0:00	0	0.30
83702	8/28/2008 0:00	3	1.60
83702	10/20/2008 0:00	0	1.10
83702	12/18/2008 0:00	1	2.60
83702	10/11/2008 0:00	0	7.50
83702	11/12/2008 0:00	0	3.30
83702	10/20/2008 0:00	1	8.50
83702	10/11/2008 0:00	0	3.20
83702	11/26/2008 0:00	0	1.20
83702	11/24/2008 0:00	1	5.50
83702	11/10/2008 0:00	1	4.20
83702	11/6/2008 0:00	0	6.00
83702	11/28/2008 0:00	0	2.60
83702	12/1/2008 0:00	1	6.90
83702	12/8/2008 0:00	0	3.80
83702	2/3/2009 0:00	1	1.60
83702	12/6/2008 0:00	0	4.40
83702	12/15/2008 0:00	1	2.50
83702	2/2/2009 0:00	0	4.00
83702	1/2/2009 0:00	1	3.30
83702	1/21/2009 0:00	0	13.80
83702	3/16/2009 0:00	1	1.50
83702			

	1/31/2009 0:00	3	1.50
83702	2/2/2009 0:00	1	2.60
83702	3/23/2009 0:00	1	4.50
83702	5/17/2009 0:00	0	3.70
83702	2/20/2009 0:00	1	3.10
83702	3/2/2009 0:00	0	8.20
83702	3/30/2009 0:00	0	1.70
83702	2/27/2009 0:00	1	4.40
83702 83702	5/5/2009 0:00	1	1.50
	4/2/2009 0:00	0	5.00
83702	3/12/2009 0:00	0	3.40
83702	4/20/2009 0:00	1	1.70
83702	4/6/2009 0:00	0	6.80
83702	4/14/2009 0:00	3	1.60
83702	4/27/2009 0:00	0	2.00
83702	6/6/2008 0:00	1	1.90
83702	10/14/2008 0:00	3	0.30
83702	10/22/2008 0:00	0	3.70
83702	6/18/2009 0:00	0	2.90
83702	6/8/2009 0:00 6/4/2009 0:00	0	1.30
83702 83702	7/9/2009 0:00	1	3.00
		3	1.00
83702	8/20/2009 0:00	3	12.80
83702	8/20/2009 0:00	1	9.30
83702	8/6/2009 0:00	1	4.30
83702	9/24/2009 0:00	0	1.90
83702	9/24/2009 0:00	0	4.30
83702	9/17/2009 0:00	3	2.50
83702	9/17/2009 0:00	3	3.30
83702 83702	8/31/2009 0:00	1	2.90 12.80
	8/20/2009 0:00 8/20/2009 0:00	1	
83702 83702	8/6/2009 0:00	1	9.30 4.30
83702	10/16/2009 0:00	1	1.30
83702	9/9/2009 0:00	0	4.70
83702	9/9/2009 0:00	1	10.80
83702	9/9/2009 0:00	1	2.90
83702	10/1/2009 0:00	1	6.20
83702	11/6/2009 0:00	1	3.80
83702	12/3/2009 0:00	0	7.70
83702	12/13/2009 0:00	0	7.70
83702	12/12/2009 0:00	1	1.10
83702	12/12/2009 0:00	0	1.40
83702	12/15/2009 0:00	0	2.20
83702	12/3/2009 0:00	0	6.80
83702	12/4/2009 0:00	0	0.70
83702	12/8/2009 0:00	0	3.20
83702	12/15/2009 0:00	0	5.40
83702	12/5/2009 0:00	0	1.00
83702	12/5/2009 0:00	0	7.30
83702	12/9/2009 0:00	1	1.50
83702	12/2/2009 0:00	1	2.10
83702	9/24/1992 0:00	0	2.90
83702	9/23/1992 0:00	1	0.70
83702	11/3/1992 0:00	0	1.10
83702	11/9/1992 0:00	1	3.80
83702	11,0,1002 0.00	•	5.50
00102			

	12/21/1992 0:00	1	3.10
83702	12/21/1992 0:00	1	3.10
83702	12/29/1992 0:00	1	1.70
83702	12/17/1992 0:00	0	4.60
83702	1/21/1992 0:00	1	2.50
83702	1/23/1992 0:00	1	2.70
83702	2/12/1992 0:00	1	2.90
83702	2/27/1992 0:00	0	6.80
83702	3/11/1992 0:00	0	2.10
83702	3/16/1992 0:00	1	2.30
		· ·	
83702	3/24/1992 0:00	1	10.90
83702	8/6/1992 0:00	0	4.80
83702	10/13/1992 0:00	0	1.80
83702	12/11/1992 0:00	1	1.60
83702	10/30/1992 0:00	1	1.00
83702	2/11/1993 0:00	1	1.50
83702	10/13/1993 0:00	1	1.50
83702	10/29/1993 0:00	1	0.60
83702	10/29/1993 0:00	1	1.70
83702	11/15/1993 0:00		7.60
83702	11/1/1993 0:00	0	7.90
83702	11/22/1993 0:00	0	3.60
83702	7/26/1993 0:00	0	2.00
		-	
83702	7/26/1993 0:00	0	2.00
83702	2/1/1993 0:00	0	4.60
83702	3/1/1993 0:00	0	3.40
83702	3/1/1993 0:00	1	4.50
83702	4/1/1993 0:00	0	4.80
83702	5/1/1993 0:00	0	15.20
83702	6/1/1993 0:00	0	2.90
83702	6/1/1993 0:00	1	0.90
83702	8/1/1993 0:00	0	0.70
83702	10/5/1993 0:00	0	2.70
83702	1/22/1993 0:00	1	2.60
83702	2/5/1993 0:00	0	2.40
83702	2/16/1993 0:00	0	7.30
83702	2/17/1993 0:00	0	3.90
83702	5/11/1993 0:00	1	1.00
83702	5/21/1993 0:00	1	1.00
83702	5/25/1993 0:00	1	1.00
83702	6/10/1993 0:00	1	0.70
83702	7/5/1993 0:00	0	0.70
83702	9/15/1993 0:00	1	3.50
83702	3/5/1994 0:00	0	3.70
83702	3/10/1994 0:00	1	4.40
83702	2/7/1994 0:00	0	1.50
83702	3/25/1994 0:00	0	2.10
83702	3/12/1994 0:00	1	0.90
83702	3/20/1994 0:00	0	4.40
83702	3/20/1994 0:00	0	0.90
83702	3/24/1994 0:00	1	6.80
83702	5/19/1994 0:00	0	3.00
83702	5/25/1994 0:00	0	3.00
83702	6/4/1994 0:00	1	3.70
83702	6/13/1994 0:00	1	3.20
83702	7/8/1994 0:00	0	1.10
83702			

	0/0// 000 0 00	•	
	8/3/1992 0:00	0	2.90
83702	8/6/1992 0:00	0	1.20
83702	6/22/1992 0:00	0	4.40
83702	6/24/1992 0:00	1	0.90
83702	11/24/1997 0:00	0	4.80
83702	11/24/1997 0:00	0	4.80
83702	2/25/1992 0:00	1	0.70
83702	3/19/1992 0:00	1	2.70
83702	3/18/1990 0:00	1	1.60
83702	3/7/1990 0:00	0	1.40
83702	3/23/1990 0:00	1	1.40
83702	4/28/1990 0:00	0	1.40
83702	3/14/1990 0:00	0	1.30
83702	3/11/1990 0:00	1	1.00
83702	3/22/1990 0:00	1	1.00
83702	3/27/1990 0:00	1	1.00
83702	3/28/1990 0:00	1	1.00
83702	3/21/1990 0:00	0	0.90
83702	3/17/1990 0:00	1	0.90
83702	2/25/1990 0:00	0	0.60
83702	7/20/1995 0:00	1	1.90
83702	8/18/1995 0:00	0	2.20
83702		-	
	9/5/1995 0:00	0	1.40
83702	2/28/1995 0:00	1	3.10
83702	7/3/1995 0:00	1	0.80
83702	7/10/1995 0:00	1	2.60
83702	10/20/1995 0:00	0	5.40
83702	3/6/1996 0:00		7.10
83702	10/16/1997 0:00	1	1.20
83702	2/25/1990 0:00	0	15.30
83702	3/9/1990 0:00	0	13.40
83702	3/19/1990 0:00	0	12.70
83702	3/8/1990 0:00		12.00
83702	4/3/1990 0:00	0	10.10
83702	3/9/1990 0:00	0	9.70
83702	3/7/1990 0:00	0	9.00
83702	3/24/1990 0:00	0	8.10
83702	3/21/1990 0:00	0	7.70
83702	3/18/1990 0:00	1	6.20
83702	3/4/1990 0:00	0	5.90
83702	3/7/1990 0:00	0	5.80
83702	3/29/1990 0:00	1	5.70
83702	3/12/1990 0:00	0	5.50
83702	2/16/1990 0:00	0	5.20
83702	3/5/1990 0:00	0	5.20
83702	3/5/1990 0:00	0	5.00
83702	2/23/1990 0:00	0	4.80
83702	2/28/1990 0:00	1	4.80
83702	3/21/1990 0:00	0	4.80
83702	3/24/1990 0:00	0	4.80
83702	3/30/1990 0:00	0	4.60
83702	2/20/1990 0:00	0	4.10
83702	3/24/1990 0:00	1	4.10
83702	3/13/1990 0:00	0	4.00
83702	2/26/1990 0:00	0	3.80
83702	3/1/1990 0:00	1	3.70
83702			

## AREA RADON INFORMATION

	3/24/1990 0:00	0	3.70
83702	3/5/1990 0:00	0	3.60
83702	3/6/1990 0:00	1	3.40
83702	3/8/1990 0:00	0	3.40
83702	3/10/1990 0:00	0	3.40
83702	3/13/1990 0:00	0	3.20
83702	3/11/1990 0:00	0	3.00
83702	4/29/1990 0:00		2.70
83702	3/2/1990 0:00	0	2.60
83702	2/22/1990 0:00	1	2.50
83702	3/6/1990 0:00	0	2.40
83702	4/18/1990 0:00	0	2.30
83702	3/7/1990 0:00	1	2.20
83702	3/25/1990 0:00	0	2.10
83702	5/2/1990 0:00	0	2.10
83702	3/7/1990 0:00	•	2.00
83702	3/19/1990 0:00	0	2.00
83702	3/23/1990 0:00		1.90
83702	3/27/1990 0:00	1	1.90
83702	6/5/1990 0:00	0	1.80
83702	3/25/1990 0:00	0	1.70
83702	3/10/1990 0:00	1	1.60
83702	3/12/1990 0:00		1.60
83702	3/10/1990 0:00	1	0.60
83702	3/17/1990 0:00	1	0.60
83702	4/3/1990 0:00	0	0.40
83702	3/30/1990 0:00	0	0.10
83702	10/31/2003 0:00	0	2.30
83702	11/3/2003 0:00	0	2.80
83702	10/27/2001 0:00	0	2.70
83702	11/6/2001 0:00	0	2.60
83702	4/1/2002 0:00	1	2.00
83702	11/12/2003 0:00	0	4.60
83702	11/29/2003 0:00	0	2.70
83702	2/20/2004 0:00		2.90
83702	5/23/2004 0:00	0	9.30
83702	11/14/2004 0:00	1	17.40
83702	11/27/2004 0:00	0	1.10
83702	12/6/2004 0:00	1	6.40
83702	1/28/2005 0:00	0	4.50
83702	2/3/2005 0:00	1	0.20
83702	2/16/2005 0:00	1	5.10
83702	2/22/2005 0:00	1	1.80
83702	2/24/2005 0:00	0	1.90
83702	2/23/2005 0:00	1	0.20
			-

Federal EPA Radon Zone for ADA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L. : Zone 3 indoor average level < 2 pCi/L.

## AREA RADON INFORMATION

Federal Area Radon Information for Zip Code: 83702

Number of sites tested: 46

Area Average Activity % <4 pCi/L % 4-20 pCi/L % >20 pCi/L

Living Area - 1st Floor 2.379 pCi/L 79% 21% 0%

Not Reported 4.598 pCi/L Living Area - 2nd Floor Not Reported Not Reported Not Reported

Basement 57% 43% 0%

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### **TOPOGRAPHIC INFORMATION**

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Source: U.S. Geological Survey

#### HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory Source: Department of Water Resources

Telephone: 208-287-4800

#### HYDROGEOLOGIC INFORMATION

AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

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

#### **GEOLOGIC INFORMATION**

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

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

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### **LOCAL / REGIONAL WATER AGENCY RECORDS**

#### FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

#### STATE RECORDS

#### Permitted Wells

Wells permitted or licensed by Idaho Department of Water Resources

Agency: Department of Water Resources

Phone: 208-287-4800

#### Water Level Monitoring Wells

This dataset shows the locations of monitoring wells.

Agency: Department of Water Resources

Phone: 208-287-4800

### OTHER STATE DATABASE INFORMATION

#### **RADON**

State Database: ID Radon

Source: Department of Health & Welfare

Telephone: 208-332-7319 Radon Test Results

# Area Radon Information Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

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

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

radon levels.

#### **OTHER**

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STREET AND ADDRESS INFORMATION

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Boise City Ada County Housing Authority 3113 W. Moore Street Boise, ID 83702

Inquiry Number: 4710136.3

August 25, 2016

# **Certified Sanborn® Map Report**



## **Certified Sanborn® Map Report**

08/25/16

Site Name:

Client Name:

Boise City Ada County Housing 3113 W. Moore Street Boise, ID 83702 EDR Inquiry # 4710136.3 Strata Environmental 8653 W. Hackamore Drive

Boise, ID 83709

Contact: Andrew Provant



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Strata Environmental were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

#### Certified Sanborn Results:

Certification # 94E1-4507-8D24

**PO#** BO16176B

Project Boise City Ada County HA

#### **UNMAPPED PROPERTY**

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



Sanborn® Library search results
Certification #: 94E1-4507-8D24

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

Library of Congress

University Publications of America

EDR Private Collection

The Sanborn Library LLC Since 1866™

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Boise City Ada County Housing Authority 3113 W. Moore Street Boise, ID 83702

Inquiry Number: 4710136.4

August 25, 2016

# **EDR Historical Topo Map Report**

with QuadMatch™



## **EDR Historical Topo Map Report**

08/25/16

Site Name: Client Name:

Boise City Ada County Housing 3113 W. Moore Street Boise, ID 83702

EDR Inquiry # 4710136.4

Strata Environmental 8653 W. Hackamore Drive

Boise, ID 83709

Contact: Andrew Provant



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Strata Environmental were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:		Coordinates:	
P.O.#	BO16176B	Latitude:	43.630621 43° 37' 50" North
Project:	Boise City Ada County HA	Longitude:	-116.229787 -116° 13' 47" West
-		UTM Zone:	Zone 11 North
		UTM X Meters:	562133.05
		<b>UTM Y Meters:</b>	4831136.23
		Elevation:	2670.00' above sea level

#### **Maps Provided:**

2013

1976

1971, 1972

1954

1953, 1954

1897

1892

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## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

## 2013 Source Sheets



page

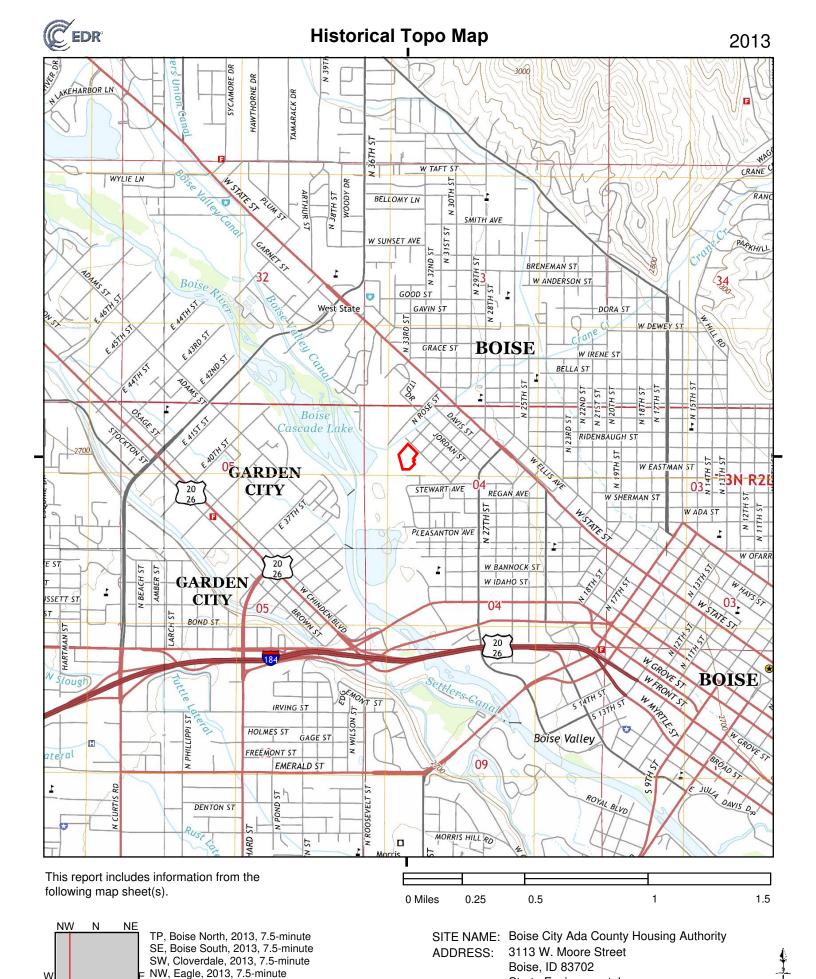
## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

## 1953, 1954 Source Sheets



page



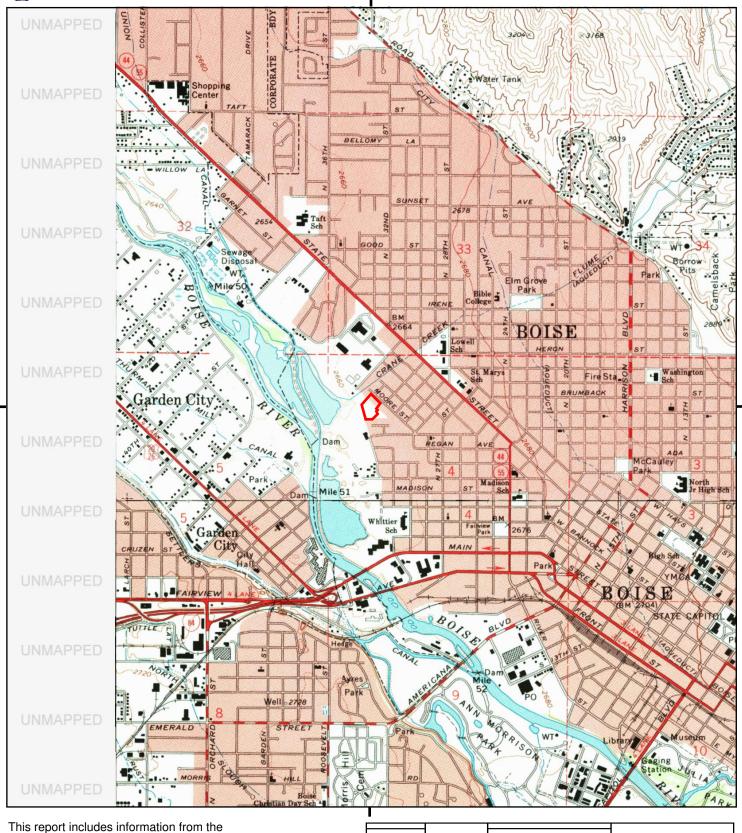
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S

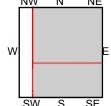
SE

Strata Environmental

CLIENT:



This report includes information from the following map sheet(s).



TP, Boise North, 1976, 7.5-minute SE, Boise South, 1976, 7.5-minute

SITE NAME: Boise City Ada County Housing Authority

ADDRESS: 3113 W. Moore Street

0.5

0.25

0 Miles

Boise, ID 83702

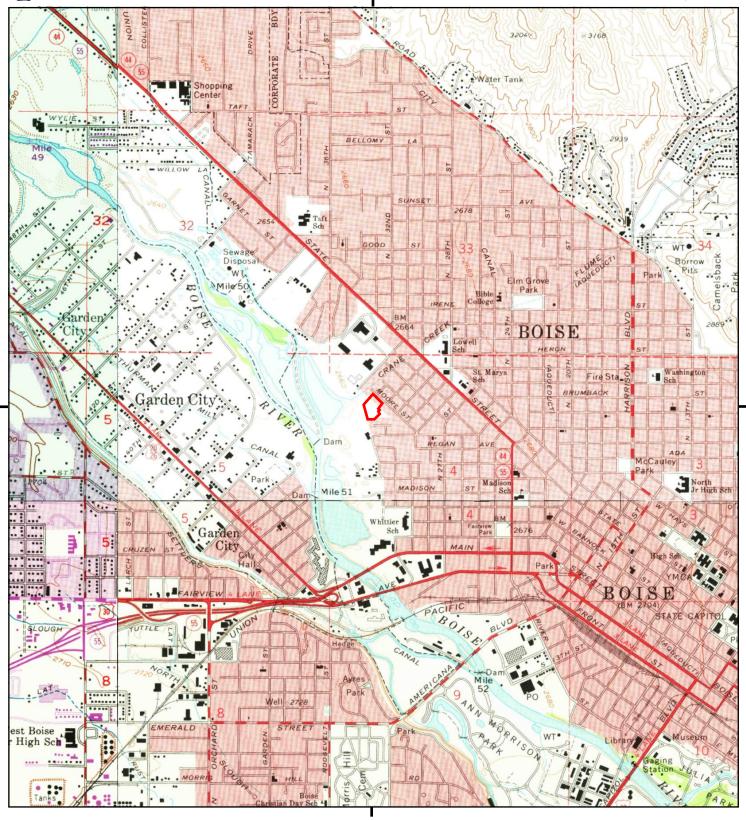
CLIENT: Strata Environmental



1

1.5





This report includes information from the following map sheet(s).

NW N NE
TP, Boise North, 1972, 7.5-minute
SE, Boise South, 1972, 7.5-minute
SW, Cloverdale, 1971, 7.5-minute
NW, Eagle, 1971, 7.5-minute

0 Miles 0.25 0.5 1 1.5

SITE NAME: Boise City Ada County Housing Authority

ADDRESS: 3113 W. Moore Street

Boise, ID 83702

CLIENT: Strata Environmental

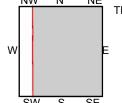


0 Miles

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CLIENT:

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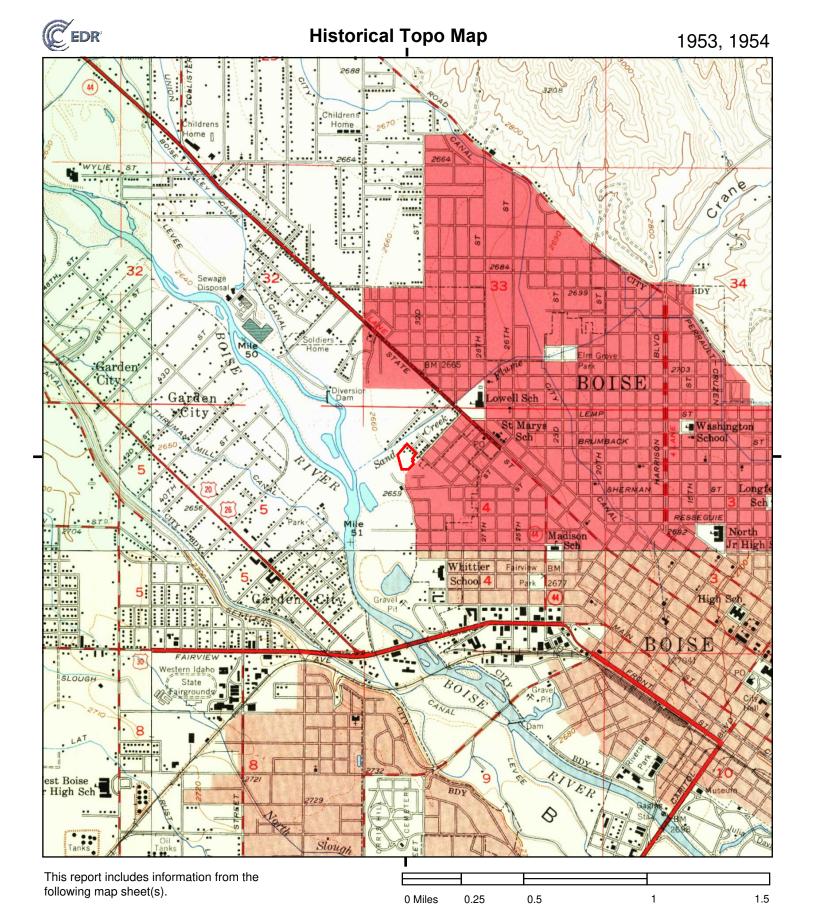
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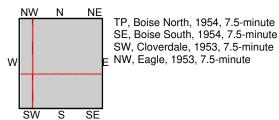
SITE NAME: Boise City Ada County Housing Authority

ADDRESS: 3113 W. Moore Street

0.5

Boise, ID 83702 Strata Environmental 1.5





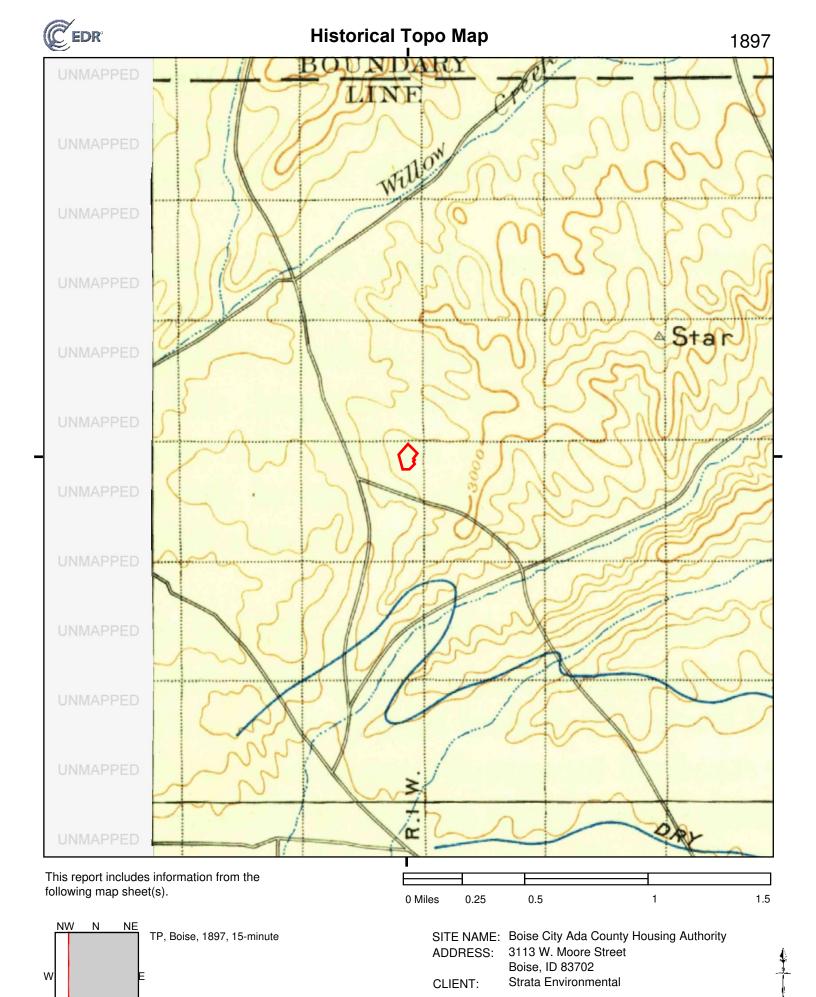
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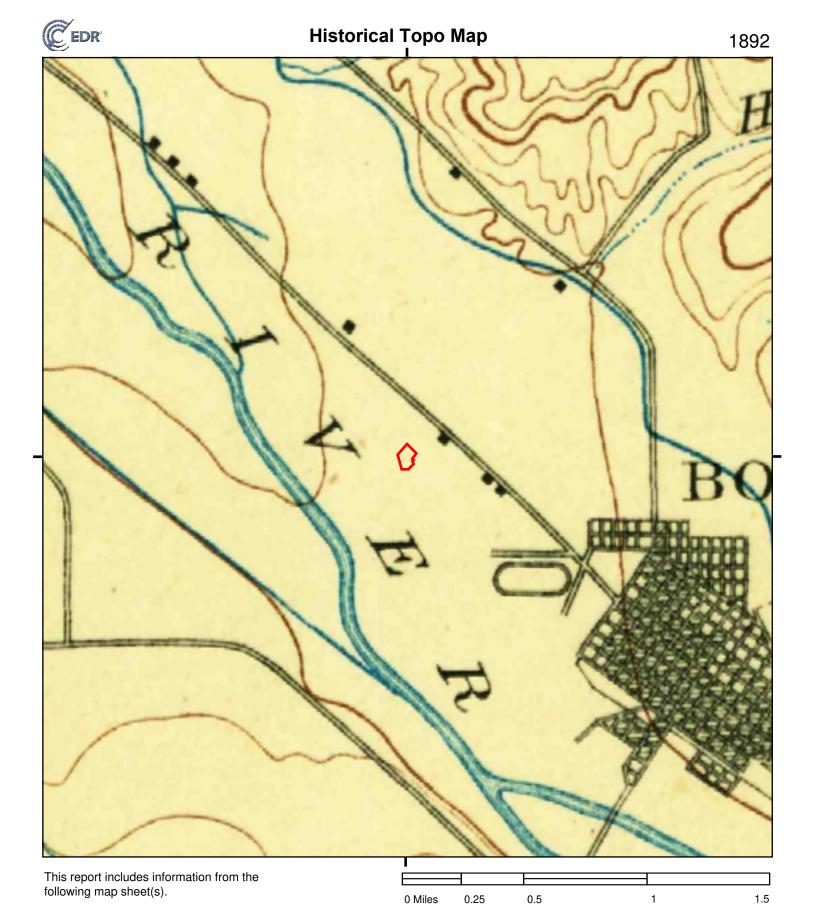
ADDRESS: 3113 W. Moore Street

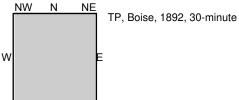
Boise, ID 83702

CLIENT: Strata Environmental









SITE NAME: Boise City Ada County Housing Authority

3113 W. Moore Street ADDRESS:

Boise, ID 83702

Strata Environmental CLIENT:

# **Boise City Ada County Housing Authority**

3113 W. Moore Street Boise, ID 83702

Inquiry Number: 4710136.5

August 26, 2016

# The EDR-City Directory Image Report



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#### **SECTION**

**Executive Summary** 

**Findings** 

**City Directory Images** 

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

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#### **EXECUTIVE SUMMARY**

#### **DESCRIPTION**

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

#### **RESEARCH SUMMARY**

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	Target Street	Cross Street	<u>Source</u>
2013	$\overline{\checkmark}$		Cole Information Services
2008	$\overline{\checkmark}$		Cole Information Services
2003	$\overline{\checkmark}$		Cole Information Services
1999	$\overline{\checkmark}$		Cole Information Services
1995	$\overline{\checkmark}$		Cole Information Services
1992	$\overline{\checkmark}$		Cole Information Services
1988	$\overline{\checkmark}$		Polk's City Directory
1983	$\overline{\checkmark}$		Polk's City Directory
1978	$\overline{\checkmark}$		Polk's City Directory
1973	$\overline{\checkmark}$		Polk's City Directory
1968	$\overline{\mathbf{V}}$		Polk's City Directory
1963	$\overline{\square}$		Polk's City Directory

#### **RECORD SOURCES**

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# **FINDINGS**

### TARGET PROPERTY STREET

3113 W. Moore Street Boise, ID 83702

<u>Year</u>	CD Image	Source
MOORE ST		
2008	pg A2	Cole Information Services
2003	pg A3	Cole Information Services
1999	pg A4	Cole Information Services
1995	pg A5	Cole Information Services
1992	pg A6	Cole Information Services
1988	pg A7	Polk's City Directory
1983	pg A8	Polk's City Directory
1978	pg A9	Polk's City Directory
1973	pg A10	Polk's City Directory
1968	pg A11	Polk's City Directory
1963	pg A12	Polk's City Directory
W MOORE ST		
2013	pg A1	Cole Information Services

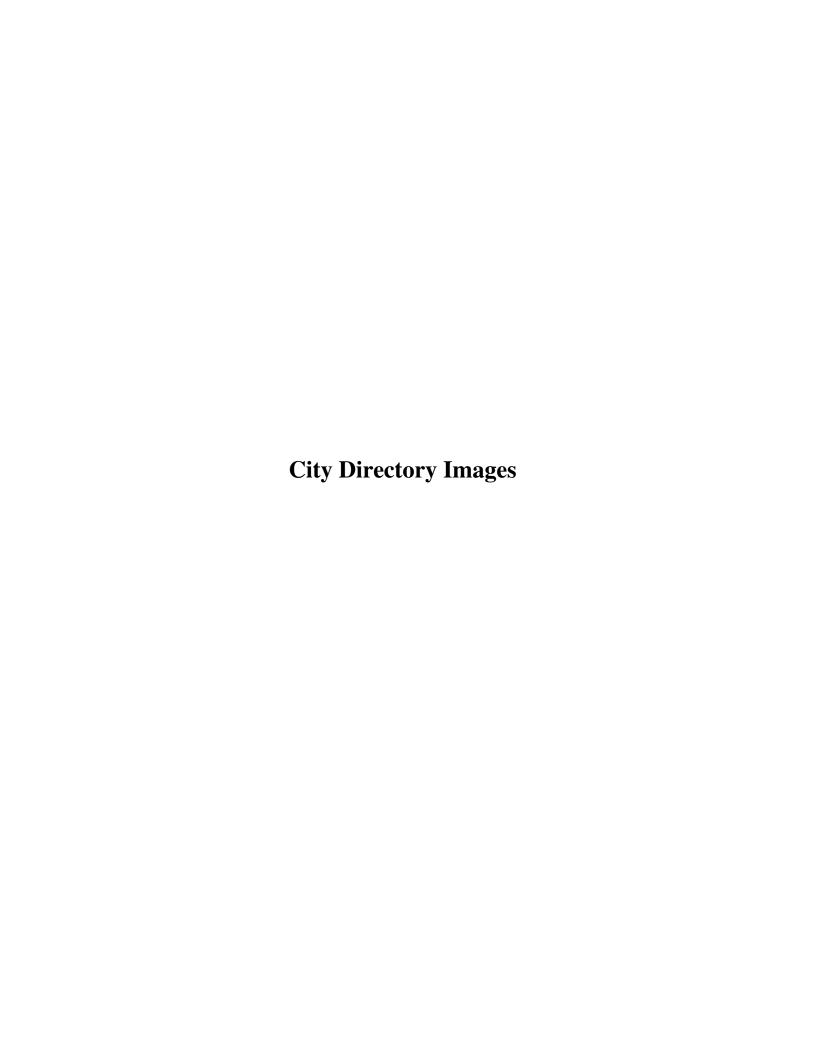
4710136-5 Page 2

## **FINDINGS**

### **CROSS STREETS**

No Cross Streets Identified

4710136-5 Page 3



<u>Target Street</u> <u>Cross Street</u> <u>Source</u>

✓ - Cole Information Services

# W MOORE ST 2013

2801	GARTH MIONIGHT
2802	MATTHEW CAMERON
2804	OCCUPANT UNKNOWN
2805	LESLIE STODDARD
2809	OCCUPANT UNKNOWN
	TINA DEAN
2810	DAVID MOSER
2815	OCCUPANT UNKNOWN
	ROCHELLE WALLACE
2905	SONDRA BLESSENT
2911	OCCUPANT UNKNOWN
	ROBERT WALSH
2999	WHIZ KID DAYCARE & PRESCHOOL
3006	DAVID MARTIN
3011	MICHELLE SMITH
3015	KATJA STRINGFIELD
3019	TIM DALEY
3021	OCCUPANT UNKNOWN
3102	JASON STANGER
3120	GEORGE BAKER
3201	DEBRA GARRETT
3205	OCCUPANT UNKNOWN
3550	ROBERT SANDERS
3560	BRANDON BETTY
3562	RENEE BUSTAMANTE
3605	MICHAEL KOBOLD
3606	RANDALL HALLENBERGER
3607	RICHARD KING
3610	COLTON LAMBERT
3611	OCCUPANT UNKNOWN
3612	OCCUPANT UNKNOWN
3631	MARCELA MAES
3633	DANIEL MCLAUGHLIN

**Cross Street** 

#### **Target Street Source** Cole Information Services

2804	B PHILLIPS	
2805	OCCUPANT UNKNOWN	
2809	OCCUPANT UNKNOWN	
	TINA DEAN	
2810	DAVID MOSER	
2815	OCCUPANT UNKNOWN	
	SCOTT CARTER	
2901	OCCUPANT UNKNOWN	
2905	MARCELLA ODMARK	
2911	MARCIA JEFFS	
	OCCUPANT UNKNOWN	
3001	LEONARD ACKERLAND	
3005	PEGGY FITZPATRICK	
3006	DAVID MARTIN	
3011	MICHELLE SMITH	
3015	OCCUPANT UNKNOWN	
3019	TIM DALEY	
3021	CARLYN LARSON	
3101	OCCUPANT UNKNOWN	
3102	JASON STANGER	
3106	GENE HOLCOMB	
3113	OCCUPANT UNKNOWN	
3119	OCCUPANT UNKNOWN	
3201	DEBRA GARRETT	
3205	OCCUPANT UNKNOWN	
3550	EARLY BRONCO SPECIALTIES	
	ROBERT SANDERS	
3560	GARY DAWSON	
3562	RENEE BUSTAMANTE	
3605	MARC BAILEY	
3606	RANDAL HALLENBERGER	
3607	RICHARD KING	
3610	CHRISTINA MOORE	
3611	OCCUPANT UNKNOWN	
3612	JEFF TUCKER	
3631	MARCELA MAES	
3633	DANIEL MCLAUGHLIN	

**Cross Street** 

#### **Target Street Source** Cole Information Services

2804	J CASPER
2805	CARL ERIKSON
2809	CHERYL HAWLEY
2009	OCCUPANT UNKNOWN
2810	DAVID MOSER
2815	BEVERLY GABRIEL
2013	DAVE MAST
	OCCUPANT UNKNOWN
	SCOTT CARTER
	SIMONNE WARD
2901	OCCUPANT UNKNOWN
2911	JACK BIDIGARE
2911	OCCUPANT UNKNOWN
2999	OCCUPANT UNKNOWN
2333	PRECIOUS GIFTS CHRSTN PRSCHL
3001	LEONARD ACKERLAND
3005	JENNIFER MONRO
3006	KIMBERLY SLUSHER
3011	MICHELLE SMITH
3015	JIM SCHMID
3019	TIM DALEY
3021	MYRTLE LARSON
3106	GENE HOLCOMB
3110	OCCUPANT UNKNOWN
3113	OCCUPANT UNKNOWN
3120	OCCUPANT UNKNOWN
3201	DEBRA GARRETT
3550	CLAUDIA ALBRETHSEN
	EARLY BRONCO SPECIALTIES
3560	ENRIQUE BARRETO
3562	J MASON
3605	D CONKLIN
	DAVID CONKLIN
3606	CATHY HAVENS
3607	RICHARD KING
3610	OCCUPANT UNKNOWN
3611	QUANTUM HARMONY
	SOPHIA DEAN
3612	OCCUPANT UNKNOWN
3631	MARCELA MAES
3633	HELEN MCLAUGHLIN

<u>Target Street</u> <u>Cross Street</u> <u>Source</u>

## MOORE ST 1999

Cole Information Services

2804 **ERIK SOLYOM** 2805 **KURT HARTLEY** 2809 CHERYL HAWLEY JANET THOMAS 2810 **IRENE BLASER** 2815 OCCUPANT UNKNOWN 2901 C HAND 2905 OCCUPANT UNKNOWN 2911 **J NAKAMURA JACK BIDIGARE** 3001 OCCUPANT UNKNOWN 3005 KATIE KILGROW 3006 **DAVID MARTIN** 3011 MICHELL SMITH 3015 ROSARIO MUSUMECI 3019 TIM DALEY **CARLYN LARSON** 3021 3110 OCCUPANT UNKNOWN 3113 OCCUPANT UNKNOWN 3119 DONALD HAVERY 3120 OCCUPANT UNKNOWN 3201 **D GARRETT** 3550 **EARLY BRONCO SPECIALTIES ROBERT SANDERS** 3560 SILVIA VARGAS OCCUPANT UNKNOWN 3562 3605 DAVID CONKLIN 3606 **CATHY HAVENS** 3607 RICHARD KING 3610 OCCUPANT UNKNOWN 3612 VIMALA DAVID 3631 MARCELA MAES 3633 HELEN MCLAUGHLIN

<u>Target Street</u> <u>Cross Street</u> <u>Source</u>

# - Cole Information Services

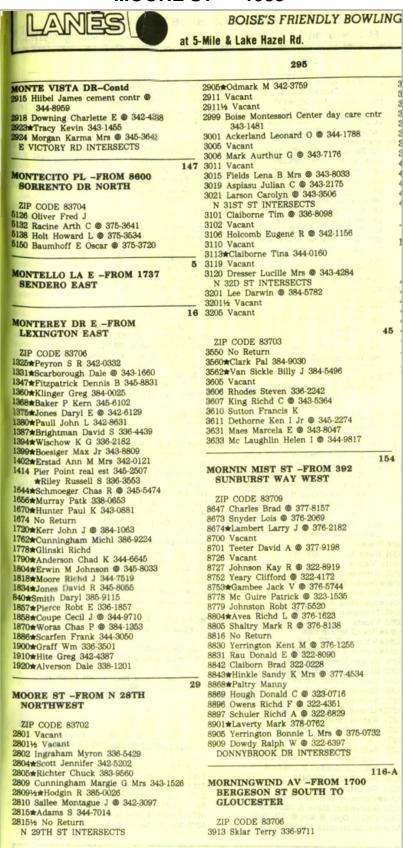
2804	OCCUPANT UNKNOWNN	
2805	HARTLEY, KURT	
2810		
2815	MARTIN, J	
2901	LINDSEY, LYNN	
2911	OCCUPANT UNKNOWNN	
2999	BOISE MONTESSORI CTR	
3001	ACKERLAND, LEONARD	
3005	SIMPSON, JAMIE	
3006	TURNER, DAVID	
3011	SMITH, M L	
3015	FELBER, WESLEY	
3019	DALEY, TIM J	
3021	LARSON, CARLYN F	
3101	A 1 LAWN SPRINKLING	
	OCCUPANT UNKNOWNN	
3106	OCCUPANT UNKNOWNN	
3110	CRANK, STEVE	
3113	HEXUM, DEREK	
3119	OCCUPANT UNKNOWNN	
3120	OCCUPANT UNKNOWNN	
3201	LEE, DEBRA	
3550	EARLY BRONCO SPECIALTIES	
	SANDERS, ROBERT	
3560	BARRETO, ENRIQUE M	
3562	OCCUPANT UNKNOWNN	
3605	OCCUPANT UNKNOWNN	
3606	FAUST, JOEL	
3607	KING, RICHARD C	
3610	BRAVO, JAMIE	
3611	WILLIAMS, MICHELE E	
3612	OCCUPANT UNKNOWNN	
3631	MAES, MARCELA E	
3633	MCLAUGHLIN, HELEN I	

<u>Target Street</u> <u>Cross Street</u> <u>Source</u>

✓ - Cole Information Services

2804	STONEMAN, MIKE M
2810	SALLEE, M J
2815	FORD, STACY
	MARTIN, JACKIE
	MOSS, ROBIN
2905	ODMARK, M
2999	BOISE MONTESSORI CN
	MONTESSORI CTR BOIS
3001	ACKERLAND, LEONARD
3005	SIMPSON, JAMIE
3011	PETTINGILL, M R
	SMITH, M L
3019	SMITH, BRIAN L
3021	LARSON, CARLYN F
3101	A-1 LAWN SPRINLING
	CLAIBORNE TIM
	CLAIBORNE, TIM
3106	HOLCOMB, EUGENE R
3110	CRANK, STEVE
3113	CLAIBORNE, K T
3119	AREHART, DEBORAH
3201	LEE R ROOFING
3562	WEEKS, DENNIS
3605	CONKLIN, DAVID
3607	KING, RICHARD C
3610	BRAVO, JAMIE
3611	DETHORNE, KENNETH I
3612	TAYLOR, R
3631	MAES, MARCELA E
3633	MCLAUGHLIN, HELEN I

### MOORE ST 1988





TEL A 409 S. COLE RD. BOISE

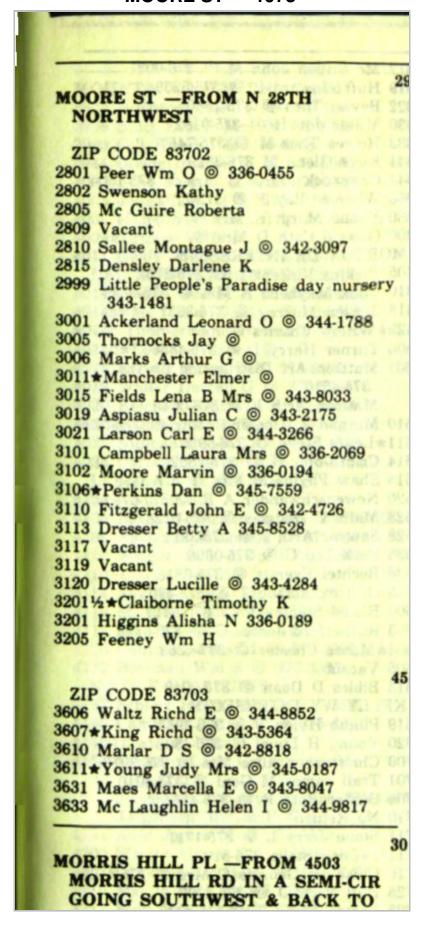
Target Street

**Cross Street** 

<u>Source</u>
Polk's City Directory



Source
Polk's City Directory



**Target Street** 

**Cross Street** 

<u>Source</u>

Polk's City Directory

## MOORE ST 1973

2914 ★ Johns Ronald ◎ 2915 Corn Homer L @ 343-0416 2918 Downing Derald B @ 342-4338 2923 ★ Mowery Wm E @ 343-1596 MOORE ST -FROM N 27TH NORTHWEST ZIP CODE 83702 2801 Miller John E piano tuner @ 343-6229 2804 Terrill Darrell J 2805 \* Pruett Rod A 345-7121 2809 ★ Johnson Debbie L 345-3746 2809½ ★Kettle Roy D 2810 Sallee Montague J @ 342-3097 2815 ★ Emery Nancy E 345-7529 2815½ ★ Henderson Dave L 2901 Fowler Cornelius M ⊚ 343-8729 2905 ★ Mitchell Robt L @ 342-8545 2911 ★ Boyington John G ⊚ 345-7326 3001 Ackerland Leonard O @ 344-1788 3005 ★Gunn Roger 336-0652 3006 Marks Arthur G @ 3011 Manchester Elmer E plmb @ 344-6772 3013 H U D Prog Playground 3015 ★ Tields Lena B Mrs ⊚ 343-8033 3019 Aspiaso Julian C @ 3021 Larson Carl E @ 344-3266 3101 Peterson Z Louise Mrs 342-6960 3102 Munson Leora Mrs @ 344-3864 3106 Wright Roberta L ⊚ 343-2877 56 3110 Fitzgerald John E ⊚ 3113 Dickerson Wm J 344-7154 3117 Vacant 3120 Dresser L Lucille Mrs @ 343-4284 3201 March Donna Mrs 32011/2 Campbell Laura Mrs Mrs @ 342-3945 3205 Chadwell Lois Mrs 344-2903 37 ZIP CODE 83703 3605 Ashby Robt P @ 3606 Waltz Richd E ⊚ 344-8852 3607 Warren Elizabeth Mrs @ 344-2474 3610 Marlar Denny S bldg contr @ 344-5014 3611 ★ King Richd 3631 ★ Moes Marcella E @ 343-8047 3633 ★ Mc Laughlin Helen I @ 344-9817 NACE AND STOVE ERED

Target Street Cross Street Source

→ Polk's City Directory

	WOOTL 31 1900
6	2923 THOMAS R DARWIN . 344-5278
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EI	MOODE ST -FOOM N OFFIN NOOTHWEET
57	MOORE ST -FROM N 27TH NORTHWEST
	"MINTE ST - PEGA MINT BON STATE
21	ZIP CODE 83702
:0	2801 MILLER JOHN E PIANO TUNER .
20	343-6229
B F B	2805 ROSENHOLM ANNA E . 342-0770
159	2809 JOHNSON VAUGHN W
08 8	2800K MILEON LANGE CO. TAG
18	2809% WILSON JAMES . 342-2312
55	2810 SALLEE MONTAGUE J . 342-4728
25 1	2815 WINSLOW GARY
1	2815% THOMPSON HARVEY C 342-5805
	2901 FOWLER CORNELIUS M . 343-8729
-	2905 HEISNER AMY B MRS . 342-8545
	2911 VACANT
46	3001 ACKERLAND LEONARD O .
	344-1788
08	3005 RUPP STEVE
08	3006 MARKS ARTHUR G .
IE !	
38	3011 MANCHESTER ELMER E PLMB .
28	344-6772
02.	3015 FIELDS LENA MRS • 343-8033
00	3019 ASPIASO JULIAN C .
82	3021 VACANT
TE I	SIUI VACANT
	3102 HARRELL J G • 342-4433
85	3106 JENNINGS DAVID E . 343-2775
9.5	3110 FITZGERALD JOHN E .
26 9	3113 MORRISON ROSALIE MRS 344-7154
	3117 VACANT
121	3119 CAMPBELL LAURA MRS . 342-3945
	3120 DRESSER C LUCILLE MRS .
56	343-4284
0	3201 HILTON CAROLD
200	3201% VACANT
200	320E CARRETT HOUSE & A TALL CO.
	3205 GARRETT HOMER R • 344-9261
	1710 DOMY THUS G SAME SISSITION OF L
	-1415 W. S.
7	ZIP CODE 83703
	3005 ASHBY ROBT P .
37	3006 VACANT
15000	3607 SMITH J BRENT . 344-2474
18	3610 MARLAR DENNY S BLDG CONTR .
	744-5014
	3611 VAN DED MEED MADEL MOS A
	342-2060
	3840 CANTRALL RAY . 343-0902
70	
1	Market and the party to the first party to the firs
10	MODDIS HILL DO LIST BENCH - FROM
a F	MORRIS HILL RD (1ST BENCH)-FROM
	CRESCENT RIM DR WEST
17 1	The second secon
100	ZIP CODE 83704
	3221 MARCELLUS W HOWARD • 344-2432

Ē.		
		214
	29	1 3
	MOORE-From N 27th northwest to city	3
2	limits, 4 south of State	3
	2801 Miller John E ⊚ piano tuner	3
65.	343-6229	
	2805 Rosenholm Anna E 342-0770	4
	2809 Vacant	4
	2809½ Wilson Jas © 342-2312	4
72	2810 Sallee Montague J © 342-4728 2815 Vacant	4
	2815 Arp Arth	4
18	2901 Fowler Cornelius M @ 343-8729	4 4 4 4 G
	2905 Heisner Paul W @ 342-8545	4
No.	2911 Williams Wm E 344-8167	G
	3001 Ackerland Leonard O @ 344-1788	4
	3005 Atkinson Wm L ©	46
	3006 Marks Arth G ®	
	3011 Manchester Elmer C ®	40
	3015 Fields Lena Mrs © 343-5004 3019 Aspiaso Julian C ©	4
	3021 Malone Chauncey @ 343-3049	48
	3101 Glancy Kirby C 342-4762	41
ІРАНО	3104 Vacant	48
-	3106 Duncan Jerry	48
	3110 Fitzgerald John E @	48
	3113 Cook Martel	45
_ ш	3117 Russell Mary E Mrs @ 342-0094	N 50
	3119 Vacant	
<u> </u>	3120 Dresser C Lucille Mrs © 343-4284 3201 McGuirk Leon	50
0	3201 McGuirk Leon 3201½ Litz Bennie Mrs	
ш	3205 Garrett Homer R @ 344-9261	
ш	45	
0	3605 Day Geo V @ 344-8066	50
I	3606 Walker Lexola Mrs 344-2737	
山	3607 Gould Gilbert R @	
0	3610 Marlar Denny S © contr 344-5014	50
	3611 Vacant	50
V	0.4	50 51 51 51 51 51
2	MORRIS HILL ROAD (1st Bench)-From	51
Ш	Crescent Rim dr west to Latah	51
Z	3221 Marcellus W Howard @ 344-2432	51
GENERAL OFFICE BOIS	3222 Jensen Bicycle Shop	52
	3227 General Appraisal Co 342-3183	52

Boise City Ada County Housing Authority 3113 W. Moore Street Boise, ID 83702

Inquiry Number: 4710136.9

August 25, 2016

# The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

# **EDR Aerial Photo Decade Package**

08/25/16

Site Name: Client Name:

Boise City Ada County Housing 3113 W. Moore Street Boise, ID 83702

EDR Inquiry # 4710136.9

Strata Environmental 8653 W. Hackamore Drive

Boise, ID 83709

Contact: Andrew Provant



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

#### Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	Source
2011	1"=500'	Flight Year: 2011	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1998	1"=500'	Acquisition Date: June 20, 1998	USGS/DOQQ
1992	1"=500'	Flight Date: June 01, 1992	USGS
1987	1"=750'	Flight Date: July 31, 1987	USGS
1981	1"=500'	Flight Date: July 04, 1981	USDA
1977	1"=500'	Flight Date: September 06, 1977	USDA
1974	1"=500'	Flight Date: September 18, 1974	USDA
1938	1"=500'	Flight Date: May 31, 1938	USGS

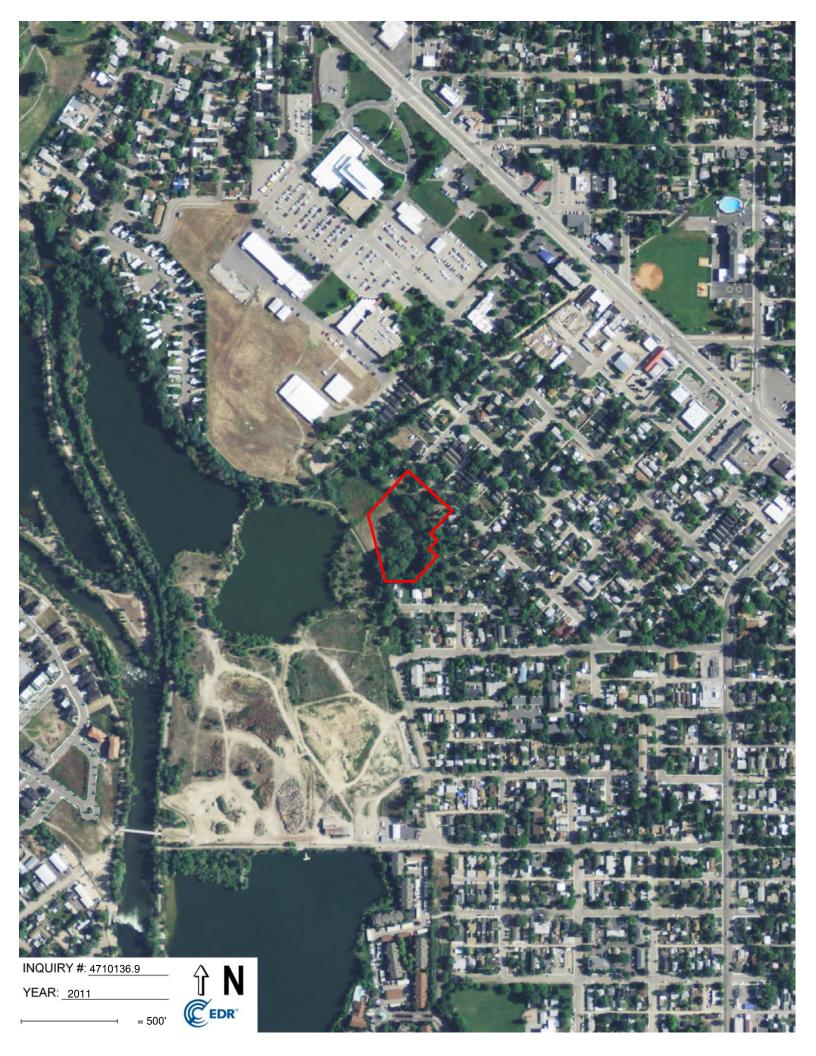
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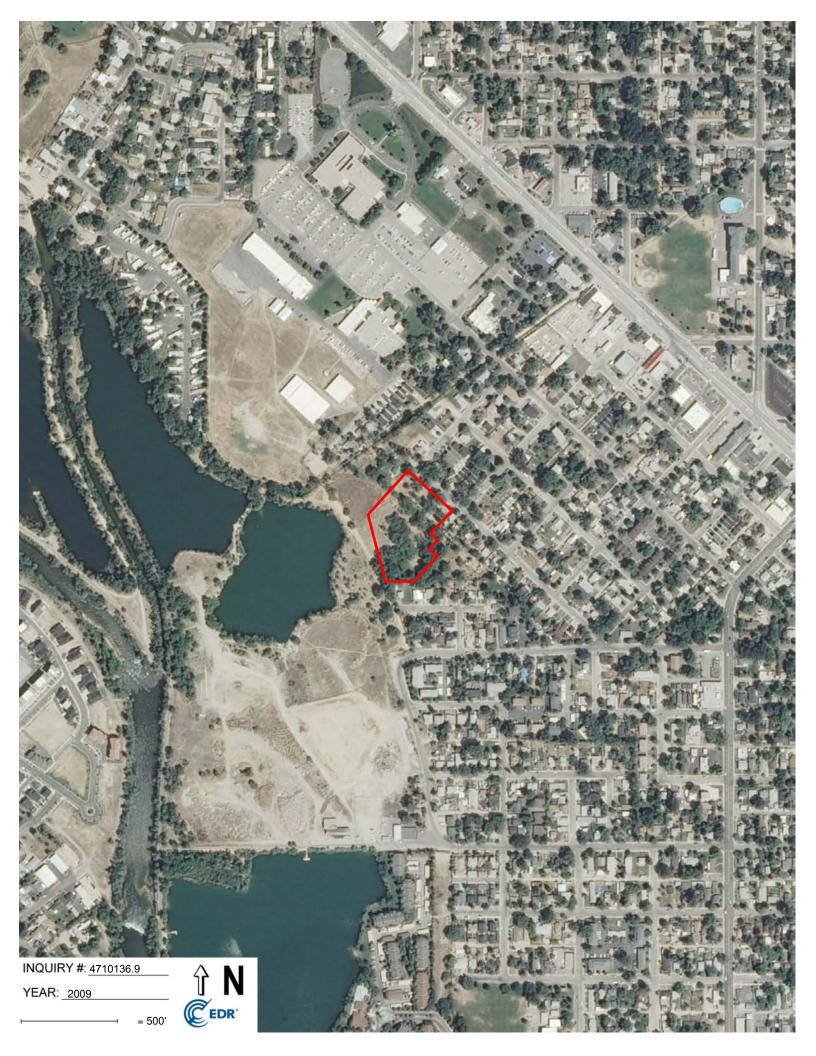
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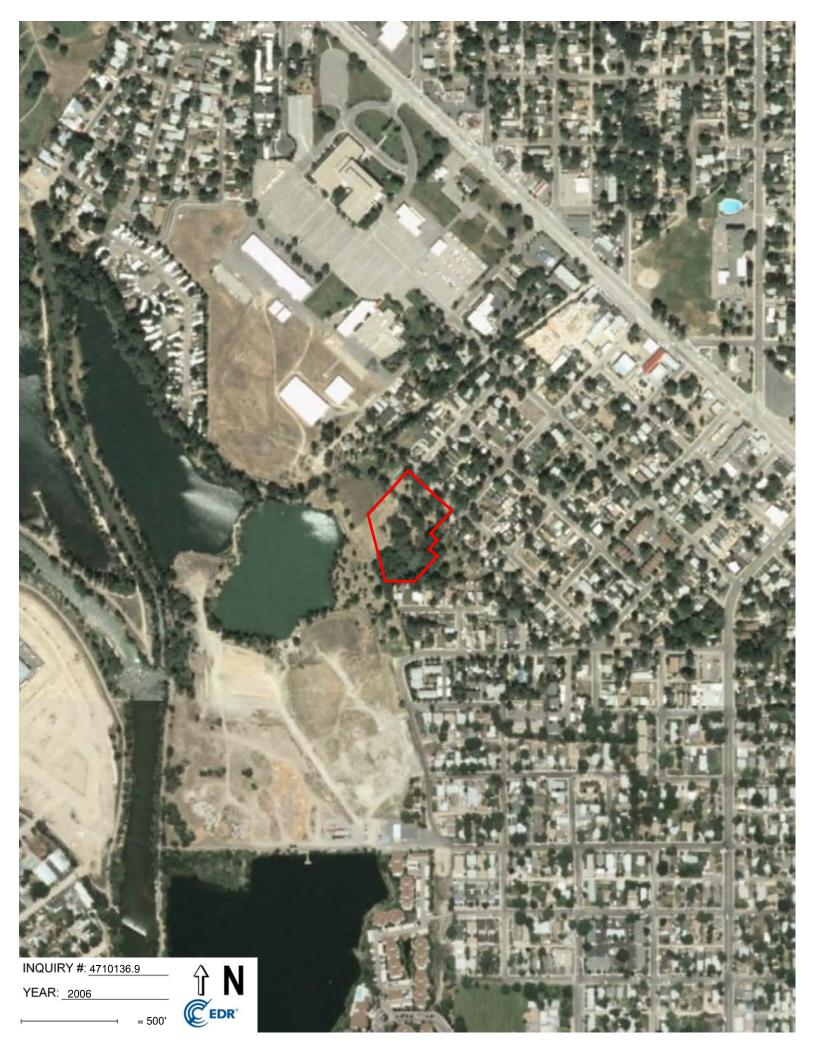
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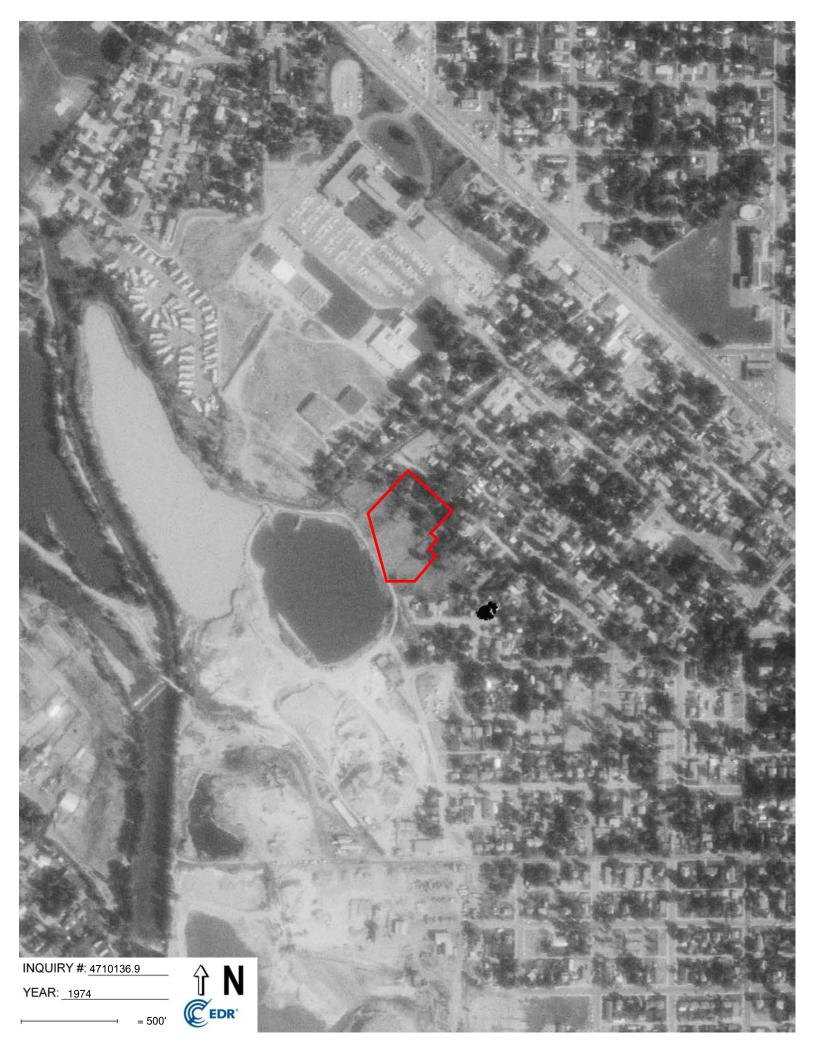


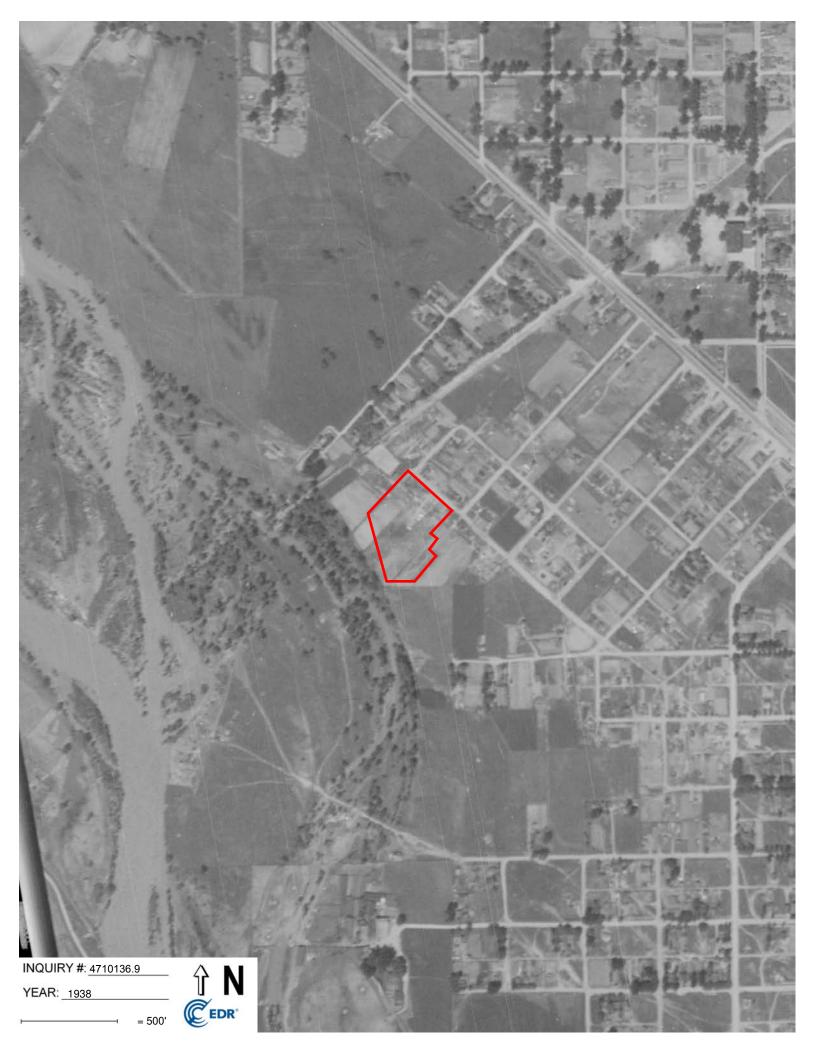


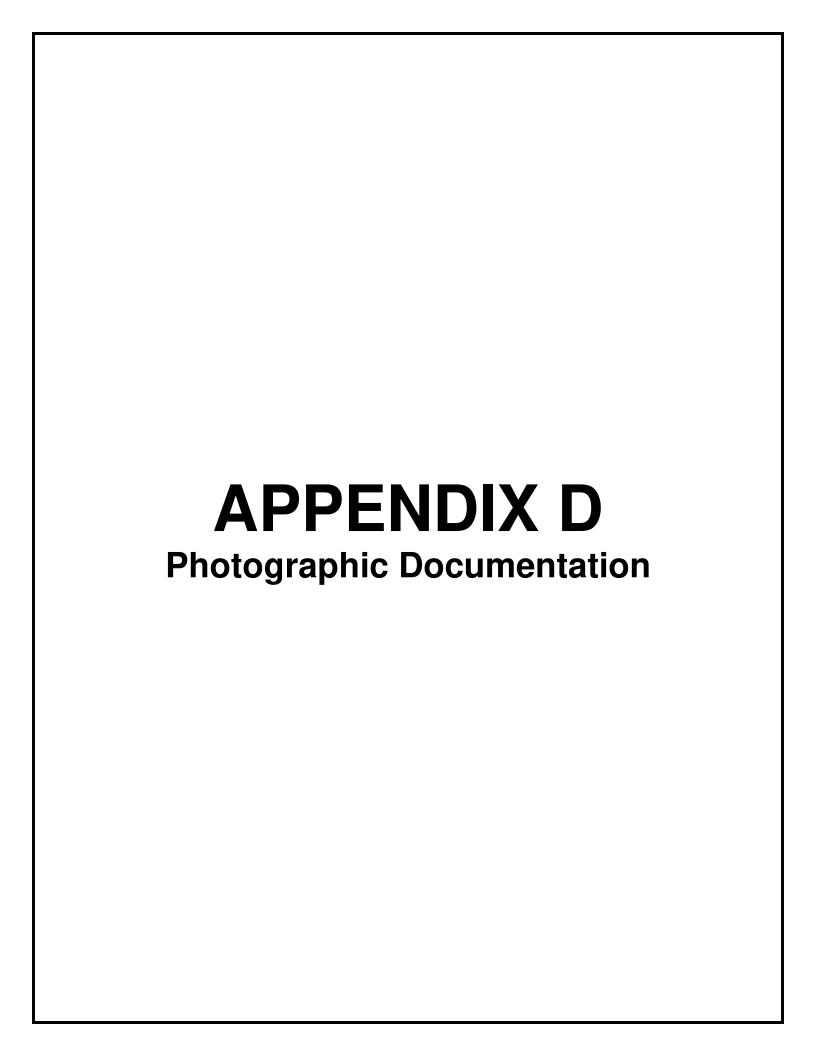














Photograph 1: View looking south across site from the northern site corner. West Moore Street is shown on the far left.



**Photograph 2**: Residence located adjacent to northwestern site boundary. View looking west from northern site corner.



**Photograph 3**: North 32<sup>nd</sup> Street from the northern site corner. View looking northeast.





**Photograph 4:** View looking southwest across site from the north-central site boundary.



**Photograph 5**: View looking west across site from the east-northeast site corner. West Moore Street is shown on the far right.



Photograph 6: Blackberry thicket observed along east-central boundary. View looking to the northeast.



Photograph 7: View looking west-northwest across site from the southeastern site boundary.



Photograph 8: View looking northeast across site from the southern site corner.



Photograph 9: Residential properties located adjacent to the east. View looking east from the southern site corner.



**Photograph 10:** North Whitewater Park Blvd. and Esther Simplot Park from the southern site corner. View looking to the southwest.



**Photograph 11:** North Whitewater Park Blvd. and Esther Simplot Park from the southern site corner. View looking to the west.



Photograph 12: View looking east across site from the western site boundary.



**Photograph 13:** View looking north-northeast across site from the western site boundary.



Photograph 14: View looking north at adjacent parcel from the western site corner. North Whitewater Park Blvd is on far left.



**Photograph 15:** View looking south-southwest from the northwestern site boundary. North Whitewater Park Blvd. and Esther Simplot Park are in far background.



Photograph 16: View looking east across site from the northwestern site boundary.



Photograph 17: View looking south-southwest across site from the site center.



**Photograph 18:** View looking north-northeast across site from the site center.



**Photograph 19:** Non-PCB labeled electrical transformer observed along the southeastern site boundary. View looking to the southeast. Staining was not observed on the transformer casing or on the ground beneath the transformer.



**Photograph 20:** Unlabeled electrical transformer observed near the north-center site area. View looking to the south. Staining was not observed on the transformer casing or on the ground beneath the transformer.





**Photograph 21:** Dead trees observed in the southwestern site area. Saplings and volunteer growth was observed at the base of the dead trees and in opens space around the trees.



**Photograph 22:** Household trash observed near the site center. View looking to the north.



Photograph 23: Dumped grass clippings observed along the northeastern site boundary. View looking to the southwest.





**Photograph 24:** Lawn debris (branches) and trash observed near the eastern site corner. Residences along W. Moore Street are in background. View looking to the east.



Photograph 25: Asphalt chunk observed in northeast portion of site.



**Photograph 26:** Fill dirt pile observed near eastern site corner. Pile was comprised of silty sand. Staining was not observed and odors were not noted in the soil pile. View looking to the south.



Photograph 27: Irrigation ditch which traverses the northern site portion. View looking to the northwest.





Photograph 28: Irrigation ditch which traverses northern site portion. View looking to the northeast.

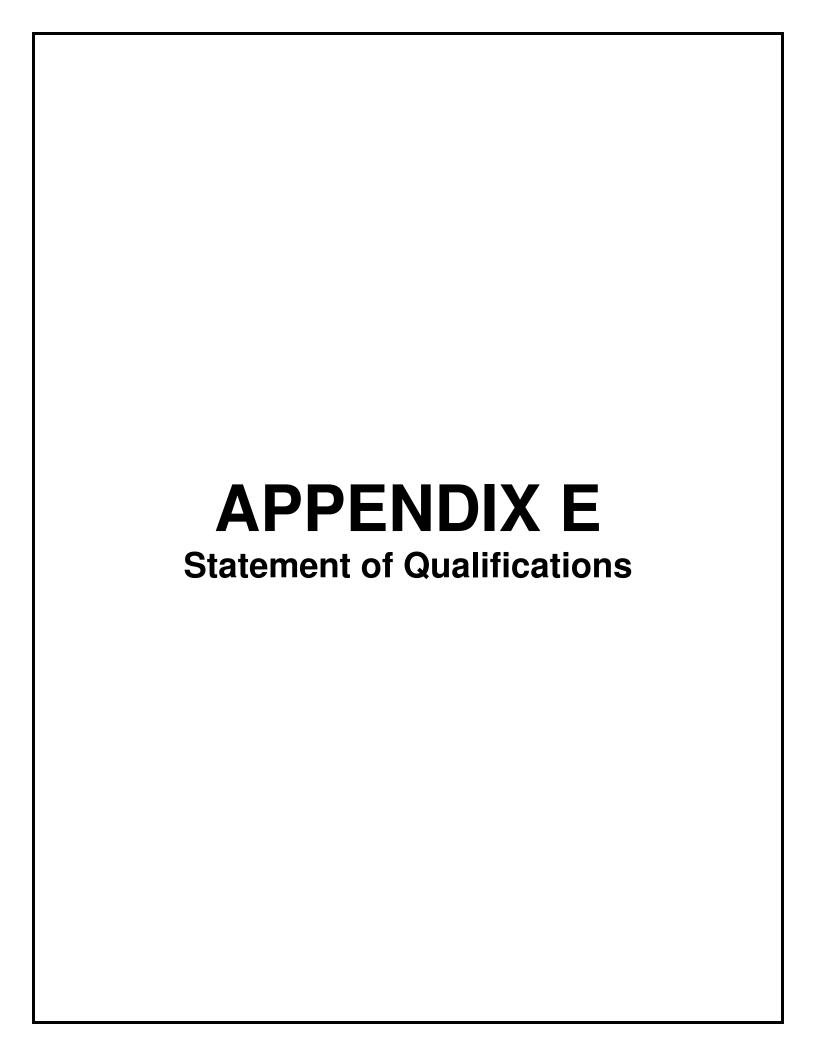


**Photograph 29:** Natural gas pipeline marker observed along N. Whitewater Park Blvd. Markings indicate the pipeline runs parallel to N. Whitewater Park Blvd. and does not traverse the site.





**Photograph 30:** Sanitary sewer manhole cover observed in the northwestern site area. City of Boise sewer line traverses the site from W. Moore Street southwest to N. Whitewater Park Blvd.



# MISSION STATEMENT

STRATA, A Professional Services Corporation, provides quality, timely and value-added services through our innovation, integrity, and professionalism. We recognize employees as our most valuable resource to achieve these goals and perpetuate our organization.

# COMPANY OVERVIEW



We appreciate the opportunity to present the qualifications of Strata, A Professional Services Corporation (STRATA). Our body of work includes providing geotechnical engineering, environmental consulting, laboratory testing, construction material testing and special inspection services throughout the intermountain west.



# FIRM HISTORY & CULTURE

STRATA grew from a testing and engineering partnership established in 1974. Since then, our company continues to flourish and expand professional services throughout the northwestern United States.

Boise, Idaho is home to STRATA's corporate office. Corporate leadership and our depth of resources supports regional office network throughout the intermountain west. Strategically located satellite facilities further expand professional alliances built on over three decades of client-focused service. Our success is based on three primary commitments:

- , ADD VALUE TO EACH PROJECT.
- , OFFER INNOVATIVE SOLUTIONS.
- , BUILD LONG-TERM RELATIONSHIPS.

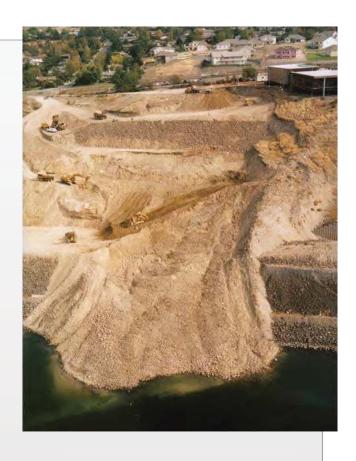


Clients are our priority deserving superior service, an essential tenet to STRATA's continued growth. We seek mutually enduring, strategic and beneficial teaming relationships with clients who rely on our services, share common goals and have compatible core values and culture.

# ENGINEERING INNOVATION

Our unique and innovative approaches emphasize adding value to each project. For example, conservative designs for earthwork, foundations and shoring can increase the project investment. However, our engineers - specialists in earth science - are able to offer cost-saving alternative solutions. Thorough testing and inspection is crucial to providing quality assurance and peace of mind. Our construction testing leaders take a proactive approach to meeting the needs of each unique project by offering flexible scheduling options, providing dedicated professionals and seeking efficient solutions to testing and inspection requirements.

We offer tailored applications of material and earth science to solve problems, often without prescriptive design or testing methodology.





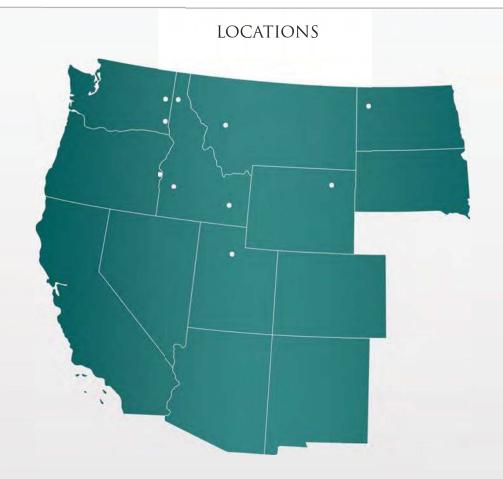
## REALIZED COST SAVINGS

Architects, engineers and officials for the City of Meridian, Washington State University, Verizon, Utah Department of Transportation, Utah Transit Authority, and Idaho Division of Public Works can attest to our innovative solutions for addressing unexpected challenges uncovered during construction. This distinctive ability to tailor testing and inspection methodology ably served the following projects:

- Smith Roof Snow Guard Load Testing
- FrontRunner South Subballast Compaction Requirements
- Compton Union Building Carbon Fiber and Anchorage Evaluation
- Meridian City Hall Forensic Evaluation
- Wygen Power Plants Pile Analysis & Reduction
- Moses Lake Skill Center Reclaimed Aggregate Pit Evaluation
- Kibbie Dome Translucent Panel Installation
- Guernsey Tunnel 70-degree Slope Stabilization
- Portneuf Medical Center Complex

[STRATA's] technical proficiency and proactive approach to coordinating with the architectural and structural team enabled them to develop the selected system to be sensitive to both the physical site constraints and the aesthetics of the new building, while meeting very challenging project budget constraints."

> Mr. Brent Harding, A.I.A. NAC Architecture



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GILLETTE. WY P.O. Box 4098 Gillette, WY 82717 Taunya Ernst, Area Manager ternst@stratageotech.com PH 307.686.6409 FX 307.686.6501

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WILLISTON, ND 13676 57th Street NW Williston, ND 58801 Jeremy Cox, Area Manager jcox@stratageotech.com PH 701.572.3324

## SATELLITE OPERATIONS

- · Ketchum, ID
- Twin Falls, ID
- Idaho Falls, ID
- Kennewick, WA





# CRISTINA BRISCHLER cbrischler@stratageotech.com



## PROJECT ASSIGNMENT: ENVIRONMENTAL DEPARTMENT MANAGER

Cristina brings 15 years of experience to the Boise Environmental Department. She has developed her skills to include project scope and budget development, organize work teams, and mentoring junior staff members on technical, project management, and professional development issues. Cristina is proficient in private, municipal, and state RFP development.

## PROFESSIONAL REGISTRATION AND AFFILIATIONS

U.S. EPA 29 CFR Part1910.120 Hazardous Waste Operations and Emergency Response (HAZWOPER)

Hazardous Materials Specialist Level

U.S. EPA 40 CFR Part 763 AHERA

Certified Building Inspector Certified Contractor Supervisor

Federal Emergency Management Agency (FEMA) Programs

Effective Communication
Emergency Response to Terrorism

OSHA Fall Protection Certification through 2013

#### **EDUCATION**

Master of Science, Environmental & Emergency Mgmt., 2005 Arizona State University Bachelor of Science, Environmental Science, 1997 University of Massachusetts, Amherst

## REPRESENTATIVE EXPERIENCE

Sampling and abatement oversight including asbestos-containing materials, lead, mold, and polychlorinated biphenyls (PCBs).

Remediation oversight activities including PCBs, potential hazardous waste sites, trenching, backhoe exploration, illegal dumping, and dry cleaning solvents, including Tetrachloroethylene (PCE), Trichloroethylene (TCE), and 1,2-Dichloroethane (DCE).

Air permitting for gas and diesel equipment including non-Title V permitting, emissions inventory, BTU, fuel consumption, duration of usage volume, and chemistry of emissions.

US Army Corps of Engineers (USACE) Environmental Protection Plan Development

Brownfields projects including Field Sampling Plans, Sampling and Analysis Plans, Quality Assurance Project Plans, and site-specific Health and Safety Plans.

Voluntary Remediation/ Cleanup Program (VRP or VCP) assist clients with program entry, development of site-specific remediation levels with the regulatory agency, remediation activities, and clean closure letter.

Hazardous Materials Management including collection, cataloguing, packaging, and arranging disposal.

Phase I, II, and III Environmental Site Assessments (ESAs).

Preparation of Spill Prevention Control and Countermeasures Plans (SPCC), Emergency Response Plans (ERP), and Storm Water Pollution Prevention Plans (SWPPP).

Air monitoring for a variety of air quality parameters and contaminants (indoor and exterior conditions)

Environmental and Occupational Health & Safety monitoring, including noise monitoring and indoor air quality assessments.

Groundwater well closures, drywell investigations, and clean closures.



# ANDREW P. PROVANT, P.G., R.G., C.E.M.

aprovant@stratageotech.com



# PROJECT ASSIGNMENT: ENVIRONMENTAL PROJECT MANAGER

Andrew has over 17 years' experience in the environmental, geology, and hydrogeology disciplines. His experience includes project management, technical studies, field support, and remediation. He has performed all phases of environmental investigations including: soil and water sampling, excavation and trenching supervision, test pit excavation, boring and monitoring well installation, soil vapor sampling, and interpretation of field and analytical data. His experience also includes the Risk Evaluation Manual (REM) processes for petroleum releases. He regularly performs Phase I and II Environmental Site Assessments (ESAs) for residential, commercial, industrial, and brownfield properties. He is a certified AHERA Building Inspector and received training in wetlands delineation.

## PROFESSIONAL REGISTRATION AND AFFILIATIONS

#### **Professional Geologist**

Idaho (No. 1026) Oregon (No. G2279) Utah (No. 8062979-2250)

Certified Environmental Manager

Nevada (No. EM-1862)

Occupational Safety and Health Administration (OSHA)

40-Hour HAZWOPER 8-Hour HAZWOPER 30-Hour OSHA Construction Safety and Health Asbestos Hazards Emergency Response Act (AHERA)

**Building Inspector** 

**United States Army Corps of Engineers** 

Section 307(e) Wetlands Arid West Supplement USACE 1987 Manual

**OSHA** Fall Protection

### **EDUCATION**

Master of Science - Geology, 1995 Bachelor of Science - Geology, 1990

University of Idaho University of Idaho

#### REPRESENTATIVE EXPERIENCE

# Phase I/II/III Environmental Site Assessments

Mr. Provant is a qualified Environmental Professional who has performed Phase I/II and III ESAs for commercial entities and government agencies in Idaho and throughout the Pacific Northwest including California, Oregon, Montana, Nevada, Utah, and Washington. Phase II ESA projects have involved soil, soil vapor, ambient air, surface water, and groundwater sampling; installation of soil vapor, sub-slab vapor points, and monitoring wells. Phase III ESA projects include the design, installation, and operation of air sparge/soil vapor extraction (AS/SVE) systems, AS/SVE with ozone-injection systems, oxidizing chemical subsurface injection, and dig and haul operations. Used membrane interface probe technology to delineate hydrocarbon and chlorinated solvvent plumes.

#### **Asbestos and Lead Based Paint Surveys**

Mr. Provant is an AHERA-certified Building Inspector and has managed and performed renovation and pre-demolition asbestos inspections and lead based paint surveys on residential, commercial, and industrial properties.

#### **EPA Brownfields**

Mr. Provant has been the Project Manager or provided technical assistance on Idaho DEQ Brownfields and EPA Brownfields investigations.

#### **Groundwater Surveys**

Project Manager for monthly groundwater level surveys throughout southern and southwestern Idaho for the Idaho Department of Water Resources. Data submitted for use in regional groundwater modeling program.