191 NORTH
Environmental Consulting

Caine Center

1020 E. Homedale,
16569 S. 10th Avenue,
& NKA 10th &
Homedale,
Caldwell, Idaho
83607

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Prepared For:
Idaho Department of Lands
300 N. 6th Street
Boise, Idaho
83720

Project Number:
2017-170029

Report Date:
July 20, 2017

Prepared By:
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118 N. 7th Street, Suite C4
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191 NORTH
Environmental Consulting

August 22, 2017
2017-170029

Mr. Josh Purkiss
Idaho Department of Lands
300 N. 6th St.
Boise, Idaho 83720
E: jpurkiss@idl.idaho.gov
P: 208-334-0257

Subject: **Phase I Environmental Site Assessment**
Caine Center
1020 E. Homedale, 16569 S. 10th Ave., & NKA 10th and Homedale
Caldwell, Idaho 83607

Dear Mr. Purkiss,

191 North, LLC (191 North) is pleased to provide the results of the Phase I Environmental Site Assessment (ESA) report for the above-referenced location (Site). This assessment was performed in general conformance with the scope and limitations as detailed in the ASTM Practice E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

We appreciate the opportunity to perform these environmental services for you. Please contact us if you have questions regarding the report, or if we can provide any other services.

Sincerely,

191 North, LLC

Seth A. Brundige, P.G. (Idaho)
Regional Manager

EXECUTIVE SUMMARY

191 North, LLC (191 North) was retained by the Idaho Department of Lands to perform a Phase I Environmental Site Assessment (ESA), in general conformance with the scope and limitations of ASTM Practice E 1527-13, for the property located at 1020 E. Homedale, 16569 S. 10th Ave., and NKA 10th and Homedale in Caldwell, Idaho, Canyon County parcel numbers 32721000 0, 32678000 0, and 32720000 0 respectively (the "Site"). This report must be read in its entirety to fully understand the findings, conclusions and opinions of this report.

Property Description

The Site consists multiple buildings, sheds, residences, and lean-to's that are presently vacant, except for the Fish & Game facility buildings located at the southeast portion of 16569 S. 10th Avenue. The Site is located within a mixed-use area of Caldwell, Canyon County, Idaho. Please refer to the table below for further description of the Site:

Site Data

Location: 1020 E. Homedale, 16569 S. 10th Ave., and NKA 10th and Homedale in Caldwell, Idaho

Historical Addresses: N/A

Current Site Use: Fish and Game offices/facility on southern portion of 16569 S. 10th Ave., other buildings on Site reported as vacant July 20, 2017.

Land Acreage: 320

Number of Buildings: 24 (including walled sheds)

County Assessor's Parcel Numbers: 32721000 0, 32678000 0, and 32720000 0 respectively

Site Assessment Personnel: Mr. Seth Brundige

Site Assessment Conducted On: June 19, 2017

According to available historical sources, the Site was formerly: agriculture land, wild animal containment, feed lot, dairy farm, University of Idaho veterinary school-lab-offices.

The adjacent surrounding properties consist of: North- residential land, East- residential land with small retail building on north portion, South- agriculture land, storage sheds, and Vallivue Middle School, West- residence and agriculture land.

Findings

191 North did not identify a REC during the course of this assessment. A *recognized environmental condition* (REC) refers to 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 minimus* conditions do not constitute a REC.

191 North did not identify a CREC during the course of this assessment. A *controlled recognized environmental condition* (CREC) refers to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

191 North identified a HREC during the course of this assessment. A *historical recognized environmental condition* (HREC) refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.

The following HREC was identified during the course of this assessment:

- The HREC identified consisted of USTs and a LUST event where the USTs were removed in 1997/1998, and the LUST event assessed with limited remediation. The IDEQ issued a letter stating no additional investigation/remediation required and closed the investigation.

Other sources of potential environmental impact/concern were identified by 191 North. These potential sources do not qualify as RECs; however, warrant further discussion. The following was identified during the course of this assessment:

- The EPA reports that Canyon County is in a moderate-risk area for radon.

Conclusions, Opinions and Recommendations

191 North has performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM Practice E1527-13 of the Caine Center located at 1020 E. Homedale, 16569 S. 10th Ave., and NKA 10th and Homedale in Caldwell, Idaho, Canyon County parcel numbers 32721000 0, 32678000 0, and 32720000 0 respectively. Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has not revealed evidence of RECs or CRECs in connection with the Site, and it is 191 North's opinion that additional investigation does not appear warranted at this time. The HREC identified does not appear to constitute a REC to the Site at this time, and additional investigation does not appear warranted at this time.

- The EPA reports that Canyon County is in a moderate-risk area for radon. We recommend that consideration be given to radon mitigation for planned structures on the Site.

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1 INTRODUCTION

191 North, LLC (191 North) has performed this Phase I Environmental Site Assessment (ESA) in general conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property located at 1020 E. Homedale, 16569 S. 10th Ave., and NKA 10th and Homedale in Caldwell, Idaho, Canyon County parcel numbers 32721000 0, 32678000 0, and 32720000 0 respectively (the "Site"). Any exceptions to, or deletions from, this scope of work are described in the body of this report.

1.1 Purpose

The purpose of this ESA was to assess the potential existence of petroleum products or hazardous materials on the Site or adjoining properties in general accordance with American Society for Testing and Materials (ASTM) E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

This ESA was performed to permit the *User* to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) liability (hereinafter, the "*landowner liability protections*," or "*LLPs*"). ASTM Standard E1527-13 constitutes "*all appropriate inquiry* into the previous ownership and uses of the *property* consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B).

- As defined by ASTM E1527-13: "*User*—the party seeking to use Practice E1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The user has specific obligations for completing a successful application of this practice."

1.2 Scope of Work

The scope of work for this ESA is in general accordance with the requirements of ASTM Standard E1527-13. This assessment included a Site and adjacent property reconnaissance, interviews with key personnel, a review of historical sources, a review of regulatory agency records, and a review of a regulatory database report provided by a third-party vendor. Local

agencies, such as environmental health departments, fire departments and building departments were contacted in order to determine any current and/or former hazardous substances usage, storage and/or releases of hazardous substances on the Site.

Additional non- ASTM E1527-13 services were not requested by the client.

1.3 Limitations

The findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the Scope of Work noted above. These methodologies are a utilized as a good commercial and customary practice for conducting an ESA of a Site for the purpose of identifying recognized environmental conditions (RECs). Even with the proper application of these methodologies there may exist on the Site conditions that could not be identified within the scope of the assessment or which were not reasonably observable or identifiable from the Site reconnaissance and available information. Information obtained for this ESA was received from several sources that we believe to be reliable; nonetheless, the authenticity or reliability of these sources cannot and is not warranted hereunder. The conclusions and findings of this report are strictly limited in time and scope to the date the information was obtained. The conclusions presented in the report are based solely on the services described therein. No other warranties are implied or expressed.

Some of the information provided in this report is based on or collected from personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This report is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those individuals contacted.

Indicators of/to the presence of hazardous substances or petroleum products may have been latent, inaccessible, unobservable, or not present during the Site reconnaissance and may subsequently become observable (such as after Site renovation or development). The Site reconnaissance was conducted on June 19, 2017 to document the existing conditions of the Site.

This practice does not address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provisions of the LLPs. Further, this report does not intend to address all of the safety concerns, if any, associated with the Site.

1.4 User Reliance

This report is for the sole use, reliance and benefit of the Idaho Department of Lands and it's contractors, the State of Idaho and the Land Board, and the University of Idaho. This report shall not be relied upon by or transferred to any other party without the express written authorization of 191 North and the Idaho Department of Lands. Third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written reliance agreement with 191 North granting such rights, no third parties shall have any rights of recourse or recovery whatsoever under any course of action against 191 North, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be held responsible to protect, indemnify and hold 191 North, the Idaho Department of Lands and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such use. Unauthorized use of this report shall constitute acceptance of, and commitment to, these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

This report has been completed under specific Terms and Conditions relating to scope, relying parties, limitations of liability, indemnification, dispute resolution, and other factors relevant to any reliance on this report. Any parties relying on this report do so having accepted the Terms and Conditions for which this report was completed.

This report will be available to the public. However, continued viability of this report is subject to ASTM E1527-13 Sections 4.6 and 4.8. If the ESA will be used by a different user (third party) than the user for whom the ESA was originally prepared, the third party must also satisfy the user's responsibilities in Section 6 of ASTM E1527-13.

1.5 Limiting Conditions

The findings and conclusions contain all of the limitations inherent in these methodologies that are referred to in ASTM E1527-13.

Specific limitations and exceptions to this ESA are more specifically set forth below:

- Data Failure: A former owner or tenant was not available for an interview at the issuance of this report. This data failure is not expected to alter the findings of this report.
- Data Failure: City directories were not available in 5-year increments. This data failure is not expected to alter the findings of this report.
- Data Failure: At the issuance of this report, 191 North has not received all public records request responses. This data failure is not expected to alter the findings of this report.

2 SITE DESCRIPTION / PHYSICAL SETTING

2.1 Site Location and Legal Description

The Site is located at 1020 E. Homedale, 16569 S. 10th Ave., and NKA 10th and Homedale in Caldwell, Idaho, Canyon County parcel numbers 32721000 0, 32678000 0, and 32720000 0 respectively.

The general location of the Site is depicted on the Site Vicinity Map (Figure A-1) in Appendix A: Site Diagram (Figure A-2). Site Photographs for the Site and adjacent properties are also located in Appendix A.

2.2 Current Property Use

The Site is currently occupied by agriculture land and vacant buildings (formerly University of Idaho buildings) and a Fish & Game facility located at the southeast portion of 16569 S. 10th Avenue. The Fish & Game facility has an office building and associated sheds/storage buildings, and multiple fenced areas for wild animals (vacant at the time of the Site reconnaissance).

The Site was identified in the regulatory database report provided by Environmental Data Resources Inc. (EDR) on June 16, 2017, and is discussed in Section 4.2.

2.3 Current Use of Adjacent Properties

The Site is located within a mixed-use area of Caldwell, Canyon County. The following land use(s) were observed on the adjoining properties of the Site.

Location	Observed Use
North	Residential land and a power sub-station.
East	Residential land and a small commercial retail strip mall on north portion.
South	Agriculture land, Vallivue Middle School, storage sheds.
West	Agriculture land, residence.

2.4 Physical Setting Sources

PHYSICAL SETTING INFORMATION FOR SITE AND SURROUNDING AREA		SOURCE
Topography (Refer to Appendix A for an excerpt of the Topographic Map)		
Site Elevation	Approximately 2,500-feet (MSL).	USGS Topographic Map, Lake Lowell Quadrangle, Idaho Dated 2013.
Surface Runoff / Topographic Gradient	North / North	
Closest Surface Water / Direction	Irrigation ditches/canals on the Site.	

Soil Characteristics		
Soil Type / Name	Elijah-Chilcott silt loams, Power Purdam silt loams, Vickery-Marsing silt loams.	USDA Natural Resources Conservation Services Soil Survey Website 2017
Description	Elijah-Chilcott- silt loam to very gravelly sand, well drained, very low to moderately low capacity to transmit water, very low to low available water storage. Power- Silt loam, well drained, moderately high capacity to transmit water, high available water storage. Purdam- Silt loam to stratified very gravelly sand to loam, well drained, very low to moderately low capacity to transmit water, low available water storage. Vickery- Silt loam to coarse sand, well drained, very low to moderately low capacity to transmit water, moderate available water storage. Marsing- Silt loam to gravelly coarse sand, well drained, moderately high to high capacity to drain water, low available water storage.	

Geology/Hydrogeology		
Formation	Glenns Ferry Formation – Tenmile Gravel	Idaho Geological Survey, Geologic Map of the Boise Valley and Adjoining Area, Western Snake River Plane, Idaho, Dated 1992.
Description	Glenns Ferry - Greenish gray poorly consolidated siltstone and fine sandstone. Tenmile – Sandy pebble and cobble gravel grading westward to sandy pebble gravel and pebbly sand at depth (south-central portion of Site).	
Estimated Depth to First Occurrence of Ground water	Approximately 40-feet or greater below ground surface at the Site.	Idaho Department of Water Resources, Website Well Logs, 2017
*Hydrogeologic Gradient	Not known - may be inferred to be parallel to topographic gradient (primarily to the west/northwest). * The groundwater flow direction and the depth to shallow, unconfined groundwater, if present, would likely vary depending upon seasonal variations in rainfall and other hydrogeological features. Without the benefit of on-Site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the Site cannot be directly ascertained.	

3 HISTORICAL INFORMATION

3.1 Aerial Photograph Review

Selected available aerial photographs of the Site and surrounding area from EDR and/or the United States Geologic Survey (USGS) were reviewed at approximately 10-15-year intervals.

The following observations were noted to be visible on the Site and adjacent properties during the aerial photograph review. Historic aerial photographs of Site are included in Appendix B.

Location	Apparent Use / Description
Site	West ½ 1954- Agriculture land, quarry approximately at present day Fish & Game facility (southeast portion), appears to be feed-lot setting on northeast portion of 16956 S. 10th with four buildings south of Deer Flat Canal. East ½ 1954- Agriculture land, northwest portion appears to have one building south of Deer Flat Canal and at least five buildings/sheds north of the canal, northeast portion appears to be timber/brush on north side of Phyllis Canal. West ½ 1971- Agriculture land, appears to be present day buildings at southeast portion, appears to be feed-lot setting on northeast portion of 16956 S. 10th with four buildings south of Deer Flat Canal. East ½ 1971- Agriculture land, northwest portion appears to have at least five buildings/sheds north of Deer Flat Canal. West ½ 1981- Agriculture land, appears to be present day buildings at southeast portion (Fish & Game facility), appears to be feed-lot setting on northeast portion of 16956 S. 10th with four present day buildings south of Deer Flat Canal. East ½ 1981-2011 - Agriculture land, northwest portion appears to have present day eight buildings/sheds north of Deer Flat Canal, one building south of Deer Flat Canal, northeast portion appears to have present day buildings (two buildings, one garage) and increasing lean-to structures with time.

Location	Apparent Use / Description
Site	West ½ 1987-1998 - Agriculture land, appears to be present day buildings at southeast portion (Fish & Game facility), appears to be feed-lot setting on northeast portion of 16956 S. 10th with four present day buildings south of Deer Flat Canal, and two residential type buildings on north side of Deer Flat Canal. West ½ 2006-2011 - Agriculture land, appears to be present day buildings at southeast portion (Fish & Game facility), northeast feed-lot portion appears vacant, four present day buildings south of Deer Flat Canal, and two residential type buildings on north side of Deer Flat Canal.
North	Agriculture land and three residences (1954-1971); Agriculture land and six residences (1981-1987
East	Agriculture land (1954); Agriculture land, two buildings on southern portion (1971-1987
South	Agriculture land (1954); Agriculture land, appears to be present day school building, two buildings on west side of 10th (1971); Appears to be similar to present day settings; agriculture land, three buildings on west side of 10th Ave., school buildings on east side of 10th Ave. (1981-2011).
West	Agriculture land and one residence (1954-2011).

3.2 City Directories

Historical city directories obtained from Environmental Data Resources (EDR) for past names and businesses that were listed for the Site and adjacent properties. Published directories reviewed for the Site include Polk's City Directory and Cole Information Services. The listings are presented in approximately five-year intervals (if readily available) in the following table. The Site appears to have been located outside of city directory coverage prior to 1987. The available directories are included in Appendix B.

Location	Listing
Site	**1020 E. Homedale:** Not listed (1987); University of Idaho Caine Center (1992-2013). **16569/16952 S. 10th Ave:** Not listed (1987); SW Idaho Research (1992-1999); University of Idaho, Idaho Fish & Game (2003-2008); Not listed (2013).
North	Residential listings.
East	Residential listings.
South	**16412 S. 10th Ave.:** Not listed (1987-1992); Vallivue school (1995-2013).
West	**509 W. Homedale:** Not listed (1987-2013).

3.3 Fire Insurance Maps

EDR did not have Sanborn maps available for review for the Site. A copy of the Sanborn letter stating the Site is "Unmapped Property" is included in Appendix B.

3.4 Topographic Maps

Historical topographic maps obtained from EDR and/or the USGS were reviewed for then Site and surrounding areas. The available historic topographic maps are included in Appendix B.

- Lake Lowell Quadrangle, Idaho, published 1958, 1971 and 2013 (1:24,000)
- Nampa Quadrangle, Idaho, published 1898 and 1903 (1:125,000)

Location	Mapping
Site	Vacant land (1898-1903); Five buildings labeled "University of Idaho Agricultural Experimental Sta.", gravel pit labeled on southeast portion of west ½ of Site (1958-1971); Appears to be present day buildings/settings (2013).
North	Vacant land (1898-1903); Vacant land and three buildings (1958-1971); Appears to be present day buildings/settings (2013).
East	Vacant land (1898-1971); Appears to be present day buildings/settings (2013).
South	Vacant land (1898-1958); Vacant land and four buildings including apparent school (1971); Appears to be present day buildings/settings (2013).
West	Vacant land (1898-1903); Vacant land and one building on northern portion (1958-1971); Appears to be present day building/ settings (2013).

4 REGULATORY RECORDS REVIEW

4.1 Regulatory Agencies

Idaho Department of Environmental Quality (IDEQ)

The IDEQ records were reviewed on July 18, 2017, and documents in connection to 16569 S. 10th Ave. and underground storage tanks were identified.

In 1997, a 500-gallon gasoline UST was decommissioned, and was noted having a petroleum release. Twenty yards of soil were removed at that time, and a soil boring was advanced to 47' below ground surface with chemicals of concern identified at that depth.

In 1998, EviroSearch International completed a "Tank Closure Environmental Assessment" for two USTs and associated piping (not the 1997 500-gallon UST). The two USTs decommissioned in July 1998 consisted to a 1,000-gallon diesel UST and a 500-gallon gasoline UST. Soil analysis conducted during the assessment yielded detected levels of benzene and phenanthrene, with benzene concentration of 0.080mg/kg being above the Tier 0 cleanup level. The assessment concluded stating the two tanks decommissioned are suitable for closure, however, also stated that volatilization to indoor air is a complete pathway, though lack of prolonged exposure to vapors should prevent significant impact on human health.

In 1999, EnviroSearch International completed a "Preliminary Release Assessment Report" for a 500-gallon UST decommissioning that had occurred February, 1997. The 1999 report concluded the vertical extent of methyl-tert butyl ether (MTBE) should be further assessed, as well as installing a groundwater monitoring well to determine if groundwater is impacted.

In 2000, Maxim Technologies, Inc. completed a Tier 2 Risk Based Assessment in connection to the UST removed in 1997 (noted above). The assessment concluded stating contaminants of concern were below Tier 2 levels for viable pathways (soil and groundwater), and the Site suitable for closure without additional activities. The report stated soil volatilization to indoor air was not considered due to the only building in proximity was an infrequently used storage shed.

May 15, 2000, Mr. Mark Van Kleek with the Idaho Division of Environmental Quality issued a letter stating the reports/data submitted by EnviroSearch and Maxim Technologies were

reviewed, and the Site suitable for closure without additional remediation, and the USTs decommissioned as officially closed (Appendix B). This constitutes a historic recognized environmental condition HREC to the Site.

Building/Planning/Zoning Departments

The Canyon County Building/Planning/Zoning Departments were contacted via public records request regarding environmental records for the Site. A response had not been received from the Building, Planning or Zoning Departments at the issuance of this report.

Health District

The Southwest Health District was contacted via public records request regarding environmental records for the Site. A response was received on July 11, 2017 from the record custodian stating records of environmental concern were not identified in connection to 16569 S. 10th Ave., and records for 1020 E. Homedale consisted of septic tank permitting for the two septic systems on-Site, and did not include violations.

Fire Department

The Caldwell Department was contacted via public records request regarding environmental records for the Site. A response had not been received from Fire Department at the issuance of this report.

4.2 Regulatory Records Review

Information from standard state/tribal and federal environmental record sources was provided through EDR. Data from governmental agency lists are updated and integrated into one database, which is updated as these data are released.

Government agency sources provide information that is publicly available, is obtainable and is in a form that yields information relevant to the Site. Information obtained from non-governmental sources may be considered current if the source updates the information at least every 90 days or within 90 days of the date the government agency makes the information available to the public. The EDR report contains the most current updates of databases as of the date the report was provided to 191 North on June 16, 2017.

This integrated database also contains enhanced address matching which allows records from one government source to be compared with other records from another source to clarify any address ambiguities. The information available provides assistance in identifying and managing risk. Reported regulatory locations accuracy is approximately +/-300 feet. Regulatory information from the following database sources regarding possible RECs, within the ASTM minimum search distance from the Site boundaries, was reviewed. Facilities are discussed below if determined likely that a potential REC has resulted at the Site from the listed facilities. The EDR Report is located in Appendix C.

Database	Search Radius (mile)	Site	Adjacent Properties	Sites of Concern
Federal NPL site list	1.0	N	N	N
Federal delisted NPL site list	0.5	N	N	N
Federal CERCLIS list	0.5	N	N	N
Federal CERCLIS NFRAP site list	0.5	N	N	N
Federal RCRA CORRACTS facilities list	1.0	N	N	N
Federal CRCRA non-CORRACTS TSD facilities list	0.5	N	N	N
Federal RCRA generators list (RCRA-LQG / SQG / CESQG)	Site and adjoining properties	Y	N	N
Federal institutional control/engineering control registries (IC/EC)	Site	N	N	N
Federal ERNS list.	Site	N	N	N
State/Tribal Equivalent NPL	1.0	N	N	N

Database	Search Radius (mile)	Site	Adjacent Properties	Sites of Concern
State/Tribal Equivalent CERCLIS	0.5	N	N	N
State/Tribal landfill or solid waste disposal (SWF/LF)	0.5	N	N	N
State/Tribal leaking storage tank lists (LUST/LAST)	0.5	Y	N	N
State/Tribal registered storage tank lists (UST/AST)	Site and adjoining properties	Y	Y(1)	N
State/Tribal institutional control/engineering control registries (IC/EC)	Site and adjoining properties	N	N	N
State/Tribal voluntary cleanup sites (VCP)	0.5	N	N	N
State/Tribal Brownfields site	0.5	N	N	N

4.2.1 Site Listings

The Site was identified in the database report with FINDS, ALLSITES, RCRA-CESQG, ECHO, LUST, UST, SPILLS, and RCRA NonGen/NLR listings. The Site was listed with ALLSITES and RCRA-CESQG, as the University lab located at 1020 E. Homedale utilized chemical compounds (some hazardous) at the educational research facility. Violations were not identified in connection to this listing. The Site was also listed with SPILLS, LUST, UST, and ALLSITES, in connection to three USTs that had an associated release identified/reported in 1998, and subsequent Site Cleanup Completed listed as May of 2000. The UST/SPILLS/LUST are discussed further in Section 4.1 above. Other violations were not listed in the regulatory database report.

4.2.2 Adjacent Property Listings

The adjacent property to the south was identified in the regulatory database report, as discussed below:

- The property was identified as Vallivue School District, located at 16412 S. 10th Ave. The facility is listed to have had an UST that is listed as closed in 1998. Listings pertaining to any spills or releases of hazardous substances were not listed at this site. Based on regulatory status and redevelopment of this site, these listings are not expected to represent a significant environmental concern and it is unlikely that a regulatory file review for this site would alter the findings of this assessment.

4.2.3 Sites of Concern Listings

Sites of concern were not identified in the regulatory database report.

The remaining facility listings do not appear to constitute REC(s) to the Site at this time based upon regulatory status, apparent topographic gradient, and/or relative distance from the Site.

4.2.4 Orphan Listings

The regulatory database report in Appendix C does not list orphan Sites. These are Sites that are un-mappable due to poor or inadequate address information. A copy of the regulatory database report is included in Appendix C of this report.

5 USER PROVIDED INFORMATION AND INTERVIEWS

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 *Brownfields Amendments*), the *User* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The *User* should provide the following information to the *environmental professional*. Failure to provide this information could result in a determination that *all appropriate inquiries* is not complete. The *User* was requested to provide information or knowledge of the following:

- Review Title and Judicial Records for Environmental Liens or Activity and Use Limitations (AULs)

- Specialized Knowledge or Experience of the *User*
- Actual Knowledge of the *User*
- Reason for Significantly Lower Purchase Price
- Commonly Known or *Reasonably Ascertainable* information
- Degree of Obviousness of Potential Environmental Conditions/Concerns
- Reason for Preparation of this Phase I ESA

Fulfillment of these user responsibilities is key to qualification for the identified defenses to CERCLA liability. 191 North requested our Client to provide information to satisfy the User Responsibilities as identified in Section 6 of the ASTM guidance.

Pursuant to ASTM E1527-13, 191 North requested the following site information from the Idaho Department of Lands (*User* of this report). Requested information and *user* responses area as follow:

5.1 Interviews

5.1.1 Interview with Current Owner

The State of Idaho has been the owner of the Site since 1905 (original land grant to the University of Idaho by the U.S. Congress in 1905). Mr. Gerard Billington with the University of Idaho was not aware of environmental liens, activity use limitations, or items of environmental concern on the Site or adjoining properties. The University of Idaho has had environmental clean-up(s) in relation to former USTs, and are discussed in Sections 4.1 and 4.2 above. The Caine Center had a scrapie (fatal, degenerative disease affecting the central nervous system of sheep and goats) facilities cleanup and subsequent completed cleanup report dated May 8, 2017, stating the scrapie clean-up goals and plans had been accomplished.

5.1.2 Interview with Report User

Please refer to Section 5.2 below for information requested from the Report *User*.

5.1.3 Interview with Key Site Manager

Mr. James England and Ms. Sharon Melson are the remaining key personnel for the Caine Center, and had the same knowledge as noted in Section 5.1.1 above.

Ms. Trisha Heddon was identified as a key contact for the Fish & Game facility on 10th Ave, and was not available to be interviewed.

5.1.4 Interviews with Past Owners, Operators and Occupants

Interviews with past owners, operators and occupants were not conducted since information regarding the potential for contamination at the Site was obtained from other sources.

5.1.5 Interview with Others

As the Site is not an abandoned property as defined in ASTM 1527-13, interview with others were not performed.

5.2 User Provided Information

5.2.1 Title Records, Environmental Liens, and AULs

Environmental liens and AULs were / were not identified for the Site. In addition, 191 North was not informed by the Idaho Department of Lands (*User)* of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the Site and/or have been filed or recorded in a registry under federal, tribal, state or local law. 191 North was not contracted by the client to perform a title, environmental liens, or AUL search, and understands this is being conducted outside of this assessment.

5.2.2 Specialized Knowledge

The *User* had specialized knowledge of environmental conditions associated with the Site at the time of the assessment, and is discussed in Sections of 5.1 above.

5.2.3 Actual Knowledge of the User

The *User* did not have actual knowledge of any environmental lien or AULs encumbering the Site or in connection with the Site at the time of the assessment.

5.2.4 Valuation Reduction for Environmental Issues

The *User* did not have knowledge of valuation reductions associated with the Site at the time of the assessment, as the land is proposed for auction.

5.2.5 Commonly Known or Reasonably Ascertainable Information

The *User* provided information that is commonly known or reasonably ascertainable within the local community about the Site at the time of the assessment, and discussed in Sections 4.1 and 5.1.1 above.

5.2.6 Previous Reports and Other Provided Documentation

Prior assessment reports of the Site were provided by the client, and discussed in Sections 4.1 and 5.1.1 above.

6 SITE RECONNAISSANCE

The weather at the time of the site visit was sunny and ± 95^0. Refer to Section 1.5 for limitations encountered during the field reconnaissance and Sections 2.1 and 2.2 for Site location and operations. The site assessment was performed by Mr. Seth Brundige on June 19, 2017, accompanied by Dr. James England and Ms. Sharon Melson at the Caine Center, and unaccompanied for the remainder of the Site. Information contained in this section are based on the visual reconnaissance conducted while walking through the Site, and into the accessible areas of the structures located at the Site.

Environmental concerns were not identified during the on-Site reconnaissance.

6.1 General Site Characteristics - Potential Environmental Hazards/Concerns

6.1.1 Solid Waste Disposal

Trash and debris were observed at the north central portion of the Site (developed areas on east and west side of 10^{th} Avenue) during the Site reconnaissance. The trash and debris appeared to originate from the deterioration of the Site buildings (building components, concrete, etc.), as well as generic waste/debris (hundreds of tires, old grain sacks, previous

site development use waste consisting of but not limited to: books, boxes, desks, office and laboratory supplies, etc.). Leakage, spills or other releases from these materials were not observed during the visual reconnaissance. The debris materials did not appear to be hazardous in nature, however, may require a lead based paint and/or an asbestos survey for disposal, and should be removed and disposed in accordance with local and state regulations.

Two solid waste disposal dumpsters, serviced by Republic Services, were observed on the south side of the Caine Center at the Site. Evidence of staining, noxious odors or hazardous waste disposal were not observed within or in the vicinity of the on-Site dumpsters.

An incinerator was observed at the Fish and Game location (east side of office) and at the 1020 E. Homedale Caine Center location (east side of main building). Incinerator was reportedly used for disposal of animal remains or waste chemicals/fluids.

Evidence of illegal dumping of solid waste was not observed.

6.1.2 Sewage Discharge and Disposal

Sanitary discharges on the Site are directed into two septic systems at the Caine Center at 1020 E. Homedale, and anticipated to be directed to septic systems for the Fish & Game facility as well as the developed areas at 10th and Homedale. Septic system for the Caine Center is discussed further in Section 6.1.7 below.

6.1.3 Surface Water Drainage

Stormwater is removed from the Site primarily by sheet flow action across the paved surfaces towards natural infiltration areas.

The Site is not a designated wetland area, based on information obtained from the United States Fish & Wildlife Service. Surface impoundments, wetlands, natural catch basins, settling ponds, or lagoons were not observed on the Site.

6.1.4 Source of Heating and Cooling

The buildings are heated/cooled via electric and/or natural gas units.

6.1.5 Wells and Cisterns

Evidence cisterns were not observed during the site reconnaissance. Wells were observed at the Caine Center, the Fish & Game Facility, and at the former developed areas at 10th and Homedale. Available well logs from the Idaho Department of Water Resources are located in Appendix B.

6.1.6 Wastewater

Domestic wastewater generated at the Site is disposed by means of the on-Site septic systems.

6.1.7 Septic Systems

Septic systems were reported for the Caine Center. There are two septic systems reported for the Caine Center by the Southwest Health District, which were noted as non-conforming due to the excessive depth. Violations were not noted in connection to the septic systems. The other developed areas did not have record of septic systems, though, are anticipated to have septic systems.

6.1.8 Air Compressors

Air compressors were observed at the Caine Center. Surficial staining or releases were not observed on, or in the vicinity of, the air compressors at the time of the visual reconnaissance.

6.1.9 Additional Site Observations

Evidence of spills or leaks of petroleum, or odors were not observed on or adjacent to the Site.

6.1.10 Hazardous Substances and Petroleum Products Used or Stored at the Site

Hazardous substances or petroleum products were observed on the Site during the site reconnaissance, consisting of automotive fluids that were located in the garage at 1020 E. Homedale at the Caine Center. Surficial staining or releases were not observed on, or in the vicinity of, the petroleum products at the time of the visual reconnaissance.

6.1.11 Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)

Evidence of current or former ASTs or USTs were not observed during the site reconnaissance. However, records of former USTs located at 16569 S. 10th Ave. were identified and discussed in Section 4.1 above.

6.1.12 Hydraulic Lifts

Two hydraulic lift lab tables were observed during the Site reconnaissance.

The lifts were located in the Caine Center operating labs. The units did not appear to have subsurface components other than hydraulic hose to the surface lift components. Evidence of hydraulic fluid releases was not observed from the lifts at the time of the Site visit, and Dr. England stated the lifts were in good working condition.

6.1.13 Evidence of Releases

Spills, stains or other indications that a surficial release has occurred at the Site were not observed other than various small stains around the developed areas that appeared *de minimus* in nature.

6.1.14 Polychlorinated Biphenyls (PCBs)

Potential PCB-containing equipment (transformers, oil-filled switches, hoists, lifts, dock levelers, hydraulic elevators, etc) were not observed on the Site during 191 North's reconnaissance with the exception pole mounted transformers.

Pole-mounted transformers, owned and serviced by Idaho Power, were observed along Homedale, 10th Ave, and Montana Ave. Information with regard to PCB content of the transformer fluids was not observed. Transformers contain mineral oil which may contain minor amounts of PCB and could be considered "PCB contaminated" (PCB content of 50-500 ppm).

Idaho Power maintains responsibility for the transformers, and if the transformers were "PCB contaminated," the utility company is not required to replace the transformer fluids until a release is identified. However, evidence of current or prior release was not observed in the vicinity of the electrical equipment during the Site reconnaissance.

6.1.15 Strong, Pungent or Noxious Odors

Strong, pungent or noxious odors were not evident during the site reconnaissance except for a noxious odor in the grain pit/elevator area located in the steel building adjacent to the two silos west of 10th Ave. The odor appears to originate from accumulation of bird feces, water, and decomposing grains in the concrete lined pit.

6.1.16 Pools of Liquid

Pools of liquid were not observed on the Site during the site reconnaissance, except for the liquid and associated odors noted above in Section 6.1.15.

6.1.17 Drains, Sumps and Clarifiers

Sumps and clarifiers were not observed on the Site during the site reconnaissance. Drains were located in several of the buildings, and were stated to be connected to the septic systems. Floor drains/trenches were located in the animal bays that were utilized for cleaning the stalls-lab rooms, and did not appear to be connected to sub-surface drains.

6.1.18 Pits, Ponds and Lagoons

Pits, ponds or lagoons were not observed on the Site.

6.1.19 Stressed Vegetation

Stressed vegetation was not observed on the Site.

6.1.20 Additional Potential Environmental Hazards

Additional environmental hazards, including landfill activities or radiological hazards, were not observed.

6.1.21 Vapor Intrusion

Based on observations made during the Site reconnaissance, vapor intrusion does not appear to be an environmental concern to the Site at this time.

6.2 Adjacent Property Reconnaissance

The reconnaissance of the adjoining properties consisted of observing them from the Site premises, or publicly accessible areas. Items of environmental concern were not identified on the adjacent properties during the site assessment.

7 FINDINGS AND CONCLUSIONS

7.1 Findings

191 North did not identify a REC during the course of this assessment. A *recognized environmental condition* (REC) refers to 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 minimus* conditions do not constitute a REC.

191 North did not identify a CREC during the course of this assessment. A *controlled recognized environmental condition* (CREC) refers to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

191 North identified a HREC during the course of this assessment. A *historical recognized environmental condition* (HREC) refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.

The following HREC was identified during the course of this assessment:

- The HREC identified consisted of USTs and a LUST event where the USTs were removed in 1997/1998, and the LUST event assessed with limited remediation. The IDEQ issued a letter stating no additional investigation/remediation required and closed the investigation.

Other sources of potential environmental impact/concern were identified by 191 North. These potential sources do not qualify as RECs; however, warrant further discussion. The following was identified during the course of this assessment:

- The EPA reports that Canyon County is in a moderate-risk area for radon.

7.2 Conclusions, Opinions and Recommendations

191 North has performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM Practice E1527-13 of the Caine Center located at 1020 E. Homedale, 16569 S. 10th Ave., and NKA 10th and Homedale in Caldwell, Idaho, Canyon County parcel numbers 32721000 0, 32678000 0, and 32720000 0 respectively. Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has not revealed evidence of RECs or CRECs in connection with the Site, and it is 191 North's opinion that additional investigation does not appear warranted at this time. The HREC identified does not appear to constitute a REC to the Site at this time, and additional investigation does not appear warranted at this time.

- The EPA reports that Canyon County is in a moderate-risk area for radon. We recommend that consideration be given to radon mitigation for planned structures on the Site.

8 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

191 North has performed a Phase I Environmental Site Assessment of the property located at 1020 E. Homedale, 16569 S. 10th Ave., and NKA 10th and Homedale in Caldwell, Idaho, Canyon County parcel numbers 32721000 0, 32678000 0, and 32720000 0 respectively, in general conformance with the scope and limitations set forth and the limitations stated earlier in this report. Exceptions to or deletions from this methodology are discussed earlier in this report.

With the signature below, 191 North declares 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. 191 North has the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the Site. 191 North has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By:

Seth A. Brundige, P.G. (Idaho)

Environmental Professional, Regional Manager

9 REFERENCES

9.1 Reference Documents

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation: E1527-13.

Environmental Data Resources (EDR), Aerial Photographs (1954-2011)

EDR City Directory Abstract, June 16, 2017

EDR, Radius Report, June 16, 2017

EDR, Sanborn Fire Insurance Maps, June 15, 2017

Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, accessed via internet, 2017

United States Department of Agriculture, Natural Resources Conservation Service, accessed via internet, 2017

United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey, accessed via the internet, 2017

United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via the internet, 2017

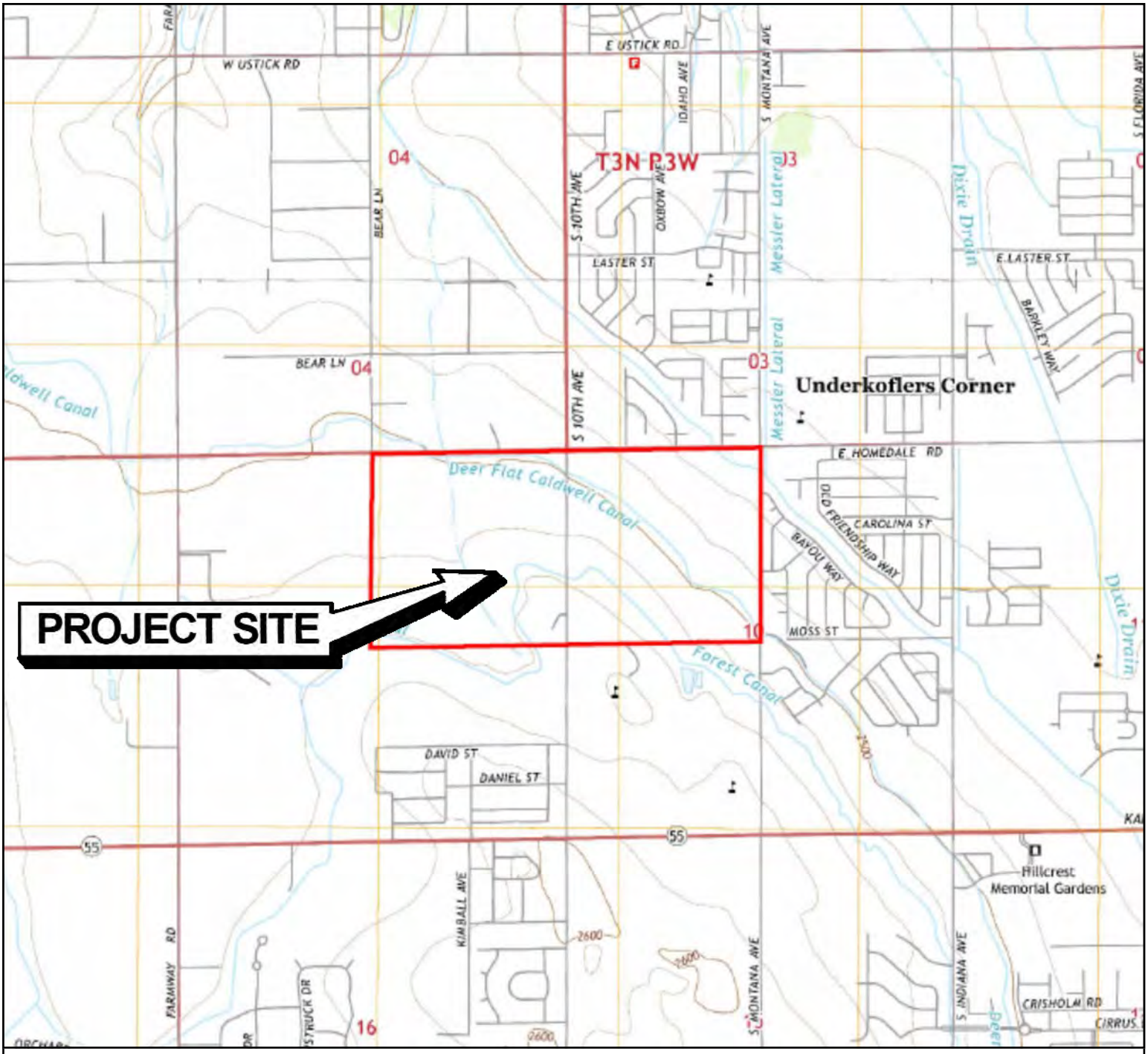
United States Geological Survey, accessed via the Internet, 2017

United States Geological Survey Topographic Maps, 1898, 1903, 1958, 1971, and 2013, 7.5 and 30-minute series, accessed via internet, 2017

APPENDICES

APPENDIX A

Site Vicinity Map (Figure A-1) Site Diagram (Figure A-2)
Site Photographs



USGS 7.5 MINUTE SERIES TOPOGRAPHIC MAP
LAKE LOWELL QUADRANGLE, IDAHO
2013

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

N

FIGURE A-1 — SITE VICINITY

CAINE CENTER

PARCELS 32678000 0, 32720000 0, & 32721000 0

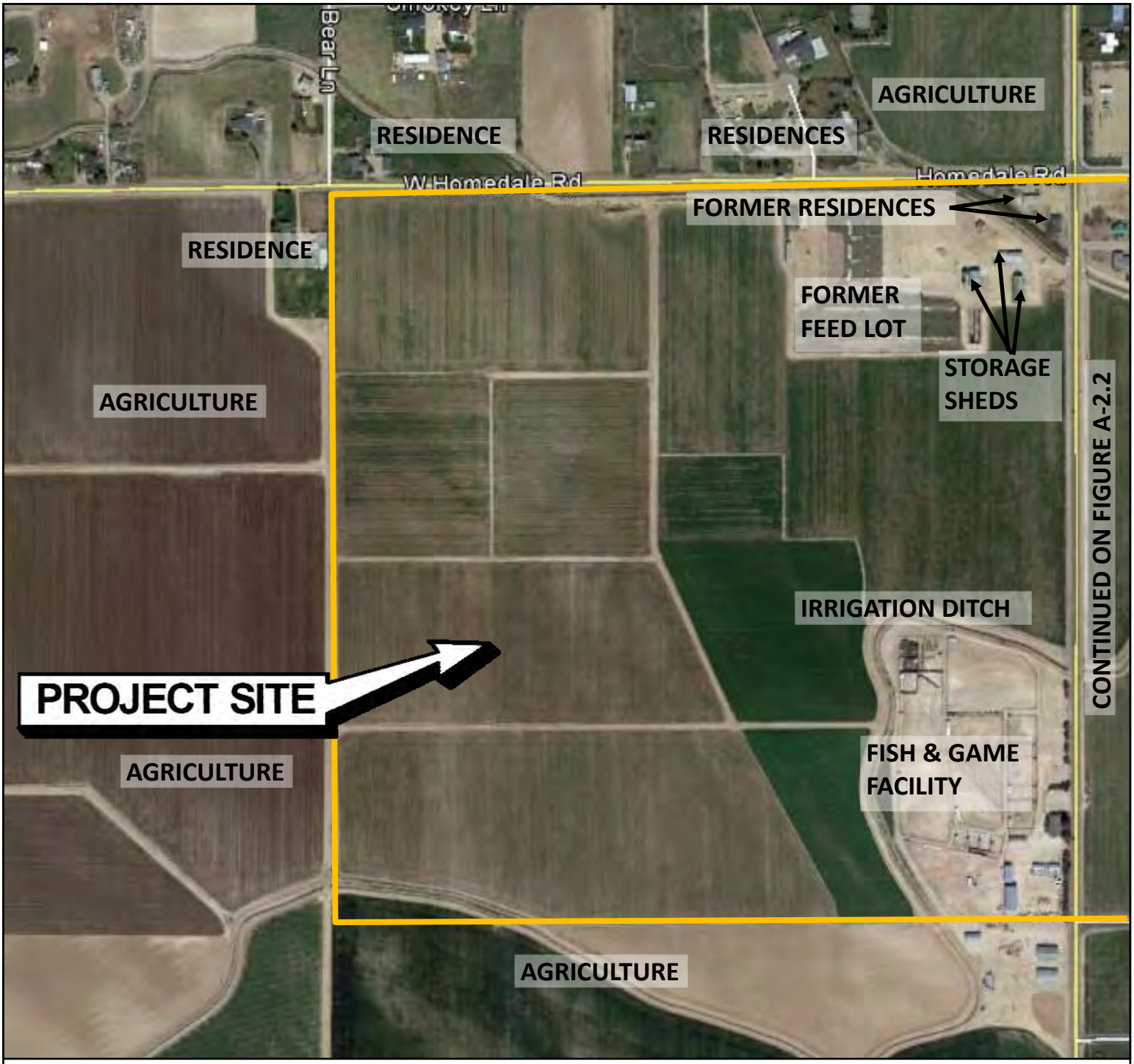
E. HOMEDALE AVE. & S. 10TH AVE.

PROJECT NUMBER: 2017-170029

CALDWELL, IDAHO

IDAHO DEPARTMENT OF LANDS

191 NORTH



USGS

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

N

FIGURE A-2.1 — SITE DIAGRAM

CAINE CENTER

PARCELS 32678000 0, 32720000 0, & 32721000 0

E. HOMEDALE AVE. & S. 10TH AVE.

PROJECT NUMBER: 2017-170029

CALDWELL, IDAHO

IDAHO DEPARTMENT OF LANDS

191 NORTH

USGS

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

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FIGURE A-2.2 — SITE DIAGRAM

CAINE CENTER

PARCELS 32678000 0, 32720000 0, & 32721000 0

E. HOMEDALE AVE. & S. 10TH AVE.

PROJECT NUMBER: 2017-170029

CALDWELL, IDAHO

IDAHO DEPARTMENT OF LANDS

191 NORTH

Site Photographs

Photo #1 View of a portion of the Site looking north from southeast.

Photo #2 View of a portion of the Site looking north from western portion.

Photo #3 View of a portion of the Site looking north from Caine Center south portion.

Photo #4 View of a portion of the Site looking northeast from inside Fish & Game facility.

Photo #5 View of a portion of the Site looking east from inside Fish & Game facility.

Photo #6 View of a portion of the Site looking east from 10th Ave.

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Photo #7 View of a portion of the Site looking east from present day Caine Center.

Photo #8 View of a portion of the Site looking east from the former U of I lab at 10th and Homedale.

Photo #9 View of a portion of the Site looking south at present U of I Caine Center

Photo #10 View of a portion of the Fish & Game facility looking south.

Photo #11 View of a portion of the Site looking south, from western portion of the Site

Photo #12 View of a portion of the Site looking south at former U of I office building, near SE corner of 10th and Homedale.

Photo #13 View of a portion of the Site looking west, from south side of present day U of I Cain Center facility in use.

Photo #14 View looking west-northwest toward former U of I office building, behind hay bales.

Photo #15 View looking west toward west portion of site from 10th St.

Photo #16 View looking west at animal enclosures in part of the Fish and Game use facility.

Photo #17 Typical view of above-ground hydraulic system for lift table in necropsy room in present occupied Caine Center.

Photo #18 View looking at portion of an incinerator.

Site Photographs

Photo #19 Typical view into lab areas in Caine Center.

Photo #20 View into well room at Caine Center – 1020 Homedale.

Photo #21 View of drums containing automotive fluids in south exterior garages.

Photo #22 View well for former office buildings located near SE corner of 10th and Homedale.

Photo #23 View into former office building near SE corner of 10th and Homedale.

Photo #24 View into former lab area near SE corner of 10th and Homedale.

Photo #25 Typical view into sheds near SE and SW corner of 10th and Homedale.

Photo #26 View of remnant grains left in storage sheds at the Site.

Photo #27 View looking at waste tires left at the Site, near SW corner of 10th and Homedale.

Photo #28 View into shed with a grain-pit/elevator, not currently in use.

Photo #29 View of portion of concrete debris on west portion of the Site.

Photo #30 View of former residence located on western portion of the Site.

Photo #31 View of storage area at Fish & Game portion of the Site.

Photo #32 Typical view of storage sheds at Fish & Game portion of the Site.

Photo #33 View of a portion of an eastern adjoining property.

Photo #34 Typical view of a portion of an eastern adjoining property.

Photo #35 View of a typical northern adjoining property.

Photo #36 View of a portion a southern adjoining property.

Photo #37 View of a portion of a southern adjoining property (middle school).

Photo #38 View looking toward western adjoining property.

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APPENDIX B

Historical Documentation
User Questionnaire

Caine Center
1020 E. Homedale Rd.
Caldwell, ID 83607

Inquiry Number: 4968348.12
June 15, 2017

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

06/15/17

Site Name:

Caine Center
1020 E. Homedale Rd.
Caldwell, ID 83607
EDR Inquiry # 4968348.12

Client Name:

191 North, LLC
118 N 7TH St Ste C4
Coeur D Alene, ID 83814
Contact: Seth Brundige

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:

Year	Scale	Details	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'	Flight Date: June 17, 1998	USGS
1992	1"=500'	Acquisition Date: June 01, 1992	USGS/DOQQ
1987	1"=750'	Flight Date: July 14, 1987	USGS
1981	1"=500'	Flight Date: July 30, 1981	USDA
1971	1"=500'	Flight Date: July 12, 1971	USGS
1954	1"=500'	Flight Date: September 25, 1954	USGS

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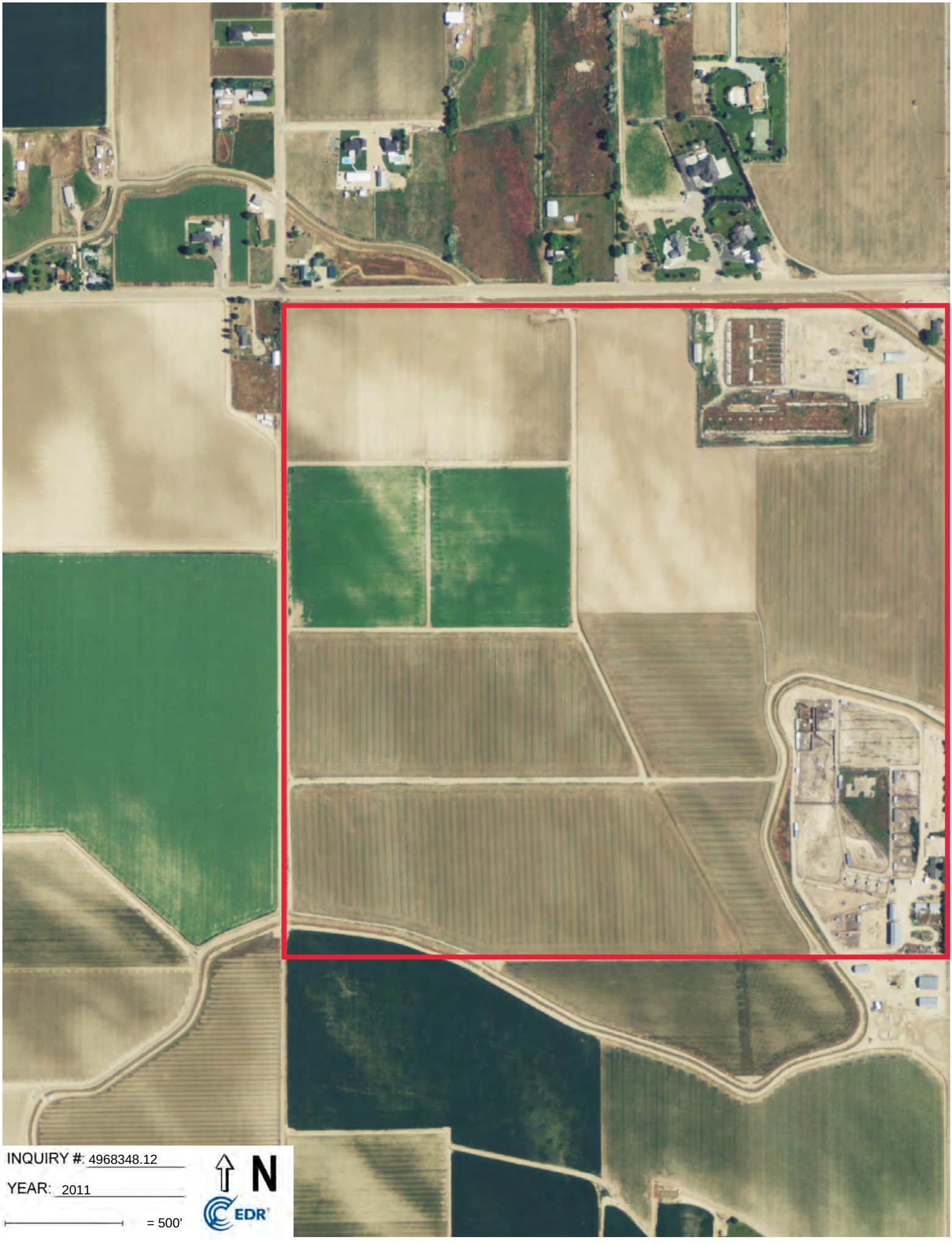
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EDR

INQUIRY #: 4968348.12

YEAR: 2011

= 500'

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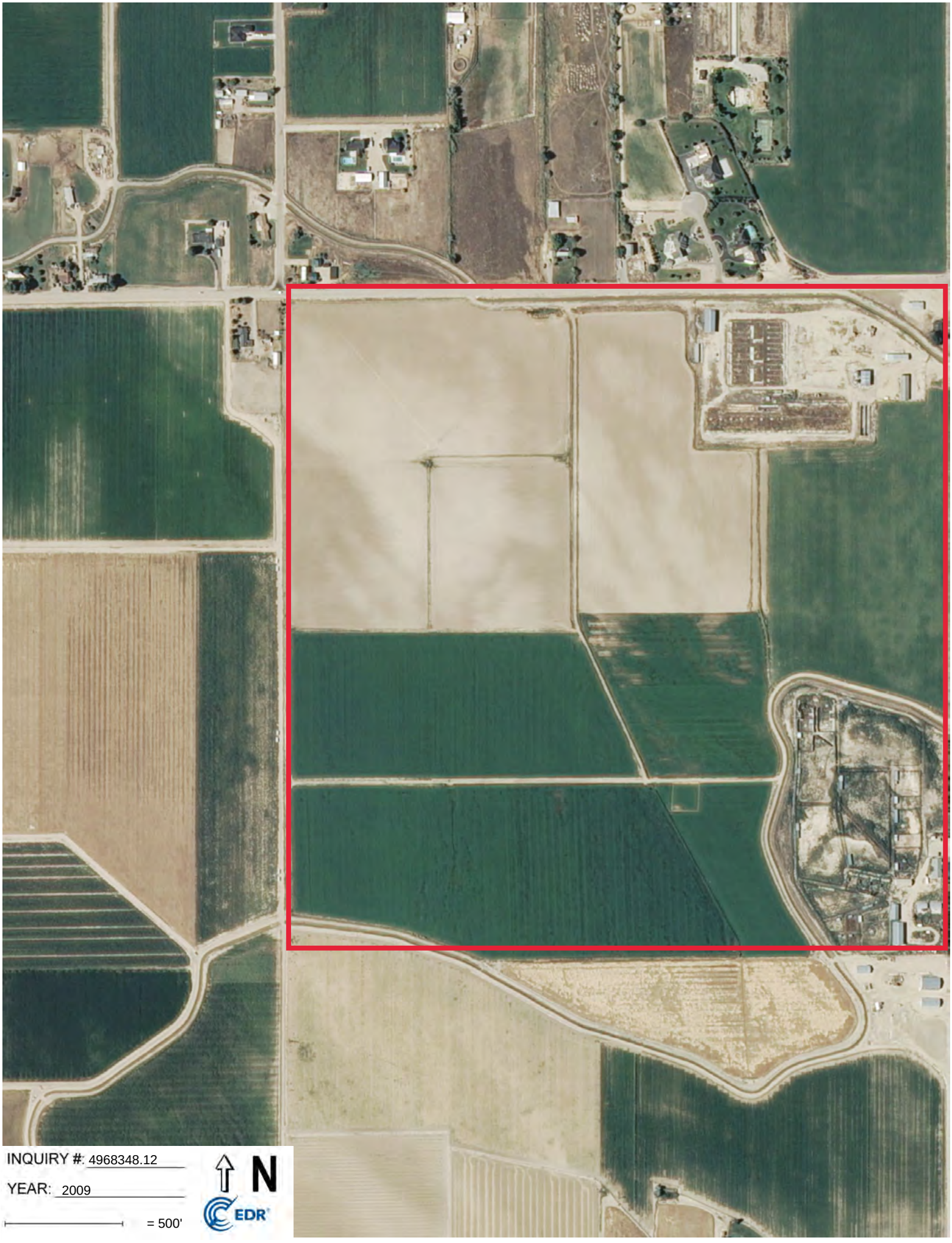
EDR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EDR

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EDR

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EDR

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EDR

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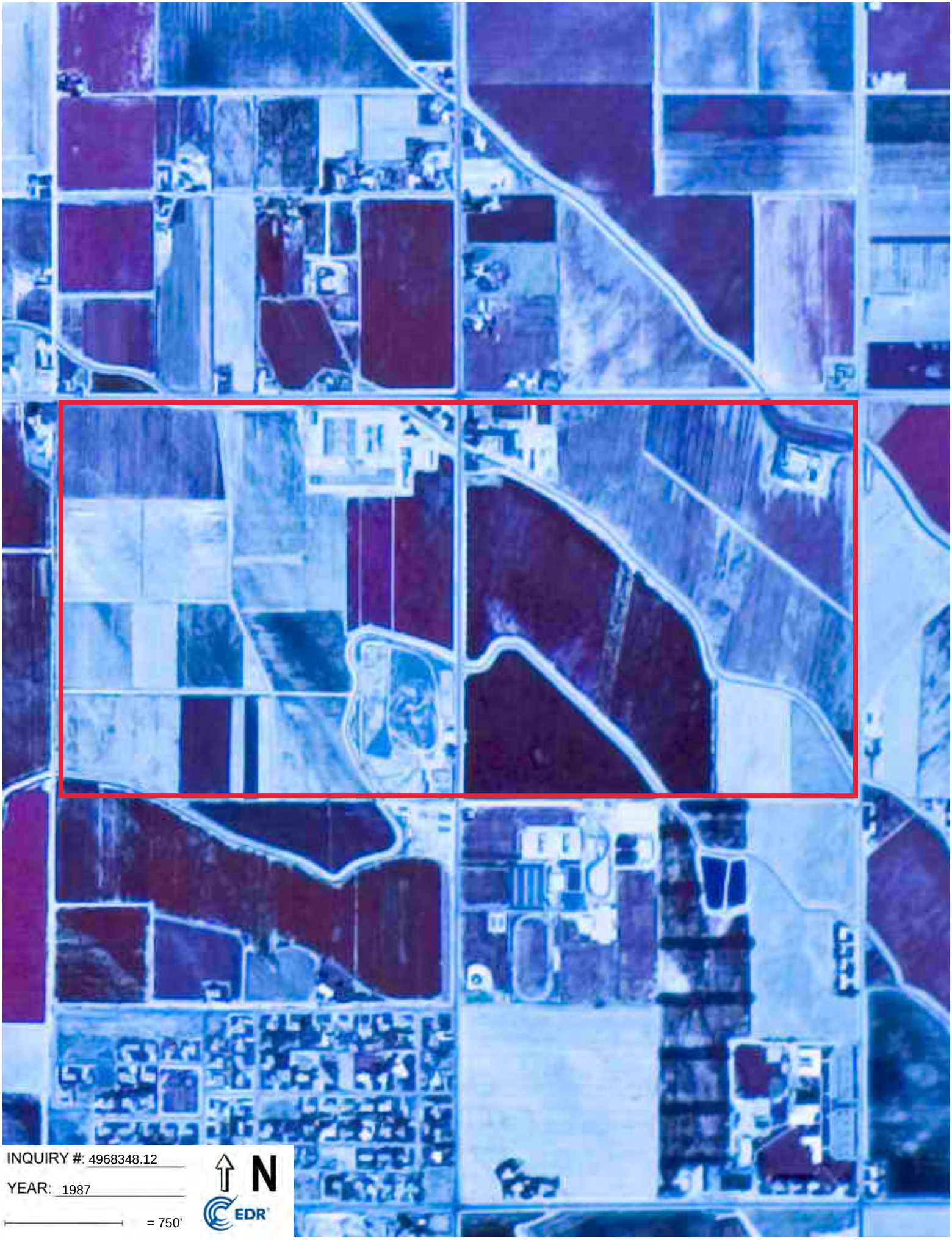
EDR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EDR

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YEAR: 1981

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EDR

INQUIRY #: 4968348.12

YEAR: 1981

= 500'

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EDR

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= 500'
N
EDR

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YEAR: 1971
= 500'
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EDR

INQUIRY #: 4968348.12
YEAR: 1954
= 500'
N
EDR

INQUIRY #: 4968348.12

YEAR: 1954

= 500'

N

EDR

Caine Center
1020 E. Homedale Rd.
Caldwell, ID 83607

Inquiry Number: 4968348.8
June 15, 2017

EDR Building Permit Report

Target Property and Adjoining Properties

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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with any questions or comments.

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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting 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.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquires (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.

EDR® Environmental Data Resources Inc

BUILD FAX® PROPERTY HISTORY

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of 191 North, LLC on Jun 15, 2017.

TARGET PROPERTY

1020 E. Homedale Rd.
Caldwell, ID 83607

SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

RESEARCH SUMMARY

Building permits identified: **YES**

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Caldwell

Year	*Source*	*TP*	*Adjoining*
2017	Caldwell Code Enforcement		X
2016	Caldwell Code Enforcement		
2015	Caldwell Code Enforcement		
2014	Caldwell Code Enforcement		
2013	Caldwell Code Enforcement		
2012	Caldwell Code Enforcement		
2011	Caldwell Code Enforcement		X
2010	Caldwell Code Enforcement		X
2009	Caldwell Code Enforcement		
2008	Caldwell Code Enforcement		X
2007	Caldwell Code Enforcement		X
2006	Caldwell Code Enforcement		X
2005	Caldwell Code Enforcement		
2004	Caldwell Code Enforcement		

Canyon County

Year	*Source*	*TP*	*Adjoining*
2016	Canyon County, Building Department		
2015	Canyon County, Building Department		
2014	Canyon County, Building Department		X
2013	Canyon County, Building Department		
2012	Canyon County, Building Department		X
2011	Canyon County, Building Department		
2010	Canyon County, Building Department		
2009	Canyon County, Building Department		X
2008	Canyon County, Building Department		
2007	Canyon County, Building Department		
2006	Canyon County, Building Department		

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

Year	Source	TP	Adjoining
2005	Canyon County, Building Department		
2004	Canyon County, Building Department		X
2003	Canyon County, Building Department		
2002	Canyon County, Building Department		X
2001	Canyon County, Building Department		
2000	Canyon County, Building Department		
1999	Canyon County, Building Department		X
1998	Canyon County, Building Department		
1997	Canyon County, Building Department		
1996	Canyon County, Building Department		
1995	Canyon County, Building Department		
1994	Canyon County, Building Department		
1993	Canyon County, Building Department		
1992	Canyon County, Building Department		
1991	Canyon County, Building Department		
1990	Canyon County, Building Department		
1989	Canyon County, Building Department		X
1988	Canyon County, Building Department		
1987	Canyon County, Building Department		X
1986	Canyon County, Building Department		
1985	Canyon County, Building Department		
1984	Canyon County, Building Department		
1983	Canyon County, Building Department		
1982	Canyon County, Building Department		
1981	Canyon County, Building Department		
1980	Canyon County, Building Department		

BUILDING DEPARTMENT RECORDS SEARCHED

Name: Caldwell
Years: 2004-2017
Source: Caldwell Code Enforcement, CALDWELL, ID
Phone: (208) 455-3021

Name: Canyon County
Years: 1980-2016
Source: Canyon County, Building Department, CALDWELL, ID
Phone: (208) 454-7458

Name: Nampa
Years: 1990-2017
Source: City of Nampa, NAMPA, ID
Phone: (208) 465-5435

TARGET PROPERTY FINDINGS

TARGET PROPERTY DETAIL

1020 E. Homedale Rd.
Caldwell, ID 83607

No Permits Found

ADJOINING PROPERTY FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

E HOMEDALE RD

1312 E HOMEDALE RD

Date:	**10/8/2007**
Permit Type:	**L-BLDG-C**
Description:	**Office Shell**
Permit Description:	**Legacy Building Commercial Permit**
Work Class:	New Construction
Proposed Use:	New Commercial
Permit Number:	B-Com-41133-07
Status:	Void
Valuation:	$414,360.00
Contractor Company:	
Contractor Name:	Data Unavailable

1404 E HOMEDALE RD

Date:	**4/8/2011**
Permit Type:	**ELECTRIC**
Description:	**Electrical/Commercial/Sign**
Permit Description:	**Electrical Permit**
Work Class:	Electrical Misc.
Proposed Use:	Commercial/Sign
Permit Number:	E-11-397
Status:	Completed
Valuation:	$500.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**5/26/2010**
Permit Type:	**ELECTRIC**
Description:	**Electrical/Commercial/Water Damage Repairs**
Permit Description:	**Electrical Permit**
Work Class:	Electrical Misc.
Proposed Use:	Commercial/Shell
Permit Number:	E-10-1015
Status:	Completed
Valuation:	$1,800.00
Contractor Company:	
Contractor Name:	

Date:	**7/30/2008**
Permit Type:	**ELECTRIC**
Description:	**Electrical/Commercial**
Permit Description:	**Electrical Permit**
Work Class:	Electrical Misc.
Proposed Use:	Commercial/School
Permit Number:	E-08-298
Status:	Completed
Valuation:	$950.00
Contractor Company:	
Contractor Name:	Alloway Electric (no Michael Christie)

Date:	**9/24/2007**
Permit Type:	**L-MECH**
Description:	
Permit Description:	**Legacy Mechanical and HVAC Permit**
Work Class:	New Construction
Proposed Use:	Legacy Permit
Permit Number:	M24730-07
Status:	Completed
Valuation:	$0.00
Contractor Company:	
Contractor Name:	Reynolds Plumbing & Mechanical, Inc.

ADJOINING PROPERTY FINDINGS

Date: **8/21/2007**
Permit Type: **L-MECH**
Description:

Permit Description: **Legacy Mechanical and HVAC Permit**
Work Class: New Construction
Proposed Use: Legacy Permit
Permit Number: M24631-07
Status: Completed
Valuation: $0.00
Contractor Company:
Contractor Name: Air Care Llc

Date: **5/14/2007**
Permit Type: **L-ELECT**
Description:

Permit Description: **Legacy Electrical Permit**
Work Class: New Construction
Proposed Use: Legacy Permit
Permit Number: E57236-07
Status: Completed
Valuation: $0.00
Contractor Company:
Contractor Name: L & K Electric

Date: **5/2/2007**
Permit Type: **L-PLUMB**
Description:

Permit Description: **Legacy Plumbing Permit**
Work Class: New Construction
Proposed Use: Legacy Permit
Permit Number: P16414-07
Status: Completed
Valuation: $0.00
Contractor Company:
Contractor Name: Reynolds Plumbing & Mechanical, Inc.

ADJOINING PROPERTY FINDINGS

Date:	**4/19/2007**
Permit Type:	**L-ELECT**
Description:	
Permit Description:	**Legacy Electrical Permit**
Work Class:	New Construction
Proposed Use:	Legacy Permit
Permit Number:	E57118-07
Status:	Completed
Valuation:	$0.00
Contractor Company:	
Contractor Name:	L & K Electric

Date:	**10/17/2006**
Permit Type:	**L-BLDG-C**
Description:	**New Commercial Building/Valivue Retail**
Permit Description:	**Legacy Building Commercial Permit**
Work Class:	New Construction
Proposed Use:	Legacy Permit
Permit Number:	B-Com-40718-06
Status:	Completed
Valuation:	$850,000.00
Contractor Company:	
Contractor Name:	Robnett Construction

1407 E HOMEDALE RD

Date:	**3/21/2017**
Permit Type:	
Description:	**install emergency light over back door**
Permit Description:	**Commercial Electrical**
Work Class:	
Proposed Use:	
Permit Number:	E17-00299
Status:	Pass & Closed
Valuation:	$200.00
Contractor Company:	
Contractor Name:	Mike Dale Royalty Electric LLC

ADJOINING PROPERTY FINDINGS

Date:	**3/21/2017**
Permit Type:	
Description:	**install new emergency light over back door**
Permit Description:	**Commercial Electrical**
Work Class:	
Proposed Use:	
Permit Number:	TEMPE17-00298
Status:	Withdrawn
Valuation:	$200.00
Contractor Company:	
Contractor Name:	Mike Dale Royalty Electric LLC

Date:	**9/9/2010**
Permit Type:	**BLDG-FIR**
Description:	**Commercial/Fire Plan Review/Vallivue Sch. Relocate Bldg**
Permit Description:	**Building Fire Permit**
Work Class:	Fire Alarms
Proposed Use:	Vallivue Sch Dist
Permit Number:	FP-10-1627
Status:	Completed
Valuation:	$0.00
Contractor Company:	
Contractor Name:	Simplex Grinnell

Date:	**9/7/2010**
Permit Type:	**MECHANIC**
Description:	**Mech/portable unit**
Permit Description:	**Mechanical and HVAC Permit**
Work Class:	Sub-Work New Const
Proposed Use:	Commerial/VHS relocated building
Permit Number:	M-10-1621
Status:	Completed
Valuation:	$2,000.00
Contractor Company:	
Contractor Name:	Kmd Mechanical

ADJOINING PROPERTY FINDINGS

Date:	**8/27/2010**
Permit Type:	**PLUMBING**
Description:	**Plum/drinking fountain**
Permit Description:	**Plumbing Permit**
Work Class:	Sub-Work New Const
Proposed Use:	Commerial/VHS relocated building
Permit Number:	P-10-1588
Status:	Completed
Valuation:	$400.00
Contractor Company:	
Contractor Name:	Dillon Plumbing

Date:	**7/6/2010**
Permit Type:	**ELECTRIC**
Description:	**Elec/sub-feeder service for portable classrooms**
Permit Description:	**Electrical Permit**
Work Class:	Sub-Work New Const
Proposed Use:	Commerial/VHS relocated building
Permit Number:	E-10-1244
Status:	Completed
Valuation:	$800.00
Contractor Company:	
Contractor Name:	Four Star Electric

Date:	**7/1/2010**
Permit Type:	**PLUMBING**
Description:	**Plum/portable classroom**
Permit Description:	**Plumbing Permit**
Work Class:	Sub-Work New Const
Proposed Use:	Commerial/VHS relocated building
Permit Number:	P-10-1156
Status:	Completed
Valuation:	$6,800.00
Contractor Company:	
Contractor Name:	Dillon Plumbing

ADJOINING PROPERTY FINDINGS

C.O. Issued Date: **9/21/2010**
Date: **6/15/2010**
Permit Type: **BLDG-COM**
Description: **Commerial/VHS/relocate.build./Detach.Health Build.**

Permit Description: **Building Commercial Permit**
Work Class: Modular
Proposed Use: Commerial/VHS relocated building
Permit Number: BC-10-851
Status: CO_Issued
Valuation: $25,000.00
Contractor Company:
Contractor Name:

1910 E HOMEDALE RD

Date: **6/19/2012**
Permit Type:
Description: **20 X 29 covered deck addition to a existing residence.**

Permit Description: **Building**
Work Class: Addition
Proposed Use: Covered Deck
Permit Number: BP2012-248
Status:
Valuation: $11,890.00
Contractor Company:
Contractor Name:

Date: **5/2/2002**
Permit Type: **2**
Description: **DETACHED GARAGE/SHOP**

Permit Description: **Building**
Work Class: New 60
Proposed Use: Accessory - Shop/Garage
Permit Number: BP2002-311
Status: Approved
Valuation:
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **5/2/2002**
Permit Type: **29**
Description: **Bldg. Perm/ Garage-Detached**

Permit Description: **Parcel Inquiry**
Work Class:
Proposed Use:
Permit Number: PI2002-166
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **3/24/1989**
Permit Type: **40**
Description: **New single family residence**

Permit Description: **Zone Compliance**
Work Class:
Proposed Use:
Permit Number: ZC2005-5565
Status: Approved
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **8/20/1987**
Permit Type: **3**
Description: **Conditional Use Permit approved with conditions.**

Permit Description: **Conditional Use**
Work Class:
Proposed Use:
Permit Number: CU2003-172
Status: Approved W/CONDITIONS
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

S FLORIDA AVE

5521 S FLORIDA AVE

Date:	**10/6/2014**
Permit Type:	
Description:	
Permit Description:	**Mechanical**
Work Class:	Retro Installation
Proposed Use:	
Permit Number:	MC2014-930
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	OWNER-EXEMPT

Date:	**4/29/2002**
Permit Type:	**40**
Description:	**Detached garage**
Permit Description:	**Zone Compliance**
Work Class:	
Proposed Use:	
Permit Number:	ZC2005-5231
Status:	Approved
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **4/29/2002**
Permit Type: **2**
Description:

Permit Description: **Building**
Work Class: New 30
Proposed Use: Accessory - Shop/Garage
Permit Number: BP2002-296
Status: Approved
Valuation:
Contractor Company:
Contractor Name:

Date: **4/29/2002**
Permit Type: **29**
Description: **Bldg permit**

Permit Description: **Parcel Inquiry**
Work Class:
Proposed Use:
Permit Number: PI2002-120
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **11/9/1999**
Permit Type: **40**
Description: **New single family residence**

Permit Description: **Zone Compliance**
Work Class:
Proposed Use:
Permit Number: ZC2005-5223
Status: Approved
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

5613 S FLORIDA AVE

Date:	**5/19/2004**
Permit Type:	**2**
Description:	
Permit Description:	**Building**
Work Class:	Garage Det, New 30, 438 Gar/Stor/Carport
Proposed Use:	Accessory - Shop/Garage, Accessory - Shop/Garage 438 Gar/Stor/Carport
Permit Number:	BP2004-465
Status:	Issued
Valuation:	
Contractor Company:	
Contractor Name:	

5623 S FLORIDA AVE

Date:	**10/14/2009**
Permit Type:	
Description:	**Retro- Electric Furnace only**
Permit Description:	**Mechanical**
Work Class:	
Proposed Use:	
Permit Number:	MC2009-288
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	Heating Equipment Company

GLOSSARY

General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeymen:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other commons reason for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

GLOSSARY

Permit Content Definitions

- Permit Number: The alphanumerical designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- Description: A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use(s) of the property.
- Permit Type: Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

Sample Building Permit Data

Date: Nov 09, 2000
Permit Type: Bldg -
New Permit Number: 101000000405
Status: Valuation: $1,000,000.00
Contractor Company: OWNER-BUILDER
Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.

Caine Center
1020 E. Homedale Rd.
Caldwell, ID 83607

Inquiry Number: 4968348.5
June 16, 2017

The EDR-City Directory Image Report

Environmental Data Resources Inc
6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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Please contact EDR at 1-800-352-0050
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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.

Year	Target Street	Cross Street	Source
2013	☑	☑	Cole Information Services
2008	☑	☑	Cole Information Services
2003	☑	☑	Cole Information Services
1999	☑	☑	Cole Information Services
1995	☑	☑	Cole Information Services
1992	☑	☑	Cole Information Services
1987	☐	☑	Polk's City Directory
1982	☐	☐	Polk's City Directory
1978	☐	☐	Polk's City Directory
1973	☐	☐	Polk's City Directory
1968	☐	☐	Polk's City Directory
1963	☐	☐	Polk's City Directory

RECORD SOURCES

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FINDINGS

TARGET PROPERTY STREET

1020 E. Homedale Rd.
Caldwell, ID 83607

Year	*CD Image*	*Source*	
E HOMEDALE RD			
2013	pg A1	Cole Information Services	
2008	pg A3	Cole Information Services	
2003	pg A6	Cole Information Services	
1999	pg A9	Cole Information Services	
1995	pg A11	Cole Information Services	
1992	pg A13	Cole Information Services	
1987	-	Polk's City Directory	Street not listed in Source
1982	-	Polk's City Directory	Street not listed in Source
1978	-	Polk's City Directory	Street not listed in Source
1973	-	Polk's City Directory	Street not listed in Source
1968	-	Polk's City Directory	Street not listed in Source
1963	-	Polk's City Directory	Street not listed in Source

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*	
S 10TH AVE			
2013	pg. A2	Cole Information Services	
2008	pg. A4	Cole Information Services	
2003	pg. A7	Cole Information Services	
1999	pg. A10	Cole Information Services	
1995	pg. A12	Cole Information Services	
1992	pg. A14	Cole Information Services	
1987	pg. A15	Polk's City Directory	
1982	-	Polk's City Directory	Target and Adjoining not listed in Source
1978	-	Polk's City Directory	Target and Adjoining not listed in Source
1973	-	Polk's City Directory	Target and Adjoining not listed in Source
1968	-	Polk's City Directory	Target and Adjoining not listed in Source
1963	-	Polk's City Directory	Target and Adjoining not listed in Source

City Directory Images

Target Street	Cross Street	Source
✓	-	Cole Information Services

E HOMEDALE RD 2013

1020	IDAHO STATE GOVERNMENT
1404	GARBONZOS PIZZA
1407	SCHOOLSPUBLIC
1910	EL WAITE
3005	EVONNE HILL
3007	JAMES KNEZEVICH
3009	SEAN HILL

Target Street	Cross Street	Source
-	✓	Cole Information Services

S 10TH AVE 2013

5022	BEARS WORKSHOP
	M BADONI
5026	ANTHONY MCNARY
5104	RONALD AMES
5105	CIVIL DYNAMICS PC
	MELANIE SITTIG
5107	OCCUPANT UNKNOWN
5222	LEONA CAYLER
5301	BYRON PARKER
	SUN RISE GARAGE DOOR CO
5315	GARY ESKEW
5423	PATRICIA BEOUGHER
5503	OCCUPANT UNKNOWN
5605	VIRGINIA BARTAK
15019	MARK SIMPSON
15421	OCCUPANT UNKNOWN
15423	WILLIAM THIES
15431	JERRY ENSLEY
15815	HOLLY LIEDBERG
	LANCE MARVICH
	SHERRY BATT
	ZACHARY PETERSON
15847	WILLIAM HINDS
15871	GARY MCDONNELL
15877	TED GEORGE
15895	JAY WEATHERFORD
15913	CURTIS MUNGER
	DAIMOND CANTERBURY
	HEATHER UPCHURCH
	MARIA KURTZ
	MIKE CAMARIO
15997	BILL IZZARD
	JACK WEST
	KAYLA PHILLIPS
	KERI THOMPSON
	LAKEVIEW APARTMENTS
	RAYMOND CARSON
	RON EBAUGH
	TINA DHINGRA
16067	PAUL FARWELL
16083	OLIVIA SIMPSON
16121	OCCUPANT UNKNOWN
16159	LAYNE HADLOCK
16179	PATRICK IHLI
16205	EDWARD FELLER
16227	OPAL RATHBUN
16412	SCHOOLSPUBLIC
	VALLIVUE MIDDLE SCHOOL
16947	OCCUPANT UNKNOWN
16984	OCCUPANT UNKNOWN

Target Street	Cross Street	Source
✓	-	Cole Information Services

E HOMEDALE RD 2008

1020	THE CAINE VETERINARY TEACHING CENTER UNIVERSITY OF IDAHO
1407	VALLIVUE SCHOOL DISTRICT 139
1910	EL WAITE
3005	EVONNE HILL
3007	WILLIAM MARREN
3009	OCCUPANT UNKNOWN

Target Street	Cross Street	Source
-	✓	Cole Information Services

S 10TH AVE 2008

5022	BEARS WORKSHOP
	ELAINE BADONI
5026	MICHAEL MCNARY
5104	BLACK KETTLE CATERING
	RONALD AMES
5105	CANYON REAL ESTATE INC
	CANYON REALTY
	OCCUPANT UNKNOWN
	TREASURE VALLEY 4 RENT
5107	GREG SITTIG
5222	LEONA CAYLER
5301	BYRON PARKER
	SUN RISE GARAGE DOOR CO
5315	GARY ESKEW
5503	OCCUPANT UNKNOWN
5605	BARTAK VIRGINIA
	VIRGINIA BARTAK
15019	MARK SIMPSON
15020	KRISTI KECK
15050	DAVE JEROME
15100	BRIAN ATWOOD
15141	PATRICK KAWAGUCHI
15193	FLOYD WOOD
15235	JAMES LINDBLOOM
15423	WILLIAM THIES
15431	JERRY ENSLEY
15815	ZACHARY PETERSON
15847	WILLIAM HINDS
15871	GARY MCDONNELL
15877	ACE HAULING & CONCRETE
	TED GEORGE
15895	JAY WEATHERFORD
15913	CURTIS MUNGER
	DELOY NEIBAUR
	JOSEPH FITHIAN
	MARIA KURTZ
	MICHAEL HUNTER
	MIKE CAMARIO
15997	C KEMP
	CHRISTINA ORMSBY
	GILBERT HARRIS
	JODI ELLIS
	LAKEVIEW APARTMENTS
	SAMANTHA HARRIS
	TINA DHINGRA
	TONYA CRAWFORD
16067	PAUL FARWELL
16083	SWIMCO
	TIMOTHY JOHNSON
16121	JIM DAWSON

Target Street	Cross Street	Source
-	✓	Cole Information Services

S 10TH AVE 2008 (Cont'd)

16159 LAYNE HADLOCK
16179 PATRICK IHLI
16205 EDWARD FELLER
EDWARD R FELLER TRUCKING INC
16227 RAY WATSON
16412 VALLIVUE SCHOOL DISTRICT 139
16569 IDAHO DEPARTMENT OF FISH & GAME
16947 OCCUPANT UNKNOWN
16952 IDAHO STATE UNIVERSITY

Target Street	Cross Street	Source
✓	-	Cole Information Services

E HOMEDALE RD 2003

105	BARBARA BALL
1020	SHARRF ALY
	UNIV OF IDAHO CAINE VTRNRY TCH
1407	VALLIVUE SCHOOL DISTRCT
	VALLIVUE SNR HIGH SCHL ATNDNC
1910	EL WAITE
	TALON FRAMING
3005	EVONNE HILL
3007	JAMES KNEZEVICH
3009	OCCUPANT UNKNOWN

Target Street	Cross Street	Source
-	✓	Cole Information Services

S 10TH AVE 2003

5022	BEARS WORKSHOP
	MATHEW LEAVITT
5026	KATHY MCNARY
5104	BLACK KETTLE CATERING
	RON AMES
5105	BAKE YOUNG REALTY
5107	GREG SITTIG
5222	LEONA CAYLER
5301	OCCUPANT UNKNOWN
5315	JUDY ESKEW
5503	JEFF JACKETS
5605	BARTAK VIRGINIA
	VIRGINIA BARTAK
15019	KYLE CAMPBELL
15020	KRISTI ROEDER
15050	DAVE JEROME
15100	KELLIE ATWOOD
15141	PATRICK KAWAGUCHI
15193	WILBUR DEMEYER
15235	JAMES LINDBLOOM
15423	MICHELE THIES
15431	JERRY ENSLEY
15742	TOM BRESHEARS
	TOM R BRESHEARS
15815	RUTHANN PETERSON
15847	WILLIAM HINDS
	WILLIAM HINDS
15871	GARY MCDONNELL
15877	TED GEORGE
15895	LASHALE WEATHERFORD
15913	CURTIS MUNGER
	MARIA KURTZ
	MIKE CAMARIO
15997	ALONZO SANCHEZ
	D KELLER
	EVELYN REA
	FRANK LAWSON
	LAKEVIEW APARTMENTS
	ROBERT MAW
16067	PAUL FARWELL
16083	OLIVIA SIMPSON
16121	HARLEY DAWSON
16159	HADLOCK PEARL & FERRY C
	VIRGIL ROYCE
16179	BRANDON IHLI
16205	EDWARD FELLER
	EDWARD R FELLER TRUCKING INC
16227	RAY WATSON
16358	CALDWELL VALLIVUE SCHOOL DIST
16412	BROWN BUS CO

Target Street	Cross Street	Source
-	✓	Cole Information Services

S 10TH AVE 2003 (Cont'd)

16412 VALLIVUE MIDDLE SCHOOL
VALLIVUE SCHOOL DIST
16569 IDAHO FISH & GAME
OCCUPANT UNKNOWN
16952 UNIVERSITY OF IDAHO
16984 JUANITA CHAVEZ

Target Street	Cross Street	Source
✓	-	Cole Information Services

E HOMEDALE RD 1999

105	BARBARA BALL
1020	IDAHO STATE UNIVERSITY OF IDAHO
1372	OCCUPANT UNKNOWN
1407	AREA SCHOOLS CALDWELL
	SCHOOLS PUBLIC VALLIVUE SCHOOL DISTRICT 139
1910	EL WAITE
3005	EVONNE HILL
	HILL EVONNE S
3009	INA SORENSON

Target Street	Cross Street	Source
-	✓	Cole Information Services

S 10TH AVE 1999

5022	MATHEW LEAVITT
5026	KATHY MCNARY
5104	ANDREW PIPER
5107	GREG SITTIG
5222	MIKE CAYLER
5315	GARY ESKEW
5503	JIM TOWNSEND
	SANDY YOUNG
6240	OCCUPANT UNKNOWN
15141	PATRICK KAWAGUCHI
15193	WILBUR DEMEYER
15235	ANGELA BOW
15421	ALICE GARRETT
15431	JERRY ENSLEY
15742	TOM BRESHEARS
15815	RUTHANN PETERSON
15847	WILLIAM HINDS
15871	GARY MCDONNELL
15877	KELLIE GEORGE
15895	JAY WEATHERFORD
15913	P HUNTER
	PAT MEEDS
15997	ROBERT PALMORE
	S HURLES
16067	PAUL FARWELL
16121	JIM DAWSON
16159	FERRY HADLOCK
16179	OCCUPANT UNKNOWN
16205	EDWARD FELLER
16227	JOHN COTTRELL
16358	AREA SCHOOLS CALDWELL
	SCHOOLS PUBLIC VALLIVUE SCHOOL DISTRICT 139
16412	BROWN BUS COMPANY INCORPORATED VALLIVIEW
	SCHOOLS PUBLIC VALLIVUE SCHOOL DISTRICT 139
16947	DELORY DAVIS
16952	AGRICULTURAL EXTENSION SERVICE UNIVERSITY OF IDAHO
	EXPERIMENT STATION CALDWELL BRANCH
	IDAHO STATE UNIVERSITY OF IDAHO
16984	OCCUPANT UNKNOWN

Target Street	Cross Street	Source
✓	-	Cole Information Services

E HOMEDALE RD 1995

107	BALLS DYNAMICS IN PERSONALITY
907	KING, BETTY
1020	CAINE VET TEACHING CTR
1304	OCCUPANT UNKNOWNN
1910	WAITE, EL J
3005	HILL, EVONNE S
3007	KNEZEVICH, SHEILA E
3009	SORENSON, VERYL

Target Street	Cross Street	Source
-	✓	Cole Information Services

S 10TH AVE 1995

5104	PIPER, ANDREW
5107	E D WENGER & ASSOC
	OCCUPANT UNKNOWNN
5222	CAYLER, MIKE F
	SAUER, ROBERT
5301	PARKER, CHERYL L
5315	ESKEW, GARY
15141	KAWAGUCHI, PATRICK
15193	DEMEYER, WILBUR
15235	LINDBLOOM, JAMES E
15421	GARRETT, ARTHUR E
15431	ENSLEY, JERRY
15742	BRESHEARS, TOM R
15815	OCCUPANT UNKNOWNN
15847	DAMICO, GINNY
	HINDS, WILLIAM
15871	MCDONNELL, GARY
15877	YORK, KATHY
15895	WEATHERFORD, JAY
15913	LAKEVIEW APARTMENTS
	MCCOLLAR, DON
15997	HAMMEL, MELODY
	SEAMONS, PATRICK
	SMITH, D
16067	FARWELL, PAUL
16083	JOHNSON, JUDEEN C
16121	DAWSON, JIM
16159	HADLOCK, FERRY C
16179	IHLI, PATRICK J
16205	FELLER, EDWARD R
16358	VALLIVUE JUNIOR HIGH SCHOOL
16412	BROWN BUS CO
	VALLIVUE SENIOR HIGH SCHOOL
16911	OCCUPANT UNKNOWNN
16947	OCCUPANT UNKNOWNN
16952	SW IDAHO RESEARCH CTR
16984	TOOLEY, CLIFTON

Target Street	Cross Street	Source
✓	-	Cole Information Services

E HOMEDALE RD 1992

1020	CAINE VETERINARY CT
	IDAHO UNIVERSITY
	UNIV OF IDAHO
	UNIV VETERINARY CTR
1910	WAITE, EL J
3007	HEATON, CHRIS
3009	SORENSON, VERYL

Target Street	Cross Street	Source
-	✓	Cole Information Services

S 10TH AVE 1992

5104	PIPER, ANDREW
5107	BRESHEARS, JULIE
	WENGER E D
5315	ESKEW, GARY
9211	GREENWELL, LUCILLE
9216	SAYERS, P M
9218	HAMMAKER, DAVID
15141	AMESBURY, H A
15193	DEMEYER, WILBUR
15421	GARRETT, ARTHUR E
15431	ENSLEY, JERRY
15742	BRESHEARS, TOM R
15815	PETERSON, JERALD W
15847	DAMICO, GINNY
	HINDS, WILLIAM
15871	MCDONNELL, GARY
15877	YORK, KATHY
15895	WEATHERFORD, JAY
15913	STANSBURY, M
15997	HAMMEL, MELODY
	MEDINA, S
	MYSLIVY, D
	PRALL, MELANIE
16067	FARWELL, PAUL
16121	WALLACE, MARY K
16179	IHLI, PATRICK J
16205	FELLER, EDWARD R
16227	CARR, DAVID
16911	DETWEILER, BOB
16947	SORENSEN, S J
16952	EXPERIMENT STATION
	SW IDAHO RESEARCH
	UNIV ID RESEARCH
	UNIVERSITY OF IDAHO

Target Street	Cross Street	Source
-	✓	Polk's City Directory

S 10TH AVE 1987

12

S 10TH AV–Contd
COTTONWOOD ST
INTERSECTS
3200★Wilcox Buntley B 454-0905
3204 Hendricks Jerry M ◎
454-0198
3020 Hibberd Ray Rev 454-2551
3107 Jasper Terrell
E SPRUCE INTERSECTS
3215★Applebee Ralph C ◎
459-7162
3216 No Return
3311 Jefferson Junior High School
459-0847
3318 Steele Daphne C 454-2677
3404 Wolff Lon M ◎ 459-3471
3410 Straight Edw ◎ 459-9251
3411 Douglass Kenneth I ◎
459-1314
3413 Caldwell Transportation Co
459-6612
3503★Gibben S 459-2299
3508 Ward Dueard G ◎ 459-4498
3520 Martin Vern W ◎ 459-8713
3607 Winkler Don D ◎ 459-0349
3608 Beavers Forest W ◎
459-0444
AMBER ST INTERSECTS
3618 Higer Hiram E ◎ 459-7264
3619 Ransom Jeff ◎
3709 Apartments
1 Pearse Tom R 454-0763
2 Ames R E 454-1096
3★Friedley Terresa
4 Vacant
3805 Mayberry Lloyd W ◎
459-4494
3815★Klein Paul A 454-2472
3816 Slane Clyde ◎ 459-1081
Slane Geo I ◎ 459-9492
3817 No Return
3821 No Return
4011 Caldwell Veterinary Hospital
459-1671
4012 Church Of Christ 459-2281

1

10TH ST (PARMA)–FROM
1000 STOCKTON RD NORTH

ZIP CODE 83660
LEFT SIDE
Hafez Saad 722-5709

CAINE CENTER
1020 E. HOMELAND ROAD
CALDWELL, ID

Inquiry Number: 4968348.7S
JUNE 20, 2017

EDR Environmental Lien and AUL Search

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

EDR Environmental Lien and AUL Search

The EDR Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

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

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

CAINE CENTER
16569 S. 10TH AVENUE
CALDWELL, ID

RESEARCH SOURCE

Source 1: CANYON COUNTY RECORDER OF DEEDS

Source 2: IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY

Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PROPERTY INFORMATION

Deed 1

Title is vested in: STATE OF IDAHO

Miscellaneous Comments: NO DEED IMAGE. STATE OF IDAHO ACQUIRED PRIOR TO 1980.

Legal Description: 09-3N-3W NE NE 1/4, EXPERIMENTAL FARMS

Current Owner: STATE OF IDAHO

Property Identifiers: 3267800000

Comments: NA

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

If Found:

1st Party: NA

2nd Party: NA

Dated: NA

Recorded: NA

Book: NA

Page: NA

Docket: NA

Volume: NA

Instrument #: NA

Comments:

Miscellaneous:

OTHER ACTIVITY AND USE LIMITATIONS (AULS)

Other AUL's: Found ☐ Not Found ☒

EDR Environmental Lien and AUL Search

If Found:

1st Party:	NA
2nd Party:	NA
Dated:	NA
Recorded:	NA
Book:	NA
Page:	NA
Docket:	NA
Volume:	NA
Instrument #:	NA
Comments:	
Miscellaneous:	

1st Party:	NA
2nd Party:	NA
Dated:	
Recorded:	NA
Book:	NA
Page:	NA
Docket:	NA
Volume:	NA
Instrument #:	NA
Comments:	
Miscellaneous:	

MISCELLANEOUS

Type of Instrument:	NONE IDENTIFIED
1st Party:	
2nd Party:	
Date Recorded:	
Instrument #:	
Book:	
Page:	
Comments:	

CAINE CENTER
1020 E. HOMELAND ROAD
CALDWELL, ID

Inquiry Number: 4968348.7S
JUNE 20, 2017

EDR Environmental Lien and AUL Search

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

EDR Environmental Lien and AUL Search

The EDR Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

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with any questions or comments.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

CAINE CENTER
S. 10TH AVENUE
CALDWELL, ID

RESEARCH SOURCE

Source 1: CANYON COUNTY RECORDER OF DEEDS

Source 2: IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY

Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PROPERTY INFORMATION

Deed 1

Title is vested in: STATE OF IDAHO

Miscellaneous Comments: NO DEED IMAGE. STATE OF IDAHO ACQUIRED PRIOR TO 1980.

Legal Description: 10-3N-3W NW NW 1/4 LESS TAX 15 EXPERIMENTAL FARMS

Current Owner: STATE OF IDAHO

Property Identifiers: 3272000000

Comments: NA

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

If Found:

1st Party: NA

2nd Party: NA

Dated: NA
Recorded: NA
Book: NA
Page: NA
Docket: NA
Volume: NA
Instrument #: NA
Comments:
Miscellaneous:

OTHER ACTIVITY AND USE LIMITATIONS (AULS)

Other AUL's: Found ☐ Not Found ☒

EDR Environmental Lien and AUL Search

If Found:

1st Party:	NA
2nd Party:	NA
Dated:	NA
Recorded:	NA
Book:	NA
Page:	NA
Docket:	NA
Volume:	NA
Instrument #:	NA
Comments:	
Miscellaneous:	

1st Party:	NA
2nd Party:	NA
Dated:	
Recorded:	NA
Book:	NA
Page:	NA
Docket:	NA
Volume:	NA
Instrument #:	NA
Comments:	
Miscellaneous:	

MISCELLANEOUS

Type of Instrument:	NONE IDENTIFIED
1st Party:	
2nd Party:	
Date Recorded:	
Instrument #:	
Book:	
Page:	
Comments:	

CAINE CENTER
1020 E. HOMELAND ROAD
CALDWELL, ID

Inquiry Number: 4968348.7S
JUNE 20, 2017

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- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

CAINE CENTER
1020 E. HOMELAND ROAD
CALDWELL, ID

RESEARCH SOURCE

Source 1: CANYON COUNTY RECORDER OF DEEDS

Source 2: IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY

Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PROPERTY INFORMATION

Deed 1

Title is vested in: THE REGENTS UNIVERSITY OF IDAHO

Miscellaneous Comments: NO DEED IMAGE. STATE OF IDAHO ACQUIRED PRIOR TO 1980.

Legal Description: 10-3N-3W NW TAX 15 IN NW 1/4

Current Owner: THE REGENTS UNIVERSITY OF IDAHO

Property Identifiers: 3272100000

Comments: NA

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

If Found:

1st Party: NA

2nd Party: NA

Dated: NA

Recorded: NA

Book: NA

Page: NA

Docket: NA

Volume: NA

Instrument #: NA

Comments:

Miscellaneous:

OTHER ACTIVITY AND USE LIMITATIONS (AULS)

Other AUL's: Found ☐ Not Found ☒

EDR Environmental Lien and AUL Search

If Found:

1st Party:	NA
2nd Party:	NA
Dated:	NA
Recorded:	NA
Book:	NA
Page:	NA
Docket:	NA
Volume:	NA
Instrument #:	NA
Comments:	
Miscellaneous:	

1st Party:	NA
2nd Party:	NA
Dated:	
Recorded:	NA
Book:	NA
Page:	NA
Docket:	NA
Volume:	NA
Instrument #:	NA
Comments:	
Miscellaneous:	

MISCELLANEOUS

Type of Instrument:	NONE IDENTIFIED
1st Party:	
2nd Party:	
Date Recorded:	
Instrument #:	
Book:	
Page:	
Comments:	

Caine Center
1020 E. Homedale Rd.
Caldwell, ID 83607

Inquiry Number: 4968348.6
June 15, 2017

The EDR Property Tax Map Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

NO COVERAGE

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with any questions or comments.

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Caine Center
1020 E. Homedale Rd.
Caldwell, ID 83607

Inquiry Number: 4968348.3
June 15, 2017

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

06/15/17

Site Name:	Client Name:
Caine Center	191 North, LLC
1020 E. Homedale Rd.	118 N 7TH St Ste C4
Caldwell, ID 83607	Coeur D Alene, ID 83814
EDR Inquiry # 4968348.3	Contact: Seth Brundige

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by 191 North, LLC 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 # E570-49A7-986B

PO # 2017-170029

Project Caine Center

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 #: E570-49A7-986B

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™

Limited Permission To Make Copies

191 North, LLC (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

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Caine Center
1020 E. Homedale Rd.
Caldwell, ID 83607

Inquiry Number: 4968348.4
June 15, 2017

EDR Historical Topo Map Report
with QuadMatch™

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

EDR Historical Topo Map Report

06/15/17

Site Name:	Client Name:
Caine Center	191 North, LLC
1020 E. Homedale Rd.	118 N 7TH St Ste C4
Caldwell, ID 83607	Coeur D Alene, ID 83814
EDR Inquiry # 4968348.4	Contact: Seth Brundige

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by 191 North, LLC 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.#	2017-170029	**Latitude:**	43.615939 43° 36' 57" North
Project:	Caine Center	**Longitude:**	-116.684446 -116° 41' 4" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	525461.89
		UTM Y Meters:	4829265.84
		Elevation:	2468.14' above sea level

Maps Provided:

2013
1971
1958
1903
1898

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Topo Sheet Key

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

2013 Source Sheets

Lake Lowell
2013
7.5-minute, 24000

Caldwell
2013
7.5-minute, 24000

1971 Source Sheets

Caldwell
1971
7.5-minute, 24000
Aerial Photo Revised 1971

Lake Lowell
1971
7.5-minute, 24000
Aerial Photo Revised 1971

LAKE LOWELL
1971
7.5-minute, 24000

1958 Source Sheets

Caldwell
1958
7.5-minute, 24000
Aerial Photo Revised 1954

Lake Lowell
1958
7.5-minute, 24000
Aerial Photo Revised 1956

1903 Source Sheets

NAMPA
1903
30-minute, 125000

Topo Sheet Key

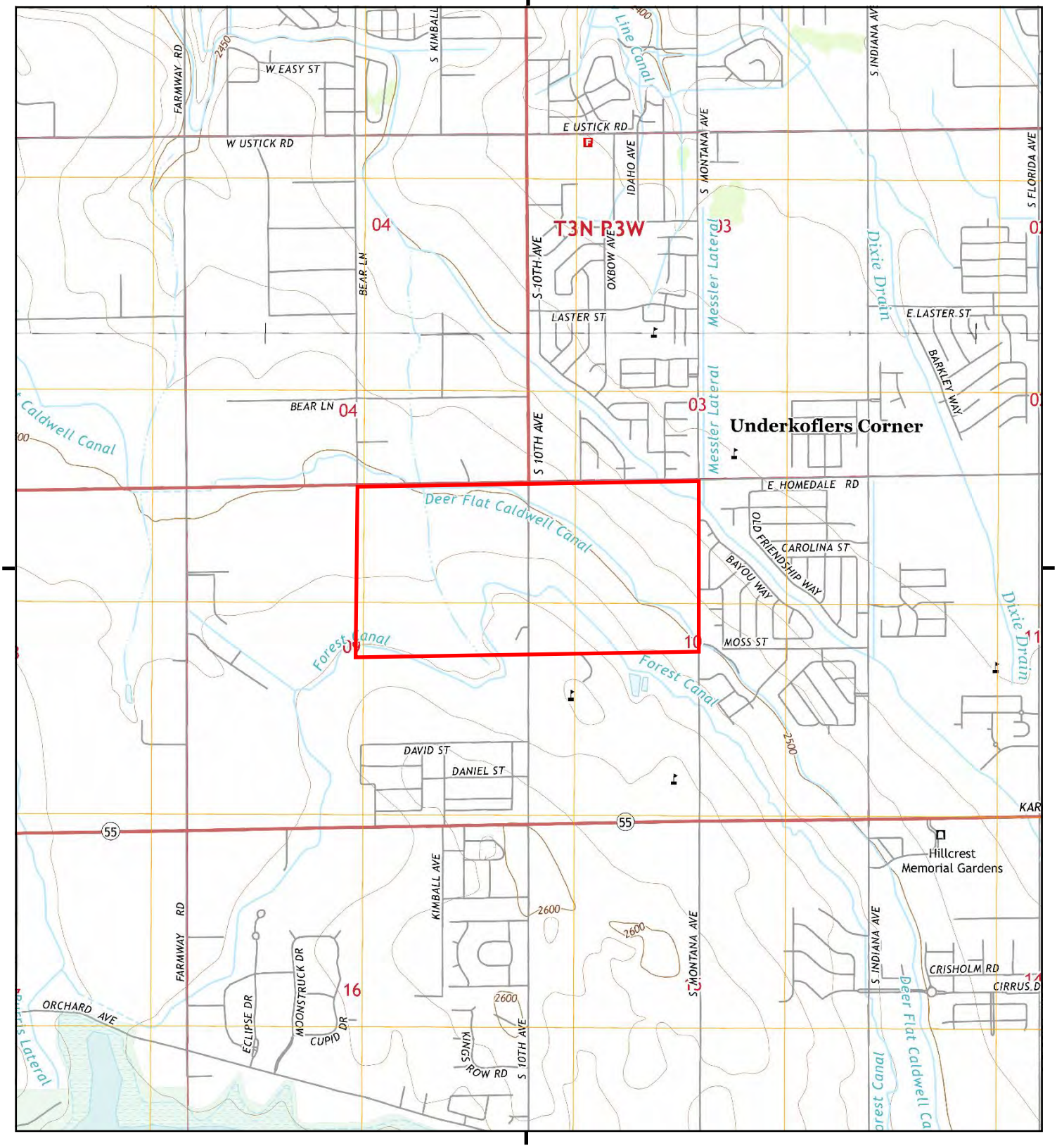
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1898 Source Sheets

Nampa
1898
30-minute, 125000

Historical Topo Map

2013



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

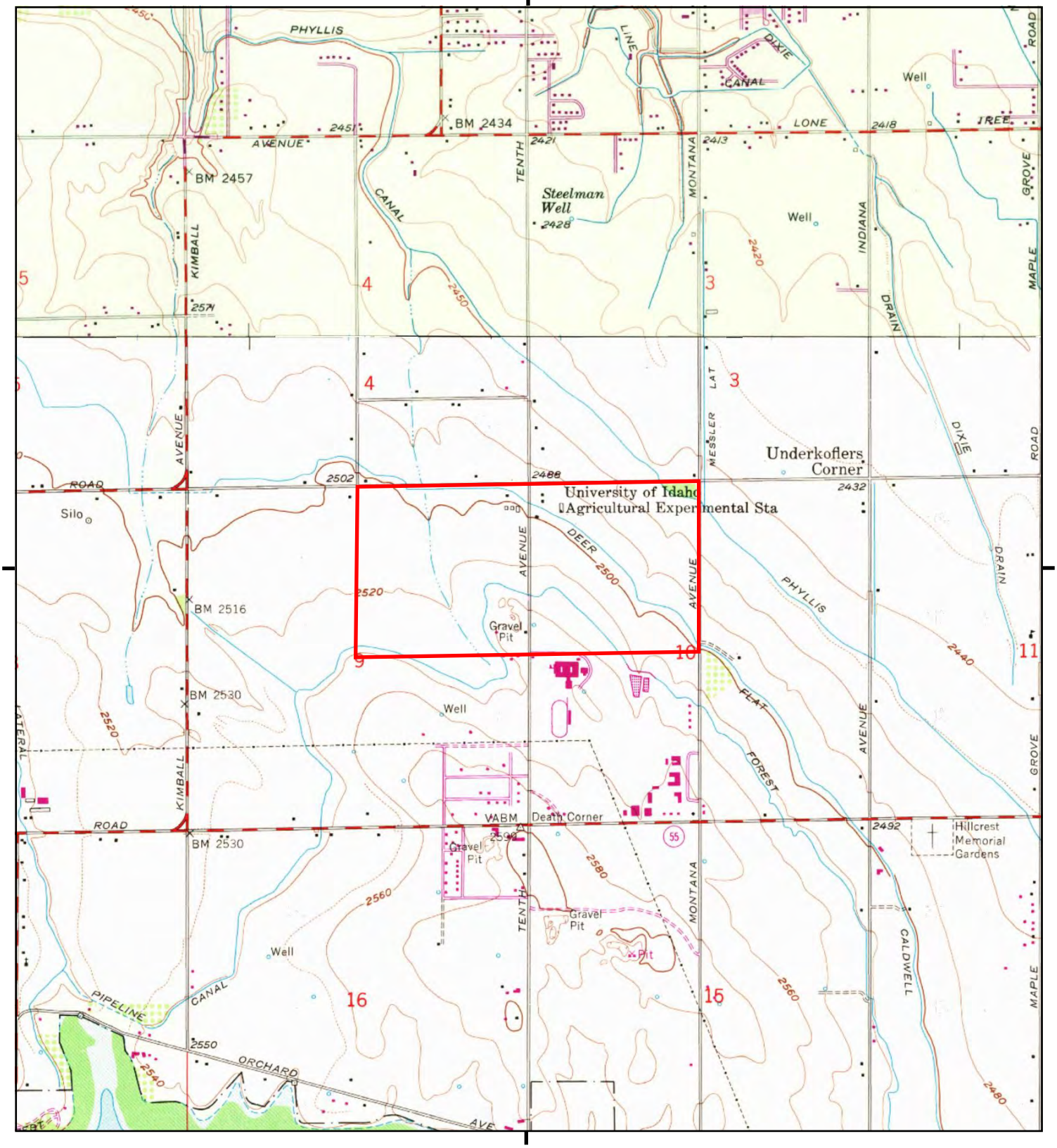
TP, Lake Lowell, 2013, 7.5-minute
N, Caldwell, 2013, 7.5-minute

SITE NAME: Caine Center
ADDRESS: 1020 E. Homedale Rd.
Caldwell, ID 83607
CLIENT: 191 North, LLC

N

Historical Topo Map

1971



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

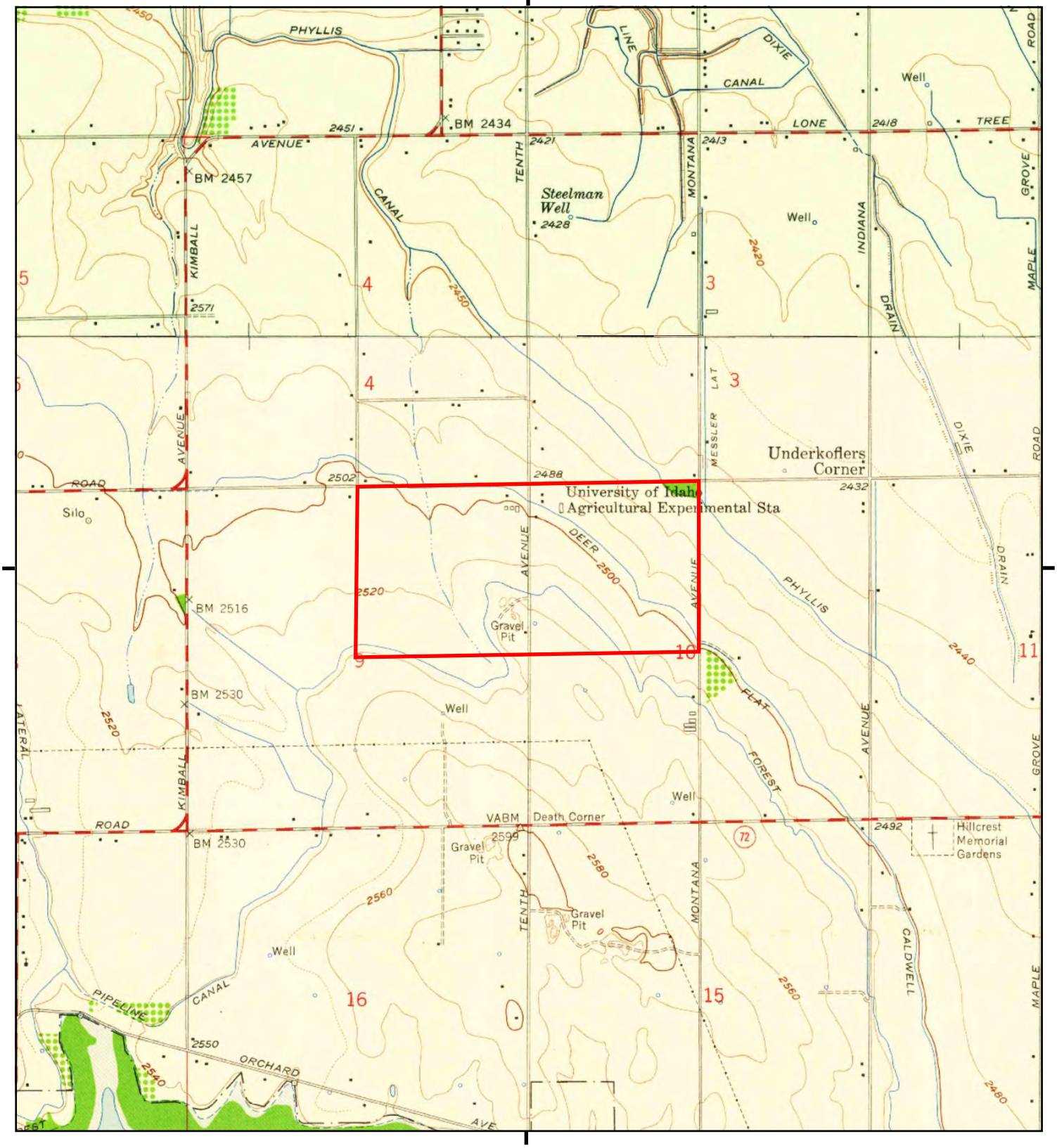
TP, Lake Lowell, 1971, 7.5-minute
N, Caldwell, 1971, 7.5-minute
TP, LAKE LOWELL, 1971, 7.5-minute

SITE NAME: Caine Center
ADDRESS: 1020 E. Homedale Rd.
Caldwell, ID 83607
CLIENT: 191 North, LLC

N

Historical Topo Map

1958



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

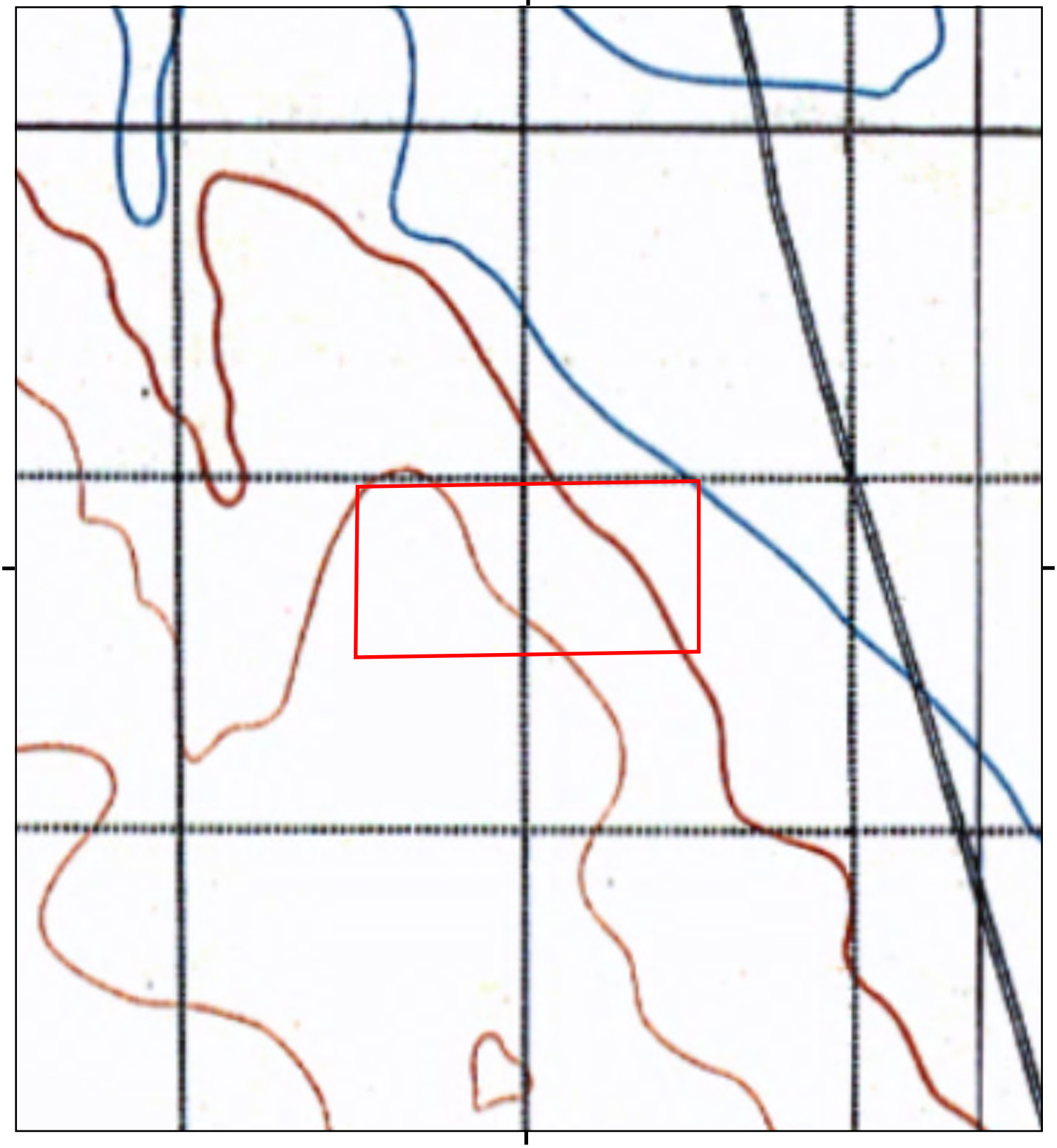
TP, Lake Lowell, 1958, 7.5-minute
N, Caldwell, 1958, 7.5-minute

SITE NAME: Caine Center
ADDRESS: 1020 E. Homedale Rd.
Caldwell, ID 83607
CLIENT: 191 North, LLC

N

Historical Topo Map

1903



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

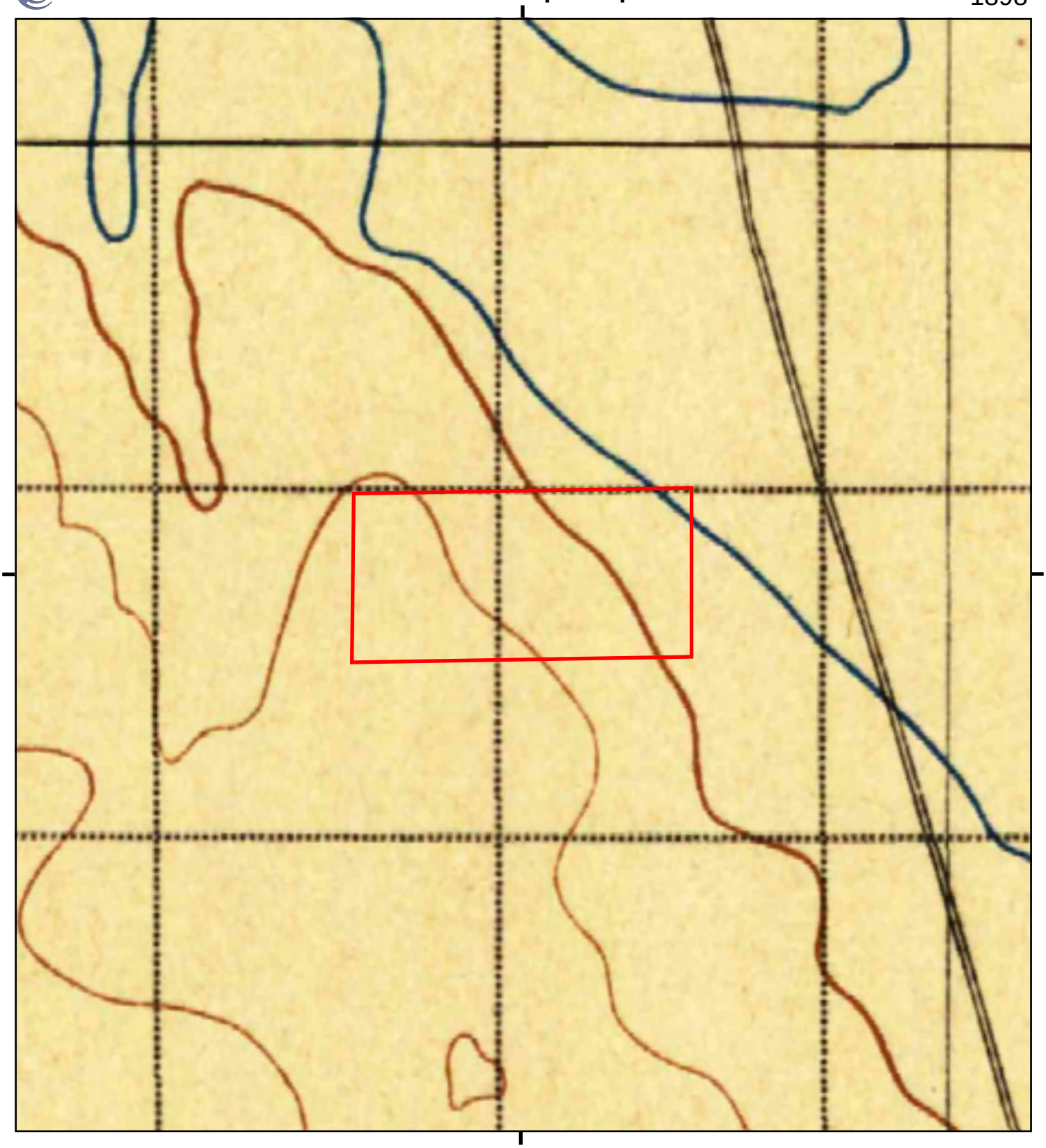
TP, NAMPA, 1903, 30-minute

SITE NAME: Caine Center
ADDRESS: 1020 E. Homedale Rd.
Caldwell, ID 83607
CLIENT: 191 North, LLC

N

Historical Topo Map

1898



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Nampa, 1898, 30-minute

SITE NAME: Caine Center
ADDRESS: 1020 E. Homedale Rd.
Caldwell, ID 83607
CLIENT: 191 North, LLC

N

Response to Request to Examine/Copy
Public Records

Today's Date: July 11. 2017 Date of Request: July 10. 2017

Name/Address of Requestor Seth Brundige
118 N. 7th St Ste C4
Coeur d' Alene Idaho 83814

[X] This is in response to your request for ENVIROMental Records - 1020 E. Homedale, 4 Records Attached, 16569 S. 10th Ave - NOTHING ON FILE.

[ ] Research has revealed the record(s) you requested do not exist at this agency.

You may wish to contact _____

[X] Your request has been approved. Documents enclosed.

[ ] Your request has been approved. Please contact the undersigned to arrange for time to exam records.

_____ Copies provided
$ 0 Total cost

[ ] It has been determined that additional time is required to locate and retrieve the records you requested. Said records shall be available on _____, or further information will be provided regarding your request within ten (10) days from the date of your request.

[ ] Your request has been denied as the following records are exempt from public disclosure for the stated reason.

	Idaho Code Section
_____	_____
_____	_____

Our attorney has reviewed your request and this response. Per Idaho Code 74-115 you have 180 calendar days to appeal this decision by petition to state district court in _____ _____county where all or a portion of the records are located.

C/Salts
Signature, Record Custodian
Telephone 208 455-5404
Southwest District Health
13307 Miami Lane
Caldwell, ID 83607

OPR: Administration
8/29/13

Request to Examine/Copy Public Records

TO: Southwest District Health

DATE: July 10, 2017

I hereby request, pursuant to Idaho Code Section 9-338, to examine and/or copy the following public records: (The Health Department has three (3) work days upon receipt of a written request to either grant or deny the request.)

Information of environmental concern regarding the Caine Center, Fish and Game, and other properties located at 1020 E. Homedale Road and 16569 S. 10th Avenue, Canyon County parcel numbers 32678000 0, 32720000 0, and 32721000 0.

- ○ These records pertain to me.
- ○ I wish only to examine these records.
- ◉ I wish a copy of these records and I understand there will be a charge for each copy unless I clearly demonstrate that I do not have the ability to pay for such copies.

Printed Name: Seth Brundige

Mailing Address: 118 N. 7th St. Ste C4
Coeur d'Alene, Idaho
83814

Telephone Number: 208-391-6923

Signature: *Seth Brundige*

I acknowledge by my signature that the records being sought by this request will not be used for a mailing or telephone list as set forth in the Idaho Code Section 9-348.

MP

FINAL/AS-BUILT--Subsurface Sewage Disposal

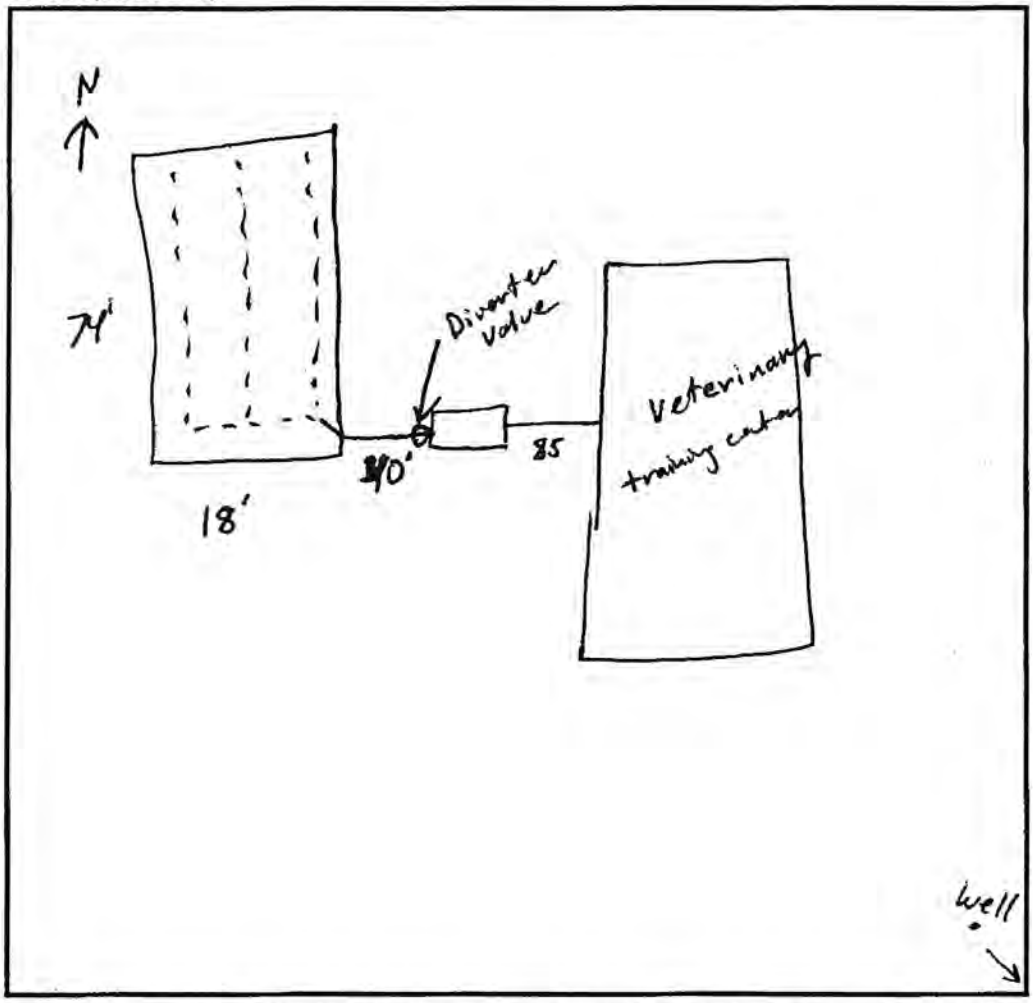
Receipt No.: 15244 Date: 1-9-08
Site Fee: 110.00 Permit Fee: 90.00

Southwest District Health
Environmental Health Services
920 Main Street, Caldwell, Idaho 83605
Phone: 208.455.5400 Fax: 208.455.5405

Document # 1-23418
Parcel # 327210000

Owners Name: University of Idaho
Property Address: 1020 E. Homedale Rd. Caldwell
Legal Description: Township 3N Range 3W Section 3
Subdivision: Lot Block Size: 40 (acres)

Asbuilt (not to scale)



System Type: D
Septic Tank (Gallons): existing
Septic Tank Mfg.: existing
Standpipe: yes
Manhole Depth (Inches): +10
Dimensions Width (Ft): 18
Dimensions Length (Ft): 74
Absorption Area (Sq. Ft.): 1332
Gravel (Yards): 90
Sand (Yards): —
Depth to Pipe (Inches): 68
Depth Under Pipe (Inches): 6+
Well Installed:
☒ Yes ☐ No
Distance to Well (Ft): ≥ ½ mile

Upon approval, a copy of this final/asbuilt may need to be provided to the local zoning authority to obtain occupancy.

Installer: Nampa Septic Number: 1149 Notes/Conditions of Approval:

Dan W Capp
EHS Final Inspection Signature
95 4/16/08
EHS Code Date

DATE	4/16/08			
TRAVEL	35			
INSPECT	15			
EHS	95			

TI-23418

Policy No: 3-003
Attachment #1

Non-Conformance Acknowledgment and Release of Liability

I Lloyd Mues represent UI, ~~am~~ the current owner of real property located at 1020 E Homedale Rd, Caldwell, ID 83607. I hereby acknowledge, understand, and agree to the following:

1. I acknowledge that I am jointly and individually responsible for maintaining conformance with Idaho's Rules for Individual/Subsurface Sewage Disposal, IDAPA 58, Title 01, Chapter 03, as defined in IDAPA 58.01.03.002.04.

2. I understand that the Rules for Individual/Subsurface Sewage Disposal, IDAPA 58, Title 01, Chapter 03, are not being met for permit # I-23418 and that Southwest District Health (SWDH) has granted the exceptions listed on the permit, as duly authorized in IDAPA 58.01.03.008.12, and dus to the on-site public health risk.

3. I understand that my subsurface sewage disposal system is considered a non-conforming system. I understand that non-conforming systems do not meet the Rules For Individual/Subsurface Sewage Disposal, IDAPA 58, Title 01, Chapter 03, and that neither I nor future owners will be allowed future voluntary additions or alterations unless current permitting requirements are met.

4. I agree to waive or release any right, claim, or cause of action which I may now have, or which I may have in the future, against SWDH, from any and all additional effects that may be caused or may have been caused by the permitting and installation of the non-conforming subsurface sewage disposal system. I am agreeing to this because I understand it is not optional and is required in order to obtain a permit.

5. I acknowledge that upon sale of this property, disclosure of any and all information relating to this subsurface sewage disposal system lies solely with me and/or my representatives/agent, and not with SWDH.

Signature _____ Date 18 Mar 08

Lloyd Mues, Vice President for Finance and Administration
University of Idaho

PERMIT-Subsurface Sewage Disposal

Southwest District Health
Environmental Health Services
920 Main Street, Caldwell, Idaho 83605
Phone: 208.455.5400 Fax: 208.455.5405

Receipt No.: 15244 Date: 1-9-08
Site Fee: 110.00 Permit Fee: 90.00

Document # 1-23418
Parcel # 32 7210000

Owners Name: University of Idaho
Property Address: 1020 E. Homedale Rd. Caldwell
Legal Description: Township 3N Range 3W Section 3
Subdivision: Lot Block Size: 40 (acres)

Test Hole #1	Test Hole #2	Test Hole #3
0-3' B-2 Silt loam 3'-75" Hardpan & soil/Hardpan mix 75"-110" B-1 sandy loam 110"-11.5' A-1 med sand		

☐New System ☐Enlargement
☒Replacement ☐Tank Only
☐ Site Evaluation Request

# of Bedrooms: 28 Staff + 590 misc
Design Flow: 1290
Min. Septic Tank Gal: 2580
Dwelling Type: commercial
Soil Texture: ~~A-1~~ A-2a
Min. Effective Area: 1290

Notes/Conditions of Approval:

System will be non conforming due to depth. Achive A-1 sand, back fill to depth needed to hook into plumbing. * Staff of 28 x 25 = 700 Also use ≈400 gallon per day for clean up & equipment sanitation etc. plus aprox another 150-190 misc. gallons per day possible (for periodic or intermitant processes) misc clean-up etc. (use has not changed since '93')

Drainfield(s) must be located within fifty (50) feet of the referenced test hole. If soils change or an alternative location is desired, additional test hole(s) will be required. Upon approval, a copy of this permit will need to be provided to the local zoning authority to obtain a building permit.

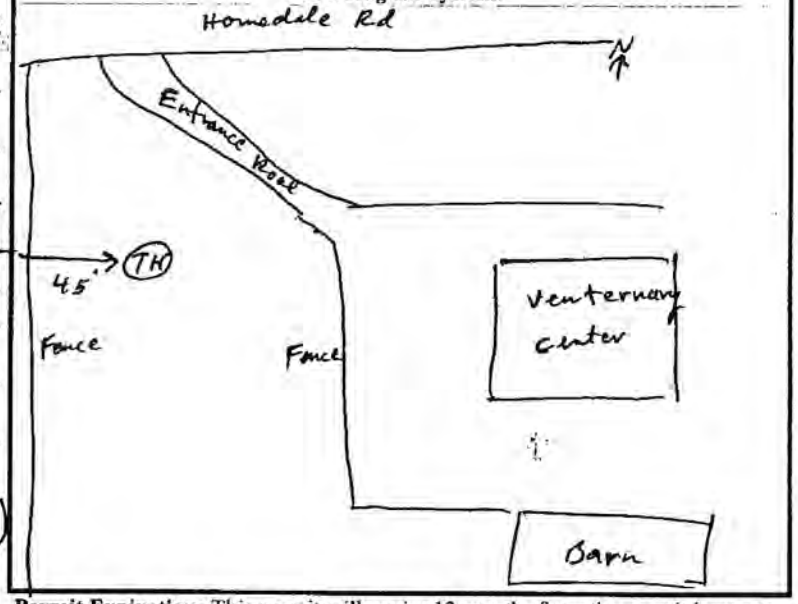
Dan Ugalde
EHS Permit Issuer Signature

95 1/4/08
EHS Code Date

DATE	1/11/08		
TRAVEL	40		
INSPECT	30		
EHS	95		

EHS Approved Location:

This is NOT a final inspection. A final inspeciton is required prior to covering the system.



Permit Expiration: This permit will expire 12 months from the permit issuance date unless renewed. Two renewals are allowed.

Replacement Systems Only: Origional system failed per IDAPA 58.01.03.003.13.b/c. The replacement system meets the Intent of the Regulation per IDAPA 58.01.03.004.01. To alleviate immediate potential public health concerns caused by a failed system, the allowance specified in the Conditions of Approval or Remarks section are hereby granted; however, these allowances can cause the subsurface sewage disposal system to be a Non-Conforming system. Non-Conforming systems do not meet current code and will not be allowed future voluntary additions or alterations unless current permitting requirements are met.

Conforming System ☐ **Non-Conforming System** ☒

Southwest District Health Department

920 Main Street
Caldwell, Idaho 83605

Caldwell 454-7608
Payette 642-9321
Murphy 495-2421
Nampa 465-8402
Emmett 365-6371
Weiser 549-2370
Homedale 337-4641

T1-21348

25481

For Office Use Only
Document Number 6262

Site Eval. Charge NC
Permit Fee NC

Receipt # —
Receipt # —

Date —
Date 2-8-93

Legal Description T 3W R 3W Sec 3
Site Location:
Corner of Montana and Homedale

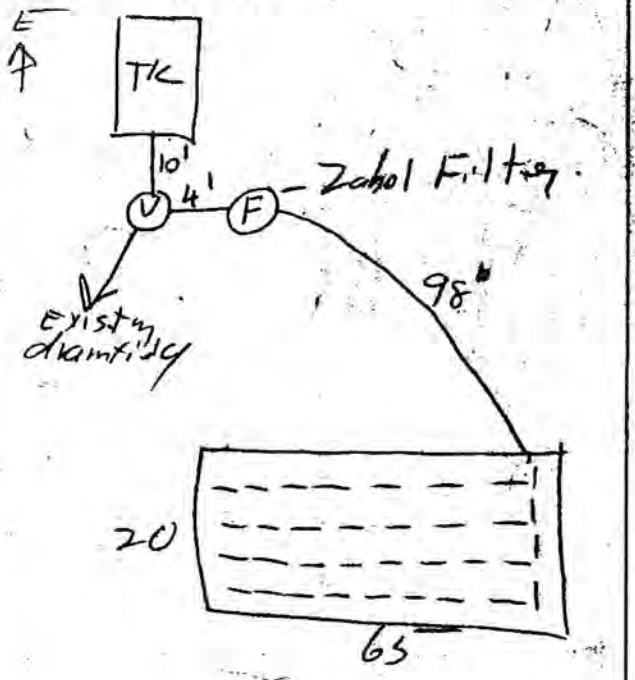
INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL APPLICATION/PERMIT

Property Owner University of Idaho
Property Address 1020 E Homedale Rd
City Caldwell County Canyon
Phone 459-4-8657
Applicant Signature Linda A. Albee

☐ New ☒ Replacement Lot Size —
# of Bedrooms — Flow 1290 Gal.
Septic Tank 2580 Eff. Area 1290 Sq.Ft.
Type: ☐ Standard ☐ Alternate ☒ Bed
☒ Trench ☐ Pit ☐ Other
Soil Texture Classification: A
Test Hole Evaluation Results: Coarse sand aff #1

Permit Issued
Guy Mundy 59 2-9-93
EHS Signature EHS Code Date
This application must be signed by a licensed Environmental Health Specialist before it is considered a valid permit. (Valid for 1 year)

7 units x 35 = 245
12 technicians x 35 = 420
2 Secretaries x 20 = 40
6 students x 25 = 150
1 janitor x 35 = 35
Hookup = 400 gallons
Total = 1290
3 gal. blood hassle



Drainfield Distance from Adjacent Wells 7100 ft.
Distance to Temporary Surface Water 501 ft.
Distance to Permanent Surface Water 7200 ft.
Static Water Table Depth 710 ft.
Licensed Installer pending
Site Evaluation Inspection:
Guy Mundy 59 2-9-93
EHS Signature EHS Code Date
The size of the drainfield will be determined at the time of the site inspection.

Septic Tank: 0715 gal. Mfr. —
Standpipe Yes manhole depth +12 ins
Absorption area: 1300 sq.ft.
Dimensions: Width 20 ft. Length 65 ft.
Gravel: 50 yds Depth under pipe 6 in.
Depth to pipe 8 Dist. to well 7100 ft
Licensed installer or owner installed Higer Plumbing
Final EHS Approval
Guy Mundy 59 2-19-93
EHS Signature EHS Code Date

Date	2-9-93	2-16-93	2-19-93
Travel	15	15	25
Inspect	20	20	15

Remarks:

FEB 22 1993

Installation shall comply with all applicable rules, regulations, and standards.
NOTE: This is not a building permit, a building permit may be required by the County or City.

ASTM E-1527-13 PHASE I ENVIRONMENTAL SITE ASSESSMENT
USER QUESTIONNAIRE

Please complete and return this questionnaire before 191 North's Site reconnaissance. For those questions that are not applicable to the subject please respond with an "N/A". This document must be signed by the User or his/her representative to be valid. Please do not hesitate to call 191 North if you have any questions. If additional pages for response are necessary, please attach them to this form when submitting. This document will be included in the 191 North report for the Site.

SITE / PROPERTY INFORMATION:

Property Name Caine Center		
Property Address 1020 E. Homedale Ave, 0 S 10th Ave, 16569 S 10th Ave		
City Caldwell	State ID	Zip 83720
County Assessor's Parcel Number(s) 327210000 0, 32720000 0, 32678000 0		
Current Property Owner Name and Phone Number Idaho Dept. of Lands & The Regents of University of Idaho		
Site Contact (name, phone number, e-mail) Gerard Billington, Real Estate Officer, University of Idaho 208-885-6468 gerardb@uidaho.edu		
Property Legal Description (attach to end of this questionnaire for larger descriptions or multiple lot descriptions) see attached legal description.		
Previous Property/Site Owner Name and Phone Number:	Current Property Owner Name and Phone Number: Gerard Billington 208-885-6468	
Historical Property Use: Agriculture & Veterinary Medicine	Previous Property Use Names/Called:	
Property Maintenance Personnel Name and Phone Number:	Name of Knowledgeable Person in Regards to the Site/Property and Contact Information Jim England; 208-369-6030	

COMPLETED BY

Signature	Date: 6/19/2017
Printed Name: Gerard Billington	Title: Real Estate Officer, University of Idaho

PLEASE PROVIDE A GENERAL DESCRIPTION OF THE SITE:

Property Size (acres, square feet):	Date Current Owner Purchased Property/Site:
320 acres total	

Number of Buildings at the Site:

There are approximately 21 buildings that appear to be sheds, shops or barns. There are approximately 8 residences on the property as well as the Caine Center building.

Square Footage of Each Building (If Applicable):

unknown

Date Buildings Constructed (Identify each building and construction date):

unknown

Have there been significant renovations? (If yes, identify building and date of renovation):

unknown

Site Zoning: (commercial, residential, agricultural, industrial, etc.):

AG- Agricultural

Waste water discharge

☐Municipal Sanitary Sewer: _____ ☒On-site septic system ☐Other

Name of Municipality/Provider

Potable water source

☐Community Water Supplier: _____ ☒On-site well ☐Other

Name of Municipality/Provider

List all utility companies providing service to the property:

Electric Provider: Idaho Power

Natural gas or on site propane? (List type and name provider) Intermountain Gas

Others (cable, telephone, etc.) Department Administration

Please describe any prior uses of the property, if known, use additional paper if needed:

farms

List all known utility easements both underground and above ground, including all pipelines:

Underground powerline easement to Idaho Power.
Overhead powerline easements to Idaho Power.
Experimental Farm easement to University of Idaho.

Please list the previous owner(s) of the property(s) (if you have a chain of title from the property purchase, please attach it to the end of this document-contact your Title Company for this as this is required to complete your Phase I ESA):

PREVIOUS ENVIRONMENTAL INVESTIGATIONS:

Have any previous environmental investigations been performed at the site? ■Yes ☐No	
INVESTIGATION TYPE: **If yes, please describe conclusions, and attach copy of report(s).**	
☐ Phase 1 ESA	
☐ Phase 2 ESA	
☐ Tank Tightness Testing	
☒ Asbestos Survey/ O&M	done when Caine Center flooded; absestos in mastic in flooring; not in plumbing
☐ Radon	
☒ Lead-based Paint	Likely on old R&E buildings; survey possibly done years ago
☐ Lead in Water	
☐ Operations & Maintenance Plan(s)	
☐ Other	

ON-SITE EQUIPMENT / OPERATIONS / STORAGE / PROCESSES

Are you aware of any of the following conditions, either past or present, on the site?		
Condition	**Respons**	**If yes, please describe (Location, size, use).**
1. Stored Chemicals	■Yes ☐No	only lab chemicals; all removed
2. Underground Storage Tanks	■Yes ☐No	possibly fuel tanks near old feedlot
3. Aboveground Storage Tanks	■Yes ☐No	at old R&E Center; all removed
4. Spills or Releases	☐Yes ■No	
5. Dump Areas/ Landfills	☐Yes ■No	
6. Waste Treatment Systems	☐Yes ■No	
7. Clarifies/ Separators	☐Yes ■No	
8. Air stacks/ Vents/ Odors	■Yes ☐No	large animal incinerator
9. Floor Drains/Sumps	■Yes ☐No	septic tanks
10. Stained Soil/ Impacted Vegetation	■Yes ☐No	scrapie areas remediated
11. On-site OWNED Electrical Transformers	☐Yes ■No	
12. Hydraulic lifts/ Elevators	■Yes ☐No	2 surgical tables each with 1.5 gal hydraulic fluid
13. Dry Cleaning Operations	☐Yes ■No	
14. Wetlands/ Flooding	☐Yes ■No	
15. Oil/ Gas/ Water/ Monitoring Wells	☐Yes ■No	
16. Environmental Cleanups	■Yes ☐No	scrapie areas remediated

Are you aware of any of the following conditions, either past or present, on the site?		
Condition	**Response**	**If yes, please describe, and submit permit with this.**
17. Environmental Permits		
a) Industrial Discharge	☐Yes ▣No	
b) POTW (NPDES)	☐Yes ▣No	
c) Hazardous Waste Generator	☐Yes ▣No	
d) Air Quality (asbestos, fume hood, etc.)	▣Yes ☐No	chemistry fume hoods (2)
e) Flammable Materials	☐Yes ▣No	
f) AST/UST	☐Yes ▣No	
g) Waste Manifest(s)	☐Yes ▣No	
h) Other	☐Yes ▣No	

OFF SITE ENVIRONMENTAL CONCERNS

Are you aware of any of the following conditions, either past or present, Adjacent to the site?		
Condition	**Response**	**If yes, please describe**
Gasoline Stations	☐Yes ▣No	
Dry Cleaners	☐Yes ▣No	
Industrial Uses	☐Yes ▣No	
Other	☐Yes ▣No	feedlot

ON-SITE ENVIRONMENTAL CONCERNS – ASTM REQUIRED INQUIRIES

In order to qualify for one of the *Landowner Liability Protections* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 the *user* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30 and 312.31.

1) Environmental liens that are filed or recorded against the site/property (40 CFR 312.25). Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law, from a search of recorded land title records (or judicial records where appropriate)?	☐Yes ▣No
2) Activity and use limitations (AULs) that are in place on the site/property or that have been filed or recorded against the site/property (40 CFR 312.26(a)(1)(v) and (vi)). Are you aware of any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site/property and/or have been filed or recorded against the site/property under federal, tribal, state or local law from a search of recorded land title records (or judicial records where appropriate)?	☐Yes ▣No
3) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28). 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 an adjoining *property* so that you would have specialized knowledge of the chemicals and processes used by this type of business?	☐Yes ☐No
4) Relationship of the purchase price to the fair market value of the *property* if it were not contaminated (40 CFR 312.29). Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*?	☐Yes ☐No

5) Commonly known or *reasonably ascertainable* information about the *property* (40 CFR 312.30).
Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases?
For example: (CIRCLE / CHECK ANSWER)
(a.) Do you know the past uses of the *property*? ▣Yes ☐No
(b.) Do you know of specific chemicals that are present or once were present at the *property*? ▣Yes ☐No
(c.) Do you know of spills or other chemical releases that have taken place at the *property*? ☐Yes ▣No
(d.) Do you know of any environmental cleanups that have taken place at the *property*? ▣Yes ☐No

6) The degree of obviousness of the presence of likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31). Based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of releases at the property?	■Yes ☐No

In addition, the following information should be collected and provided to 191 North. The information includes:

a) The scope of services desired beyond the Phase I requirements (including whether any parties to the property transaction may have requirements in addition to the requirements of Practice E 1527-13 such as radon, asbestos, mold, etc.):

Depends on the results of the Phase 1 ESA.

b) The reason why a Phase I is being performed:

The property is being sold.

c) Identification of all parties who will rely on the Phase I report:

IDL, its contractors and prospective purchasers.

d) Type of property transaction (sale, purchase, refinance, exchange, etc.)

Sale.

Please submit other knowledge or documents in connection to the site that may be pertinent to the environmental professional (for example, copies of any available prior environmental site assessment reports, documents, correspondence, etc., concerning the *property* and its environmental condition).

118 N. 7th Street, Suite C4
Coeur d'Alene, ID 83814
(208) 391-6923

USE TYPEWRITER OR BALL POINT PEN

State of Idaho
Department of Water Resources

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, **Department of Water Resources within 30** days after the completion or abandonment of the well.

Received 6-16 DWR

1. WELL OWNER

Name Gegory Black

Address 304 Spruce Caldwell

Owner's Permit No. _____

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe method of abandoning)

_____

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type)

☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

4. METHOD DRILLED

☒ Cable ☐ Rotory ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 6 inches Total depth 105 feet

Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
6 inches	.250 inches	+ 2 feet	100 feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was casing drive shoe used? ☒ Yes ☐ No

Was a packer or seal used? ☐ Yes ☒ No

Perforated? ☐ Yes ☒ No

How perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☐ Yes ☒ No

Manufacturer's name _____

Type _____ Model No. _____

Diameter ___ Slot size ___ Set from _____ feet to _____ feet

Diameter ___ Slot size ___ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☒ No Size of gravel _____

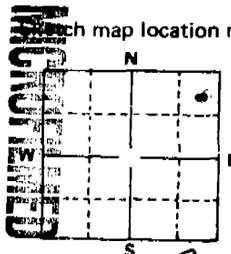
Placed from _____ feet to _____ feet

Surface seal depth 20' Material used in seal ☐ Cement grout ☐ Puddling clay ☒ Well cuttings

Sealing procedure used ☒ Slurry pit ☐ Temporary surface casing ☒ Overbore to seal depth

6. LOCATION OF WELL

Each map location must agree with written location. (63)



Subdivision Name _____

Lot No. _____ Block No. _____

County Canyon

NE ¼ NE ¼ Sec. 9, T. 3 N/S, R. 3 E/W

7. WATER LEVEL

Static water level 10 feet below land surface

Flowing? ☐ Yes ☒ No G.P.M. flow _____

Temperature _____ ° F. Quality _____

Artesian closed-in pressure _____ p.s.i.

Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☐ Pump ☐ Bailer ☒ Other

Discharge G.P.M.	Draw Down	Hours Pumped
100		1 hr.

9. LITHOLOGIC LOG

028944

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
8	0	2	Top soil		/
8	2	20	Sand		X
6	20	50	gravel	X	
6	50	58	Sand	X	
6	58	60	clay		X
6	60	98	Sand	X	
6	98	101	Clay		X
6	101	105	Sand	X	

10.

Work started 6/3/76 finished 6/8/76

11. DRILLERS CERTIFICATION

Firm Name Bill Doty Well Drilling Firm No. 42

Address Route 2 Date 6/21/76

Signed by (Firm Official) Bill Doty

and

(Operator) Bill Doty

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE COPY TO THE DEPARTMENT

USE TYPEWRITER OR BALL POINT PEN

State of Idaho
Department of Water Resources

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, **Department of Water Resources within 30** days after the completion or abandonment of the well.

1. WELL OWNER

Name State of Idaho - Dept. of Administration

Address

Owner's Permit No.

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe method of abandoning)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type)

☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

4. METHOD DRILLED

Reverse
☐ Cable ☒ Rotory ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 28 inches Total depth 355 feet
Casing schedule: ☐ Steel ☐ Concrete

Thickness	Diameter	From	To
.365 inches	10 inches	+ 2 feet	278 feet
.365 inches	10 inches	283 feet	294 feet
.365 inches	10 inches	304 feet	316 feet
.365 inches	10 inches	336 feet	346 feet
inches	inches	feet	feet

Was casing drive shoe used? ☐ Yes ☒ No
Was a packer or seal used? ☐ Yes ☐ No
Perforated? ☐ Yes ☐ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation inches by inches

Number	From	To
perforations	feet	feet
perforations	feet	feet
perforations	feet	feet

Well screen installed? ☒ Yes ☐ No
Manufacturer's name Johnson
Type Stainless Steel Model No.
Diameter 10 Slot size 40 Set from 278 feet to 283 feet
Diameter 10 Slot size 40 Set from 294 feet to 304 feet
10 40 316 336
Gravel packed? ☒ Yes ☐ No Size of gravel
Placed from 110 feet to 355 feet

Surface seal depth 20' Material used in seal ☒ Cement grout
☒ Puddling clay ☒ Well cuttings
Sealing procedure used ☐ Slurry pit ☐ Temporary surface casing
☒ Overbore to seal depth

6. LOCATION OF WELL

Sketch map location must agree with written location.

63

N / W / E

Subdivision Name
Lot No. Block No.

County Canyon

NE ¼ NW ¼ Sec. 10, T. 3 N/S, R. 3 E/W

7. WATER LEVEL

Static water level 38 feet below land surface
Flowing? ☐ Yes ☐ No G.P.M. flow
Temperature ° F. Quality
Artesian closed-in pressure p.s.i.
Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☐ Pump ☐ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped

9. LITHOLOGIC LOG 028947

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
	1	2	top soil		
	2	6	hard pan		
	6	23	sand & River rock		
	23	24	brown clay		
	24	35	sand/gravel with some river rock		
	35	41	gray clay		
	41	43	fine gray sand		
	43	92	gray clay		
	92	93	fine gray sand		
	93	97	gray clay		
	97	115	fine gray sand		
	115	120	brown clay		
	120	132	gray sand		
	132	144	gray clay		
	144	152	gray sand		
	152	170	gray clay		
	170	215	fine gray sand		
	215	220	gray clay/sand		
	220	230	fine to med gray sand		
	230	232	gray clay		
	232	240	fine gray sand		
	240	243	gray clay		
	243	248	fine gray sand		
	248	252	gray clay		
	252	254	fine gray sand		
	254	260	gray clay		
	260	336	fine to med gray sand		
	336	342	gray clay		
	342	355	gray fine sand		

10.

Work started 8/29/76 finished 9/1/76

11. DRILLERS CERTIFICATION

Firm Name PETE COPE DRILLING CO., INC Firm No. 213
P.O. Box 561
Address Meridian, Idaho 83642 Date 9/1/76

Signed by (Firm Official) Pete Cope
and
(Operator) Edwin L. Mobley

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE COPY TO THE DEPARTMENT

Form 238-7
11/97 JGE

8 11284

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only
Inspected by
Twp Rge Sec
1/4 1/4 1/4
Lat: Long:

1. WELL TAG NO. D 0030830
DRILLING PERMIT NO.
Other IDWR No.

2. OWNER:
Name IDAHO POWER COMPANY
Address FRANKLIN RD
City BOISE State ID Zip

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S

Twp. 3 North [X] or South [ ]
Rge. 3 East [ ] or West [X]
Sec. 3 1/4 (10 acres) SW 1/4 (40 acres) SW 1/4 (160 acres)
Gov't Lot County CANYON
Lat: Long:
Address of Well Site NE CORNER OF HOMEDALE AND S 10TH AVE. - CALDWELL City
(Give at least name of road + Distance to Road or Landmark)
Lt. Blk. Sub. Name

4. USE:
[X] Domestic [ ] Municipal [ ] Monitor [ ] Irrigation
[ ] Thermal [ ] Injection [ ] Other

5. TYPE OF WORK: check all that apply
[X] New Well [ ] Modify [ ] Abandonment [ ] Other (Replacement etc.)

6. DRILL METHOD:
[X] Air Rotary [ ] Cable [ ] Mud Rotary [ ] Other

7. SEALING PROCEDURES:

Seal/Filter Pack Material	From	To	AMOUNT Sacks or Pounds	METHOD
BENTONITE	0	18	450#	POUR

Was drive shoe used? [X] Y [ ] N Shoe Depth(s) 118
Was drive shoe seal tested? [X] Y [ ] N How? AIR

8. CASING/LINER:

Diameter	From	To	Guage	Material	Casing	Liner	Welded	Threaded
6	+2	118	250	STEEL	[X]	[ ]	[X]	[ ]
					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]

Length of Headpipe Length of Tailpipe

9. PERFORATIONS/SCREENS:
[ ] Perforations Method
[ ] Screens Screen Type

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						[ ]	[ ]
						[ ]	[ ]
						[ ]	[ ]

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
59 ft. below ground Artesian pressure lb.
Depth flow encountered ft. Describe access port or control devices:

11. WELL TESTS:
[ ] Pump [ ] Bailer [X] Air [ ] Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
30	0	110	2 HR

Water Temp. Bottom hole temp.
Water Quality test or comments:
Depth first Water Encounter

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
10	0	3	SAND/ GRAVEL FILL		
	3	6	TOP SOIL		
	6	18	SAND/ GRAVEL		
6	18	32	SAND/ GRAVEL		
	32	70	SAND/ SOME CLAY		
	70	110	SAND	X	
	110	122	HARD YELLOW CLAY		
	122	124	SAND	X	

RECEIVED
MAR 18 2004
WATER RESOURCES
WESTERN REGION

Completed Depth 124 (Measurable)
Date: Started 2/19/2004 Completed 2/20/2004

13. DRILLER'S CERTIFICATION:
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name DAVIS WELL & PUMP Firm No. 101
Firm Official Date 3/16/2004
and
Driller or Operator Chris Davis Date 3/16/2004
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

USE TYPEWRITER OR BALL POINT PEN

State of Idaho
Department of Reclamation

WELL DRILLER'S REPORT

State law requires that this report be filed with the State Reclamation Engineer within 30 days after completion or abandonment of the well.

Department of Water Administration

1. WELL OWNER

Name DEAN STRANGE
WEST LINDEN
Address CALDWELL IDAHO

Owner's Permit No. _____

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe method of abandoning)

_____

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test

☐ Municipal ☐ Industrial ☒ Stock

4. METHOD DRILLED

☒ Cable ☐ Rotory ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 6 inches Total depth 75 feet
Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
.250 inches	6 inches	+1 feet	75 feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

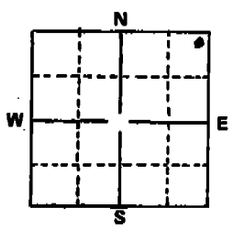
Well screen installed? ☐ Yes ☒ No
Manufacturer's name _____
Type _____ Model No. _____
Diameter ___ Slot size ___ Set from _____ feet to _____ feet
Diameter ___ Slot size ___ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☒ No Size of gravel _____
Placed from _____ feet to _____ feet

Surface seal? ☒ Yes ☐ No To what depth 18 feet
Material used in seal ☐ Cement grout ☒ Puddling clay

6. LOCATION OF WELL

Sketch map location must agree with written location.



63
2
0

County CANYON

NE ¼ NE ¼ Sec. 9, T. 3 N, R. 3 W

7. WATER LEVEL

Static water level 23 feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Temperature _____ ° F. Quality GOOD
Artesian closed-in pressure _____ p.s.i.
Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☐ Pump ☒ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped
12	5	1

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
6	0	6	TOPSOIL		✓
	6	31	GRAVEL-SAND	✓	
			MIXED		
	31	37	SANDY BROWN CLAY		✓
	37	75	BROWN CLAY		✓
	75		WHITE SAND	✓	

001509

10.

Work started JULY 8-70 finished JULY-11-70

11. DRILLER'S CERTIFICATION

This well was drilled under my supervision and this report is true to the best of my knowledge.

METZER WELL DRILLING 93
Driller's or Firm's Name Number

BOX 511 HOMEDALE IDAHO
Address

Kenneth Metzer July 11-70
Signed By Date

USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE, BLUE, AND PINK COPIES TO THE DEPARTMENT

STATE OF IDAHO
DIVISION OF
ENVIRONMENTAL QUALITY

1445 North Orchard • Boise, Idaho 83706-2239 • (208) 373-0550

Dirk Kempthorne, Governor
C. Stephen Allred, Administrator

August 26, 1999

Clif Squires
Idaho Division of Public Works
502 North 4th Street
Boise, Idaho 83720

Re: Environmental Assessment Reports for Two Underground Storage Tank (UST) Decommissionings at the University of Idaho Caldwell Research and Extension Center located at 16952 10th Avenue South in Caldwell, Idaho

Dear Mr. Squires:

The Division of Environmental Quality (DEQ) has reviewed the Tank Closure Environmental Assessment dated June 11, 1999, and the Preliminary Release Assessment Report dated August 17, 1999, submitted by EnviroSearch, for the two UST decommissionings at the University of Idaho Caldwell Research and Extension Center and has comments:

Soils data collected during the July 16, 1998, 1000 gallon diesel and 500 gallon gasoline UST decommissioning were evaluated with a RBCA Tier 1 and concentrations of the petroleum constituents of concern (COCs) in soil samples were below Tier 1 RBSLs with the exception of one sample which marginally exceeded the benzene volatilization from subsurface soil to indoor air. DEQ will not require additional remediation of petroleum hydrocarbons from this release.

A 500 gallon UST was decommissioned February 3, 1997, at the site. Mark Cantrell was notified of the release by EnviroSearch. On March 21, 1997, a soil boring was advanced to the depth of 47 feet. Data collected from the UST excavation and soil boring indicates that elevated concentrations (above Tier 0) of the COCs BETXN remain in the southern end of the UST basin excavation at 10 feet and at the 20'-22' depth in the boring. MTBE was detected at 30'-32' and 45'-47' depths from the soil boring at concentrations (increasing with depth) which exceed Tier 0 cleanup levels. DEQ requests further investigation for this release.

DEQ appreciates your cooperation with this project. If you have questions or concerns, I may be reached at (208) 373-0510.

Sincerely,

Mark Van Kleek
Water Quality Science Officer

cc: Ron Lane, DEQ, Boise Regional Office Chris Lammer, EnviroSearch

EnviroSearch INTERNATIONAL

August 17, 1999

RECEIVED
AUG 24 1999
DIVISION OF
ENVIRONMENTAL QUALITY
BOISE REGIONAL OFFICE

Mr. Clif Squires
Idaho Division of Public Works
502 North 4th Street
Boise, Idaho 83720

Re: Preliminary Release Assessment Report
DPW Project No. 96-802: Underground Storage Tank Decommissioning at the University of Idaho Caldwell Research and Extension Center, Caldwell, Idaho

Dear Clif:

On February 3, 1997, Mr. Tony Whitaker of EnviroTest decommissioned a 500-gallon gasoline underground storage tank (UST) at the University of Idaho Caldwell Research and Extension Center for the Idaho Division of Public Works (IDPW). Ms. Brenda Ashworth of EnviroSearch observed tank removal activities and evaluated the soil conditions of the excavated area.

Inspection of the removed UST revealed two perforations and staining was observed on the soil beneath the removed UST. Mr. Mark Cantrell, Idaho Division of Environmental Quality (DEQ), was notified of the release at the time of the UST removal. Approximately 20 cubic yards of impacted soil was removed from the excavation, placed on plastic sheeting, covered with additional plastic sheeting, and left on-site. Groundwater was not observed in the excavation pit (10 feet below ground surface (BGS)). On February 14, 1997, the excavation was backfilled with clean stockpiled soil.

On March 21, 1997, Hiddleston Drilling advanced soil boring to a depth of 47 feet to evaluate the vertical extent of the release. Soil samples were collected at five-foot intervals using a split spoon sampler. Figure 1 shows the February, 1997 excavation and soil boring locations.

Boise Office
1605 North 13th Street
Boise, Idaho 83702 USA
(208) 345-8292
Fax (208) 344-8007

Corporate Office
2319 South Foothill Drive, Suite 180
Salt Lake City, Utah 84109 USA
(801) 481-0888
Fax (801) 467-0018

Manila Office
No. 30 Mariposa St., Valle Verde 1
Pasig City, Philippines
(632) 671-5266, 5187, 5846, 9217
Fax (632) 671-7055

Prague Office
c/o University of Agriculture
Department of Animal
Physiology and Zoology
165 21 Praha 6 - Suchdol
Czech Republic

Affiliate Worldwide

Analytical results from soil samples collected from the excavation floor, soil stockpiles, and the boring are presented as Table 1. Copies of laboratory reports are included as an attachment. Impacts to soil were primarily limited to the southern end of the excavation in the vicinity of the soil boring and excavation floor samples CAL-1 and CAL-8. Benzene was detected at 2.8 milligram per kilogram in the boring sample collected at 20 to 22 feet BGS. Benzene was not detected in the samples collected at greater depths. However, methyl tert-butyl ether (MTBE) concentrations in samples from this boring increased with depth. The maximum depth of the MTBE contamination was not determined. The sample collected at the base of the boring, 47 feet BGS, had an MTBE concentration of 1.2 mg/Kg. The analytical results for samples collected from the soil boring indicate that certain chemicals of concern, as identified in the DEQ Risk Based Corrective Action Guidance (RBCA) Document for Petroleum Releases, were present at concentrations above Tier 0 risk based screening levels (RBSL).

Site Information

Under a separate project (IDPW Project No. 98-508), a 1,000-gallon diesel and 500-gallon gasoline USTs were decommissioned at the University of Idaho Caldwell Research and Extension Center on July 16, 1998. These USTS were located immediately to the west of the UST removed on February 3, 1997 (see Figure 1). After completing the Tier 1 RBSL, the site associated with these two former tanks is considered suitable for closure.

Based on well driller's reports for wells on the site and in the vicinity, groundwater is anticipated to be encountered at depths ranging from 60 to 150 feet BGS. The shallow groundwater in this area likely flows to the north/northwest, following the irrigation canal and drainage system.

Recommendations

Assessment of the vertical extent of MTBE in soil is necessary. A groundwater monitoring well should also be installed at the former tank location to determine if groundwater is impacted. These activities can be conducted concurrently. The well should be completed in the first water-bearing formation encountered during drilling.

We appreciate the opportunity to be of assistance in this project. Please call if we can provide any additional information.

Sincerely,

Christopher Lanmer, P.E.
Program Director

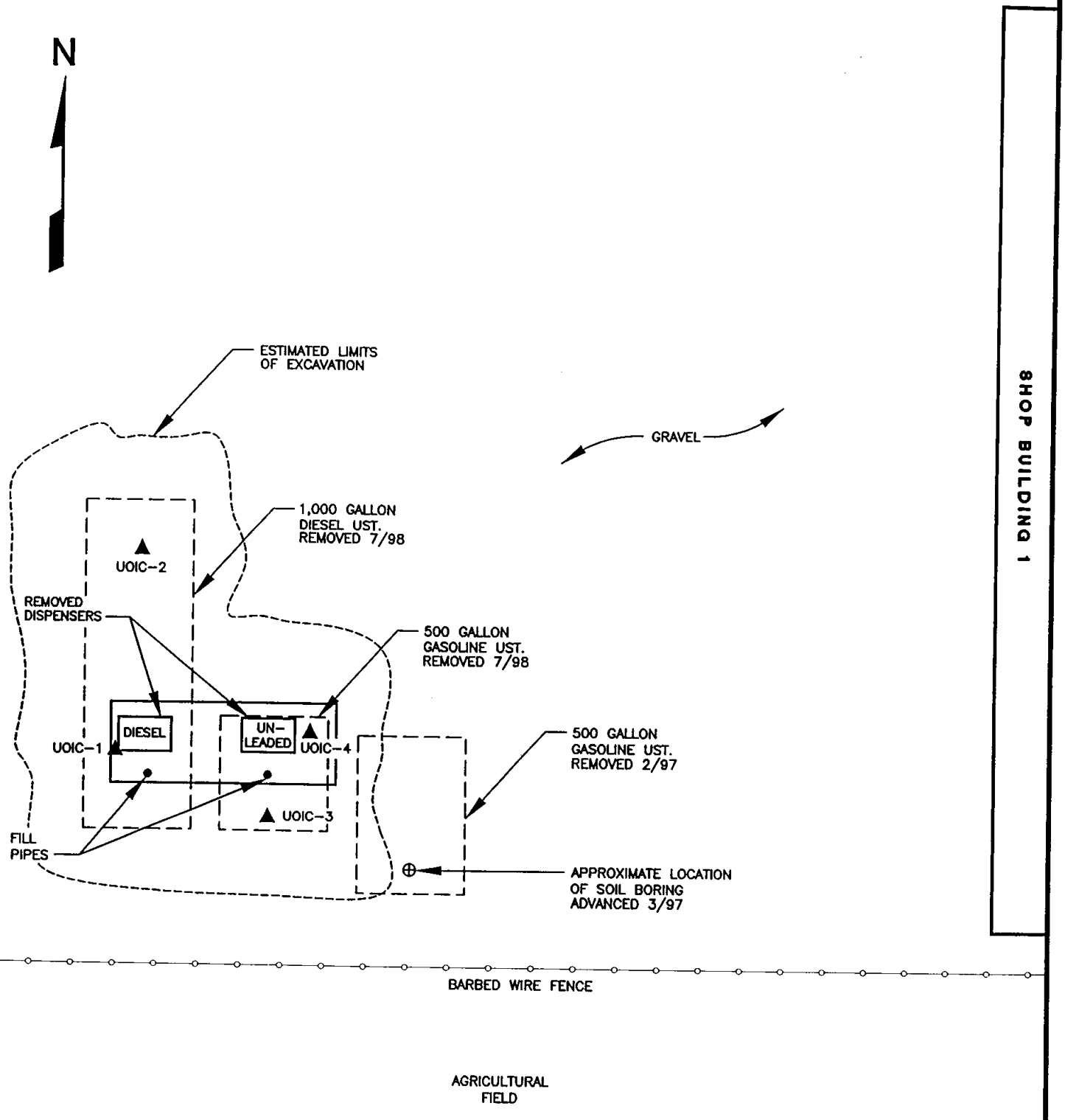
cc: Mark Van Kleek - DEQ Southwestern Idaho Regional Office
CL/JG:rm

R913.doc

Table 1
Analytical Results
(metals)

Sample	Date	Location and Depth (ft)	Benzene	Toluene	Ethyl Benzene	Xylenes	Naph-thalene	EDB	EDC	MTBE	TPH
CAL-1	2/3/97	Southern End of Tank 5'	0.85	24.9	16.2	217.8	38.6	<0.075	<0.025	<0.025	NA
CAL-2	2/3/97	Clean stockpile (composite)	<0.025	<0.025	<0.025	<0.025	<0.025	NA	NA	NA	NA
CAL-3	2/3/97	Northern End of Tank 5'	<0.025	<0.025	<0.025	0.42	1.2	<0.075	<0.025	<0.025	NA
CAL-4	2/3/97	Clean Stockpile (grab)	<0.025	<0.025	<0.025	<0.025	<0.025	NA	NA	NA	NA
CAL-6	2/3/97	Impacted Stockpile (composite)	0.43	18.5	2.1	89.4	18.6	NA	NA	NA	1730.0 G 1150.0 D
CAL-7	2/3/97	Impacted Stockpile (grab)	0.28	17.7	3.8	134.0	27.9	NA	NA	NA	2200.0 G 1600.0 D
CAL-8	2/3/97	Southern End of Excavation 10'	1.4	99.5	54.9	315.0	36.8	<0.075	<0.025	<0.025	4800.0 G 2840.0 D
CAL-11	3/21/97	Soil Boring 20'-22'	2.8	19.1	21.6	544.0	16.4	<0.075	<0.025	<0.025	NA
CAL-12	3/24/97	Soil Boring 25'-27'	<0.025	<0.025	<0.025	0.47	1.5	<0.075	<0.025	0.51	NA
CAL-13	3/21/97	Soil Boring 30'-32'	<0.025	0.19	0.16	1.0	0.77	<0.075	<0.025	1.8	NA
CAL-16	3/21/97	Soil Boring 45'-47'	<0.025	<0.025	<0.025	<0.025	1.2	<0.075	<0.025	1.2	NA

Notes:
G = gasoline
D = diesel
NA = analysis not conducted
Bold values exceed Tier 0 Soil Cleanup Levels



LEGEND	
▲	SOIL SAMPLE LOCATION
⊕	SOIL BORING LOCATION

0 3 6 9 12

SCALE: 1" = 6'

EnviroSearch INTERNATIONAL
1605 North 13th Street
Boise, Idaho 83702 USA
(208) 345-8292

EXCAVATION DETAIL

DPW PROJECT NO. 98-809
DIVISION OF PUBLIC WORKS
UNIVERSITY OF IDAHO
RESEARCH AND EXTENSION CENTER
CALDWELL, IDAHO

B1936K	05-24-99		FIGURE 1

ALCHEM LABORATORIES

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104 West 31st Street
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Phone (208) 336-1172
FAX (208) 336-7124
Water, Waste Water and Soil Analysis

LABORATORY REPORT

ENVIROSEARCH
ATTN: BRENDA ASHWORTH
1605 N. 13TH ST.
BOISE, IDAHO 83702

DATE COLLECTED: 02/03/97
TIME COLLECTED: 12:00
DATE RECEIVED: 02/04/97
DATE REPORTED: 02/10/97

LAB NO.: 19957 SAMPLE TYPE: SOIL COLLECTED BY: BRENDA ASHWORTH

NAME OF PROJECT/SITE: DPW2 - UOI - CALDWELL

SAMPLE LOCATION: CAL-1 SOUTHEND TANK 5

LABORATORY REPORT FOR VOLATILE ORGANIC COMPOUNDS by 8021

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg)
REGULATED VOC'S		
Benzene	25.0	850.0 0.85
Carbon Tetrachloride	25.0	ND
Chlorobenzene	25.0	ND
p-Dichlorobenzene	25.0	ND
o-Dichlorobenzene	25.0	ND
1,2-Dichloroethane	25.0	ND
1,1-Dichloroethylene	25.0	ND
cis-1,2-Dichloroethene	25.0	ND
trans-1,2-Dichloroethene	25.0	ND
1,2-Dichloropropane	25.0	ND
Ethylbenzene	25.0	16,200.0 16.20
Methylene Chloride	25.0	ND
Styrene	25.0	ND
Tetrachloroethylene (PCE)	25.0	ND
Toluene	25.0	24,900.0 24.9
1,2,4-Trichlorobenzene	25.0	ND
1,1,1-Trichloroethane	25.0	ND
1,1,2-Trichloroethane	25.0	ND
Trichloroethylene	25.0	ND
Vinyl Chloride	10.0	ND
Xylenes (total)	25.0	217,000.0

Date Analyzed: 02/07/97
Analyst: B. BROKER

*ND = None Detected

CONT. NEXT PAGE

Suzanne Howell, Laboratory Manager

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REPORT CONTINUED — Lab No.: 19957 —

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg)
THM'S (TRIHALOMETHANES)		*
Bromodichloromethane	10.0	ND
Chlorodibromomethane	25.0	ND
Bromoform	50.0	ND
Chloroform	10.0	ND
Total THM's	50.0	ND

CAL 1

UNREGULATED VOC's COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg) *	
Bromobenzene	25.0	ND	
Bromochloromethane	25.0	ND	
Bromomethane	100.0	ND	
n-Butylbenzene	25.0	52,000.0	52.0
sec-Butylbenzene	25.0	9,900.0	9.9
tert-Butylbenzene	25.0	41,900.0	41.9
Chloroethane	50.0	ND	
Chloromethane	25.0	ND	
2-Chlorotoluene	25.0	ND	
4-Chlorotoluene	25.0	ND	
1,2-Dibromo-3-Chloropropane	250.0	ND	
1,2-Dibromoethane	75.0	ND	
Dibromomethane	200.0	ND	
1,3-Dichlorobenzene	25.0	ND	
Dichlorodifluoromethane	25.0	ND	
1,1-Dichloroethane	25.0	ND	
1,3-Dichloropropane	25.0	ND	
2,2-Dichloropropane	25.0	ND	
1,1-Dichloropropene	25.0	ND	
cis-1,3-Dichloropropene	25.0	ND	
trans-1,3-Dichloropropene	25.0	ND	
Hexachlorobutadiene	25.0	ND	
Isopropylbenzene	25.0	9,450.0	9.45
p-Isopropyltoluene	25.0	4,270.0	4.27
Methyl-t-Butyl Ether (MTBE)	250.0	ND	
Naphthalene	25.0	30,000.0	30.0
n-Propylbenzene	25.0	20,800.0	20.80
1,1,1,2-Tetrachloroethane	25.0	ND	
1,1,2,2-Tetrachloroethane	25.0	ND	
1,2,3-Trichlorobenzene	25.0	ND	
Trichlorofluoromethane	25.0	ND	
1,2,3-Trichloropropane	25.0	ND	
1,2,4-Trimethylbenzene	25.0	104,000.0	
1,3,5-Trimethylbenzene	25.0	46,600.0	

* ND = None Detected

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LABORATORY REPORT

ENVIROSEARCH
ATTN: BRENDA ASHWORTH
1605 N. 13TH ST.
BOISE, IDAHO 83702

DATE COLLECTED: 02/03/97
TIME COLLECTED: 14:30
DATE RECEIVED: 02/04/97
DATE REPORTED: 02/10/97
SAMPLED BY: BRENDA ASHWORTH

Project: DPW2 - UOI - CALDWELL
Source: CAL-2 STOCKPILE (1) COMP
Matrix: SOIL

METHOD - BTEX 8020

LAB SAMPLE NUMBER - 19958

METHOD DETECTION LEVEL: 25.0 ug/kg

ORGANIC CONTAMINANT		DATE ANALYZED	ANALYST	RESULTS
		02/07/97	B. BROKER	
BTEX				
	Benzene			<25.0 ppb
	Toluene			<25.0 ppb
	Ethlybenzene			<25.0 ppb
	Total Xylenes			<25.0 ppb
	Naphthalene			<25.0 ppb

ppb = ug/kg

Suzanne Howell, Laboratory Manager

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ENVIROSEARCH
ATTN: BRENDA ASHWORTH
1605 N. 13TH ST.
BOISE, IDAHO 83702

DATE COLLECTED: 02/03/97
TIME COLLECTED: 13:20
DATE RECEIVED: 02/04/97
DATE REPORTED: 02/10/97

LAB NO.: 19959 SAMPLE TYPE: SOIL COLLECTED BY: BRENDA ASHWORTH

NAME OF PROJECT/SITE: DPW2 - UOI - CALDWELL

SAMPLE LOCATION: CAL-3 N. END OF TANK 5

LABORATORY REPORT FOR VOLATILE ORGANIC COMPOUNDS by 8021

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg)
REGULATED VOC'S		*
Benzene	25.0	ND
Carbon Tetrachloride	25.0	ND
Chlorobenzene	25.0	ND
p-Dichlorobenzene	25.0	ND
o-Dichlorobenzene	25.0	ND
1,2-Dichloroethane	25.0	ND
1,1-Dichloroethylene	25.0	ND
cis-1,2-Dichloroethene	25.0	ND
trans-1,2-Dichloroethene	25.0	ND
1,2-Dichloropropane	25.0	ND
Ethylbenzene	25.0	ND
Methylene Chloride	25.0	ND
Styrene	25.0	ND
Tetrachloroethylene (PCE)	25.0	ND
Toluene	25.0	ND
1,2,4-Trichlorobenzene	25.0	ND
1,1,1-Trichloroethane	25.0	ND
1,1,2-Trichloroethane	25.0	ND
Trichloroethylene	25.0	ND
Vinyl Chloride	10.0	ND
Xylenes (total)	25.0	420.0

Date Analyzed: 02/07/97
Analyst: B. BROKER

*ND = None Detected

CONT. NEXT PAGE

Suzanne Howell, Laboratory Manager

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REPORT CONTINUED Lab No.: 19959

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg)
THM'S (TRIHALOMETHANES)		*
Bromodichloromethane	10.0	ND
Chlorodibromomethane	25.0	ND
Bromoform	50.0	ND
Chloroform	10.0	ND
Total THM's	50.0	ND

CAL-3

UNREGULATED VOC's COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg) *	
Bromobenzene	25.0	ND	
Bromochloromethane	25.0	ND	
Bromomethane	100.0	ND	
n-Butylbenzene	25.0	ND	
sec-Butylbenzene	25.0	ND	
tert-Butylbenzene	25.0	ND	
Chloroethane	50.0	ND	
Chloromethane	25.0	ND	
2-Chlorotoluene	25.0	ND	
4-Chlorotoluene	25.0	ND	
1,2-Dibromo-3-Chloropropane	250.0	ND	
1,2-Dibromoethane	75.0	ND	
Dibromomethane	200.0	ND	
1,3-Dichlorobenzene	25.0	ND	
Dichlorodifluoromethane	25.0	ND	
1,1-Dichloroethane	25.0	ND	
1,3-Dichloropropane	25.0	ND	
2,2-Dichloropropane	25.0	ND	
1,1-Dichloropropene	25.0	ND	
cis-1,3-Dichloropropene	25.0	ND	
trans-1,3-Dichloropropene	25.0	ND	
Hexachlorobutadiene	25.0	ND	
Isopropylbenzene	25.0	ND	
p-Isopropyltoluene	25.0	50.0	
Methyl-t-Butyl Ether (MTBE)	250.0	ND	
Naphthalene	25.0	1,280.0	1.28/
n-Propylbenzene	25.0	115.0	.115
1,1,1,2-Tetrachloroethane	25.0	ND	
1,1,2,2-Tetrachloroethane	25.0	ND	
1,2,3-Trichlorobenzene	25.0	ND	
Trichlorofluoromethane	25.0	ND	
1,2,3-Trichloropropane	25.0	ND	
1,2,4-Trimethylbenzene	25.0	760.0	.76/
1,3,5-Trimethylbenzene	25.0	745.0	.745

* ND = None Detected

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LABORATORY REPORT

ENVIROSEARCH
ATTN: BRENDA ASHWORTH
1605 N. 13TH ST.
BOISE, IDAHO 83702

DATE COLLECTED: 02/03/97
TIME COLLECTED: 14:40
DATE RECEIVED: 02/04/97
DATE REPORTED: 02/10/97
SAMPLED BY: BRENDA ASHWORTH

Project: DPW2 - UOI - CALDWELL
Source: CAL-4 STOCKPILE (1) GRAB
Matrix: SOIL

METHOD - BTEX 8020

LAB SAMPLE NUMBER - 19960

METHOD DETECTION LEVEL: 25.0 ug/kg

ORGANIC CONTAMINANT		DATE ANALYZED	ANALYST	RESULTS
		02/07/97	B. BROKER	
BTEX				
	Benzene			<25.0 ppb
	Toluene			<25.0 ppb
	Ethlybenzene			<25.0 ppb
	Total Xylenes			<25.0 ppb
	Naphthalene			<25.0 ppb

ppb = ug/kg

Suzanne Howell, Laboratory Manager

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ENVIROSEARCH
ATTN: BRENDA ASHWORTH
1605 N. 13TH ST.
BOISE, IDAHO 83702

DATE COLLECTED: 02/03/97
TIME COLLECTED: 14:45
DATE RECEIVED: 02/04/97
DATE REPORTED: 02/10/97
SAMPLED BY: BRENDA ASHWORTH

Project: DPW2 - UOI - CALDWELL
Source: CAL-6 STOCKPILE (2) COMP
Matrix: SOIL

METHOD - BTEX 8020

LAB SAMPLE NUMBER - 19961

METHOD DETECTION LEVEL: 25.0 ug/kg

ORGANIC CONTAMINANT		DATE ANALYZED	ANALYST	RESULTS		
		02/07/97	B. BROKER			
BTEX						
	Benzene			430.0	ppb	0.43
	Toluene			18,500.0	ppb	18.5
	Ethlybenzene			2,130.0	ppb	2.13
	Total Xylenes			89,400.0	ppb	89.4
	Naphthalene			18,600.0	ppb	18.6

ppb = ug/kg

Suzanne Howell, Laboratory Manager

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ENVIROSEARCH
ATTN: BRENDA ASHWORTH
1605 N. 13TH ST.
BOISE, IDAHO 83702

DATE COLLECTED: 02/03/97
TIME COLLECTED: 14:50
DATE RECEIVED: 02/04/97
DATE REPORTED: 02/10/97
SAMPLED BY: BRENDA ASHWORTH

Project: DPW2 - UOI - CALDWELL
Source: CAL-7 STOCKPILE (2) GRAB
Matrix: SOIL

METHOD - BTEX 8020

LAB SAMPLE NUMBER - 19962

METHOD DETECTION LEVEL: 25.0 ug/kg

ORGANIC CONTAMINANT		DATE ANALYZED	ANALYST	RESULTS		
		02/07/97	B. BROKER			
BTEX						
	Benzene			285.0	ppb	0.285
	Toluene			17,700.0	ppb	17.7
	Ethlybenzene			3,840.0	ppb	3.84
	Total Xylenes			134,000.0	ppb	134.0
	Naphthalene			27,900.0	ppb	27.9

ppb = ug/kg

Suzanne Howell, Laboratory Manager

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ENVIROSEARCH
ATTN: BRENDA ASHWORTH
1605 N. 13TH ST.
BOISE, IDAHO 83702

DATE COLLECTED: 02/03/97
TIME COLLECTED: 14:58
DATE RECEIVED: 02/04/97
DATE REPORTED: 02/10/97

LAB NO.: 19963 SAMPLE TYPE: SOIL COLLECTED BY: BRENDA ASHWORTH

NAME OF PROJECT/SITE: DPW2 - UOI - CALDWELL

SAMPLE LOCATION: CAL-8 S. END OF TANK 10'

LABORATORY REPORT FOR VOLATILE ORGANIC COMPOUNDS by 8021

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg)	
REGULATED VOC'S			
Benzene	25.0	1,430.0	1.43
Carbon Tetrachloride	25.0	ND	
Chlorobenzene	25.0	ND	
p-Dichlorobenzene	25.0	ND	
o-Dichlorobenzene	25.0	ND	
1,2-Dichloroethane (EDC)	25.0	ND	
1,1-Dichloroethylene	25.0	ND	
cis-1,2-Dichloroethene	25.0	ND	
trans-1,2-Dichloroethene	25.0	ND	
1,2-Dichloropropane	25.0	54,000.0	54.0
Ethylbenzene	25.0	ND	
Methylene Chloride	25.0	ND	
Styrene	25.0	ND	
Tetrachloroethylene (PCE)	25.0	99,500.0	99.5
Toluene	25.0	ND	
1,2,4-Trichlorobenzene	25.0	ND	
1,1,1-Trichloroethane	25.0	ND	
1,1,2-Trichloroethane	25.0	ND	
Trichloroethylene	25.0	ND	
Vinyl Chloride	10.0	ND	
Xylenes (total)	25.0	315,000.0	315.

*ND = None Detected

Date Analyzed: 02/07/97
Analyst: B. BROKER

CONT. NEXT PAGE

Suzanne Howell, Laboratory Manager

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REPORT CONTINUED — Lab No.: 19963 —

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg) *
THM'S (TRIHALOMETHANES)		
Bromodichloromethane	10.0	ND
Chlorodibromomethane	25.0	ND
Bromoform	50.0	ND
Chloroform	10.0	ND
Total THM's	50.0	ND

CAL-8

UNREGULATED VOC'S COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg) *	
Bromobenzene	25.0	ND	
Bromochloromethane	25.0	ND	
Bromomethane	100.0	ND	
n-Butylbenzene	25.0	78,800.0	78.8
sec-Butylbenzene	25.0	12,200.0	12.20
tert-Butylbenzene	25.0	3,880.0	3.88
Chloroethane	50.0	ND	
Chloromethane	25.0	ND	
2-Chlorotoluene	25.0	ND	
4-Chlorotoluene	25.0	ND	
1,2-Dibromo-3-Chloropropane	250.0	ND	
1,2-Dibromoethane	75.0	ND	
Dibromomethane	200.0	ND	
1,3-Dichlorobenzene	25.0	ND	
Dichlorodifluoromethane	25.0	ND	
1,1-Dichloroethene	25.0	ND	
1,3-Dichloropropane	25.0	ND	
2,2-Dichloropropane	25.0	ND	
1,1-Dichloropropene	25.0	ND	
cis-1,3-Dichloropropene	25.0	ND	
trans-1,3-Dichloropropene	25.0	ND	
Hexachlorobutadiene	25.0	15,300.0	15.3
Isopropylbenzene	25.0	8,150.0	8.15
p-Isopropyltoluene	25.0	ND	
Methyl-t-Butyl Ether (MTBE)	250.0	36,800.0	36.8
Naphthalene	25.0	3,000.0	3.0
n-Propylbenzene	25.0	ND	
1,1,1,2-Tetrachloroethane	25.0	ND	
1,1,2,2-Tetrachloroethane	25.0	ND	
1,2,3-Trichlorobenzene	25.0	ND	
Trichlorofluoromethane	25.0	ND	
1,2,3-Trichloropropane	25.0	154,000.0	154.0
1,2,4-Trimethylbenzene	25.0	70,000.0	70.0
1,3,5-Trimethylbenzene	25.0		

* ND = None Detected

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Water, Waste Water and Soil Analysis

LABORATORY REPORT

ENVIROSEARCH
ATTN: BRENDA ASHWORTH
1605 N. 13TH ST.
BOISE, IDAHO 83702

DATE COLLECTED: 02/03/97
DATE RECEIVED: 02/04/97
DATE REPORTED: 02/18/97
SAMPLED BY: BRENDA ASHWORTH

PROJECT OR SITE: DPW2 - UOI - CALDWELL
MATRIX: SOIL

TOTAL PETROLEUM HYDROCARBONS (Method 8015 modified)

Date Analyzed: 02/16/97 Analyst: B. BROKER

Lab No.	Sample I.D.	Time Collected	TPH Results	*
19961	CAL-6 STOCKPILE (2) COMP	14:45	1730.0 mg/kg	(G)
			1150.0 mg/kg	***
19962	CAL-7 STOCKPILE (2) GRAB	14:50	2260.0 mg/kg	(G)
			1680.0 mg/kg	***
19963	CAL-8 S. END OF TANK 10'	14:58	4600.0 mg/kg	(G)
			2640.0 mg/kg	***

* (G) = Gasoline
(D) = Diesel
*** = Diesel Range

Suzanne Howell, Laboratory Manager

This report is for the exclusive use of the client(s) to whom it is addressed. It's disclosure to others for use in advertising is not authorized. These results refer only to the specific sample tested and no interpretation is intended or implied.

Name	EnviroSearch
Address	1605 N. 13th St.
City	Boise
State	ID
Zip Code	83702

Sampler(s)	Brenda Ashworth
Project or Site	DPW2-UOI-Caldwell

Alchem Laboratories, Inc.
104 West 31st Street
Boise, Idaho 83714
Phone (208) 336-1172

Chain of Custody Form

| LAB NUMBER | DATE | TIME | SAMPLE IDENTIFICATION | WATER | SOIL | OTHER | BTEX (8021) EDB EDC | 418.1 (I.R.) TPH | 8015 (G.C.) TPH | VOC's | TPH-G | TPH-D | HCID | TCLP | SEMI-VOLATILES (GC/MS) | BTEX 8021 | | |

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Water, Waste Water and Soil Analysis

LABORATORY REPORT

ENVIROSEARCH
ATTN: BRENDA ASHWORTH
605 N. 13TH ST.
BOISE, IDAHO 83702

DATE COLLECTED: 03/21/97
TIME COLLECTED: 10:57
DATE RECEIVED: 03/21/97
DATE REPORTED: 04/01/97

LAB NO.: 21928 SAMPLE TYPE: SOIL COLLECTED BY: TONY MAY

NAME OF PROJECT/SITE: DPW2 - UOI CALDWELL

SAMPLE LOCATION: CAL-16 45'-47'

LABORATORY REPORT FOR VOLATILE ORGANIC COMPOUNDS by 8021

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg)
REGULATED VOC'S		
Benzene	25.0	ND*
Carbon Tetrachloride	25.0	ND
Chlorobenzene	25.0	ND
p-Dichlorobenzene	25.0	ND
o-Dichlorobenzene	25.0	ND
1,2-Dichloroethane	25.0	ND
1,1-Dichloroethylene	25.0	ND
cis-1,2-Dichloroethene	25.0	ND
trans-1,2-Dichloroethene	25.0	ND
1,2-Dichloropropane	25.0	ND
Ethylbenzene	25.0	ND
Methylene Chloride	25.0	ND
Styrene	25.0	ND
Tetrachloroethylene (PCE)	25.0	ND
Toluene	25.0	ND
1,2,4-Trichlorobenzene	25.0	ND
1,1,1-Trichloroethane	25.0	ND
1,1,2-Trichloroethane	25.0	ND
Trichloroethylene	25.0	ND
Vinyl Chloride	10.0	ND
Xylenes (total)	25.0	ND

Date Analyzed: 03/27/97
Analyst: B. BROKER

*ND = None Detected

Suzanne Howell, Laboratory Manager

REPORT CONT. NEXT PAGE

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COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg)
THM'S (TRIHALOMETHANES)		*
Bromodichloromethane	10.0	ND
Chlorodibromomethane	25.0	ND
Bromoform	50.0	ND
Chloroform	10.0	ND
Total THM's	50.0	ND

UNREGULATED VOC's COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg) *
Bromobenzene	25.0	ND
Bromochloromethane	25.0	ND
Bromomethane	100.0	ND
n-Butylbenzene	25.0	ND
sec-Butylbenzene	25.0	ND
tert-Butylbenzene	25.0	ND
Chloroethane	50.0	ND
Chloromethane	25.0	ND
2-Chlorotoluene	25.0	ND
4-Chlorotoluene	25.0	ND
1,2-Dibromo-3-Chloropropane	250.0	ND
1,2-Dibromoethane	75.0	ND
Dibromomethane	200.0	ND
1,3-Dichlorobenzene	25.0	ND
Dichlorodifluoromethane	25.0	ND
1,1-Dichloroethane	25.0	ND
1,3-Dichloropropene	25.0	ND
2,2-Dichloropropane	25.0	ND
1,1-Dichloropropene	25.0	ND
cis-1,3-Dichloropropene	25.0	ND
trans-1,3-Dichloropropene	25.0	ND
Hexachlorobutadiene	25.0	ND
Isopropylbenzene	25.0	ND
p-Isopropyltoluene	25.0	ND
Methyl-t-Butyl Ether (MTBE)	250.0	1220.0
Naphthalene	25.0	ND
n-Propylbenzene	25.0	ND
1,1,1,2-Tetrachloroethane	25.0	ND
1,1,2,2-Tetrachloroethane	25.0	ND
1,2,3-Trichlorobenzene	25.0	ND
Trichlorofluoromethane	25.0	ND
1,2,3-Trichloropropane	25.0	ND
1,2,4-Trimethylbenzene	25.0	ND
1,3,5-Trimethylbenzene	25.0	ND

* ND = None Detected

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LABORATORY REPORT

ENVIROSEARCH
ATTN: BRENDA ASHWORTH
605 N. 13TH ST.
BOISE, IDAHO 83702

DATE COLLECTED: 03/21/97
TIME COLLECTED: 09:38
DATE RECEIVED: 03/21/97
DATE REPORTED: 04/01/97

LAB NO.: 21925 SAMPLE TYPE: SOIL COLLECTED BY: TONY MAY

NAME OF PROJECT/SITE: DPW2 - UOI CALDWELL

SAMPLE LOCATION: CAL-11 20'-22'

LABORATORY REPORT FOR VOLATILE ORGANIC COMPOUNDS by 8021

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg)
REGULATED VOC'S		*
Benzene	25.0	2,800.0
Carbon Tetrachloride	25.0	ND
Chlorobenzene	25.0	ND
p-Dichlorobenzene	25.0	ND
o-Dichlorobenzene	25.0	ND
1,2-Dichloroethane	25.0	ND
1,1-Dichloroethylene	25.0	ND
cis-1,2-Dichloroethene	25.0	ND
trans-1,2-Dichloroethene	25.0	ND
1,2-Dichloropropane	25.0	ND
Ethylbenzene	25.0	21,600.0
Methylene Chloride	25.0	ND
Styrene	25.0	ND
Tetrachloroethylene (PCE)	25.0	ND
Toluene	25.0	19,100.0
1,2,4-Trichlorobenzene	25.0	ND
1,1,1-Trichloroethane	25.0	ND
1,1,2-Trichloroethane	25.0	ND
Trichloroethylene	25.0	ND
Vinyl Chloride	10.0	ND
Xylenes (total)	25.0	544,000.0

Date Analyzed: 03/27/97
Analyst: B. BROKER

*ND = None Detected

REPORT CONT. NEXT PAGE

Suzanne Howell, Laboratory Manager

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REPORT CONTINUED Lab No.: 21925

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg)
THM'S (TRIHALOMETHANES)		*
Bromodichloromethane	10.0	ND
Chlorodibromomethane	25.0	ND
Bromoform	50.0	ND
Chloroform	10.0	ND
Total THM's	50.0	ND
UNREGULATED VOC's	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg)
COMPOUND		*
Bromobenzene	25.0	ND
Bromochloromethane	25.0	ND
Bromomethane	100.0	ND
n-Butylbenzene	25.0	115,000.0
sec-Butylbenzene	25.0	18,900.0
tert-Butylbenzene	25.0	12,800.0
Chloroethane	50.0	ND
Chloromethane	25.0	ND
2-Chlorotoluene	25.0	ND
4-Chlorotoluene	25.0	ND
1,2-Dibromo-3-Chloropropane	250.0	ND
1,2-Dibromoethane	75.0	ND
Dibromomethane	200.0	ND
1,3-Dichlorobenzene	25.0	ND
Dichlorodifluoromethane	25.0	ND
1,1-Dichloroethane	25.0	ND
1,3-Dichloropropane	25.0	ND
2,2-Dichloropropane	25.0	ND
1,1-Dichloropropene	25.0	ND
cis-1,3-Dichloropropene	25.0	ND
trans-1,3-Dichloropropene	25.0	ND
Hexachlorobutadiene	25.0	ND
Isopropylbenzene	25.0	22,600.0
p-Isopropyltoluene	25.0	7,350.0
Methyl-t-Butyl Ether (MTBE)	250.0	ND
Naphthalene	25.0	18,400.0
n-Propylbenzene	25.0	43,800.0
1,1,1,2-Tetrachloroethane	25.0	ND
1,1,2,2-Tetrachloroethane	25.0	ND
1,2,3-Trichlorobenzene	25.0	ND
Trichlorofluoromethane	25.0	ND
1,2,3-Trichloropropane	25.0	ND
1,2,4-Trimethylbenzene	25.0	293,000.0
1,3,5-Trimethylbenzene	25.0	117,000.0

* ND = None Detected

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LABORATORY REPORT

ENVIROSEARCH
ATTN: BRENDA ASHWORTH
605 N. 13TH ST.
BOISE, IDAHO 83702

DATE COLLECTED: 03/21/97
TIME COLLECTED: 09:48
DATE RECEIVED: 03/21/97
DATE REPORTED: 04/01/97

LAB NO.: 21926 SAMPLE TYPE: SOIL COLLECTED BY: TONY MAY

NAME OF PROJECT/SITE: DPW2 - UOI CALDWELL

SAMPLE LOCATION: CAL-12 25'-27'

LABORATORY REPORT FOR VOLATILE ORGANIC COMPOUNDS by 8021

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg)
REGULATED VOC'S		*
Benzene	25.0	ND
Carbon Tetrachloride	25.0	ND
Chlorobenzene	25.0	ND
p-Dichlorobenzene	25.0	ND
o-Dichlorobenzene	25.0	ND
1,2-Dichloroethane	25.0	ND
1,1-Dichloroethylene	25.0	ND
cis-1,2-Dichloroethene	25.0	ND
trans-1,2-Dichloroethene	25.0	ND
1,2-Dichloropropane	25.0	ND
Ethylbenzene	25.0	ND
Methylene Chloride	25.0	ND
Styrene	25.0	ND
Tetrachloroethylene (PCE)	25.0	ND
Toluene	25.0	ND
1,2,4-Trichlorobenzene	25.0	ND
1,1,1-Trichloroethane	25.0	ND
1,1,2-Trichloroethane	25.0	ND
Trichloroethylene	25.0	ND
Vinyl Chloride	10.0	ND
Xylenes (total)	25.0	470.0

Date Analyzed: 03/27/97
Analyst: B. BROKER

*ND = None Detected

REPORT CONT. NEXT PAGE

Suzanne Howell, Laboratory Manager

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REPORT CONTINUED Lab No.: 21926

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg) *
THM'S (TRIHALOMETHANES)		
Bromodichloromethane	10.0	ND
Chlorodibromomethane	25.0	ND
Bromoform	50.0	ND
Chloroform	10.0	ND
Total THM's	50.0	
UNREGULATED VOC'S	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg) *
COMPOUND		
Bromobenzene	25.0	ND
Bromochloromethane	25.0	ND
Bromomethane	100.0	ND
n-Butylbenzene	25.0	2870.0
sec-Butylbenzene	25.0	1010.0
tert-Butylbenzene	25.0	225.0
Chloroethane	50.0	ND
Chloromethane	25.0	ND
2-Chlorotoluene	25.0	ND
4-Chlorotoluene	25.0	ND
1,2-Dibromo-3-Chloropropane	250.0	ND
1,2-Dibromoethane	75.0	ND
Dibromomethane	200.0	ND
1,3-Dichlorobenzene	25.0	ND
Dichlorodifluoromethane	25.0	ND
1,1-Dichloroethane	25.0	ND
1,3-Dichloropropane	25.0	ND
2,2-Dichloropropane	25.0	ND
1,1-Dichloropropene	25.0	ND
cis-1,3-Dichloropropene	25.0	ND
trans-1,3-Dichloropropene	25.0	ND
Hexachlorobutadiene	25.0	ND
Isopropylbenzene	25.0	50.0
p-Isopropyltoluene	25.0	115.0
Methyl-t-Butyl Ether (MTBE)	250.0	510.0
Naphthalene	25.0	1530.0
n-Propylbenzene	25.0	235.0
1,1,1,2-Tetrachloroethane	25.0	ND
1,1,2,2-Tetrachloroethane	25.0	ND
1,2,3-Trichlorobenzene	25.0	ND
Trichlorofluoromethane	25.0	ND
1,2,3-Trichloropropane	25.0	ND
1,2,4-Trimethylbenzene	25.0	3740.0
1,3,5-Trimethylbenzene	25.0	1110.0

* ND = None Detected

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LABORATORY REPORT

ENVIROSEARCH
ATTN: BRENDA ASHWORTH
605 N. 13TH ST.
BOISE, IDAHO 83702

DATE COLLECTED: 03/21/97
TIME COLLECTED: 10:00
DATE RECEIVED: 03/21/97
DATE REPORTED: 04/01/97

LAB NO.: 21927 SAMPLE TYPE: SOIL COLLECTED BY: TONY MAY

NAME OF PROJECT/SITE: DPW2 - UOI CALDWELL

SAMPLE LOCATION: CAL-13 30'-32'

LABORATORY REPORT FOR VOLATILE ORGANIC COMPOUNDS by 8021

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg)
REGULATED VOC'S		
Benzene	25.0	ND*
Carbon Tetrachloride	25.0	ND
Chlorobenzene	25.0	ND
p-Dichlorobenzene	25.0	ND
o-Dichlorobenzene	25.0	ND
1,2-Dichloroethane	25.0	ND
1,1-Dichloroethylene	25.0	ND
cis-1,2-Dichloroethene	25.0	ND
trans-1,2-Dichloroethene	25.0	ND
1,2-Dichloropropane	25.0	ND
Ethylbenzene	25.0	188.0
Methylene Chloride	25.0	ND
Styrene	25.0	ND
Tetrachloroethylene (PCE)	25.0	ND
Toluene	25.0	105.0
1,2,4-Trichlorobenzene	25.0	ND
1,1,1-Trichloroethane	25.0	ND
1,1,2-Trichloroethane	25.0	ND
Trichloroethylene	25.0	ND
Vinyl Chloride	10.0	ND
Xylenes (total)	25.0	1030.0

Date Analyzed: 03/31/97
Analyst: B. BROKER

*ND = None Detected

CONT. NEXT PAGE

Suzanne Howell, Laboratory Manager

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REPORT CONTINUED Lab No.: 21927 Page 2

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg)
THM'S (TRIHALOMETHANES)		*
Bromodichloromethane	10.0	ND
Chlorodibromomethane	25.0	ND
Bromoform	50.0	ND
Chloroform	10.0	ND
Total THM's	50.0	ND

UNREGULATED VOC'S COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg) *
Bromobenzene	25.0	ND
Bromochloromethane	25.0	ND
Bromomethane	100.0	ND
n-Butylbenzene	25.0	1890.0
sec-Butylbenzene	25.0	80.0
tert-Butylbenzene	25.0	ND
Chloroethane	50.0	ND
Chloromethane	25.0	ND
2-Chlorotoluene	25.0	ND
4-Chlorotoluene	25.0	ND
1,2-Dibromo-3-Chloropropane	250.0	ND
1,2-Dibromoethane	75.0	ND
Dibromomethane	200.0	ND
1,3-Dichlorobenzene	25.0	ND
Dichlorodifluoromethane	25.0	ND
1,1-Dichloroethane	25.0	ND
1,3-Dichloropropane	25.0	ND
2,2-Dichloropropane	25.0	ND
1,1-Dichloropropene	25.0	ND
cis-1,3-Dichloropropene	25.0	ND
trans-1,3-Dichloropropene	25.0	ND
Hexachlorobutadiene	25.0	ND
Isopropylbenzene	25.0	195.0
p-Isopropyltoluene	25.0	87.5
Methyl-t-Butyl Ether (MTBE)	250.0	1040.0
Naphthalene	25.0	775.0
n-Propylbenzene	25.0	395.0
1,1,1,2-Tetrachloroethane	25.0	ND
1,1,2,2-Tetrachloroethane	25.0	ND
1,2,3-Trichlorobenzene	25.0	ND
Trichlorofluoromethane	25.0	ND
1,2,3-Trichloropropane	25.0	ND
1,2,4-Trimethylbenzene	25.0	3100.0
1,3,5-Trimethylbenzene	25.0	1040.0

* ND = None Detected

Name			
Environmental Interface Network			
Address			
1605 N 13th St			
City	State	Zip Code	
Boise	ID	83702	

Sampler(s)
Project or Site
DPW2 - UO1 Caldwell

ALCHEM LABORATORIES

Alchem Laboratories, Inc.
104 West 31st Street
Boise, Idaho 83714
Phone (208) 336-1172

Chain of Custody Form

LAB NUMBER	DATE	TIME	SAMPLE IDENTIFICATION	TYPE OF SAMPLE: WATER	SOIL	OTHER	TESTS: BTEX/MTBE, EDB, EDC (8021)	418.1 (I.R.) TPH	8015 (G.C.) TPH	VOC's	TPH-G	TPH-D	HCID	TCLP	SEMI-VOLATILES (GC/MS)	NUMBER OF CONTAINERS
	3/21/97	0938	Cal-11 20'-22'		✓		✓									
	3/21/97	0948	Cal-12 25'-27'		✓		✓									
	3/21/97	1000	Cal-13 30-32'		✓		✓									
	3/21/97	1057	Cal-16 45-47'		✓		✓									

CLIENT

RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED BY (Signature)
	3/21/97	1400	refrigerator
refrigerator	3/21/97	1540	Tony May

Relinquished By (Signature)	Date/Time	Received for Laboratory By (Signature)	Date/Time	Received With Seal Intact? ☐ Yes ☐ No Label Tag, COC Agree? ☑ Yes ☐ No
Tony May	3/21/97 1555		3/21/97 15:55	

TANK CLOSURE ENVIRONMENTAL ASSESSMENT
University of Idaho - Caldwell Research and Extension Center
Caldwell, Idaho

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Figure 2 Excavation Detail

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Appendix 2 IDWR Driller's Logs and Well Location Map
Appendix 3 Tank Closure Photographs
Appendix 4 Laboratory Reports and Chain-of-Custody Forms

1.0 INTRODUCTION

EnviroSearch International was contracted by the Idaho Division of Public Works (IDPW) to conduct an environmental assessment following the decommissioning of two underground storage tanks (USTs) and their associated piping at the University of Idaho (UOI) Caldwell Research and Extension Center located at 16952 10th Avenue South, Caldwell, Idaho (Figure 1). Field activities and report preparation performed during the tank closure comply with the guidelines set forth in the Idaho Division of Environmental Quality (DEQ) Risk Based Corrective Action (RBCA) Guidance Document for Petroleum Releases. This report documents the UST decommissioning activities conducted at the site during July, 1998.

2.0 SCOPE OF WORK

The Scope of Work outlined in our September 5, 1997 proposal to Mr. Greg Kisor, former Project Engineer with the IDPW, and in our October 8, 1998 request for Amendment No. 1 to Mr. Clif Squires, current Project Engineer with the IDPW, included the following tasks:

- Observe removal of the UST and piping by an IDPW subcontractor;
- Inspect tanks and piping upon removal for evidence of perforations;
- Collect soil samples for laboratory analysis;
- Direct the segregation of hydrocarbon impacted soils from unimpacted excavated soils;
- Interact with Idaho DEQ personnel; and
- Prepare a Tier 1 tank closure environmental assessment report complying with the RBCA guidelines.

EnviroTest, Inc. of Boise, Idaho was contracted by the IDPW to remove the existing USTs and associated piping. Mr. Tony Whitaker of EnviroTest notified

Mr. Mark Van Kleek with the DEQ of the intent to remove the existing tanks. Copies of DEQ tank closure forms are presented in Appendix 1.

3.0 BACKGROUND INFORMATION

Background information compiled for this project includes limited site history, a description of the generalized geologic and hydrogeologic setting from published literature, field investigation and well logs obtained from the Idaho Department of Water Resources (IDWR) and a brief description of the RBCA guidelines as outlined in the RBCA Guidance Document of Petroleum Releases by the DEQ. A discussion of this information is presented below.

3.1 Site History

The UOI Caldwell Research and Extension Center consists of several shop buildings, a veterinary clinic, and a main office building on approximately 320 acres. According to Mr. Dan Hinman, site superintendent, the UOI Caldwell Research and Extension Center was part of the original land grant to the UOI by the U.S. Congress in 1905. The UOI owns 40 acres of this parcel and the remainder of the site falls under the jurisdiction of the Idaho Land Board. It is not known when the three USTs addressed in this report (two for gasoline storage and one for diesel) were installed, but according to site personnel, the USTs had been in-place for at least 25 years. The 1,000-gallon diesel and 500-gallon gasoline USTs were in use until their decommissioning on July 16, 1998. One 500-gallon gasoline UST located adjacent to the tanks described in this report was decommissioned under a separate project (IDPW Project No. 95-802) on February 3, 1997. Due to a petroleum release associated with that tank, it will be addressed under a separate report.

3.2 Geologic and Hydrogeologic Settings

Information with regard to generalized local hydrogeologic and geologic conditions was compiled from published technical literature, driller's well logs obtained from IDWR and observations made during tank decommissioning.

The UOI Caldwell Research and Extension Center is located on the southern side of the Boise River Valley. In the local area, land forms consist of alluvial plains and low bluffs. The bluffs were formed by erosion of lacustrine sediments and volcanic rock. The shallow subsurface in the vicinity of the site generally consist of less than 100 feet of Quaternary age [0 to 2 million years before present (MYBP)] alluvial deposits that are composed of interlayered sands, silt, and clay. The shallow alluvium unconformably overlies semi- to well consolidated fluvial and lacustrine sediments of the Pliocene-Miocene age (2 to 24 MYBP). These deposits are interlayered with occasional basalt flows and tuffs of the Miocene age (5 to 24 MYBP) (Malde and Powers, 1962). A soil boring completed at the project site for the DPW Project No. 95-802 revealed approximately 12 feet of poorly sorted sand with gravel which overlies approximately 28 feet of fine to medium well sorted sand. At approximately 40 feet below ground surface (BGS) a two foot layer of hard dense clay exists.

Throughout much of the Boise valley, an unconfined aquifer is found within the shallow alluvium, normally at a depth of less than 50 feet. Well driller's reports for wells on the UOI Caldwell Research and Extension Center site and vicinity reviewed at the IDWR (Appendix 2) indicate groundwater was encountered in sandy clay or basalt at depths ranging from 30 to 150 feet BGS. Static water levels for these wells reportedly ranged between 6 to 90 feet BGS; however, a driller's report for a well located on the site stated static water level was 60 feet

BGS and due to the location of this well, this report is considered the most applicable. In the immediate area of the site, groundwater for the shallow, unconfined aquifer generally flows to the north/northwest, roughly parallel to the flow of irrigation channels in the vicinity (Dion, 1972).

3.3 RBCA Guidelines

The DEQ has adopted RBCA guidelines to address petroleum releases in Idaho based upon risk to human health and the environment. The approach consists of evaluating the potential of specific contaminants of concern (COC) contained in petroleum products to impact humans through certain routes of exposure. The routes of exposure, or migration pathways, include volatilization from soil or groundwater to both indoor and outdoor air, leaching to the groundwater and ingestion of soil or groundwater.

The RBCA guidelines establish a method for determining cleanup levels for each COC using a three-tiered system. Tier 0 is applied at sites without groundwater impacts and requires comparing soil analytical results to predetermined concentrations of COC. Tier 1 is applied at sites that either do not pass Tier 0 cleanup or have groundwater impacts. Tier 1 uses some site-specific information to compare to predetermined cleanup concentrations of COC. Tier 2 involves the most detailed analysis allowing data to be modeled to determine site-specific COC concentrations for cleanup levels. If a site passes a specific tier evaluation, the impacted soil or groundwater can remain without additional cleanup.

Worksheets found in Appendix C of the *RBCA Guidance Document for Petroleum Releases* are required by the DEQ to be completed and submitted

with the tank closure report. These completed worksheets are located in Appendix 1 of this report.

4.0 DECOMMISSIONING AND SAMPLING PROGRAM

Field investigations conducted at the UOI Caldwell Research and Extension Center included observation of UST removal and collection of soil samples for field and laboratory analysis. A discussion of this field program is presented below.

4.1 Underground Storage Tank Closure

One 1,000-gallon diesel UST and one 500-gallon gasoline UST were decommissioned on July 16, 1998 by Mr. Tony Whitaker of EnviroTest. Ms. Brenda Ashworth of EnviroSearch observed the tank removal and evaluated soil conditions surrounding and directly below the removed UST. Mr. Mark Van Kleek with the DEQ was on-site during a portion of the decommissioning activities.

Prior to initiating decommissioning activities, EnviroTest removed the remaining fuel in the USTs. Flammable and combustible vapors were displaced from the tank with carbon dioxide gas. EnviroTest utilized a calibrated gas indicator to monitor the vapors in the tank and insure they were below 10% of the Lower Explosive Limit (LEL) before the USTs were removed from the excavation by a backhoe. Following removal, the ends of the tanks were cut with an air-powered Sawzall®. EnviroTest personnel wore personal protective equipment to enter the tank to during cleaning.

The tanks and piping were visually inspected for evidence of corrosion following removal. The interior of the tanks were viewed for evidence of light which may have revealed perforations, if present. Pipe fittings and joints were inspected for corrosion and relative tightness. Photographs displaying UST decommissioning activities and condition of the tanks are included as Appendix 3.

4.2 Soil Sample Collection

Following the removal of the USTs and associated piping, soil samples for laboratory analysis were collected from the excavation using the backhoe bucket. Soil samples included one each from beneath the southern end (UOIC–1) and the northern end (UOIC–2) of the diesel UST and one each from beneath the southern end (UOIC–3) and the northern end (UOIC–4) of the gasoline UST. Soil samples collected from the unimpacted soil stockpile (i.e., soil with low headspace readings) included a five station composite sample (UOIC–5) and a grab sample (UOIC–6), while both a composite sample (UOIC–7) and a grab sample (UOIC–8) were collected from the segregated impacted soil stockpile (soil with elevated headspace readings). The product piping and dispensers were located directly over the tanks, therefore separate piping samples were not collected for this assessment. Sample locations are displayed on Figure 2.

Soil samples for laboratory analysis were placed in glass sample jars with Teflon®-lined lids and transported in an ice-filled cooler to Alchem Laboratories in Boise, Idaho. Soil samples collected beneath the removed 1,000-gallon UST (UOIC–1 and 2) were analyzed for diesel COC: benzene, toluene, ethylbenzene, and total xylenes (BTEX) by EPA Method 8020 and polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270. Soil samples collected beneath the

removed 500-gallon UST (UOIC–3 and 4) were analyzed for leaded gasoline COC: BTEX and naphthalene (BTEXN) and methyl tertiary-butyl ether (MTBE) by EPA Method 8020; ethylene dibromide (EDB) by EPA Method 8011; and ethylene dichloride (EDC) by EPA Method 8010. Both stockpile samples (UOIC–5 through 8) were analyzed for both diesel and leaded gasoline COC as mentioned above. Chain of Custody documents were completed during sampling activities and kept with the samples until they were received at the laboratory. Copies of laboratory reports and Chain of Custody forms are provided in Appendix 4.

5.0 RESULTS

Results included in the following sections are observations made during the UST removal, as well as laboratory analytical results.

5.1 Underground Storage Tank Closure Results

The USTs were constructed of approximately 1/8 inch thick steel and appeared to be in good condition. The exterior of each tank displayed minor surficial rusting; however, no perforations were noted in either tank. The product piping associated with the USTs appeared to be in fair condition with some surficial rusting; however, no perforations or cracks were noted. The tank-piping connections appeared to be secure. No sludge was present in either UST. The tanks and piping were transported to Pacific Steel and Recycling in Boise, Idaho for disposal as scrap metal. A copy of the disposal receipt is provided in Appendix 1. The dispensers were left on-site at the request of the UOI Caldwell Research and Extension Center personnel. No water was observed in the excavation to a depth of 6.5 feet BGS.

The soil surrounding the two fill pipes appeared to be impacted by petroleum hydrocarbons due to staining and petroleum odors. Approximately 3 cubic yards of soil was excavated from around the fill pipes and, at the direction of Mr. Mark Van Kleek with the DEQ, the impacted soil was spread out over the backfilled excavation. An additional 10 cubic yards of soil was excavated during the tank removals and field observations indicated that this soil was not impacted with petroleum hydrocarbons. The soil was taken to Gillingham Construction in Boise, Idaho by EnviroTest. Mr. Mark Van Kleek approved this soil disposal plan. The excavation was backfilled using imported fill. The fill was placed in one foot thick lifts and each lift was tamped down with the bucket of the backhoe.

5.2 Soil Analytical Results

Results of laboratory analysis of soil samples collected following the removal of the USTs are summarized in Table 1. Complete laboratory reports and Chain of Custody documents are included in Appendix 3.

Table 1
Analytical Results
(mg/kg)

Sample	Date	Location and Depth (ft)	Benzene	Toluene	Ethyl Benzene	Xylenes	Naph-thalene	EDB	EDC	MTBE	PAHs
UOIC–1	7/16/98	Southern End of Diesel Tank 6.5'	**0.080**	<0.025	0.040	0.205	<0.025	NA	NA	NA	Phenanthrene at 0.0699
UOIC–2	7/16/98	Northern End of Diesel Tank 6.5'	<0.025	<0.025	<0.025	<0.025	<0.025	NA	NA	NA	ND
UOIC–3	7/16/98	Southern End of Gasoline Tank 6.5'	<0.025	<0.025	<0.025	<0.025	<0.025	<0.0005	<0.025	<0.250	NA
UOIC–4	7/16/98	Northern End of Gasoline Tank 6.5'	<0.025	<0.025	<0.025	<0.025	<0.025	<0.0005	<0.025	<0.250	NA
UOIC–5	7/16/98	Clean stockpile (composite)	**0.380**	1.7	0.195	1.32	0.080	<0.0005	<0.025	<0.250	ND
UOIC–6	7/16/98	Clean Stockpile (grab)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.0005	<0.025	<0.250	ND
UOIC–7	7/16/98	Impacted Stockpile (composite)	<0.025	<0.025	0.030	0.150	0.905	<0.0005	<0.025	<0.250	Phenanthrene at 0.140 Fluorene at 0.0699
UOIC–8	7/16/98	Impacted Stockpile (grab)	<0.025	<0.025	<0.025	0.100	0.440	<0.0005	<0.025	<0.025	ND
Tier 0 Cleanup Levels		All depths	0.06	5.4	10	7	5.5	0.001	0.014	0.6	P = 8.4 F = 4.2
(Commercial) Tier 1 Surficial Soil		0-3	274	>Res	>Res	>Res	>Res	0.557	119	2700	P = >Res F = >Res
(Commercial) Tier 1 Subsurface Soil Volatilization to Outdoor Air RBSL		3	28.2	>Res	>Res	>Res	>Res	5.41	24.5	>Res	P = >Res F = >Res
		15	78.1	>Res	>Res	>Res	>Res	>Res	311	>Res	P = >Res F = >Res
(Commercial) Tier 1 Vapor Intrusion from Subsurface Soil Indoor Air RBSL		3	0.063	4.23	14	10.6	229	0.007	0.048	57.7	P = >Res F = >Res
		15	0.163	11.4	119	128	>Res	11.4	0.439	2,270	P = >Res F = >Res
Tier 1 Soil RBSL Protective of Groundwater (GW Class II, 100ft from receptor		>40'	4.89	1066	1894	30815	2470	0.040	5.43	45.1	P = 9500 F = 5928

NA = Not analyzed for those contaminants of concern
ND = Not detected above the method detection limit. Complete list of PAHs and detection limits are in Appendix 4.

5.3 RBCA Evaluation

A RBCA Tier 0 Evaluation is used for the initial screening for a tank closure site. Tier 0 soil concentrations were derived for each COC by selecting the most conservative risk based screening level (RBSL) for residential exposure pathways. If a site does not pass a Tier 0, a Tier 1 evaluation is then performed. The following sections describe the results of these evaluations.

5.3.1 Tier 0

Analytical results of soil samples collected during tank closure activities were compared to the RBCA Tier 0 Soil Cleanup Levels as displayed in Table 3-1 of the RBCA guidance document. Concentrations for Tier 0 Cleanup Levels are copied from Table 3-1 of the RBCA guidance document on Table 1 of this report.

A soil sample collected beneath the southern end of the 1,000-gallon diesel UST (UOIC–1) contained a benzene concentration of 0.080 mg/kg, which is above the Tier 0 cleanup level of 0.060 mg/kg. Though phenanthrene, a PAH compound, was also detected above the method detection limit in that sample, the reported concentration was not above the Tier 0 cleanup level. In addition, the composite sample obtained from the apparently unimpacted soil stockpile (UOIC–5) exceeded the Tier 0 soil cleanup level for benzene.

5.3.2 Tier 1

Due to the site not passing the Tier 0, a Tier 1 evaluation was conducted. The first phase in completing a RBCA Tier 1 evaluation is to develop site conceptual exposure scenarios (SCES) that identify all receptors, complete pathways, and routes of exposure for current and potential future conditions. These SCES are described below and are also presented in Worksheet 11 (Appendix 3). In this

tier, COC concentrations are compared to RBSLs for completed pathways at a commercial property. The Tier 1 evaluation includes completing Worksheets 1 through 21 from the RBCA Guidance Document. These completed worksheets are in Appendix 1 of this report.

The release of diesel at the UOI Caldwell facility has impacted the soil to a depth of approximately 7 feet BGS. The exposure pathways which are complete for the UOI Caldwell facility are subsurface soil volatilization to indoor and outdoor air and leaching to groundwater. Since the excavated soil from around the fill pipes was spread on top of the backfilled excavation, surficial soil is also a complete pathway.

The concentrations of COC detected in soil sample UOIC-1 were below the Tier 1 RBSL for all exposure routes for a commercial property with the exception of benzene volatilization from subsurface soil to indoor air. According to Mr. Hinman of the University of Idaho, the only buildings located on the west side of the street (in the vicinity of the removed tanks) are used for storage and are not occupied by humans. Completed worksheets are located in Appendix 1.

6.0 CONCLUSIONS

EnviroSearch performed an environmental assessment following the removal of a 1,000-gallon diesel UST and a 500-gallon gasoline UST, as well as thier associated product piping at the UOI Caldwell Research and Extension Center facility.

The tanks appeared to be in good condition with minor surficial rusting; no perforations were noted in either tank. The soil surrounding the fill pipes

appeared to be impacted and approximately 3 cubic yards of soil was segregated from these areas and used as cover over the backfilled excavation. Approximately 10 cubic yards of additional soil excavated during the decommissioning activities was taken to Gillingham Construction in Boise, Idaho. The excavation was backfilled with imported fill.

Soil samples collected following the tank removals contained concentrations of COCs above the Tier 0 clean up levels. The concentrations of COC detected in soil sample UOIC-1 were below the Tier 1 RBSL for a commercial property with the exception of benzene volatilization from subsurface soil to indoor air. The closest building is approximately 35 feet east of the impacted area. This building is used for storage of equipment and is not occupied by humans. Though volatilization to indoor air is a complete pathway, the lack of prolonged exposure to any vapors that accumulate in this building should prevent significant impact on human health. Therefore, the two tanks decommissioned on July 16,1998 at the UOI Caldwell Research and Extension Center are considered suitable for closure.

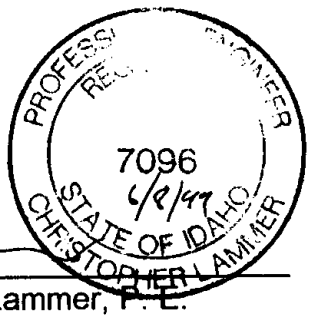
7.0 LIMITATION AND RESTRICTIONS

As agreed, the scope of this report is limited to the matters expressly covered herein. This report has been prepared for the exclusive use of IDPW. EnviroSearch represents that, within the parameters established by the agreed-upon scope of work, this work has been undertaken and performed in a professional manner, in accordance with generally accepted practices, using the degree of skill and care ordinarily exercised by reputable environmental consultants under similar circumstance. No other warranty is either expressed or implied.

Prepared by:

Jane M. Anderson. G.I.T.
Project Manager

Reviewed by:



Christopher Lammer, P.E.
Program Director

REFERENCES

Idaho Division of Environmental Quality, *Idaho Cleanup Requirements for Petroleum Impacted Soil*, May 1992.

Idaho Department of Health and Welfare/Idaho Department of Water Resources, 1985, Snake Plain Aquifer Technical Report, Plate 3

Idaho Department of Health and Welfare Division of Environmental Quality, 1996, Risk Based Corrective Action Guidance Document for Petroleum Releases

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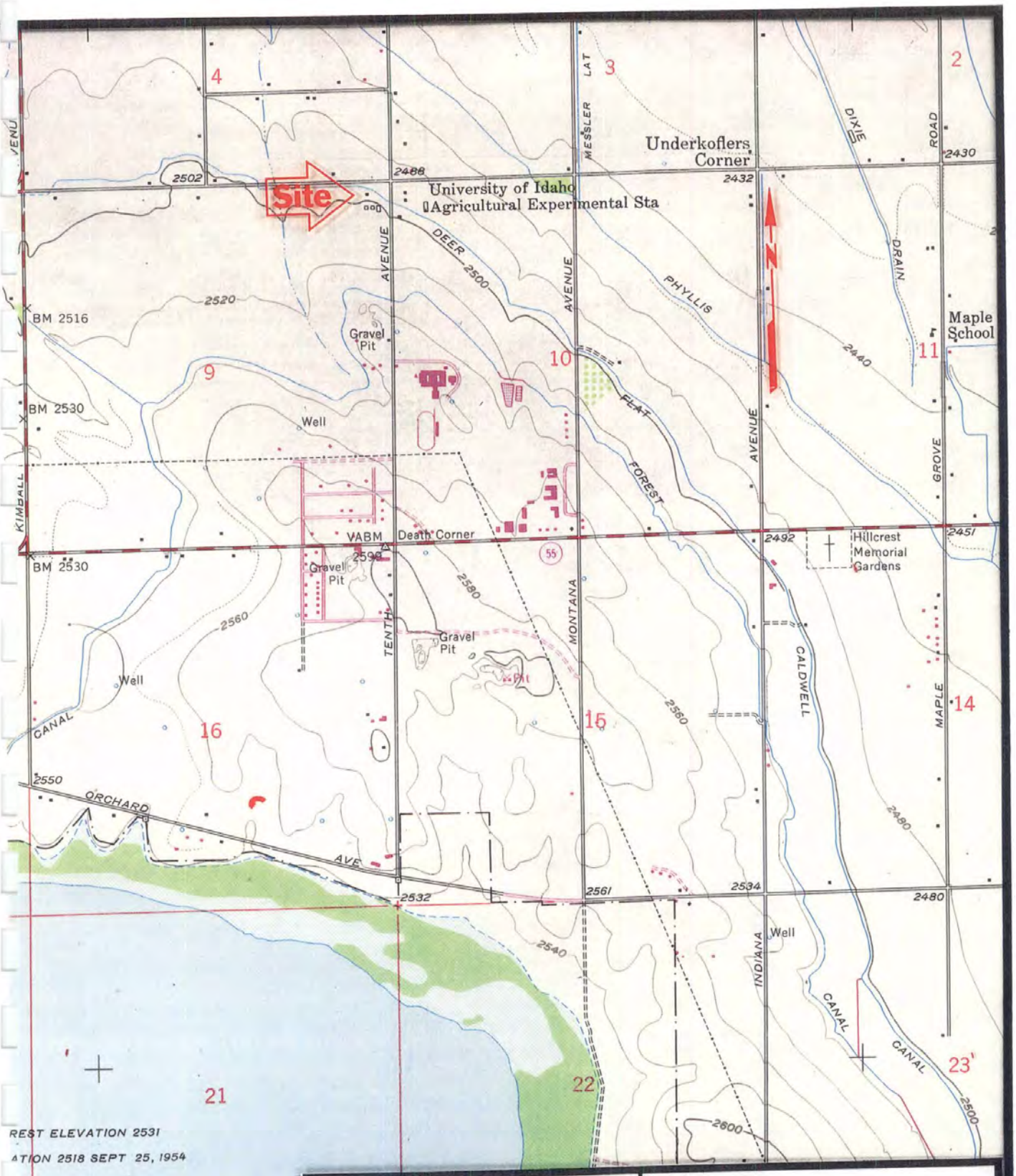
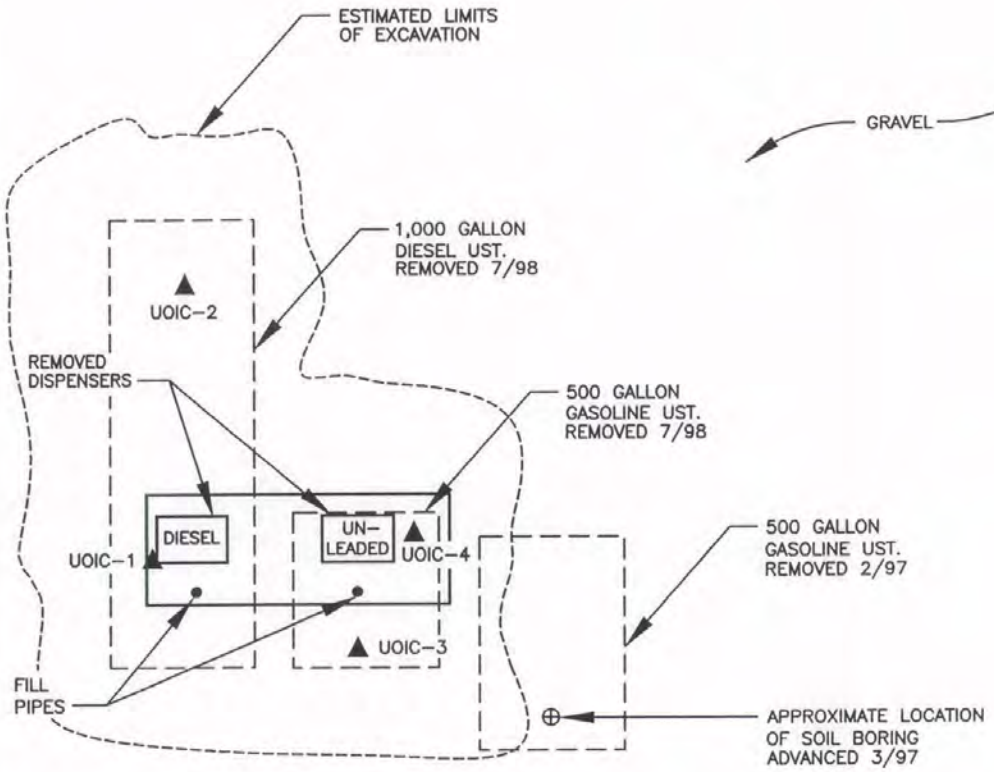


EnviroSearch
1605 North 13th Street
Boise, Idaho 83702 USA
(208) 345-8292

VICINITY MAP

DPW Project No. 98-809
UNIVERSITY OF IDAHO
CALDWELL RESEARCH CENTER
CALDWELL, IDAHO

B1936J	6/8/99	SCALE: 1"=2,000'	FIGURE 1



LEGEND	
▲	SOIL SAMPLE LOCATION
⊕	SOIL BORING LOCATION

0 3 6 9 12

SCALE: 1" = 6'

EnviroSearch INTERNATIONAL

1605 North 13th Street
Boise, Idaho 83702 USA

(208) 345-8292

EXCAVATION DETAIL

DPW PROJECT NO. 98-809
DIVISION OF PUBLIC WORKS
UNIVERSITY OF IDAHO
RESEARCH AND EXTENSION CENTER
CALDWELL, IDAHO

B1936K	05-24-99		FIGURE 2

:\ES\1936\K\F2-05-99

RECEIVED

98-809

DEC 08 1998

PUBLIC WORKS

DEQ Version OF EPA Form 7530-1 (Revised 1

Notification for Underground Storage Tanks

State Use Only

State Agency Name and Address

Idaho Division of Environmental Quality, 1410 N. Hilton, Boise ID 83706

Facility ID

TYPE OF NOTIFICATION

Date Received

☐ New Facility ☐ Amended (update) ☑ Closure

Date Entered into Computer

Data Entry Clerk Initials

Owner Was Contacted to Clarify Responses. Comments

3 No. of tanks at facility _____ No. of continuation sheets attached

INSTRUCTIONS - See additional Instructions on page 6

Please type or print in ink all items except "signature" in section VII and XI. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy the following sheets, and staple continuation sheets to the form (pages 3, 4 & 5).

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or in the absence of such records, your knowledge , belief, or recollection.

Who must notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means -

a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

c) if the State agency so requires, any facility that has undergone any changes to facility information or tank system status (only amended tank information needs to be included).

What tanks are included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing gasoline, used oil, diesel fuel, industrial solvents, pesticides, herbicides, or fumigants.

What tanks are excluded? Tanks with a capacity of 110 gallons or less are not subject to notification. Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;

2. tanks used for storing heating oil for consumptive use on the premises where stored;

3. septic tanks;

4. pipeline facilities (including gathering lines) regulated under the Natur Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety A of 1979, or which is an intrastate pipeline facility regulated under State laws

5. surface impoundments, pits, ponds, or lagoons;

6. storm water or waste water collection systems;

7. flow-through process tanks;

8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;

9. storage tanks situated in an underground area (such as a basement, cellar, mine working drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

What substances are covered? The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where to notify? Send completed forms to:

UST Coordinator
Idaho Division of Environmental Quality
1410 N. Hilton
Boise, ID 83706 Telephone: (208)373-0502

When to notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use. 3. If the State requires notification of any amendments to the facility send information to the State agency immediately.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 for each tank for which notification is not given or for which false information is submitted.

I. OWNERSHIP OF TANK(S)

Owner ID _____
State Tax Number or Social Security Number

University of Idaho
Name

1108 W. 6th
Mailing Address

Moscow ID
City State Zip Code

Latah
County

208-885-6524
Phone Number (Include Area Code)

II. LOCATION OF TANK(S)

Give the geographic location of tanks by degree, minutes and seconds. Examples Lat. 42,36,12 N Long. 85,24,17W or legal description.

(If same as Section I, mark box here ☐)

UOI Caldwell Research and Extension Cente
Name

16952 S. 10th Street
Street Address (PO Box not acceptable)

Caldwell ID 83605
City State Zip Code

Canyon
County

Legal Description or latitude and longitude.

III. TYPE OF OWNER

- ☐ Federal Government
- ☑ State Government
- ☐ Local Government
- ☐ Commercial
- ☐ Private

IV. INDIAN LANDS

Tanks are located on land within an Indian Reservation or on other trust lands. ☐

Tanks are owned by a native American nation, tribe, or individual. ☐

Tribe or Nation: _____

V. TYPE OF FACILITY

Select the Appropriate Facility Description

_____ Gas Station	_____ Local Government	_____ Contractor
_____ Petroleum Distributor	_____ State Government	_____ Trucking/Transport
_____ Air Taxi (Airline)	_____ Federal - Non-Military	_____ Utilities
_____ Aircraft Owner	_____ Federal - Military	_____ Farm
_____ Auto Dealership	_____ Commercial	_____ Residential
_____ Railroad	_____ Industrial	✓ Other (explain) University

VI. CONTACT PERSON IN CHARGE OF TANKS

Name Dan Hinman
Address 16952 S. 10th St
_____

Title Site Manager
City Caldwell
State ID Zip 83605
Phone 208-459-6365

VII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative (Print)	Signature	Date Signed
Name Clif Squires for DPW Title Project Manager	Clif Squires	Dec 9, 1998

VIII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with 40 CFR Subpart H. (Circle One) YES / NO

Check All that Apply

[ ] Self Insurance	[ ] Surety Bond
[ ] Commercial Insurance	[ ] Letter of Credit
[ ] Risk Retention Group	[ ] State Insurance Fund (PSTF)
[ ] Guarantee	[ ] Trust Fund

[ ] Other Method Allowed, Specify _____

EPA estimates public reporting burden for this form to average 30 minutes per response including time for reviewing instructions, gathering and maintaining the data needed and completing and reviewing the form. Send comments regarding this burden estimate to Chief, Information Policy Branch PM-223, U.S. Environmental Protection Agency, 401 M Street, Washington D.C. 20460, marked "Attention Desk Officer for EPA." This form amends the previous notification form as printed in 40 CFR Part 280, Appendix I.

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Identification Number	Tank No. 1	Tank No. 3	Tank No. ____	Tank No. ____	Tank No. ____
Compartmentalized Tanks? (circle one)	YES (NO)	YES (NO)	YES / NO	YES / NO	YES / NO
A. Status of Tank					
Currently in Use					
Temporarily Out of Use (Complete Section X, Estimated Date Last Used)					
Permanently Out of Use (Complete Section X, tanks removed or closed in place)	✓	✓			
Date of Installation (mo./year)	1973	1973			
Estimated Total Capacity (gallons)	1,000	500			
B. Material of Tank Construction (Mark all that apply)					
Asphalt Coated or Bare Steel	✓	✓			
Cathodically Protected Steel					
Epoxy Coated Steel					
Composite (Steel with Fiberglass)					
Fiberglass Reinforced Plastic					
Lined Interior					
Double Walled					
Polyethylene Tank Jacket					
Concrete					
Excavation Liner					
Unknown					
Other, Please specify					
Has tank been repaired? (circle one)	YES (NO)	YES (NO)	YES / NO	YES / NO	YES / NO
C. Piping (Material) (Mark all that apply) Bare Steel	✓	✓			
Galvanized Steel					
Fiberglass Reinforced Plastic					
Copper					
Plastic/Flexible					
Cathodically Protected					
Double Walled					
Excavation Liner					
Other, Please specify					
D. Piping (Type) (Mark all that apply) Suction: no check valve at tank	✓	✓			
Suction: check valve at tank					
Pressure					
Gravity Feed					
Has piping been repaired? (circle one)	YES (NO)	YES (NO)	YES / NO	YES / NO	YES / NO

Tank Identification Number	Tank No. 2	Tank No. 3	Tank No. ____	Tank No. ____	Tank No. ____
E. Substance Currently or Last Stored In Greatest Quantity by Volume					
Gasoline		✓			
Diesel	✓				
Gasohol					
Kerosene					
Heating Oil					
Used Oil					
Other petroleum product					
(Please specify)					
If not a petroleum product:					
Hazardous Substance (circle one)	YES / NO	YES / NO	YES / NO	YES / NO	YES / NO
CERCLA name and/or,					
CAS number (Chemical Abstract Service Registry #)					
If not listed above: Mixture of Substances (circle one)	YES / NO	YES / NO	YES / NO	YES / NO	YES / NO
Please specify					
X. TANKS OUT OF USE, OR CHANGE IN SERVICE					
Closing of Tank					
Tank was removed from ground	✓	✓			
Tank was closed in ground					
Estimated date last used (mo./day/year)	7/98	7/98			
Estimate date tank closed (mo./day/year)	7/16/98	7/16/98			
Tank filled with inert material (indicate material)					
Change in Service					
Site Assessment Completed and submitted to DEQ (Circle One)	(YES) / NO	(YES) / NO	YES / NO	YES / NO	YES / NO
Evidence of a leak detected(Circle One)	(YES) / NO	YES (NO)	YES / NO	YES / NO	YES / NO
Release reported to DEQ*	(YES) / NO	YES / NO	YES / NO	YES / NO	YES / NO
Date release reported to DEQ**	7/16/98				

* Refer to DEQ Information Series # 3 for recommended practices for site assessments.
** Refer to DEQ Information Series #2 for release response and corrective action requirements.

XI. CERTIFICATION OF COMPLIANCE (Complete for installation of all new tanks or for upgrading existing tanks at this location)

Tank Identification Number	Tank No. ____		Tank No. ____		Tank No. ____		Tank No. ____		Tank No. ____	
A. Installation (Mark all that apply)										
Installer certified by tank and piping manufacturers	☐		☐		☐		☐		☐	
Installer certified or licensed by the State	☐		☐		☐		☐		☐	
Installation is inspected by a registered engineer	☐		☐		☐		☐		☐	
Installation inspected by a local or state agency	☐		☐		☐		☐		☐	
Manufacturer's installation check lists have been completed	☐		☐		☐		☐		☐	
Another method allowed by State Agency	☐		☐		☐		☐		☐	
Please specify	_____		_____		_____		_____		_____	
B. Release Detection (Mark all that apply)	**Tank**	**Piping**	**Tank**	**Piping**	**Tank**	**Piping**	**Tank**	**Piping**	**Tank**	**Piping**
Manual tank gauging	☐		☐		☐		☐		☐	
Tank tightness testing	☐		☐		☐		☐		☐	
Inventory controls	☐		☐		☐		☐		☐	
Automatic tank gauging	☐		☐		☐		☐		☐	
Vapor monitoring	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Groundwater monitoring	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Interstitial monitoring double walled tank/piping	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Interstitial monitoring/excavation liner	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Automatic line leak detectors		☐		☐		☐		☐		☐
Line tightness testing		☐		☐		☐		☐		☐
Other method allowed by implementing agency:	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Please specify	_____		_____		_____		_____		_____	
C. Spill and Overfill Protection										
Overfill device installed (Circle one)	YES / NO		YES / NO		YES / NO		YES / NO		YES / NO	
Spill device installed (Circle one)	YES / NO		YES / NO		YES / NO		YES / NO		YES / NO	

Note: The installer must complete this section only if work on your underground storage tank system has taken place since December 22, 1988.

OATH: I certify the information concerning installation that is provided in section XI is true to the best of my belief and knowledge.

Installer: _____ Name

_____ Signature

_____ Title

_____ Company

_____ Date

Phone

_____ Certification Number

IDAHO DEPARTMENT OF HEALTH AND WELFARE

DIVISION OF ENVIRONMENTAL QUALITY

IDAHO UST SITE CLOSURE EVALUATION FORM 7/91
(Please print or type)

Tank Owner Name: University of Idaho
Site Name: Caldwell Research and Extension Center
Site Address: 16952 S. 10th Avenue, Caldwell
Site County: Canyon
Contact Person: Dan Hinman Telephone: 459-6365
Facility ID (Notification) Number: 3-140235
Fire District: Caldwell
Type of Facility (i.e., gas station, etc.): Research Center

Removal Date: 7-16-98 Name of Tank Remover: Envirotest
Tank Remover's Phone: 343-4030

Number of Tanks Removed or Closed in Place: 2

Type of Product in Each Tank: (1) Diesel (2) Gasoline (3) ____ (4) ____ (5) ____

Size of Tanks Removed: (1) 1,000 (2) 500 (3) ____ (4) ____ (5) ____

Tank Disposal/Destination: Pacific Steel and Recycling, Boise

Indicate amount and disposal method (location) of any material removed from the tank, (i.e. water, product, sludge): None

Depth of Ground Water - if actually seen, or known: ____

Type and Number of Samples Taken - soil/water - TPH, BTEX, VOC, etc.: See Report

Laboratory performing analysis: Alchem Phone: 336-4472

Sampling Documentation: Rational for sampling locations; relationship between sampling locations and known areas of contamination; sampling collection procedures, preservation and storage; analytical results including sample dates, dates of analyses, and analytical methods. (ATTACH DOCUMENTATION)

Source of Contamination if found:

Tank ____ Piping ____ Spill/Overfill ✓ Unknown ____

Location of Visual Contamination (i.e. below fill, pipe) related to each tank including the piping: (1) ____ (2) ____
(3) ____ (4) ____ (5) ____

Removal of Contaminated Soil in Tank Pit (where and how stored):

Contaminated Soil Disposal Location: See Report

Pictures Taken: _____ Yes _____ No.

Site Sketch. Show location of USTs removed or closed in place, adjacent buildings, structures, drainage ditches, streams, wells, sewer and water lines, location of samples (indicate depth), and other information which will help in accessing the extend of contamination. Add Township/Range location if available.

Show North Arrow and direction of ground water flow if available.

Sketches should be approximately to scale.

See Report

PREPARED BY (Please print): Jane M. Anderson

SIGNATURE: Jane M. Anderson

IDAHO UNDERGROUND STORAGE TANK
30 DAY NOTICE OF CLOSURE

Facility ID#: 3-140235
County: Canyon

SITE/FACILITY INFORMATION: University of Idaho

Facility Name: Caldwell Research + Extension Center

Facility Location: 16952 S. 10th Ave. (Street) Caldwell, Id. (City, State) 83605 (Zip)

Phone: (208) 459-6360 Fire District: Caldwell

OWNER/OPERATOR INFORMATION:

Owner/Operator: Division of Public Works

Mailing Address: P.O. Box 83720-0072 (Street) Boise, Id. (City, State) 83720 (Zip)

Phone: (208) 345-3403

TANK INFORMATION: (attach additional pages if needed)

In accordance with §280.71 of the Federal EPA Underground Storage Tank Regulations, we are notifying you of our intent to permanently close the following tanks:

TANK ID	PROJECTED CLOSURE DATE	TANK CAPACITY	SUBSTANCE STORED	DATE LAST USED
# 1	7-18-98	1,000 gal.	Diesel	unknown **
# 2	7-18-98	500 gal.	Gasoline	

CLOSURE TO BE PERFORMED BY:

UST Technician: Tony Whitaker Certification #: 9-111315

UST Technician's Employer: Envirotest, Inc. Phone: 343-4030

Site Assessor: (if different) Envirosearch, Int'l. Phone: 345-8292

I have read the instructions on page 2 and conclude the above-stated information is complete and accurate.

OWNER/OPERATOR SIGNATURE: [signature] DATE: 6/24/98

Only signatures by owner/operators will be accepted. UST technicians signatures cannot be used.

****TANKS MUST BE REGISTERED PRIOR TO SUBMISSION OF THIS FORM AND BEFORE CLOSURE CAN BEGIN****

FLUIDS INC.
Fed. I.D. 59-3210374

CUSTOMER PICKUP TICKET ACKNOWLEDGMENT/RECEIPT 137528

REMIT TO:
THERMO FLUIDS INC.
NATIONS BANK
P.O. BOX 841017
DALLAS, TEXAS 75284-101
TERMS: NET 10 DAYS

RECEIVED
JUL 20 1998

MANIFEST # _____

P.O. #/CONTACT Tom TELE. # 208-343-4030

GENERATOR/CUSTOMER NAME U of I / Agricultural Research Center

ADDRESS 5.10th Ave

CITY Caldwell STATE Id ZIP _____

BILLING ADDRESS (IF DIFFERENT) ENVIRO TEST 2127 E. 27th St. Boise Id 8371

MATERIALS	QUANTITY	DRUMS	@	TOTAL
ON SPECIFICATION USED OIL WASTE OIL NOS COM LIQ NA 1270				
OFF SPECIFICATION USED OIL WASTE OIL NOS COM LIQ NA 1270				
GAS / DIESEL (CIRCLE ONE) OIL-MIXTURES	15 gal	1	N/c	~~0~~
OIL WATER MIXTURE				
FIELD SCREEN HALOGEN TEST (TYPE) VOT	1		n/c	~~0~~
ANTIFREEZE				
OTHER Bond Board	1		40.00	40.00
WEIGHT (IF APPLICABLE)	GROSS	TARE	NET	
NEXT PICKUP DATE			TOTALS	$ 40.00

HALOGEN TESTED: (For 1 Test Year) YES X NO _____ HALOGEN TEST RESULTS <1000 PPM

EPA # (IF APPLICABLE) _____

Generator's description of waste and source: (Attach analytical data, MSDS, etc. to back) Diesel fuel mixed

Pursuant to EPA and DOT regulations, generators of waste fluids are required to fully and accurately disclose the nature and source of their waste as well as assure its proper storage, transportation and disposal. I/We certify that the description of the waste set forth on the front side of this Ticket fully, accurately and completely describes the materials being transferred under this Ticket. Nothing of which I/we have knowledge has been omitted and none of the materials are "hazardous waste" as defined by U.S. Department of Transportation, U.S. Environmental Protection Agency, State or Local regulations.

If any of the above described materials transferred to Thermo Fluids, Inc. ("TFI") are found to be "hazardous waste" pursuant to Federal or State regulations, Generator shall be solely responsible for their removal and subsequent management in accordance with all applicable regulations. If Generator fails to remove and manage such materials, TFI, acting as Generator's agent, may arrange such removal and management at Generator's expense. I/We further certify that the Generator's EPA Identification Number provided by this document is correct and valid for this facility. Unless superseded by a Thermo Fluids, Inc. ("TFI") Fluids Recycling Agreement, TFI's warranty and liability and Generator's remedy, is limited to an amount equal to the lesser of (i) damages suffered by Generator as the direct result thereof, or (ii) the total amount paid by the Generator to TFI for the product or services herein provided.

By signing, we hereby promise to pay all bills when rendered. We guarantee payment of all sums reflected on this document. In the event that this account is referred for collection, a cost of twenty-five percent of the principal amount will be added to the total amount due.

AUTHORIZED CUSTOMER'S SIGNATURE _____ CUSTOMER'S NAME PRINTED _____

DRIVER'S SIGNATURE Patrick TRUCK # 48 Date 7/16/98

RECEIVING FACILITY (Check One)

☐ Arizona Facility	☐ Arizona Facility	☐ Nevada Facility	☐ Oregon Facility	☒ Idaho Facility	☐ Colorado Facility	☐ New Mexico Facility	☐ Other
4301 W. Jefferson St.	3401 E. Pennsylvania	9 W Delhi	9333 N. Harborgate	2518 Brandt Ave	4845 Forest Street	3301 Edmunds S.E.	
Phoenix, AZ 85043	Tucson, AZ 85714	N. Las Vegas, NV 89030	Portland, OR 97203	Nampa, ID 83687	Denver, CO 80216	Albuquerque, NM 87102	
AZR000003681	AZ0000878744	NVR000001032	ORQ000005280	IDD984667071	COR000008524	NMR000002253	
(602) 272-2400	(520) 294-9069	(702) 399-6220	(503) 735-9124	(208) 465-4600	(303) 393-1110	(505) 247-9699	

Buying and selli[illegible] the basics.

Pacific™ Steel & Recycling

PURCHASE TICKET 63198

LEGAL OWNER OF GOODS

AUTHORIZED SIGNATURE (REQUIRED)

ADDRESS 213 E 24th

CITY Caldwell STATE ID

S.S.# OR STATE I.D.# #10

RECEIVED JUL 20 1998

BR #	DATE	BY
44	7/16/98	B

DESCRIPTION	#	QUANTITY	UNIT	PRICE	AMOUNT
BEEF HIDES					
GREEN COWS	1100		EA.		
GREEN STEERS	1100		EA.		
# 3 HIDES	1200		EA.		
COUNTRIES	1100		EA.		
BULLS	1600		EA.		
KIPS & CALVES	1700		EA.		
GAME SKINS					
WHOLE DEER	3100		EA.		
DEER HALVES	3200		EA.		
WHOLE ELK AND MOOSE	3300		EA.		
ELK AND MOOSE HALVES	3400		EA.		
ELK AND MOOSE QUARTERS	3400		EA.		
ANTLERS - ELK	3810		LBS.		
ANTLERS - DEER	3800		LBS.		
RECYCLING				V-of I	
PLASTIC	3950		LBS.		
NEWSPAPERS	3850		LBS.	Caldwell	
CARDBOARD	3900		LBS.		
PAPER	3850		LBS.	2 Tanks	
SALVAGE	4500				
ALUMINUM CANS	7950		LBS.		
SCRAP METALS					
SCRAP IRON	4000	1640	LBS.	20/ton	16 40
SCRAP IRON	4000		LBS.		
BROKERED SCRAP	4300		LBS.		
TIN & CAR BODIES	4800		LBS.		
# 1 COPPER	5100		LBS.		
# 2 COPPER	5100		LBS.		
LIGHT COPPER	5100		LBS.		
INSULATED COPPER	5200		LBS.		
IRONY COPPER	5300		LBS.		
CONVERTER PELLETS	5450		LBS.		
RED BRASS	5500		LBS.		
YELLOW BRASS	5600		LBS.		
RADIATORS	5700		LBS.		
STAINLESS	6400		LBS.		
ZINC OR DIE CAST	6450		LBS.		
ALUMINUM	7100		LBS.		
IRONY ALUMINUM	7100		LBS.		
ALUMINUM	7100		LBS.		
ALUMINUM	7100		LBS.		
SOFT LEAD	8100		LBS.		

PURCHASE AGREEMENT PROVISION ON REVERSE SIDE

TOTAL AMOUNT 16 40

☑ CASH ☐ DRAFT #

RBCA SUMMARY REPORT **COVER SHEET AND CHECKLIST**

TIER 0 [ ] TIER 1 [x] TIER 2 [ ]

LUST ID:	FACILTIY ID: 3140038
Site Name: University of Idaho Caldwell Research and Development Center Site Location: 16952 10th Avenue S., Caldwell, ID	Date Completed: 2/5/99 Completed By: EnviroSearch International

ITEM	DESCRIPTION	TIER 0	TIER 1	TIER 2
WORKSHEET LIST				
Worksheet 1	Ownership and Site Description	[ ]	[x]	[ ]
Worksheet 2	UST/AST System Characterization	[ ]	[x]	[ ]
Worksheet 3	Release History	[ ]	[x]	[ ]
Worksheet 4a	Summary of Current and Potential Site Activities	[ ]	[x]	[ ]
Worksheet 4b	Tier 0 Data Summary	[ ]	[x]	[ ]
Worksheet 5	Hydrogeologic Assessment		[x]	[ ]
Worksheet 6	Beneficial Use Summary		[x]	[ ]
Worksheet 7	Water Well Inventory		[x]	[ ]
Worksheet 8	Receptor Survey		[x]	[ ]
Worksheet 9	Ecological Receptor Survey		[x]	[ ]
Worksheet 10	RBCA Site Classification Summary		[x]	[ ]
Worksheet 11	Baseline Exposure Flowchart		[x]	[ ]
Worksheet 12	Surface Soil Concentration Data Summary (<3' BGS)		[x]	[ ]
Worksheet 13	Subsurface Soil Concentration Data Summary (>3' BGS)		[x]	[ ]
Worksheet 14	Groundwater Concentration Data Summary		[x]	[ ]
Worksheet 15	Surface Water Assessment and Data Summary		[x]	[ ]
Worksheet 16	Vapor Assessment		[x]	[ ]
Worksheet 17	Miscellaneous Site Data Summary		[x]	[ ]
Worksheet 18	Tier 1 RBSL Evaluation: Surface Soil		[x]	[ ]
Worksheet 19	Tier 1 RBSL Evaluation: Subsurface Soil		[x]	[ ]
Worksheet 20	Tier 1 RBSL Evaluation: Groundwater		[x]	[ ]
Worksheet 21	Tier 2 Parameter Assessment Sheet			[ ]
Worksheet 22	Tier 2 Surface Soil SSTL Values			[ ]

ITEM	DESCRIPTION	TIER 0	TIER 1	TIER 2
Worksheet 23	Tier 2 Subsurface SSTL Values			[ ]
Worksheet 24	Tier 2 Groundwater SSTL Values			[ ]
Worksheet 25	Tier 2 Baseline Risk Summary Table			[ ]
Worksheet 26	Conclusions and Recommendations	[ ]	[x]	[ ]
Worksheet 27	List of Attachments		[ ]	[ ]
ATTACHMENT LIST				
Attachment 1	Site Plan		[x]	[ ]
Attachment 2	Vicinity Maps		[x]	[ ]
Attachment 3	Map of Water Well Locations		[x]	[ ]
Attachment 4	Well Drillers Reports		[x]	[ ]
Attachment 5	Site Plan w/Sampling Locations	[ ]	[x]	[ ]
Attachment 6	Geologic Cross-Sections		[ ]	[ ]
Attachment 7	Lithologic Logs		[ ]	[ ]
Attachment 8	Groundwater Elevation Map		[ ]	[ ]
Attachment 9	Soil Contaminant Concentration Maps		[ ]	[ ]
Attachment 10	Groundwater Contaminant Concentration Maps		[ ]	[ ]
Attachment 11	Time-Series Groundwater Data		[ ]	[ ]
Attachment 12	Soil Gas Survey/Vapor Concentration Map		[ ]	[ ]
Attachment 13	Summary Tables of all Analytical Results	[ ]	[x]	[ ]
Attachment 14	Summary Tables of all Gauging Data		[ ]	[ ]
Attachment 15	Copies of Analytical Reports	[ ]	[x]	[ ]
Attachment 16	Copies of Manifests, etc.		[x]	[ ]
Attachment 17	Site Photos		[x]	[ ]
Attachment 18	Modeling Documentation (Tier 2 Option 2 only)			[ ]

LUST ID:	FACILITY ID: 3140038

OWNERSHIP AND SITE DESCRIPTION

LOCATION DESCRIPTION

Facility Name: University of Idaho Caldwell Research and Extension Center

Address: 16952 South 10th Avenue

Cross Street: Homedale Road

City: Caldwell, Idaho

County: Canyon

Current Site Water Supply: Domestic water well

Notes:

SITE OWNERSHIP & ACTIVITY RECORD

Time Period		*Instructions*: *Identify (past and present) property owner and operator. Describe past production and materials handling activities, waste disposal practices, and chemicals used.*
Begin	**End**	
Unknown	1905	Undeveloped sage brush land
1905	Present	The 320 acre site was part of the original land granted to the University of Idaho by the United States Congress in 1905. The site has been developed as an agricultural research and teaching center since that time. All buildings occupied by humans are located on east side of 10th Avenue, while the tanks and storage buildings are located on the west side of 10th Avenue. The two underground storage tanks addressed in these worksheets were installed approximately 25 years ago for the storage of gasoline and diesel. Past production and materials handling activities, waste disposal practices, and chemicals used at the site are not known

UST/AST SYSTEM CHARACTERIZATION

Release Information

UST/AST System Status:
[ ]Active [ ] Permanently or Temporarily Out of Service
[X]Closed/Removed

Method of release discovery:
[X]UST Removal [ ]Release Detection Equipment
[ ]Divestiture Assessment [ ]Inventory Control
[ ]System Tightness Testing [ ]Other _____

Substance released (check all that apply)
[X]Gasoline [X] Diesel [ ]Waste Oil
[ ]AV Gas [ ]Jet Fuel [ ]Hydraulic Fluid
[ ]Other_____

Sources of Release(s):	**Date Discovered:**
[X]Spills/overfills	7/16/98
[ ]Piping	
[ ]Dispenser	
[ ]Tank	
[ ]Other	

Other Comments:

Describe the measures taken to abate the release:
The 1,000 gallon diesel UST and the 500 gallon gasoline UST were removed from the ground on July 16, 1998 Approximately 13 cubic yards of impacted soil was excavated from beneath the USTs; 3 cubic yards were spread out on-site under the direction of DEQ, while the additional 10 yards were disposed of at Gillingham Construction which was approved of by DEQ. The excavations were backfilled with clean fill material.

If Release Is Spill:

Estimated Quantity Released Unknown
Areal extent (ft^2) Unknown
Depth 7 feet BGS

Removal Information

Date(s) of removal(s): 7/16/98
Type of Removal:_____
[X]Removal from the ground [ ]Closure in place
Water in tankhold during excavation? [ ]Yes [X] No
Depth of water in tankhold:
[ ]5 ft. [ ]5-10 ft. [ ]11-15 ft. [X] None
NAPL: [ ]Yes [X] No Thickness: (ft.):_____
Water excavated from tankhold? [ ]Yes [X] No
Volume (gal.):_____
Groundwater recharged into tankhold: [ ]Yes[X]No
Depth (ft. BGS):_____
Status of excavation(s):
[ ]Open with water [ ]Open/dry
[ ]Backfilled & impervious cover
[X]Backfilled & no impervious cover
Type fill:
[ ]Untreated backfill [ ]Treated backfill [ ]Other
[ ]Clean fill-gravel [X]Clean fill - sandy/clay

Other Comments:

Provide the maximum contaminant concentrations milligrams per kilograms (mg/kg) of untreated backfill returned to the tankhold(s): Benzene na TEX na TPH na Other__
Imported clean backfill material was placed in the excavation.

If a new UST/AST system was installed describe & indicate on Attachment 1.

Maximum level of contamination detected in native soils upon completion of removal/repair (mg/kg):

Chemical of Concern	Sample Date	Sample Location/Depth	Laboratory Method Detection Limit	Maximum Concentration (mg/kg)
Benzene	7/16/98	S end of diesel/ 6.5'	0.025	0.080
Toluene	7/16/98	S end of diesel/ 6.5'	0.025	<0.025
Ethylbenzene	7/16/98	S end of diesel/ 6.5'	0.025	0.040
Total Xylenes	7/16/98	S end of diesel/ 6.5'	0.025	0.205
EDB	7/16/98	N end of gas/ 6.5'	0.0005	<0.0005
EDC	7/16/98	N end of gas/ 6.5'	0.025	<0.025
Other_MTBE	7/16/98	S end of diesel/ 6.5'	0.250	<0.250
Other_Naphthalene	7/16/98	S end of diesel/ 6.5'	0.025	<0.025

Site Name: University of Idaho Research and Extension Center Site Location: Caldwell, Idaho

RELEASE/SOURCE AREA HISTORY		
Time Period		**Instructions:** Describe potential sources and spill events, including location type and estimated volume of materials stored or released, time and duration of release, and affected media (soil, ground water, etc.). Discuss past corrective actions efforts as appropriate.
Begin	**End**	
Unknown	7/16/98	An apparent overfill of the 1,000-gallon diesel tank is the possible source of contamination. The UST was installed more than 25 years ago and was in use until decommissioning on July 16, 1998; therefore the duration and quantity of the release is not known.

Site Name: UOI Research and Extension Center	Date Completed: 2/5/99
Site Location: Caldwell, Idaho	Completed By: EnviroSearch

SUMMARY OF CURRENT & COMPLETED AND POTENTIAL NEAR-TERM SITE ACTIVITIES

Typical site activities to be recorded include: *• Preliminary Site Assessment/Site Inspection • Emergency Response • Review Hazard Ranking System • Risk/Exposure Assessment • Remedy Selection • Remedy Implementation*

Types of sampling & testing include: *• Soil • Surface Water •Vapors*

Date Completed	Status of Task	Description of Task	Sampling and Testing Conducted
7/16/98	[x] Completed [ ] Current [ ] Potential	Decommission one 1,000-gallon diesel UST and one 500-gallon gasoline UST.	Two soil samples were collected from beneath each of the removed USTs. UOIC-1 and UOIC-2 were collected from beneath southern and northern ends of the 1,000-gallon diesel UST at 6.5' BGS. UOIC-3 and UOIC-4 were collected from beneath southern ends and northern of the 500-gallon gasoline UST at 6.5' BGS. Samples UOIC-1 and UOIC-2 were analyzed for BTEX by EPA Method 8020 and for PAHs by EPA Method 8270. Samples UOIC-3 and UOIC-3 were analyzed for BTEXN and MTBE by EPA method 8020; EDB by EPA Method 8011; and, EDC by EPA Method 8010. Backfilled the excavation and spread approximately 3 cubic yards of excavated soil on top of the excavation.
	[ ] Completed [ ] Current [ ] Potential		
	[Completed [ ] Current [ ] Potential		

Site Name: UOI Research and Extension Center	Site Location: Caldwell, Idaho
LUST ID:	Facility ID: 3140038

TIER 0 DATA SUMMARY

Low precipitation (<15' inches/yr total annual) ?[x] High precipitation (>15' inches/yr) ? ☐
Estimated Volume of Contaminated Soil Removed 13 cubic yards
Key excavation area # to locations indicated on map in Attachment 5.

Area	Size of Excavation(s) (ft.)			# Samples		COCs Sampled		
	Length	Width	Depth	Sidewalls	Bottom	[x]VOC's	[x]PAH's	[ ]Other
1	14	10	7		4	4	2	

Sample Summary

Area	Sample No.	Depth	Area	Sample No.	Depth
1	4	6.5'			

Do any samples exceed applicable Tier 0 cleanup levels? [x]Yes [ ]No
If yes, list sample # and analytical result and applicable Tier 0 concentration. UOIC-1 0.080 mg/kg benzene

Disposition of Excavated Soil

Soil Treated On - Site?	[ ]Yes	[x] No
If No:	Yes	No
Land Treatment?	[ ]	[ ]
Land Fill?	[ ]	[ ]
Other:	[x]	[ ]

Is treatment Complete? Yes
If yes, attach documentation.

Is treatment site approved? Yes.
Attach Land Treatment Site Application.

What is the final use of treated soil?
Discuss.
Final disposition of impacted soil was disposal at Gillingham Construction in Boise, Idaho which was approved of by Mr. Mark Van Kleek with DEQ.

HYDROGEOLOGIC ASSESSMENT

GROUNDWATER DATA AND EVALUATION

Groundwater affected by release: [ ]Yes [x] No

Site Hydrogeology	Upper Most Zone	Other
Depth to groundwater (ft.)	Ranges between 6-90 (Static)	
Aquifer type (Perched, confined, unconfined)	See discussion	
*Estimated Aquifer thickness (ft.)		
*Water level fluctuation (ft.)		
Gradient (ft./ft.)/Direction	Unknown	
*Saturated hydraulic conductivity (ft./day)		
*Approximate well yield		
Lithology	Sand and clay layers	
Hydraulic conductivity test method:	☐ grain ☐ slug test ☐ pump test ☐ other (specify)	☐ grain ☐ slug test ☐ pump test ☐ other (specify)

Discussion:
Based on a review of well driller's logs from the area, the depth to groundwater is variable. Static water levels are reported above. Groundwater appears to be encountered in sandy gravels and clay layers ranging from a depth below ground surface of 30 to 150 feet with static water levels ranging from 6 to 90 feet BGS. However, one well located within ¼ mile of the site reported a static water level of 10' BGS. A driller's report for a well located on the site stated static water level was 60 feet BGS and that report is considered the most accurate for this evaluation. The well logs depict both unconfined and confining conditions in the various wells. A soil boring was advanced to 47' BGS within the vicinity of the two removed USTs. Fill material consisting of sandy gravel with silt was encountered to 10' BGS. 10' to 18' BGS consisted of poorly sorted sand with gravel. Fine to medium sand was encountered 18' to 40' BGS. Hard, dense lean clay with medium plasticity was observed from 40' to 42' BGS. The clay was underlain by fine to medium sand to a depth of 47' BGS. Groundwater was not encountered in this soil boring.

AQUITARD/CONFINING LAYER (if known)

	Below First Encounter Water Unit	Above Primary Drinking Water Unit
Depth below grade (ft.)		
Thickness (ft.)		
Soil or rock type:		

Discussion:

* Items not required for Tier 1 analysis.

Site Name: UOI Research and Extension Center Site Location: Caldwell, Idaho

BENEFICIAL USE SUMMARY

The purpose of this worksheet is to identify existing and reasonable beneficial uses for land, groundwater, and surface water. These uses will help establish any existing or potential receptors.

Site Land Use

	Current	Potential	Prior
Residential	[ ]	[ ]	[ ]
Commercial/Industrial	[ ]	[ ]	[ ]
Wildlife Habitat	[ ]	[ ]	[ ]
Other: Agricultural	[X]	[ ]	[X]

Other Comments

discuss options for listed items (including no anticipated future use)

The site is located on the 320 acres which was granted to the UOI Research and Extension Center and is currently used as a livestock feeding area. The site contains several shop and equipment storage building. There are no buildings which are occupied by humans in the vicinity of the USTs

Notes:

Local Land Use

	Current	Potential	Prior
Residential	[ ]	[ ]	[ ]
Commercial/Industrial	[X]	[X]	[ ]
Wildlife Habitat	[ ]	[ ]	[ ]
Other: Agricultural	[X]	[X]	[ ]

Other Comments

discuss options for listed items (including no anticipated future use)

The immediate vicinity is primarily a university agricultural and livestock research center . The surrounding area includes shops, cattle yards, UOI office buildings, and buildings used for classroom instruction (east side of 10th Avenue). Residential areas are located north and south of the UOI Research and Extension Center

Notes:

GROUNDWATER RESOURCES

First Encountered Groundwater

	Current	Potential
Domestic Supply	[X]	[X]
Public/Municipal Supply	[X]	[X]
Industrial Process Supply	[ ]	[ ]
Agriculture	[X]	[X]
Other:	[ ]	[ ]

COMMENTS

Other Comments

discuss options for listed items (including no anticipated future use)

Based on driller's logs, groundwater is encountered at approximately 30' to 150' is used for public, domestic, and agricultural uses. Groundwater flow is generally to the north. Three wells located on the UOI Research and Extension Center property are domestic and one well is for irrigation purposes. The domestic and irrigation wells are located to the east and to the south of the site in a typically upgradient or lateral to the groundwater flow direction.

Notes:

SURFACE WATER RESOURCES

	Current	Potential
Domestic Supply	[ ]	
Aquatic Life	[ ]	
Recreation	[ ]	
Wildlife Habitat	[ ]	
Other: Agricultural	[X]	

COMMENTS

discuss options for listed items (including no anticipated future use)

The nearest surface water are irrigation canals used for agricultural purposes. The Deer Flat Caldwell Canal is located within ¼ mile north of the site.

Notes:

Completed by: EnviroSearch International Revision date: 2/5/99

WATER WELL INVENTORY

SUMMARY OF WELLS WITHIN 0.5 MILE RADIUS OF THE SITE

			Downgradient Direction (1/4 mile)		
	Total No.	Active No.	Total No.	Active No.	No. Screened in Affected Aquifer
Public/Municipal:	1	Unknown			
Industrial:					
Domestic:	22	Unknown	2	Unknown	0
Agricultural:					

Discussion:
Since groundwater is apparently not impacted from this release, there is no affected aquifer.

POTENTIAL RECEPTOR POINTS

	Downgradient Water Wells		Closest Downgradient Well Screened Within Affected Aquifer	
Well No./Designation:				
Distance from Site (ft.).				
Total Well Depth (ft.)				
Current Use of Water:				
Screened Interval below Ground Surface (ft):				
Year Constructed:				

	Downgradient Water Wells		Closest Downgradient Well Screened Within Affected Aquifer	
Well No./Designation:				
Distance from Site (ft.).				
Total Well Depth (ft.)				
Current Use of Water:				
Screened Interval below Ground Surface (ft):				
Year Constructed:				

Comments: *(Include discussion of any ordinances which prevent or influence the future installation of water wells at the site or surrounding area.)* Locations of potential receptor points should be keyed to site map. If no wells are located within ½ mile radius of the site, the closest reasonable placement for a future off-site well should be indicated.

RECEPTOR SURVEY

Underground Utility Survey

Nearest Underground Utility

Name: Private Electrical Line

Type: Electrical Line

Depth of utility: 2' BGS

Distance & direction from affected zone: 5' above affected zone

Nearest Downgradient Utility

Name: Unknown

Type:

Distance & direction from affected zone:

Other Comments:

Discuss other receptors and indicate on Attachment. If affected discuss abatement measures. Indicate locations of utilities on Attachment 1.

The electric line is located approximately 5' above the impacted soil. No utility lines lie within the affected area.

Building Survey

Nearest Building

Name: UOI Research and Extension Center Building

Type: Shop/Storage Building

Depth of utility:

Distance & direction from affected zone: Approximately 20 feet east of affected area

Nearest Downgradient Building

Name: UOI Research and Extension Center Building

Type: Shop/Storage Building

Distance & direction from affected zone: Approximately 65 feet north of the affected area

Other Comments:

Discuss nearest and other receptors and indicate on Attachment 2. Buildings should include residences, schools, day care facility, nursing home, etc.

The nearest building is located 20 feet east of the affected area. According to site personnel, the building is used for storage of machinery and equipment and is not occupied by any humans for any length of time. The building is lateral to groundwater flow direction. The nearest down gradient building is located 65 feet north of the affected area. The building is used as shop/storage building and is owned by the University of Idaho Research and Extension Center.

Surface Water Hydrology

Nearest Surface Water

Name: Deer Flat Caldwell Canal

Type: Irrigation Canal

Depth of utility:

Distance & direction from affected zone: 1500 feet north of the affected area

Impacted Surface Water

Name: None

Type:

Distance & direction from affected zone:

Nearest Downgradient Surface Water

Name:

Type:

Distance & direction from affected zone:

Other Comments:

If affected, or potentially affected, complete Worksheet 15.0. Describe potential for affected storm water or groundwater discharge to surface water feature.

Surface water has not been affected by this release.

ECOLOGICAL RECEPTOR SUMMARY
Qualitative Ecological Impact Assessment

Site Name: UOI Research and Extension Center	Site Location: Caldwell, Idaho
Date Conducted: February 5, 1999	Completed by: EnviroSearch

Checklist for Potential Receptors and Habitat	Yes	No
■ Are ecologically important wetlands such as marshes, swamps, or riparian areas adjacent to the site?	[ ]	[X]
■ Are ecologically important aquatic habitats such as rivers, lakes, or streams adjacent to the site?	[ ]	[X]
■ Are ecologically important forested habitats adjacent to the site?	[ ]	[X]
■ Are ecologically important grassland habitats adjacent to the site?	[ ]	[X]
■ Are there federal or state rare threatened, or endangered species near the site?	[ ]	[X]
■ Are there one or more sensitive environments, such as critical habitat for endangered or threatened species or a national or state wildlife refuge near the site?	[ ]	[X]
■ Are commercially, recreationally, or ecologically important species present?	[ ]	[X]

[ ]YES = Complete exposure pathway evaluation below and description of potential receptors habitat characterizations and impacts on worksheet 9b.

[X] NO = No further action.

Checklist of Exposure Pathways	Yes	No
■ Could contaminants reach receptors via groundwater?	[ ]	[ ]
Can contaminants leach or dissolve to groundwater?	[ ]	[ ]
Are contaminants mobile in groundwater?	[ ]	[ ]
Does groundwater discharge into habitats?	[ ]	[ ]
■ Could COC reach receptors via migration of NAPL?	[ ]	[ ]
Is NAPL present at the site?	[ ]	[ ]
Is NAPL migrating toward receptors?	[ ]	[ ]
Could NAPL discharge become exposed where receptors are located?	[ ]	[ ]
■ Could COC reach receptors via runoff?	[ ]	[ ]
Are contaminants present in surface soils?	[ ]	[ ]
Can contaminants be leached from or eroded with surface soils?	[ ]	[ ]
Is there a receptor located down gradient of the eroded surface soil?	[ ]	[ ]
■ Could COC reach receptor via direct contact?	[ ]	[ ]
Is the receptor located or using the area where the contaminant exists?	[ ]	[ ]
Is the location of contamination such that the receptor could contact it?	[ ]	[ ]
■ Could COC reach the receptor through inhalation via surface air or burrows?	[ ]	[ ]
Could the contaminant be volatilized or transported in air as a respirable particulate?		
Is the airborne contaminant transported to the receptor?		

ECOLOGICAL RECEPTOR SUMMARY

Qualitative Ecological Impact Assessment - Visual Site Inspection

Site Name: UOI Research and Extension Center Site Location: Caldwell, Idaho
Date Conducted: February 5, 1999 By: EnviroSearch

Observed Impacts Associated with Site			
On-site vegetation	[X]none	[ ]limited	[ ]extensive
Off-site vegetation	[X]none	[ ]limited	[ ]extensive
On-site mammals, birds, fish, etc.	[X]none	[ ]limited	[ ]extensive
Off-site mammals, birds, fish, etc.	[X]none	[ ]limited	[ ]extensive
Other impacts	[X]none	[ ]yes (explain below)	
Discussion: No observed impacts associated with this site.			

HABITAT CHARACTERIZATION

Presence of Sensitive Habitat

Site located within or pacts a sensitive or protected habitat?	[X]no	[ ]yes (explain below)		
Description of Sensitive habitat				
Name:		Location		
Habitat Type	[ ]Aquatic	[ ]Wetland	[ ]Riparian	[ ]Upland
Habitat Condition:	[ ]Pristine	[ ]Highly Affected	[ ]Early Recovery	[ ]Late Recovery
Discussion: (Provide other information relative to habitat characterization including regulatory authority, basis for protection.)				

ECOLOGICAL RECEPTORS

Presence of Impacted Ecological Receptors

Site conditions have impacted sensitive ecological receptors, either on-site or off-site? [x]no [ ]yes (explain below)

List of Affected Receptors

Threatened or Endangered Species	Economically/Sport Important Species
None	None

RBCA SUMMARY REPORT **Worksheet # 10**

Site Name: UOI CaldwellResearch and Extension Center	Date Completed: February 5, 1999
Site Location: 16952 South 10th Avenue, Caldwell, Idaho	Completed By: EnviroSearch

RBCA SITE CLASSIFICATION SUMMARY

Instructions: *Determine RBCA Site Classification using information in Tables 4-1 through 4-4 provided in RBCA Guidance Manual, follows:*

1. *Evaluate available information on site soils, vapors, groundwater, surface water, and miscellaneous impacts.*
2. *Record critical site classification scenario and initial response action in space provided.*
3. *As site evaluation progresses, update site classification as appropriate by repeating Steps 1 - 3, based upon additional site data or completion of corrective measure.*

Site Status		Potentially Impacted Media		Rationale for classification	Initial Response
Date	Initial Classification				
2/5/99	[ ] 1	Soil	[x]	Impacted soils are located more than 3' bgs and lower depth of contamination is about 50' above unconsolidated aquifer.	
	[ ] 2	Ground water	[ ]		
	[ ] 3	Vapor	[ ]		
	[x] 4	Surface Water	[ ]		
Revised Classification					
Date	Initial Classification				
	[ ] 1	Soil	[x]		
	[ ] 2	Ground water	[ ]		
	[ ] 3	Vapor	[ ]		
	[x] 4	Surface Water	[ ]		

RBCA SUMMARY REPORT

Site Name: UOI Caldwell Research and Extension Center
Site Location: 16952 S. 10th Avenue
Date Completed: 2/5/99
Completed By: EnviroSearch

BASELINE EXPOSURE FLOWCHART

Instructions: *To characterize baseline exposure conditions, check boxes to identify applicable primary sources, secondary sources (affected media), potential transport mechanisms, and current or potential exposure pathways and receptors (■ = applicable to site). Identify type(s) of both on-site and off-site receptors, if applicable.*

PRIMARY SOURCES

- ☐ Product Storage
- ☐ Piping/Distribution
- ☐ Operations
- ☐ Waste Mgmt Unit
- ■ Other: Orchard

SECONDARY SOURCES

- ■ Affected Surface Soils (<3 ft depth)
- ■ Affected Subsurface Soils (3 ≥ ft depth)
- ☐ Dissolved Groundwater Plume
- ☐ Free-Phase Liquid Plume
- ☐ Affected Surface Soils, Sediments, or Surface Water

TRANSPORT MECHANISMS

- ■ Wind Erosion and Atmospheric Dispersion
- ■ Volatilizaiton and Atmospheric Dispersion
- ■ Volatilization and Enclosed Space Accumulation
- ■ Leaching and Groundwater Transport
- ☐ Mobile Free- Liquid Migration
- ☐ Stormwater/ Surface Water Transport

EXPOSURE PATHWAY

- ■ SOIL — Dermal Contact/ Ingestion/Inhalation
- ■ AIR — Inhalation of Vapor
- ■ GROUNDWATER — Potable Water Use
- ☐ SURFACE WATER — Recreational Use/ Sensitive Habitat

POTENTIAL RECEPTORS

Exposed Receptors

On-Site:	☐ Residential	■ Commerical	☐ N/A	
	☐ Sensitive Habitat	☐ Recreation		
		☐ Other		
Off-Site:	☐ Residential	☐ Commercial	☐ N/A	
	☐ Sensitive Habitat	☐ Recreation		
		☐ Other		

Exposed Persons

On-Site:	☐ Residential	■ Commerical	☐ N/A	
	☐ Sensitive Habitat	☐ Recreation		
		☐ Other		
Off-Site	☐ Residential	☐ Non-Resid.	☐ N/A	
	☐ Sensitive Habitat	☐ Other		

Groundwater Users

On-Site:	☐ Residential	■ Commerical	☐ N/A
		☐ Other	
Off-Site	☐ Residential	☐ Commerical	☐ N/A
		☐ Other	

Surface Water Users

On-Site:	☐ Residential	☐ Commerical	☐ N/A	
	☐ Sensitive Habitat	☐ Recreation		
		☐ Other		
Off-Site:	☐ Residential	☐ Commercial	☐ N/A	
	☐ Sensitive Habitat	☐ Recreation		
		☐ Other		

COMPLETE PATHWAY?

☐ No ■ Yes	● Current ● Potential
☐ No ☐ Yes	○ Current ○ Potential
☐ No ■ Yes	● Current ● Potential
☐ No ☐ Yes	○ Current ○ Potential
☐ No ■ Yes	● Current ● Potential
☐ No ☐ Yes	○ Current ○ Potential
☐ No ☐ Yes	○ Current ○ Potential
☐ No ☐ Yes	○ Current ○ Potential

Site Name: UOI Caldwell Research and Extension Center Site Location: 16952 South 10th Avenue, Caldwell, Idaho	Date Completed: EnviroSearch International Completed By: November 5, 1998

SURFACE SOIL CONCENTRATION DATA SUMMARY (≤ 3 FT BGS)

[X] Present [ ] Not Present [ ] Not Measured	
Surface cover over affected soil zone: (check all that apply) [ ] Concrete [ ] Asphalt [X] Gravel [ ] Dirt [ ] Grass [ ] Other	
Percent of affected soil zone covered with impervious cover [X] 0-25% [ ] 25-50% [ ] 50-75% [ ] 75-100%	
If there is no impervious surface cover, is there public access to the affected surface (0-3) soil? [ ] Yes No [X]	
Affected soil thickness (ft.): 0 TO 1'	*Affected soil zone surface area dimensions (ft.): 8' X 8'
Maximum depth of contamination exceeding appropriate Plan a risk-based levels: ft. BGS	
Minimum distance from affected soil zone to property boundary: [ ] 0-10 ft [ ] 10-50 ft. [ ] 50-100 ft. [X] 100-300 ft. [ ] 300-500 ft. [ ] >500ft. [ ] Extends beyond property boundary.	

Instructions: *Indicate type and concentrations of hazardous constituents detected in surface soil. Provide statistical data (maximum value, mean value, upper 95% confidence limit on mean) on detectable concentrations only. Do not include non-detects from outside of source zone. Select "representative concentration" value for comparison to cleanup standard (SSTL or RBSL) and calculation of baseline risk. Provide detailed lab data table(s) as Attachment 13 to this report and laboratory reporting sheets in Attachment 15.*

CONSTITUENTS DETECTED	ANALYTICAL METHOD		SAMPLE POPULATION		DETECTED CONCENTRATIONS			Selected Representative Conc.
Name	Method No.	Typical Detection Limit (mg/kg)	No. of Samples	No. of Detects	Max. Conc. (mg/kg)	Mean. Conc. (mg/kg)	Upper 95% CL Conc. (mg/kg)	(mg/kg)
Ethylbenzene	8020	0.025	2	1	0.030	N/A	N/A	0.030
Xylenes	8020	0.025	2	2	0.150	0.125	N/A	0.150
Naphthalene	8020	0.025	2	2	0.905	0.673	N/A	0.905
Phenanthrene	8270	0.067	2	1	0.140	N/A	N/A	0.140
Fluorene	8270	0.067	2	1	0.0699	N/A	N/A	0.0699

Site Name: UOI Caldwell Research and Extension Center

Site Location: 16952 10 Avenue South, Caldwell, Idaho

Date Completed: February 5, 1999

Completed by: EnviroSearch International

SUBSURFACE SOIL CONCENTRATION DATA SUMMARY (>3 FT BGS)

Instructions: *Indicate type and concentrations of hazardous constituents detected in subsurface soil. Provide statistical data (maximum value, mean value, upper 95% confidence limit on mean) on detectable concentrations only. Do not include non-detects from outside of source zone. Select "representative concentration" value for comparison to cleanup standard (SSTL or RBSL) and calculation of baseline risk. Provide detailed lab data table(s) as Attachment 13 and label reporting sheets in Attachment 15.*

Affected Subsurface Soils (>3ft. BGS)

[X] Present
[ ] Not Present
[ ] Not Measured

If present, complete the following:

- Depth to top of affected soil (min. 3 ft, BGS) (ft) 6.5
- Maximum areal extent (ft^2): 20
- Depth to base of affected soil (ft, BGS): Unknown
- Depth Below base of affected soil to GW (ft.) 55

CONSTITUENTS DETECTED	ANALYTICAL METHOD		SAMPLE POPULATION		DETECTED CONCENTRATIONS			Selected Representative Conc. (mg/kg)
Name	Method No.	Typical Detection Limit (mg/kg)	No. of Samples	No. of Detects	Max. Conc. (mg/kg)	Mean. Conc. (mg/kg)	Upper 95% CL Conc. (mg/kg)	
Benzene	8020	0.025	4	1	0.080	N/A	N/A	0.080
Ethylbenzene	8020	0.025	4	1	0.040	N/A	N/A	0.040
Total Xylenes	8020	0.025	4	1	0.205	N/A	N/A	0.205

Site Name: UOI Caldwell Research and Extension Center

Site Location: 16952 South 10th Avenue, Caldwell, Idaho

Date Completed: February 5, 1999

Completed by: EnviroSearch International

GROUNDWATER CONCENTRATION DATA SUMMARY

Affected Groundwater

[ ] Present
[X] Not Present
[ ] Not Measured

If present, complete the following:

- Maximum areal extent (ft^2) _____
- Length of plume (ft.):_____
- Depth to base of plume (ft. BGS):_____
- Depth to top of affected water-bearing unit ft.BGS):_____
- Width of plume (ft): _____

Distance from edge of plume to property boundary if on site: [ ] < 10ft. [ ] 10-50ft. [ ]50-100ft [ ]100-300ft. [ ] >300ft.

Distance from property boundary to edge of plume if off-site: [ ] < 10ft. [ ] 10-50ft. [ ]50-100ft [ ]100-300ft. [ ] >300ft.

Instructions: *Indicate type and concentrations of hazardous constituents detected in groundwater. Provide statistical data (max imum value, mean value, upper 95% confidence limit on mean) on detectable concentrations only. Do not include non-detects from outside of source zone. Select "representative concentration" value for comparison to cleanup standard (SSTL or RBSL) and calculation of baseline risk. Provide detailed lab data table(s) in Attachment 13 and lab reporting sheets in Attachment 15.*

CONSTITUENTS DETECTED		ANALYTICAL METHOD		SAMPLE POPULATION		DETECTED CONCENTRATIONS			Selected Representative Conc. (mg/l)
Name	Time Period Represented by Samples	Method No.	Typical Detection Limit (mg/l)	No. of Samples	No. of Detects	Max. Conc. (mg/l)	Mean. Conc. (mg/l)	Upper 95% CL Conc. (mg/l)	

SURFACE WATER ASSESSMENT AND DATA SUMMARY

SURFACE WATER DATA AND EVALUATION

Surface waters affected? Name: Type:

[ ] Yes [X] No Name: Type:

Mechanism of surface water impact. [ ] discharge from groundwater [ ] direct discharge

[ ] discharge from conveyance structure (canal/ditch)

NAPL present on surface water run off: [ ] Yes [ ] No

NAPL recovery method: [ ] passive skimmer [ ] sorbent socks [ ] automated system
[ ] booms [ ] other [ ] none

Volumes recovered to date (gals.): Aerial extent of NAPL plume ($ft.^2$):

Designated and existing beneficial uses of affected surface water:
[ ] domestic water supplies [ ] primary/secondary contact recreation
[ ] aquatic life [ ] other

Is a public or domestic surface water intake impacted or threatened: [ ] Yes [ ] No

If impacted lake or pond, indicate affected surface area ($ft.^2$)

Average depth of surface water (ft.):

Maximum level of contamination detected in surface water (mg/l):

Chemical of Concern	Sample Date	Sample Location/Depth	Analytical Method	Laboratory Method Detection Limit	Maximum Conc. (mg/l)

Describe affected area, methods of determination and any abatement measures. Discuss the migration pathway between the source of contamination and the surface water body.

VAPOR ASSESSMENT AND DATA SUMMARY

VAPOR DATA AND EVALUATION

Known vapor impact: [ ] Yes [X] No

Location: [ ] ambient air [ ] utilities [ ] residences [ ] hospital
[ ] school/day care [ ] commercial building [ ] other

Lower Explosive Limit (LEL) concentrations: [ ] not measured [ ] measured [ ] calculated[1]

NAPL present or soil concentration near saturation (for calculating soil vapor concentrations:
[ ] Yes [ ] No Depth (ft. BGS):

Vapor monitoring data:

Sample No.	Location	Depth	% LEL	Total Organic Vapors (ppmv)	Benzene (ppmv)	Other

If vapor concentrations exceed 25% of the LEL or other potential for explosive vapor to exist in surface or subsurface structure, describe affected area, methods of determination, and any abatement measure. Identify and discuss any occupational or indoor air exposures to released contaminants. Provide all calculations for the determination of the target concentrations:

[1] LEL % should reflect whole mixture evaluation. If more than one compound is present, actual measurement of vapors will typically be warranted.

MISCELLANEOUS SITE DATA SUMMARY

NAPL PLUME

NAPL present? [ ] Yes [X] No	On-Site (Provide Well ID)	Thickness (ft.)	*Beyond Property Boundary (Provide Well ID)	Thickness (ft.)
Current maximum NAPL thickness (ft.):				

NAPL recovery method: [ ] hand bail [ ] passive skimmer [ ] sorbent socks [ ] automated system [ ] none

Volume recovered to date (gals.):

*Aerial extent of NAPL plume: ($ft.^2$) _____ [ ] beyond property boundary

*Distance from edge of NAPL plume to property boundary if on site: [ ] < 10 ft. [ ] 10-50 ft. [ ] 50-100 ft. [ ] 100-300 ft. [ ] > 300 ft.

*Distance from edge of NAPL plume from property boundary if off site: [ ] < 10 ft. [ ] 10-50 ft. [ ] 50-100 ft. [ ] 100-300 ft. [ ] > 300 ft.

Biodegradation Indicators:
Present spatial distribution of dissolved Oxygen, CO2, CH4, Fe, SO or other alternate electron acceptors on isoconcentration map. (Attachment 11)

Geotechnical Soil Parameters:

Parameter	Result	Depth	Location/ Sample ID	Method of Determination
Dry Bulk Density (g/cm^3):				
Effective Porosity (%):				
Fraction Organic Carbon (g/g):				
Hydraulic Conductivity cm/s:				
Water Content (cm/cm^3):				
Other:				

Site Name: UOI Caldwell Research and Extension Center
Site Location: 16952 South 10th Avenue, Caldwell, Idaho
Date Completed: February 5, 1999
Completed by: EnviroSearch International

TIER 1 RBSL EVALUATION: SURFACE SOIL (≤3FT BGS)

Record site sample measurements for constituents of concern (COCs) and corresponding RBSL values. Note whether site concentration exceeds minimum RBSL values.

CONSTITUENTS OF CONCERN			Max Conc.	RBSL Results for Complete/Potentially Complete Exposure Pathways: Vapor Inhalation/ Soil Ingestion/Dermal	RBSL Exceeded?
Name	Residential	Commercial	(mg/kg)	(mg/kg)	[x] If yes
Ethylbenzene	[ ]	[x]	0.030	>Res	[ ]
Xylenes	[ ]	[x]	0.150	>Res	[ ]
Naphthalene	[ ]	[x]	0.905	>Res	[ ]
Phenanthrene	[ ]	[x]	0.140	>Res	[ ]
Fluorene	[ ]	[x]	0.0699	>Res	[ ]
	[ ]	[ ]			[ ]
	[ ]	[ ]			[ ]
	[ ]	[ ]			[ ]
	[ ]	[ ]			[ ]
	[ ]	[ ]			[ ]
	[ ]	[ ]			[ ]

RBCA SUMMARY REPORT **Worksheet # 19**

Site Name: UOI Caldwell Research and Extension Center	Date Completed: February 5, 1999
Site Location: 16952 10th Avenue South, Caldwell, Idaho	Completed By: EnviroSearch International

TIER 1 RBSL EVALUATION: SUBSURFACE SOIL (>3FT BGS)

Identify complete exposure pathways for site (■ = complete). Record maximum site sample measurements for constituents of concern (COCs) and corresponding RBSL values for complete pathways. Identify minimum RBSL value for COC. Note whether site concentration exceeds minimum RBSL value.

Constituents of Concern				Max Conc.	RBSL Results for Complete/Potential Complete Exposure Pathways				
					[x] Leaching Groundwater	[x]Vol. to Amb. Air.	[x] Vol. to Indoor Air	Minimum RBSL Value	RBSL Exceeded?
Name	Residential	Commercial	On/Off Site	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	[x] If yes
Benzene	[ ]	[X]	On-Site	0.080	1.76	28.2	0.063	0.063	[X]
Ethylbenzene	[ ]	[X]	On-Site	0.040	683	>Res	14	14	[ ]
Total Xylenes	[ ]	[X]	On-Site	0.205	11,103	>Res	10.6	10.6	[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]

Site Name: UOI Caldwell Research and Extension Center	Dated Completed: 2/5/99
Site Location: 16952 S. 10th Avenue, Caldwell, Idaho	Completed By: EnviroSearch International

TIER 1 RBSL EVALUATION: GROUNDWATER

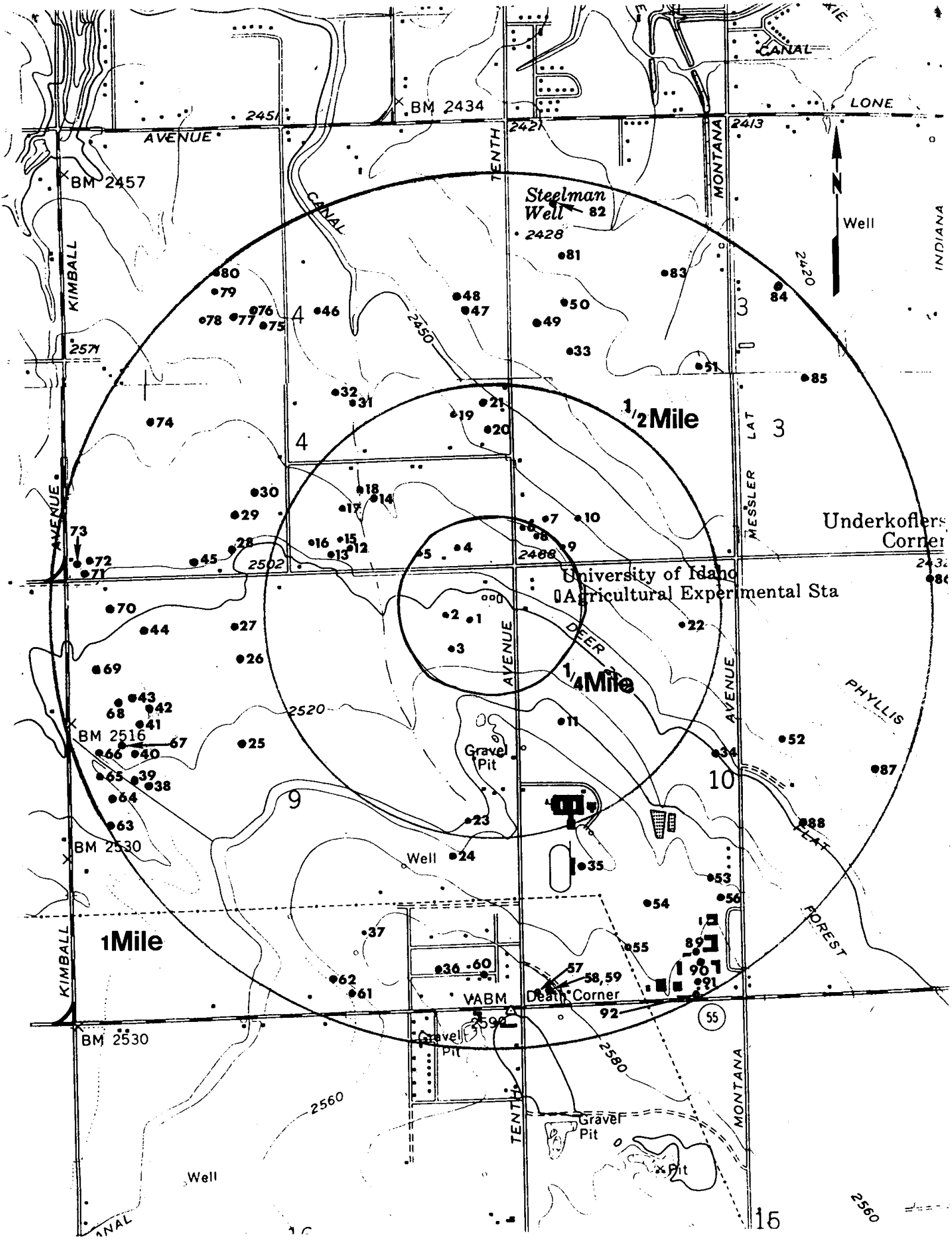
Instructions: *Specify target risk limits upon which Tier 1 risk-based screening levels are based. Identify complete exposure pathways for site (■ = complete). Record site sample measurements for constituents of concern (COCs) and corresponding RBSL values for complete pathways. Identify minimum RBSL value for COC. Note whether site concentration exceeds minimum RBSL value.*

Constituents of Concern					RBSL Results for Complete/ Potentially Complete Exposure Pathways (■ If Complete)				
				Max Conc.	[ ] GW Ingestion	[ ] Vol. to Amb. Air.	[ ] Vol. to Indoor Air	Minimum RBSL Value	RBSL Exceeded?
Name	Residential	Commercial	On/Off Site	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	[x] If yes
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]

LUST ID#: _____ Facility ID #:3140038

CONCLUSIONS
See Report

PROPOSAL FOR CORRECTIVE ACTION/SITE CLOSURE
See Report


CANAL
LONE
BM 2434
AVENUE
BM 2457
TENTH
MONTANA
Steelman Well
Well
INDIANA
KIMBALL
2428
2420
2450
2571
1/2 Mile
MESSLER LAT
Underkofler's Corner
University of Idaho
Agricultural Experimental Sta
2502
2488
DEER
1/4 Mile
PHYLLIS
2520
BM 2516
Gravel Pit
FLAT
Well
BM 2530
1 Mile
FOREST
Death Corner
VABM
2590
2580
2560
Gravel Pit
Pit
55
15

(1)

State of Idaho
Department of Water Resources

WELL DRILLER'S REPORT

Received 6-76 D 2WR

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

OWNER
Gregory Black
1304 Arena Caldwell

7. WATER LEVEL
Static water level 10 feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow ____
Temperature ____ °F. Quality ____
Artesian closed-in pressure ____ p.s.i.
Controlled by ☐ Valve ☐ Cap ☐ Plug

2. KIND OF WORK
☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)

8. WELL TEST DATA
☐ Pump ☐ Bailer ☒ Other

Discharge G.P.M.	Draw Down	Hours Pumped
100		1hr.

3. PROPOSED USE
☒ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type)
☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
8	0	2	Top soil		X
8	2	20	Sand	X	
6	20	50	gravel	X	
6	50	58	Sand		X
6	58	60	clay	X	
6	60	98	Sand		X
6	98	101	Clay	X	
6	101	105	Sand		

4. METHOD DRILLED
☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION
Diameter of hole 6 inches Total depth 105 feet
Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
6 inches	250 inches	+2 feet	100 feet
____ inches	____ inches	____ feet	____ feet
____ inches	____ inches	____ feet	____ feet
____ inches	____ inches	____ feet	____ feet
____ inches	____ inches	____ feet	____ feet

Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation ____ inches by ____ inches

Number	From	To
____ perforations	____ feet	____ feet
____ perforations	____ feet	____ feet
____ perforations	____ feet	____ feet

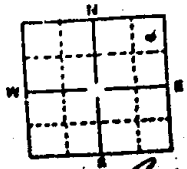
Well screen installed? ☐ Yes ☒ No
Manufacturer's name ____
Type ____ Model No. ____
Diameter ____ Slot size ____ Set from ____ feet to ____ feet
Diameter ____ Slot size ____ Set from ____ feet to ____ feet

Gravel packed? ☐ Yes ☒ No Size of gravel ____
Placed from ____ feet to ____ feet

Surface seal depth 20' Material used in seal ☐ Cement grout ☐ Puddling clay ☒ Well cuttings
Seating procedure used ☒ Slurry pit ☐ Temporary surface casing ☒ Overbore to seal depth

10. Work started 6/3/76 finished 6/8/76

6. LOCATION OF WELL
Sketch map location must agree with written location. (63)



Subdivision Name ____
Lot No. ____ Block No. ____
County Canyon
NE ¼ NE ¼ Sec. 9 T. 3 N/S R. 3 E/W

11. DRILLER'S CERTIFICATION
Firm Name Bill Doty Well Drilling Firm No. 42
Address Route 3 Date 6/22/76
Signed by (Firm Official) Bill Doty
and
(Operator) Bob Doty

USE ADDITIONAL SHEETS IF NECESSARY. FORWARD THE WHITE COPY TO THE DEPARTMENT

USE TYPEWRITER OR BALL POINT PEN

State of Idaho
Department of Reclamation

WELL DRILLER'S REPORT

State law requires that this report be filed with the State Reclamation Engineer within 30 days after completion or abandonment of the well.

1. WELL OWNER

Name DEAN STRANGE
Address CANYON IDAHO
Owner's Permit No.

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test
☐ Municipal ☐ Industrial ☒ Stock

4. METHOD DRILLED

☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 6 inches Total depth 75 feet
Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
.250 inches	6 inches	+1 feet	75 feet
inches	inches	feet	feet
inches	inches	feet	feet
inches	inches	feet	feet
inches	inches	feet	feet

Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation inches by inches

Number	From	To
perforations	feet	feet
perforations	feet	feet
perforations	feet	feet

Well screen installed? ☐ Yes ☒ No
Manufacturer's name
Type Model No.
Diameter Slot size Set from feet to feet
Diameter Slot size Set from feet to feet

Gravel packed? ☐ Yes ☒ No Size of gravel
Placed from feet to feet
Surface seal? ☒ Yes ☐ No To what depth 18 feet
Material used in seal ☐ Cement grout ☒ Puddling clay

6. LOCATION OF WELL

Sketch map location must agree with written location.

N
W E
S

County CANYON
NE¼ NE¼ Sec. 7 T. 3 N R. 3 W

7. WATER LEVEL

Static water level 5 feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow
Temperature ° F. Quality GOOD
Artesian closed-in pressure p.s.i.
Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☐ Pump ☒ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped
12	5	1

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
6	0	6	TOPSOIL		
6	6	31	GRAVEL SAND		
			MIXED		
	31	37	SANDY BROWN CLAY		
	37	75	BROWN CLAY		
	75		WHITE SAND		

10. Work started 7 May 70 Finished 7 May 70

11. DRILLER'S CERTIFICATION

This well was drilled under my supervision and this report is true to the best of my knowledge.

Driller or Firm's Name
Address
Signed By

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE, BLUE AND PINK COPIES TO THE DEPARTMENT

WELL LOG AND REPORT OF THE STATE RECLAMATION ENGINEER OF IDAHO

Permit No. _____ Well No. _____ County Canyon

Owner University of Idaho

Address Moscow Idaho

Driller Ed Radford

Address Caldwell

Well location NE¼ Sec. 2 T. 3 N/S R. 3 E/W

Size of drilled hole 10"

Locate well in section:

NW¼	NE¼
SW¼	SE¼

Total depth of well 230

Give depth to standing water from the ground 110 Water temp. _____ °Fahr.

On "Pumping Test" delivery was 100 g.p.m. or _____ c.f.s. Drawdown was 30 feet.

Size of pump and motor used to make test Cameron 4"

Length of time of test 6 hours 30 minutes

If flowing well, give flow _____ c.f.s. or _____ g.p.m. and of shut off pressure _____

If flowing well, described control works _____ (TYPE AND SIZE OF VALVE, ETC.)

Water will be used for Domestic Weight of casing per lineal foot 150

Thickness of casing _____ Casing material Steel (STEEL, CONCRETE, WOOD, ETC.)

Diameter, length and location of casing 7" O.D. 10' 230' W of E (CASING 12" IN DIAMETER OR LESS, GIVE INSIDE DIAMETER; CASING OVER 12" IN DIAMETER, GIVE OUTSIDE DIAMETER)

CASING RECORD

Diam. Casing	From Feet	To Feet	Length	Remark—weld, grouting, etc.
10"	0	213	213	
6"	0	230	230	

Number and size of perforations 2 1/2" located 216 feet to 226 feet from ground

Date of commencement of well 6/10/61 Date of completion of well 6/30/61

NE 2 3N 3E

Russell

128

WELL LOG

From (Feet)	To (Feet)	Type of Material		
0	16	Topsoil		
16	30	Hardpan & Gravel		
30	39	Coarse Gravel		
39	98	Sand & Fine Gravel (Hardpan)		
98	105	Soft Sandy Hardpan		
105	131	Fine Sandy Gravelly Clay		
131	243	Hard Sandy Clay		
243	288	Hard Clay		
288	350	Hard Sand		

(Attach Extra Sheet If Required and Show Note)

WELL DRILLER'S STATEMENT

This well was drilled under my supervision and this report is true and correct to the best of my knowledge and belief.

Signed [signature]

By _____

Dated [illegible] 1961

License No. [illegible]

(4)

Form 238-7
1/78

USE TYPEWRITER OR BALLPOINT PEN

Plotted

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER
Name Mike Caylor
Address 10th ave & Post Cave Caldwell
Owner's Permit No. ____

2. NATURE OF WORK
☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning) ____

3. PROPOSED USE
☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other ____ (specify type)

4. METHOD DRILLED
☐ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other ____

5. WELL CONSTRUCTION
Casing schedule: ☒ Steel ☐ Concrete ☐ Other ____

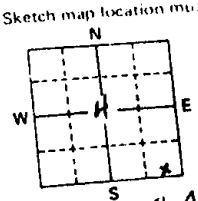
Thickness	Diameter	From	To
.250 inches	6 inches +	1 feet	220 feet
.250 inches	5 inches	215 feet	225 feet
____ inches	____ inches	____ feet	____ feet
____ inches	____ inches	____ feet	____ feet

Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☒ Yes ☐ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation ____ inches by ____ inches

Number	From	To
____ perforations	____ feet	____ feet
____ perforations	____ feet	____ feet
____ perforations	____ feet	____ feet

Well screen installed? ☒ Yes ☐ No
Manufacturer's name Cook - 304 Model No. 304
Type Telescope
Diameter ____ Slot size ____ Set from 225 feet to 230 feet
Diameter ____ Slot size ____ Set from ____ feet to ____ feet
Gravel packed? ☐ Yes ☒ No ☐ Size of gravel ____
Placed from ____ feet to ____ feet
Surface seal depth 20 Material used in seal: ☐ Cement grout ☐ Well cuttings ☒ Puddling clay
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent
☐ Cemented between strata
Describe access port Sanitary SEAL

6. LOCATION OF WELL
Sketch map location must agree with written location.



Subdivision Name ____
Lot No. ____ Block No. ____
County CANYON
SE ¼ SE ¼ Sec. 4 T. 3 N. R. 3 W.

7. WATER LEVEL
Static water level 45 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow ____
Artesian closed in pressure ____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature ____ °F. Quality Good

8. WELL TEST DATA
☐ Pump ☒ Bailer ☐ Air ☐ Other ____

Discharge G.P.M.	Pumping Level	Hours Pumped
25	80	2

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
	0	1	Top Soil		✓
	1	4	Brown Sandy dirt		✓
	4	7	Hard PAN		✓
	7	12	Brown SAND		✓
	12	18	Clay - Brown		✓
	18	23	" "		✓
	23	40	gravel & Sand		✓
	40	50	" "		✓
	50	70	Yellow Sand, Clay		✓
	70	90	Brown Sand		✓
	90	100	Yellow Sand		✓
	100	120	Brown Sand		✓
	120	125	Brown Clay		✓
	125	135	Yellow Sand		✓
	135	185	Layer Sand Clay		✓
	185	190	" " "		✓
	190	200	Brown Clay		✓
	200	220	Yellow Sand		✓
	220	223	Brown Sand		✓
	223	235	Clay		✓
			White Sand		✓

RECEIVED
APR 20 1989
Department of Water Resources

10. Work started 4-6-89 finished 4-10-89

11. DRILLERS CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Firm Name SCOTT DRILLING Firm No. 327
Address CALDWELL, ID (208) 459-[illegible] Date 4-12-89
Signed by (Firm Official) Jane Glenn
and
(Operator) Jane Glenn

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

(5)

Form 238-7
1/78

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR BALLPOINT PEN

WELL DRILLER'S REPORT

Plotted

gjb.

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name Jon Ball

Address Rt.8 Bx.469 Caldwell, ID. 83605

Owner's Permit No.

2. NATURE OF WORK

[X] New well [ ] Deepened [ ] Replacement
[ ] Abandoned (describe method of abandoning)

3. PROPOSED USE

[X] Domestic [ ] Irrigation [ ] Test [ ] Municipal
[ ] Industrial [ ] Stock [ ] Waste Disposal or Injection (specify type)
[ ] Other

4. METHOD DRILLED

[X] Rotary [X] Air [ ] Hydraulic [ ] Reverse rotary
[ ] Cable [ ] Dug [ ] Other

5. WELL CONSTRUCTION

Casing schedule: [X] Steel [ ] Concrete [ ] Other

Thickness	Diameter	From	To
.250 inches	6 inches	2 feet	118'9" feet
inches	inches	feet	feet
inches	inches	feet	feet
inches	inches	feet	feet

Was casing drive shoe used? [X] Yes [ ] No
Was a packer or seal used? [ ] Yes [X] No
Perforated? [ ] Yes [X] No
How perforated? [ ] Factory [ ] Knife [ ] Torch
Size of perforation inches by inches

Number	From	To
perforations	feet	feet
perforations	feet	feet
perforations	feet	feet

Well screen installed? [ ] Yes [X] No
Manufacturer's name Model No.
Type
Diameter Slot size Set from feet to feet
Diameter Slot size Set from feet to feet
Gravel packed? [ ] Yes [X] No Size of gravel
Placed from feet to feet
Surface seal depth 20 Material used in seal [ ] Cement grout [ ] Well cuttings
[X] Puddling clay
Seeding procedure used [ ] Slurry pit [ ] Temp. surface casing [X] Overflow to seal depth
Method of joining casing [ ] Threaded [X] Welded [ ] Solvent Weld
[ ] Cemented between strata
Did any drillers log accompany this report?

7. WATER LEVEL

Static water level 60 feet below land surface.
Flowing? [ ] Yes [X] No G.P.M. flow
Artesian closed-in pressure p.s.i.
Controlled by: [ ] Valve [ ] Cap [ ] Plug
Temperature °F. Quality

8. WELL TEST DATA

[ ] Pump [ ] Bailer [X] Air [ ] Other

Discharge G.P.M.	Pumping Level	Hours Pumped
30		2

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
8	0	1	top soil		X
8	1	20	sand and gravel		X
6	20	30	sand and gravel	X	
6	30	95	sand and clay layers		X
6	95	108	clay	X	
6	108	117	sand (12 gr.)		X
6	117	130	clay	X	
6	130		sand		

RECEIVED
APR 26 1982
Department of Water Resources
Western Regional Office

10. Work started 3-17-82 finished 3-18-82

11. DRILLERS CERTIFICATION

I certify that all minimum well construction standards were complied with at the time the rig was removed.

BILL DOTY WELL DRILLING License No. 42
RT.7 BX.311 CALDWELL Date 4-5-82
(Driller or Firm Official) Bill Doty
and
(Operator) Bill Doty

CAUTION:

USE ADDITIONAL SHEETS IF NECESSARY. FORWARD THE WHITE COPY TO THE DEPARTMENT

(6) Plotted

WELL LOG AND REPORT OF THE STATE RECLAMATION ENGINEER OF IDAHO

Permit No. _____ Well No. _____ County Canyon

Owner Schuyler Enochs

Address Box 209 Caldwell

Driller William L. Doty

Address Rt. 5 Nampa

Well location SW ¼ SW ¼ Sec. 3, T. 3 N/S R. 3 E/W

Size of drilled hole 6"

Total depth of well 63

Locate well in section

NW¼	NE¼
SW¼	SE¼

3

Give depth to standing water from the ground 11 Water temp. _____ °Fahr.

On "Pumping Test" delivery was 20 g.p.m. or _____ c.f.s. Drawdown was 17 feet.

Size of pump and motor used to make test 2½" cylinder pump

Length of time of test 2 hours 2 minutes.

If flowing well, give flow _____ c.f.s. or _____ g.p.m. and of shut off pressure _____

If flowing well, described control works _____ (TYPE AND SIZE OF VALVE, ETC.)

Water will be used for Vet. Clinic Weight of casing per lineal foot 20#

Thickness of casing ¼ Casing material Steel (STEEL, CONCRETE, WOOD, ETC.)

Diameter, length and location of casing 6" - 61 ft. 1-6" above to 59-6

(CASING 12" IN DIAMETER OR LESS, GIVE INSIDE DIAMETER; CASING OVER 12" IN DIAMETER, GIVE OUTSIDE DIAMETER)

CASING RECORD

Diam. Casing	From Feet	To Feet	Length	Remarks—seals, grouting, etc.
6"	+1-6"	59½"	61"	

Number and size of perforations None located _____ feet to _____ feet from ground

Date of commencement of well 3-30-63 Date of completion of well 4-3-63

SWSW S.3 3N 3W

Wells.

63

WELL LOG

From Feet	To Feet	Type of Material	Water-Bearing Formations Ans. Yes or No	Quality Potable Ans. Yes or No
0	6	Top Soil & Hard pan	no	no
6	27	Sand & Gravel	yes	no
27	55	Sand	yes	no
55	63	clay	no	no
63	+	Sand	yes	no
		If more space is required use Sheet No. 2		

WELL DRILLER'S STATEMENT

This well was drilled under my supervision and the above information is true and correct to the best of my knowledge and belief.

Signed Jesse J. Doty

By William E Doty 159

License No. 46

Dated June 26, 1963

WELL LOG

From Feet	To Feet	Type of Material	Water-bearing Formation Ans Yes or No	Cased Ans Yes or No
0	6	Top soil & Hard pan	No	
6	30	Sand & Gravel	Yes	
30	51	Sandy clay	No	
51	61	Gravel	Yes	Yes
61	81	Sandy clay	No	
81	85	Sand & fine gravel	Yes	
85	90	Clay	No	

If more space is required use Sheet No. 2

WELL DRILLER'S STATEMENT

This well was drilled under my supervision and the above information is complete, true and correct to the best of my knowledge and belief.

Signed Cecil G. Doty

By William L Doty 159

Dated Aug 20, 1952

License No. 40

Well Driller's Helper

DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

JAN 18 1989

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

Department of Water Resources

1 WELL OWNER

Name: John Truby
Address: 448 Tr 8 Caldwell
Owner's Well No. 165 84 2-066

2 NATURE OF WORK

New well ☐ Deepening ☐ Replacement
Abandoned (describe abandonment procedure such as material and depths of plug, etc. in lithologic log)

3 PROPOSED USE

Domestic ☐ Irrigation ☐ Municipal
Industrial ☐ Stock ☐ Test Well ☐ Other
Other ☐

4 METHOD DRILLED

Rotary ☐ Air ☐ Hydraulic ☐ Reverse Rotary
Cable ☐ Auger ☐ Other

5 WELL CONSTRUCTION

Casing Schedule: Steel ☐ Concrete ☐ Other
Diameter 6 from 0 to 120
Diameter from to
Diameter from to
Diameter from to
Perforated? Yes ☐ No ☐
Type of perforator used
Size of perforations in by in
perforations from to
perforations from to
perforations from to
Screens: Yes ☐ No ☐
Manufacturer's Name
Type Model No.
Diameter Slot size from to
Diameter Slot size from to
Gravel packed: Yes ☐ No ☐ Size of gravel
Gravel placed from to
Surface seal: Yes ☐ No ☐ To what depth? 20 Material used in seal
Did any strata contain unusable water? Yes ☐ No ☐
Type of water? Depth of strata
Method of sealing strata off
Was well grouted? Yes ☐ No ☐
Describe how well was grouted, including amount and type of material used

6 WATER LEVEL

Static water level 33 ft. above (+) or below (-) land surface measured on (mo/day/yr)
Flowing: Yes ☐ No ☐ G.P.M.
Artesian water controlled by (Cap, valve, etc.)
Was a pump test made? Yes ☐ No ☐ If yes, by whom? For how many hours?
(Describe test on reverse side or attach hydrograph if more space is needed)

7 WELL TEST DATA

Test conducted by: Pump ☒ Bailer ☐ Air ☐ Other ☐

Discharge G.P.M.	Pumping Level	Hours Pumped
30	85	1

8 LITHOLOGIC LOG

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
	0	1	Top Soil		
	1	2	Hard pan		
	2	12	Sand		
	12	20	Brown clay		
	20	40	Sandy clay		
	40	50	Sand		
	50	70	Brown Sandy clay		
	70	85	Sandy clay		
	85	90	Brown clay		
	90	115	Sandy Yellow Sand		
	115	117	Sandy clay		
	117	120	Brown clay		
	120	133	Sand		

Work started 5-26-88 Completed 5-27-88

9 LOCATION OF WELL

Township Range Section Tract Name Subdivision Name
Lot No. Block No.
County CANYON
SW SW 3 3 N. or S. E. or W.

10 DRILLER'S CERTIFICATION

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. All Idaho well construction standards were complied with at the time this rig was removed.

Name of Driller: SCOTT DRILLING CO.
Firm Name: 3212 LAKE AVE. Firm No. 327
Address: CALDWELL, ID. 83605 Phone: (208) 459-6666 Date: 6-1-88
Signed by (Firm Official): James A. Scott
Or Operator: J. Scott

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE COPY TO THE DEPARTMENT

RECEIVED
NOV 29 1988
Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

RECEIVED
NOV 18 1988
Department of Water Resources

USE TYPEWRITER OR BALL POINT PEN

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER
Name: GARY ESKEW
Address: 6315 South 10th Ave
CALDWELL
Owner's Permit No. 63-8-W-152
63-10678

2. NATURE OF WORK
☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE
☐ Domestic ☒ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other (specify type)

4. METHOD DRILLED
☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other

5. WELL CONSTRUCTION
Casing schedule: ☒ Steel ☐ Concrete ☐ Other
Thickness 250 Diameter 8 inches from 1 ft. to 140 feet
inches from feet to feet
inches from feet to feet
inches from feet to feet
Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Other
Size of perforations inches by inches
from ft. to
perforations from feet to feet
perforations from feet to feet
perforations from feet to feet
Well screen installed? ☐ Yes ☒ No
Manufacturer's name: Model No.
Type: Diameter Slot size Set from feet to feet
Diameter Slot size Set from feet to feet
Gravel packed? ☐ Yes ☒ No ☐ Size of gravel
Placed from feet to feet
Surface seal depth 20 Material used in seal ☐ Cement grout
☒ Bentonite ☒ Puddling clay ☐
Sealing procedure used ☐ Slurry pit ☐ Temporary surface casing
☒ Overbore to seal depth
Method of joining casing ☐ Threaded ☒ Welded ☐ Solvent Weld
☐ Cemented between strata
Describe access port: Sand Gravel Top

6. LOCATION OF WELL
Sketch map location must agree with written location.
N
W 3 E
S
Subdivision Name
Lot No. Block No.
County CANYON
SW ¼ SW ¼ Sec. 3 Twp. 3 N. R. 3 W.

7. WATER LEVEL
Static water level 60 feet below land surface
Flowing? ☐ Yes ☐ No G.P.M. flow
Artesian closed-in pressure p.s.i.
Controlled by ☐ Valve ☐ Cap ☐ Other
Temperature of Quality
Describe artesian or temperature zones below:

8. WELL TEST DATA
☐ Pump ☐ Bailer ☒ Air ☐ Other

Discharge G.P.M.	Pumping Level	Hours Pumped
300	120	2

9. LITHOLOGIC LOG

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
8	0	1	Top Soil		✓
	1	15	Brown Clay		✓
	15	21	Brown Sandy Clay		✓
	21	45	Sand & gravel		✓
	45	60	Sandy Brown Clay		✓
	60	67	Brown Sand & Clay		✓
	67	80	Brown Clay		✓
	80	100	Yellow Sandy Clay		✓
	100	120	Fine Brown Sand		✓
	120	135	Sandy Clay		✓
	135	140	Brown Clay		✓
	140	155	White Sand		✓

10. Work started 10-26-88 finished 10-27-88

11. DRILLERS CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
SCOTT DRILLING Firm No. 327
Firm Name 5412 LAKE AVE
CALDWELL ID 83605
Address (208) 459-5666 Date
Signed by: Firm Official
and
(Operator)

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

STATE OF IDAHO
Department of Water Resources

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. OWNER:

2. LOCATION OF WELL:

3. TYPE OF WORK:

4. PROPOSED USE:

5. METHOD DRILLED:

6. CASING CONSTRUCTION:

7. WATER LEVEL:

8. WELL TEST DATA:

Discharge G.P.M.	Drew Down	Hours Pumped
75		1

9. LITHOLOGIC LOG:

Hole Diam.	Depth of Strata From	Depth of Strata To	Material	Water Yes	Water No
8	0	18	top soil		X
8	18	20	sand + clay		X
6	20	55	silt + clay		X
6	55	58	sand + gravel	X	
6	58	66	gravel	X	
6	66	71	gravel	X	
6	70	82	gravel + sand	X	

10. LOCATION OF WELL:

11. CERTIFICATION:

ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

USE TYPEWRITER OR BALL POINT PEN

State of Idaho
Department of Water Administration

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Administration within 30 days after the completion or abandonment of the well.

1. WELL OWNER
Name: Robert Tracy
Address: Caldwell

2. NATURE OF WORK
[X] New well [ ] Deepened [ ] Replacement
[ ] Abandoned (describe method of abandoning)

3. PROPOSED USE
[X] Domestic [ ] Irrigation [ ] Test [ ] Other (specify)
[ ] Municipal [ ] Industrial [ ] Stock [ ] Waste Disposal (Injection) (specify)

4. METHOD DRILLED
[X] Cable [ ] Rotary [ ] Dug [ ] Other

5. WELL CONSTRUCTION
Diameter of hole 6" inches. Total depth 138' feet.
Casing schedule: [ ] Steel [ ] Concrete
160 inches, [ ] Threaded [ ] Welded, from 1' feet to 138' feet
inches, [ ] Threaded [ ] Welded, from feet to feet
inches, [ ] Threaded [ ] Welded, from feet to feet
inches, [ ] Threaded [ ] Welded, from feet to feet
Was a packer or seal used? [ ] Yes [X] No
Perforated? [ ] Yes [X] No
How perforated? [ ] Factory [ ] Knife [ ] Torch
Size of perforations inches by inches
No. of perforations
perforations from feet to feet
perforations from feet to feet
perforations from feet to feet
Well screen installed? [ ] Yes [X] No
Manufacturer's name:
Type: Model No.:
Diameter Slot size Set from feet to feet
Diameter Slot size Set from feet to feet
Gravel packed? [ ] Yes [X] No Size of gravel:
Placed from feet to feet
Surface seal depth: 90' Material used in seal: [ ] Cement grout [ ] Puddling clay [X] Well cuttings
Did any strata contain unusable water? [X] No [ ] Yes [ ] Type of water? [ ] Depth of strata
[ ] Temporary surface casing [ ] Overburden [ ] Bedrock depth

6. LOCATION OF WELL
Sketch map location must agree with written location.
N
W E
S
Subdivision Name: NONE
Lot No. Block No.
County: CANYON
SW¼ SW¼ Sec. 3 T. 3N N.S., 2W E.W.

7. WATER LEVEL
Static water level 50' feet below land surface
Flowing? [ ] Yes [ ] No Rate: GPM
Temperature: Quality:
Artesian pressure: lbs.
Controlled by: [ ] Valve [ ] Cap [ ] Other

8. WELL TEST DATA
[ ] Pump [ ] Bailer [X] Other

Discharge G.P.M.	Draw Down	Hours Pumped
40	90'	10

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
8"	1	10	Top Soil, Light Clay		X
8"	10	20	Clay, Yellow Gravel		X
8"	20	30	Gravel		X
6"	30	40	Clay		X
6"	40	50	Gravel, Sandy Clay		X
6"	50	60			X
6"	60	70	Sand	X	
6"	70	80	Clay		X
6"	80	90	Clay		X
6"	90	100	Sand, Gravel, Top Clay		X
6"	100	110	Sand, Gravel, Coarse	X	
6"	110	120	Sandy Clay		X
6"	120	130	Gravel, Sand, Sandy Clay	X	
6"	130	140	Sandy Clay		X
6"	140	150	Clay		X
6"	150	158	Soft Sand, Fine Gravel	X	

Work started 10-26 Finished 11-20-73

IL DRILLER'S CERTIFICATION
Firm Name: DEP Drilling Inc. 562
Address: 309 Madison Date 10-31-73
Signed: [Authorized Representative]
Date: 10-31-73

USE ADDITIONAL SHEETS IF NECESSARY. FORWARD THE WHITE COPY TO THE DEPARTMENT.

USE ADDITIONAL SHEETS IF NECESSARY. FORWARD THE WHITE, BLUE AND PINK COPIES TO THE DEPARTMENT.

Form 238-7
9/82

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

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Department of Water Resources

TYPEWRITER OR BALLPOINT PEN

Plotted (11)

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name VALLIVIEW SCHOOL

Address CALDWELL IDAHO

Owner's Permit No. 63-87-Z-058/ 63-10182

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☒ Other PUBLIC SCHOOL (specify type)

4. METHOD DRILLED

☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other

Thickness		Diameter		From		To	
.250	inches	12	inches +	4	feet	240	feet
.250	inches	8	inches t	3	feet	280	feet
	inches		inches		feet		feet
	inches		inches		feet		feet

Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☒ Yes ☐ No
How perforated? XXX Factory ☐ Knife ☐ Torch
Size of perforation .250 inches by 3 inches

Number		From		To	
32000	perforations	220	feet	280	feet
	perforations		feet		feet
	perforations		feet		feet

Well screen installed? ☐ Yes ☒ No
Manufacturer's name
Type Model No.
Diameter Slot size Set from feet to feet
Diameter Slot size Set from feet to feet
Gravel packed? XXX Yes ☐ No ☐ Size of gravel 3/8
Placed from 0 feet to 280 feet
Surface seal depth 20 Material used in seal: ☐ Cement grout
XX Bentonite XX Puddling clay ☐
Sealing procedure used: ☒ Slurry pit ☐ Temp. surface casing
☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld
☐ Cemented between strata
Describe access port

6. LOCATION OF WELL

Sketch map location must agree with written location.

N / W / E / S

Subdivision Name
Lot No. Block No.
County CANYON
SW ¼ NW ¼ Sec. 10, T. 3 (N) S, R. 3 E (W)

7. WATER LEVEL

Static water level 90 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow
Artesian closed-in pressure p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature °F. Quality
Describe artesian or temperature zones below.

8. WELL TEST DATA

☐ Pump ☐ Bailer ☒ Air ☐ Other

Discharge G.P.M.	Pumping Level	Hours Pumped
300	220	2½

9. LITHOLOGIC LOG

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
17½	0	20	SAND & CLAY LAYERS		X
12	20	35	SAND & GRAVEL		X
12	35	60	SAND & GRAVEL		X
12	60	80	CLAY WITH SOME GRAVEL & SAND LAYERS	X	
12	80	236	CLAY WITH SAND LAYERS	X	
"	236	240	CLAY		X
"	240	260	SAND	X	

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Department of Water Resources

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NOV 24 1987
Department of Water Resources
Western Regional Office

10.

Work started 8/6/87 finished 8/20/87

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name BILL DOTY DRILLING COMPANY, INC. Firm No. 42

Address ROUTE 7 BOX 311 CALDWELL, ID. 83605 Date 11/16/87

Signed by (Firm Official) Bill Doty

and

(Operator) Bob Doty

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

Form 238-7
1/78

#10490

USE TYPEWRITER OR BALLPOINT PEN

(12)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER
Name Hollingsworth
Address Caldwell
Owner's Permit No.

2. NATURE OF WORK
☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)

3. PROPOSED USE
☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection (specify type)
☐ Other

4. METHOD DRILLED
☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary
☒ Cable ☐ Dug ☐ Other

5. WELL CONSTRUCTION
Casing schedule: ☒ Steel ☐ Concrete ☐ Other

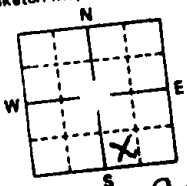
Thickness	Diameter	From	To
.250 inches	6 inches +	1 feet	112 feet
inches	inches	feet	feet
inches	inches	feet	feet
inches	inches	feet	feet

Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation inches by inches

Number	From	To
perforations	feet	feet
perforations	feet	feet
perforations	feet	feet

Well screen installed? ☐ Yes ☒ No
Manufacturer's name Model No.
Type
Diameter Slot size Set from feet to feet
Diameter Slot size Set from feet to feet
Gravel packed? ☐ Yes ☒ No ☐ Size of gravel
Placed from feet to feet
Surface seal depth 20 Material used in seal: ☐ Cement grout ☒ Well cuttings ☐ Puddling clay
Sealing procedure used: ☒ Slurry pit ☐ Temp. surface casing ☐ Overbore to seal depth
Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata
Describe access port

6. LOCATION OF WELL 63
Sketch map location must agree with written location.



Subdivision Name
Lot No Block No.
County Canyon
SW ¼ SE ¼ Sec. 9, T. 3 ☐N ☒S, R. 3 ☐E ☒W

7. WATER LEVEL
Static water level 60 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow
Artesian closed-in pressure p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature °F. Quality

8. WELL TEST DATA
☐ Pump ☐ Bailer ☒ Air ☐ Other

Discharge G.P.M.	Pumping Level	Hours Pumped
60	60	2

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
6	0	20	Top Soil		X
	20	91	Gravel	X	
	91	102	Sand & Clay Stripes		X
	102	112	Clay		X
	112	119	Clay Shale	X	

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Department of Water Resources

10. Work started 1-17-78 finished 1-29-78

11. DRILLERS CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Firm Name D & D Firm No. 209
Address 509 Madison Date 6-20-78
Signed by (Firm Official) and (Operator) David Lee

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

(13)

Plotted

Well Log Form 1
WRI-3/63

WELL LOG AND REPORT TO THE STATE RECLAMATION ENGINEER OF IDAHO

SUBMIT WITHIN 30 DAYS AFTER COMPLETION OF WELL: SEE IDAHO STATUTES 42-238

Permit No. Well No. 149 County Canyon

Owner JOHN K. MOYES

Address Rt. 4, Caldwell, Idaho

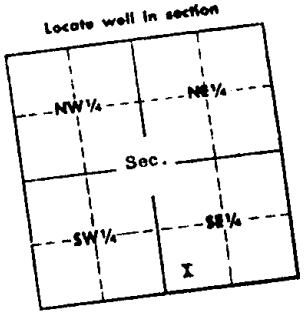
Driller B. & M. EQUIPMENT CO., INC.

Address P.O. Box 973, Caldwell, Idaho

Well location SW ¼ SE ¼ Sec. 4, T. 3 N/S R. 3 E/W

Size of drilled hole 12-1/4"

Locate well in section



Total depth of well 173'

Give depth to standing water from the ground 60' Water temp. °Fahr.

Test delivery was g.p.m. or c.f.s. Drawdown was feet. Pump? Bail?

Size of pump and motor used to make test

Length of time of test hours minutes.

If flowing well, give flow c.f.s. or g.p.m. and of shut off pressure

If flowing well, described control works (TYPE AND SIZE OF VALVE, ETC.)

Water will be used for Domestic Weight of casing per lineal foot 7.3

Thickness of casing 10ga Casing material Steel (STEEL, CONCRETE, WOOD, ETC.)

Diameter, length and location of casing 5" x 160' from ground level (CASING 12" IN DIAMETER OR LESS, GIVE INSIDE DIAMETER; CASING OVER 12" IN DIAMETER, GIVE OUTSIDE DIAMETER)

CASING RECORD

Diam. Casing	From Feet	To Feet	Length	Remarks—seals, grouting, etc.
				Gravel packed from bottom to 60' from ground level seal
5"	0	160	160	4' cement installed on gravel at 60' from ground
				Gravel from seal to ground level

Number and size of perforations 1/8" x 6" located 160 feet to 140 feet from ground

Date of commencement of well Dec. 6, 1964 Date of completion of well Dec. 12, 1964

W.L.L.

WELL LOG

From Feet	To Feet	Type of Material	Water-bearing Formation Ans. Yes or No	Casing Perforated Ans. Yes or No
0	14	Top soil, caliche rock	no	no
14	24	Caliche rock and sand	no	no
24	34	" " " "	no	no
34	42	" " " "	no	no
42	66	Sand and clay streaks	yes	no
66	93	Sand and clay	yes	no
93	103	Sand	yes	no
103	113	Clay and sand	yes	no
113	123	" " "	yes	no
123	133	" " "	yes	3 ft. yes
133	143	" " "	yes	yes
143	153	Sand	yes	yes
153	160	"	yes	no
160	163	"	yes	no
163	173	Sand and clay		
		If more space is required use Sheet No. 2		

WELL DRILLER'S STATEMENT

This well was drilled under my supervision and the above information is complete, true and correct to the best of my knowledge and belief.

Signed B. & M. EQUIPMENT CO., INC.

By Russell Harriston

License No. 221

Dated Dec. 14, 1964

Well Driller's Helper Ray Harriston

Form 238-2/92

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR BALLPOINT PEN

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

Mailed (14)

1. WELL OWNER
Name Troy Sullivan
Address 620 Kootenai Caldwell, Id. 83605
Drilling Permit No. 63-92-W-534
Water Right Permit No.

7. WATER LEVEL
Static water level 51 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow
Artesian closed-in pressure p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature °F. Quality
Describe artesian or temperature zones below.

2. NATURE OF WORK
☒ New Well ☐ Deepened ☐ Replacement
☐ Well diameter increase ☐ Modification
☐ Abandoned (describe abandonment or modification procedures such as liners, screen materials, plug depths, etc. in lithologic log, section 9.)

8. WELL TEST DATA
☐ Pump ☐ Bailer ☒ Air ☐ Other

Discharge G.P.M.	Pumping Level	Hours Pumped
70	90'	5

3. PROPOSED USE
☒ Domestic ☐ Irrigation ☐ Monitor
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other (specify type)

4. METHOD DRILLED
☐ Rotary ☐ Air ☐ Auger ☐ Reverse rotary
☒ Cable ☐ Mud ☐ Other (backhoe, hydraulic, etc.)

9. LITHOLOGIC LOG

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
8	0	4	Top Soil		✓
8	4	15	Brn. Sand	✓	
8	15	28	Gravel	✓	
8	28	31	Brn. Clay		✓
6	31	50	Sand	✓	
6	50	80	Sandy Clay		✓
6	80	90	Sand	✓	
6	90	140	Sandy Clay		✓
6	140	145	Blk. Sand	✓	
6	145	160	Sandy Clay		✓
6	160	168	Sand	✓	

5. WELL CONSTRUCTION
Casing schedule: ☐ Steel ☐ Concrete ☐ Other
Thickness .0250 inches, Diameter 6" inches, From +-7 feet, To +163 feet
inches, inches, feet, feet
inches, inches, feet, feet
Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☒ Yes ☐ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Knife ☐ Torch ☐ Gun
Size of perforations inches by inches
perforations feet to feet
perforations feet to feet
perforations feet to feet
Well screen installed? ☒ Yes ☐ No
Manufacturer HUSTON Type SS
Top Packer or Headpipe 177
Bottom of Tailpipe
Diameter 5" Slot size 16 Set from 163 feet to 168 feet
Diameter Slot size Set from feet to feet
Gravel packed? ☐ Yes ☒ No ☐ Size of gravel
Placed from feet to feet
Surface seal depth ☒ Material used in seal ☐ Cement grout
☒ Bentonite ☒ Puddling clay ☐ Slurry pit
Sealing procedure used: ☐ Overbore to seal depth
☐ Temp. surface casing
Method of joining casing: ☐ Threaded ☒ Welded
☐ Solvent Weld ☐ Cemented between strata
Describe access port

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RECEIVED AUG 10 1992 Department of Water Resources Western Region

10.
Work started 7-10-92 finished 7-17-92

6. LOCATION OF WELL
Sketch map location must agree with written location.
Subdivision Name
Lot No. Block No.
County Canyon
Address of Well Site 620 Kootenai Caldwell, Id.
(give at least name of road)
SE ¼ SW ¼ Sec. 4 T. 3 N ☒ or S ☐ R. 3 E ☐ or W ☐

11. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Firm Name Kris Drilling Firm No. 417
Address 815 W. Plymouth Date 8-7-92
Signed by Drilling Supervisor Mike Kris
and
(Operator) (if different than the Drilling Supervisor)

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

(15)

RECEIVED
JUL 30 1993
Department of Water Resources

Plotted

Form 238-1
4/92

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR BALLPOINT PEN

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER
Name DONALD E. WALKER
Address 12295 WALKER LAKE RD.
Drilling Permit No. 63-93-W-709
Water Right Permit No.

2. NATURE OF WORK
☒ New well ☐ Deepened ☐ Replacement
☐ Well diameter increase ☐ Modification
☐ Abandoned (describe abandonment or modification procedures such as liners, screen, materials, plug depths, etc. in lithologic log, section 9.)

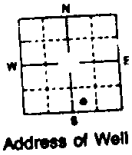
3. PROPOSED USE OF WELL
☒ Domestic ☐ Irrigation ☐ Monitor
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED
☐ Rotary ☐ Air ☐ Auger ☐ Reverse rotary
☒ Cable ☐ Mud ☐ Other _____ (backhoe, hydraulic, etc.)

5. WELL CONSTRUCTION
Casing schedule: ☐ Steel ☐ Concrete ☐ Other
Diameter | Thickness | From | To
6" | SCH 40 | 0 | 110 feet
_____ inches _____ inches _____ feet _____ feet
_____ inches _____ inches _____ feet _____ feet
_____ inches _____ inches _____ feet _____ feet
Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch ☐ Gun
Size of perforation? _____ inches by _____ inches
Number | From | To
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
Well screen installed? ☐ Yes ☒ No
Manufacturer's name _____ Type _____
Top packer set at _____ feet
Bottom packer set at _____ feet
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____
Placed from _____ feet to _____ feet

Surface seal depth 18 Material used in seal: ☐ Cement grout
☒ Bentonite ☐ Puddling clay ☐ _____
Sealing procedure used: ☐ Slurry pit
☐ Tremie, surface casing ☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☒ Welded
☒ Solvent Weld ☐ Cemented between strata
Describe access port _____

6. LOCATION OF WELL
Sketch map location must agree with written location.



Subdivision Name ORCHARD Heights
Lot No. 24 Block No. _____
County CANYON
Address of Well Site 5023 BEAR LANE (give at least name of road)
T. 3N N ☒ or S ☐
SW ¼ SE ¼ Sec. 4, R. 3W E ☐ or W ☒

7. WATER LEVEL
Static water level 50 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature _____ °F. Quality _____
Describe artesian or temperature zones below

8. WELL TEST DATA
☐ Pump ☐ Bailer ☒ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
50	105 FT.	2 HRS.
30	82 FT.	3½ HRS.

9. LITHOLOGIC LOG

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
8	0	4	TOP SOIL SOME GRAVEL		X
8	4	18	BIG GRAVEL & SAND	X	
6	18	38	BIG GRAVEL W/ SAND		X
6	38	64	LIGHT BROWN CLAY	X	
6	64	67	FINE BROWN SAND		X
6	67	76	LIGHT BROWN CLAY	X	
6	76	79	FINE BROWN SAND		X
6	79	93	LIGHT BROWN CLAY		
6	93	97	FINE BROWN SAND		X
6	97	114	LIGHT BROWN CLAY	X	
6	114	120	FINE BROWN SAND		

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AUG 10 1993
Department of Water Resources

RECEIVED
AUG 09 1993
Department of Water Resources
Western Regional Office

10.
Work started 7-16-93 finished 7-23-93

11. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Firm Name BILL DOTY DRILLING CO., INC. Firm No. 42
Address 106 CALLOWAY CALDWELL, ID 83605 Date 7-23-93
Signed by Drilling Supervisor _____
and
(Operator) VR Dayton
(If different than the Drilling Supervisor)

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

RECEIVED

JUL 2 1993

DEPARTMENT OF WATER RESOURCES

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER
Name [illegible]
Address [illegible]
Driller's Permit No. [illegible]
Water Right Permit No.

2. NATURE OF WORK
☒ New well ☐ Deepening ☐ Replacement
☐ Well diameter increase ☐ Modification
☐ Abandoned (describe abandonment or modification procedures, such as liners, screen materials, plug depths, etc. in lithologic log section 9.)

3. PROPOSED USE
☒ Domestic ☐ Irrigation ☐ Monitor
☐ Industrial ☐ Stock ☐ Test Well ☐ Dispose or Injection
☐ Other (Specify type)

4. METHOD DRILLED
☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse Rotary
☒ Cable ☐ Mud ☐ Other (Dedicated hydraulic unit)

5. WELL CONSTRUCTION
Casing Schedule: ☒ Steel ☐ Concrete ☐ Other
Casing: 8 in. dia. from 0 to 188 feet
Liner: [illegible] dia. from [illegible] to [illegible] feet
Was casing driven? ☐ Yes ☒ No
Was drive shoe used? ☐ Yes ☒ No
Was a packer used? ☐ Yes ☒ No
Perforations: [illegible] feet to [illegible] feet
Perforations: [illegible] feet to [illegible] feet
Well screen installed? ☐ Yes ☒ No
Screen: [illegible] dia. from [illegible] to [illegible] feet
Slot size [illegible]
Gravel/Filter Packed: ☐ Yes ☒ No
Size of gravel/sand [illegible]
Gravel placed from [illegible] feet to [illegible] feet
Surface seal: ☐ Neat cement ☐ Puddling clay ☐ Bentonite ☐ Other
Sealing procedure: ☐ Pumped ☐ Slurry ☐ Overbore to seal depth
Method of joining casing: ☐ Welded ☐ Threaded ☐ Cemented ☐ Solvent Weld
Describe access port: Well Cap

6. LOCATION OF WELL
Sketch map location must agree with written location
Subdivision Name
Lot No. Block No.
County Canyon
Address of Well Site 15702 Homedale Rd. (give at least name of road)
SW ¼ SE ¼ Sec. 4 T. 3 N ☒ or S ☐ R. 3 E ☐ or W ☒

7. WATER LEVEL
Static water level 68 feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow
Artesian closed-in pressure p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature °F. Quality
(Describe artesian or temperature zones below)

8. WELL TEST DATA
☒ Pump ☐ Bailer ☐ Air ☐ Other

Discharge G.P.M.	Pumping Level ft.	Hours Pumped
120	195	4

9. LITHOLOGIC LOG

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
8	0	3	Top Soil		X
	3	46	Hard pack gravel/boulders		X
	46	70	Sand/Clay		X
	70	76	Fine Sand		X
	76	87	Sand/Clay		X
	87	98	Fine Sand		X
	98	102	Hard Rock/Clay		X
	102	130	Fine Sand/Clay		X
	130	135	Fine Sand/Clay		X
	135	175	Fine Sand/Clay		X
	175	200	Broken Rock Sand		X
			Finished Drill at 200'		

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JUL 20 1993
Water Resources
Regional Office

10. Work started 6-04-93 finished 6-15-93

11. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed from the well.
Firm Name Pucksta[illegible] Firm No. [illegible]
Address 22[illegible] R. 001 Sta. A Date 7-14-93
Signed by Drilling Supervisor [illegible]
and
(Operator) (Same) (If different than the Drilling Supervisor)

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

USE TYPEWRITER OR BALL POINT PEN

State of Idaho
Department of Water Resources

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

Received 10-17-77

17

1. WELL OWNER
Name Calvin Pease
Address Caldwell
Owner's Permit No.

2. NATURE OF WORK
☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)

3. PROPOSED USE
☒ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type)
☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

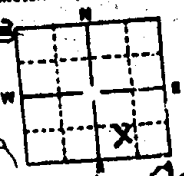
4. METHOD DRILLED
☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION
Diameter of hole 6 3/4 inches Total depth 94 feet
Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
.250 inches	6 inches	+ 1 feet	80 feet
inches	inches	feet	feet
inches	inches	feet	feet
inches	inches	feet	feet
inches	inches	feet	feet

Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation inches by inches
Number perforations From feet To feet
perforations feet feet
perforations feet feet
Well screen installed? ☐ Yes ☒ No
Manufacturer's name Model No.
Type Set from feet to feet
Diameter Slot size Set from feet to feet
Gravel packed? ☐ Yes ☒ No Size of gravel
Placed from feet to feet
Surface seal depth 30 Material used in seal ☐ Cement Grout
☐ Puddling clay ☒ Well Cuttings
Seeding procedure used ☒ Slurry pit ☐ Temporary surface casing
☐ Overbore to seal depth

6. LOCATION OF WELL
Sketch map location must agree with written location.



Subdivision Name
Lot No. Block No.
County Canyon
SW SE ¼ Sec. 4 T. 3N N/S, R. 3W E/W

7. WATER LEVEL
Static water level 45 feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow
Temperature F. Quality good
Artesian closed-in pressure p.s.i.
Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA
☐ Pump ☐ Bailer ☒ Other
Discharge G.P.M. 60 | Draw Down | Hours Pumped

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
8	1	10	Topsoil		
8	10	20	Topsoil and gravel		
6	20	30	Gravel		
6	30	40	Gravel with clay		
6	40	50	Gravel with clay		
6	50	60	Sand with clay		
6	60	70	Clay with gravel		
6	70	80	Sand with clay		
6	80	90	Clay with gravel		
6	90	94	Clay with sand		

10. Work started 2-8-77 Completed 2-25-77

11. DRILLER'S CERTIFICATION
Firm Name
Address
Signed by (Firm Official)
Date

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE COPY TO THE DEPARTMENT

(Form 38-7) 1/78

USE TYPEWRITER OR BALLPOINT PEN

Plotted (18)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

JUN 16 1980

Department of Water Resources

1. WELL OWNER
Name Robert TAYLOR
Address 12TH AVE & Hornbeck Rd - CALDWELL
Owner's Permit No.

2. NATURE OF WORK
☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)

3. PROPOSED USE
☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection (specify type)
☐ Other

4. METHOD DRILLED
☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary
☒ Cable ☐ Dug ☐ Other

5. WELL CONSTRUCTION
Casing schedule: ☒ Steel ☐ Concrete ☐ Other

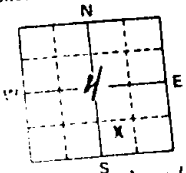
Thickness	Diameter	From	To
.250 inches	8" inches	1 feet	231 feet
.188 inches	5" inches	200 feet	218 feet
____ inches	____ inches	____ feet	____ feet
____ inches	____ inches	____ feet	____ feet

Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☒ Yes ☐ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation ____ inches by ____ inches

Number		From	To
____	perforations	____ feet	____ feet
____	perforations	____ feet	____ feet
____	perforations	____ feet	____ feet

Well screen installed? ☒ Yes ☐ No
Manufacturer's name Johnson
Type Telescoping STAN-LOSS Model No.
Diameter 6" Slot size .15 Set from 230 feet to 240 feet
Diameter ____ Slot size ____ Set from ____ feet to ____ feet
Gravel packed? ☐ Yes ☒ No ☐ Size of gravel ____
Placed from ____ feet to ____
Surface seal depth 20 Material used in seal ☐ Cement grout ☐ Well cuttings ☒ Puddling clay
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata
Describe access port SANITARY WELL SEAL

6. LOCATION OF WELL
Sketch map location must agree with written location.



Subdivision Name ____
Lot No. ____ Block No. ____
County CANYON
SW ¼ SE ¼ Sec. 4 T. 3 ☐ N. R. 3 ☒ W.

7. WATER LEVEL
Static water level 67 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow ____
Artesian closed-in pressure ____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature ____ °F. Quality Good

8. WELL TEST DATA
☐ Pump ☐ Bailer ☒ Air ☐ Other ____

Discharge G.P.M.	Pumping Level	Hours Pumped
120	150'	1

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
8	0	1	Top Soil		✓
	1	18	GRAVEL & SAND		✓
	18	22	Clay & Sandy clay		✓
	22	62	Sand & clay		✓
	62	70	Sandy clay	✓	
	70	80	Sandy clay	✓	
	80	100	Sandy clay	✓	
	100	120	Sandy clay	✓	
	120	140	Sandy clay	✓	
	140	160	Sandy clay	✓	
	160	180	Sandy clay	✓	
	180	185	Fine sand gray	✓	
	185	200	clay		✓
	200	220	clay		✓
	220	230	Clay & sand	✓	
	230	240	White sand	✓	

Department of Water Resources
Western Regional Office
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Department of Water Resources

10. Work started 6-10-80 finished 6-16-80

11. DRILLERS CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name SCOTT DRILLING CO. Firm No. 327
Address Rt 8 Lake Avenue Caldwell, Idaho 83605 Date ____
(208) 459-5555
Signed by (Firm Official) James Scott
and
(Operator) James Scott

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

Plotted (A)

Form 238-7
3/96

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT
Use Typewriter or Ballpoint Pen

C

Office Use Only
Inspected by _____
Twp ____ Rge ____ Sec ____
____1/4 ____1/4 ____1/4
Lat: : : Long: : :

1. DRILLING PERMIT NO. 63-95-W-0997-000
Other IDWR No. _____

2. OWNER:
Name BILL PUGH
Address 111 E. PAT LANE
City CALDWELL State ID Zip 83605

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S

Twp. 3 North ☒ or South ☐
Rge. 3 East ☐ or West ☒
Sec. 4, 1/4 NE 1/4 SE 1/4
Gov't Lot ____ County CANYON
Lat: : : Long: : :
Address of Well Site SAME City CALDWELL
(Give at least name of road + Distance to Road or Landmark)
Lt. _____ Blk. _____ Sub. Name _____

4. USE: ☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation ☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply ☒ New Well ☐ Modify ☐ Abandonment ☐ Other (Replacement etc.) _____

6. DRILL METHOD ☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
BENTONITE	0	20	200#	OVERDRILL

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) _____
Was drive shoe seal tested? ☒ Y ☐ N How? AIR

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6	+2	129	250	STEEL	☒	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS
☐ Perforations Method _____
☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
52 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: _____

11. WELL TESTS: ☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
25 GPM			

Water Temp. _____ Bottom hole temp. _____
Water Quality test or comments: _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment) Depth first Water Encountered _____

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
8	0	5	TOPSOIL/HARD PAN		X
	5	45	SAND/GRAVEL	X	
6	45	52	SAND		X
	52	90	SANDY CLAY		X
	90	92	CLAY	X	
	92	115	SAND		X
	115	118	CLAY	X	
	118	126	SAND		X
	126	134	CLAY		X
	134	141	SANDY CLAY		
	141	145	SAND/SHALE/STIFF CLAY		

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APR 10 1996
WATER RESOURCES
WESTERN REGION

Completed Depth 145+ (Measurable)
Date: Started 3-1-96 Completed 3-2-96

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Firm Name Davis Well Drilling Co Firm No. 101
Firm Official Chuck Davis Date 4-8-96
and
Supervisor or Operator _____ Date _____
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

Plotted (20)

USE TYPEWRITER OR BALL POINT PEN

State of Idaho
Department of Reclamation

WELL DRILLER'S REPORT

State law requires that this report be filed with the State Reclamation Engineer within 30 days after completion or abandonment of the well.

1. WELL OWNER

Name Andrew Piper

Address RR 4 Caldwell Idaho

Owner's Permit No. _____

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe method of abandoning)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test

☐ Municipal ☐ Industrial ☐ Stock

4. METHOD DRILLED

☒ Cable ☐ Rotory ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 6 inches Total depth 101 feet

Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
.250 inches	6 inches	1+ feet	85 feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was a packer or seal used? ☐ Yes ☒ No

Perforated? ☐ Yes ☒ No

How perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☐ Yes ☒ No

Manufacturer's name _____

Type _____ Model No. _____

Diameter ___ Slot size ___ Set from _____ feet to _____ feet

Diameter ___ Slot size ___ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☒ No Size of gravel _____

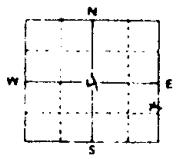
Placed from _____ feet to _____ feet

Surface seal? ☒ Yes ☐ No To what depth 20 feet

Material used in seal ☐ Cement grout ☒ Puddling clay

6. LOCATION OF WELL

Sketch map location must agree with written location.



County Canyon

¼ ¼ Section 4 T. 3 N. R. 3 E/W

7. WATER LEVEL

Static water level 26 feet below land surface

Flowing? ☐ Yes ☒ No G.P.M. flow _____

Temperature _____ ° F. Quality 24 grains

Artesian closed-in pressure _____ p.s.i. 23 P.P.M Iron

Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☐ Pump ☐ Bailer ☒ Other air compr

Discharge G.P.M.	Draw Down	Hours Pumped
50	20'	1

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
4	0	5	soil		X
6	5	25	boulders		X
	25	45	sand + gravel	X	
	45	80	sand & clay layers	X	
	80	90	clay		X
	90	101	sand & clay layers	X	

10.

Work started Nov 10-69 finished Dec 14-69

11. DRILLER'S CERTIFICATION

This well was drilled under my supervision and this report is true to the best of my knowledge.

Jesse Coty Well drilling 40
Driller's or Firm's Name Number

RR 3 Caldwell Idaho
Address

Jesse J. Coty Oct 12-69
Signed By Date

USE ADDITIONAL SHEETS IF NECESSARY

(21)

Plotted

Form 238-7
6/89

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Department of Water Resources

Use Typewriter or Ball Point Pen

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

RECEIVED
FEB 10 1994
Department of Water Resources

1. DRILLING PERMIT NO. 63-94-C-0072-000
Other IDWR No.

2. OWNER: Name Robert Howard
Address 305 S. Ohio Av. City Caldwell State Id Zip 83605

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

T. 3 North X or South ☐
R. 3 East ☐ or West X
Sec. 4, NE 1/4 SE 1/4
Gov't Lot ____ County ____

Address of Well Site 209 Pat Lane OFF 10th St. Caldwell
(Give at least Direction + Distance to Road or Landmark)

Lot No. ____ Block No. ____ Subd. Name ____

4. PROPOSED USE: X Domestic ☐ Municipal ☐ Monitor ☐ Irrigation ☐ Thermal ☐ Injection ☐ Other ____

5. TYPE OF WORK X New Well ☐ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD ☐ Mud Rotary X Air Rotary ☐ Cable ☐ Other ____

7. SEALING PROCEDURES

SEAL/FILTER P/CK Material	From	To	AMOUNT Sacks or Pounds	METHOD
BENTONITE	0	30	6	OVERBORE

Was drive shoe seal tested? Yes X No How? CLEANED HOLE DRY

8. CASING/LINER:

Diameter	From	To	Gauge	Casing	Liner	Steel	Plastic	Welded	Threaded
6	+1	80	250	X		X	☐	X	☐
						☐	☐	☐	☐
						☐	☐	☐	☐
						☐	☐	☐	☐

Final location of shoes ____
Top Packer or Headpipe 10' Bottom Tailpipe ____

9. PERFORATIONS/SCREENS
☐ Perforations Method ____
X Screens Type PVC Material SS

From	To	Slot Size	Number	Diameter	Tele/Pipe Size	Casing	Liner
95	90	10		5	6	X	☐
						☐	☐
						☐	☐
						☐	☐

10. WELL TESTS: ☐ Pump ☐ Bailer X Air ☐ Flowing Artesian

Yield gal/min.	Drawdown	Pumping Depth	Time
40	10	80	4 hrs

Temperature of water ____ Was a water analysis done? Yes ☐ No ☐
By whom? ____
Water Quality (odor, etc.) ____
Bottom Hole Temperature ____

11. STATIC WATER LEVEL:
60 ft. below surface Depth artesian flow found ____
Artesian pressure ____ lb. Describe access port ____
Describe Controlling Devices: Well CAP

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	GPM	SWL
8	0	3	Top Soil		
8	3	20	GRAVEL		
6	20	40	Sand & GRAVEL		
6	40	50	BROWN CLAY		
6	50	75	SAND		
6	75	87	BROWN CLAY		40
6	87	100	SAND-GRAVEL		

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WATER RESOURCES
WESTERN REGION

Date: Started 2-4-94 Completed 2-4-94

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Knie Well & Pump Firm No. 417
Firm Official Mike Knie Date 2-9-94
and
Supervisor or Operator Rod Ramsey Date 2-4-94
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

USE TYPEWRITER OR BALL POINT PEN

State of Idaho
Department of Water Resources

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

(22)

1. WELL OWNER

Name State of Idaho - Dept. of Administration

Address

Owner's Permit No.

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe method of abandoning)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type)

☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

4. METHOD DRILLED

☐ Cable ☒ Reverse Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 28 inches Total depth 355 feet

Casing schedule: ☐ Steel ☐ Concrete

Thickness	Diameter	From	To
.365 inches	10 inches	+ 2 feet	278 feet
.365 inches	10 inches	283 feet	294 feet
.365 inches	10 inches	304 feet	316 feet
.365 inches	10 inches	336 feet	346 feet
inches	inches	feet	feet

Was casing drive shoe used? ☐ Yes ☒ No

Was a packer or seal used? ☐ Yes ☐ No

Perforated? ☐ Yes ☐ No

How perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation inches by inches

Number	From	To
perforations	feet	feet
perforations	feet	feet
perforations	feet	feet

Well screen installed? ☒ Yes ☐ No

Manufacturer's name Johnson

Type Stainless Steel Model No.

Diameter 10 Slot size 40 Set from 278 feet to 283 feet

Diameter 10 Slot size 40 Set from 294 feet to 304 feet

10 40 316 336

Gravel packed? ☒ Yes ☐ No Size of gravel

Placed from 110 feet to 355 feet

Surface seal depth 20' Material used in seal ☒ Cement grout ☒ Bentonite clay ☒ Well cuttings

Sealing procedure used ☐ Slurry pit ☐ Temporary surface casing ☒ Overbore to seal depth

6. LOCATION OF WELL (63)

Sketch map location must agree with written location.

N / W / E

Subdivision Name

Lot No. Block No.

County Canyon

NE ¼ NW ¼ Sec. 10 T. 3 N. R. 3 W

7. WATER LEVEL

Static water level 38 feet below land surface

Flowing? ☐ Yes ☐ No G.P.M. flow

Temperature ° F. Quality

Artesian closed in pressure psi.

Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☐ Pump ☐ Bailer ☐ Other

Discharge G.P.M.	Drew Down	Hours Pumped

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
	1	2	top soil		
	2	6	hard pan		
	6	23	sand & River rock		
	23	24	brown clay		
	24	35	sand/gravel with some river rock		
	35	41	gray clay		
	41	43	fine gray sand		
	43	92	gray clay		
	92	93	fine gray sand		
	93	97	gray clay		
	97	115	fine gray sand		
	115	120	brown clay		
	120	132	gray sand		
	132	144	gray clay		
	144	152	gray sand		
	152	170	gray clay		
	170	215	fine gray sand		
	215	220	gray clay/sand		
	220	230	fine to med gray sand		
	230	232	gray clay		
	232	240	fine gray sand		
	240	243	gray clay		
	243	248	fine gray sand		
	248	252	gray clay		
	252	254	fine gray sand		
	254	260	gray clay		
	260	336	fine to med gray sand		
	336	342	gray clay		
	342	355	gray fine sand		

10. Work started 8/29/76 finished 9/1/76

11. DRILLER'S CERTIFICATION

Firm Name PETE COPE DRILLING CO., INC Firm No. 213

Address P.O. Box 561 Meridian, Idaho 83642 Date 9/8/76

Signed by (Firm Official) Pete Cope

and

(Operator) Edward E. Wheeler

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE COPY TO THE DEPARTMENT

Attached

(23)

WELL LOG AND REPORT TO THE STATE RECLAMATION ENGINEER OF IDAHO

RECEIVED FEB 2 1959 Department of Reclamation

Log No. ____
Rec'd. ____, 19____
Well No. ____
Permit No. ____

(DO NOT FILL IN)

Owner John Stecher Address 1701 Dearborn, Caldwell, Idaho

Driller Kenneth Witt Address 3213 N.39th, Boise Lic. No. 55

Location of Well: NE ¼ SE ¼ Sec. 9, T. 3 N/S, R. 3 W/W Canyon County,

on ____ feet N/S, and ____ feet E/W from ____ Corner of ____ ¼ ____ ¼ Sec. ____

Size of Drilled Hole 8 in. Total depth of Well 273 ft.

Give depth of standing water from surface 123 ft. Water Temp. ____ °Farenheit

On pumping test delivery was 150 g.p.m. or ____ c.f.s. Drawdown was ____ feet.

Size of pump and motor used to make the test Turbine

Length of time pumped during check was 6 hr., ____ minutes.

If flowing well, give flow in c.f.s. ____ or g.p.m. ____ and shut in pressure ____

If flowing well, describe control works ____ (TYPE AND SIZE OF VALVE, ETC.)

Water will be used for Domestic and Irrigation Weight of casing per linear foot 28 lbs.

Thickness of casing 5/16 in. Casing material Steel (E.G., PIPE, CONCRETE, WOOD.)

Diameter, length and location of casing 8 in. 248 ft. (CASING 12" IN DIAMETER AND UNDER GIVE INSIDE DIAMETER; CASING OVER 12" IN DIAMETER GIVE OUTSIDE DIAMETER.)

Number and size of perforations 23 slot screen located 245 to 253 feet to 258 to 266 feet from surface of ground.

Other perforations ____

Date of commencement of well June 26, 1958 Date of completion of well Aug. 6, 1958

Type of well rig ____

CASING RECORD

DIAM. CASING	FROM FEET	TO FEET	LENGTH	"REMARKS" -- SEALS, GROUTING, ETC.
8 in.	0	246	248	Screen is a Johnson Everdur 23 slot 7 ft. and 8 ft.

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

NE SE

56

WELL LOG

From Feet	To Feet	Type of Material	Drilling Time Hrs.	Drilling Time Min.	Water-bearing Formation Ans. Yes or No	Casing Perforated Ans. Yes or No
0	4	Top soil				
4	27	Hard pan				
27	78	Gravel				
78	90	Clay and Sand				
90	100	Sandy clay				
100	125	Sand and Clay streaks				
125	136	Sticky clay ~~(watery)~~ (water)				
136	160	Sandy clay (water)				
160	199	Fine sand				
199	211	Sand and Clay				
211	243	Rotten clay and Sand streaks				
243	245	Sticky clay				
245	253	Clean sand (white)				
253	258	Clay				
258	266	Clean sand				
266	275	Yellow clay				
		If more space is required use Sheet No. 2				

WELL DRILLERS STATEMENT

This well was drilled under my jurisdiction and the above information is true and correct to the best of my knowledge and belief.

Signed Kenneth D. Wiff

By

License No. 55

Dated August 6, 1958

UOI Caldwell Research and Extension Center prior to tank decommissioning.

View of the 1,000-gallon diesel UST during decommissioning.

View of the 500-gallon gasoline tank during decommissioning.

View of the excavation after removal of the gasoline and diesel tanks.

DPW Project No. 98-809
UOI Caldwell Research and Extension Center

UOI Caldwell Research and Extension Center after decommissioning.

ALCHEM LABORATORIES

Alchem Laboratories, Inc.
104 West 31st Street
Boise, Idaho 83714
Phone (208) 336-1172
FAX (208) 336-7124
Water, Waste Water and Soil Analysis

LABORATORY REPORT

ENVIROSEARCH
ATTN: BRENDA ASHWORTH
1605 N. 13TH ST.
BOISE, IDAHO 83702

DATE COLLECTED: 07/16/98
TIME COLLECTED: 11:30
DATE RECEIVED: 07/16/98
DATE REPORTED: 07/22/98
SAMPLED BY: BRENDA ASHWORTH

Project: UOI CALDWELL
Source: UOIC-1 S. END DIESEL 6.5
Matrix: SOIL

METHOD - BTEX 8020

LAB SAMPLE NUMBER - 47267

METHOD DETECTION LEVEL: 25.0 ug/kg

ORGANIC CONTAMINANT	DATE ANALYZED	ANALYST	RESULTS
	07/21/98	B. BROKER	
BTEX			
Benzene			80.0 ppb
Toluene			<25.0 ppb
Ethlybenzene			40.0 ppb
Total Xylenes			205.0 ppb

ppb = ug/kg

Suzanne Howell, Laboratory Manager

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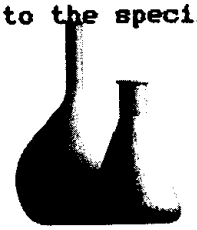

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ATTN: BRENDA ASHWORTH
1605 N. 13TH ST.
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DATE COLLECTED: 07/16/98
TIME COLLECTED: 11:30
DATE RECEIVED : 07/16/98
DATE REPORTED: 08/21/98
SAMPLED BY: BRENDA ASHWORTH

PROJECT: UOI CALDWELL
SOURCE: UOIC-1 S. END DIESEL 6.5
MATRIX: SOIL

PAH'S by METHOD 8270

LABORATORY SAMPLE NO: 47267

COMPOUND	METHOD DETECTION LIMIT (ug/kg)	ANALYTICAL RESULTS (ug/kg)
ACENAPHTENE	67.0	ND
ACENAPHTHYLENE	67.0	ND
ANTHRACENE	67.0	ND
BENZO(a)ANTHRACENE	67.0	ND
BENZO(a)PYRENE	67.0	ND
BENZO(b)FLUORANTHENE	67.0	ND
BENZO(ghi)PERYLENE	67.0	ND
BENZO(k)FLUORANTHENE	67.0	ND
CHRYSENE	67.0	ND
DIBENZO(a,h)ANTHRACENE	67.0	ND
FLUORANTHENE	67.0	ND
FLUORENE	67.0	ND
INDENO(1,2,3-cd)PYRENE	67.0	ND
NAPHTHALENE	168.0	ND
PHENANTHRENE	67.0	69.9
PYRENE	67.0	ND

SURROGATE RECOVERY	ACCEPTANCE LIMITS	RECOVERY
NITROBENZENE-D5	23%-120%	58%
2-FLUOROBIPHENYL	30%-115%	66%
TERPHENYL-D14	18%-137%	68%
PHENOL-D5	24%-113%	66%
2-FLUOROPHENOL	25%-121%	60%
2,4,6-TRIBROMOPHENOL	19%-122%	66%

ND-None Detected

ANALYST: B. BROKER
DATE EXTRACTED: 07/23/98
DATE ANALYZED: 08/20/98

Suzanne Howell, Laboratory Manager

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LABORATORY REPORT

ENVIROSEARCH
ATTN: BRENDA ASHWORTH
1605 N. 13TH ST.
BOISE, IDAHO 83702

DATE COLLECTED: 07/16/98
TIME COLLECTED: 11:36
DATE RECEIVED: 07/16/98
DATE REPORTED: 07/22/98
SAMPLED BY: BRENDA ASHWORTH

Project: UOI CALDWELL
Source: UOIC-2 N. END DIESEL 6.5
Matrix: SOIL

METHOD - BTEX 8020

LAB SAMPLE NUMBER - 47268

METHOD DETECTION LEVEL: 25.0 ug/kg

ORGANIC CONTAMINANT		DATE ANALYZED	ANALYST	RESULTS
		07/21/98	B. BROKER	
BTEX				
	Benzene			<25.0 ppb
	Toluene			<25.0 ppb
	Ethlybenzene			<25.0 ppb
	Total Xylenes			<25.0 ppb

ppb = ug/kg

Suzanne Howell, Laboratory Manager

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PROJECT: UOI CALDWELL
SOURCE: UOIC-2 N. END DIESEL 6.5
MATRIX: SOIL

PAH'S by METHOD 8270

LABORATORY SAMPLE NO: 47268

COMPOUND	METHOD DETECTION LIMIT (ug/kg)	ANALYTICAL RESULTS (ug/kg)
ACENAPHTENE	67.0	ND
ACENAPHTHYLENE	67.0	ND
ANTHRACENE	67.0	ND
BENZO(a)ANTHRACENE	67.0	ND
BENZO(a)PYRENE	67.0	ND
BENZO(b)FLUORANTHENE	67.0	ND
BENZO(ghi)PERYLENE	67.0	ND
BENZO(k)FLUORANTHENE	67.0	ND
CHRYSENE	67.0	ND
DIBENZO(a,h)ANTHRACENE	67.0	ND
FLUORANTHENE	67.0	ND
FLUORENE	67.0	ND
INDENO(1,2,3-cd)PYRENE	67.0	ND
NAPHTHALENE	168.0	ND
PHENANTHRENE	67.0	ND
PYRENE	67.0	ND

SURROGATE RECOVERY

	ACCEPTANCE LIMITS	RECOVERY
NITROBENZENE-D5	23%-120%	56%
2-FLUOROBIPHENYL	30%-115%	64%
TERPHENYL-D14	18%-137%	73%
PHENOL-D5	24%-113%	70%
2-FLUOROPHENOL	25%-121%	61%
2,4,6-TRIBROMOPHENOL	19%-122%	69%

ND-None Detected

ANALYST: B. BROKER
DATE EXTRACTED: 07/23/98
DATE ANALYZED: 08/20/98

Suzanne Howell, Laboratory Manager

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DATE COLLECTED: 07/16/98
TIME COLLECTED: 11:50
DATE RECEIVED: 07/16/98
DATE REPORTED: 07/22/98
SAMPLED BY: BRENDA ASHWORTH

Project: UOI CALDWELL
Source: UOIC-3 S. END GAS 6.5
Matrix: SOIL

METHOD - BTEX 8020

LAB SAMPLE NUMBER - 47269

ORGANIC CONTAMINANT		DATE ANALYZED	ANALYST	RESULTS
		07/21/98	B. BROKER	
BTEX	Benzene			<25.0 ppb
	Toluene			<25.0 ppb
	Ethlybenzene			<25.0 ppb
	Total Xylenes			<25.0 ppb
	Naphthalene			<25.0 ppb
	Methyl-t-Butyl Ether (MTBE)			<250.0 ppb

ppb = ug/kg

Suzanne Howell, Laboratory Manager

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TIME COLLECTED: 11:50
DATE RECEIVED: 07/16/98
DATE REPORTED: 07/22/98
SAMPLED BY: BRENDA ASHWORTH

Project: UOI CALDWELL
Source: UOIC-3 S. END GAS 6.5
Matrix: SOIL

LAB SAMPLE NUMBER - 47269

LABORATORY REPORT FOR PURGABLE HALOCARBONS BY 8010

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS
Vinyl Chloride	10.0	ND
1,1-Dichloroethylene	25.0	ND
1,1,1-Trichlorethane	25.0	ND
Carbon Tetrachloride	25.0	ND
1,2-Dichloroethane	25.0	ND
Trichloroethylene	25.0	ND
p-Dichlorobenzene	25.0	ND
Chlorobenzene	25.0	ND
o-Dichlorobenzene	25.0	ND
cis-1,2-Dichloroethene	25.0	ND
trans-1,2-Dichloroethene	25.0	ND
1,2-Dichloropropane	25.0	ND
Methylene Chloride	25.0	ND
Tetrachloroethene	25.0	ND
1,2,4-Trichlorobenzene	25.0	ND
1,1,2-Trichloroethane	25.0	ND

ND = None Detected

Date Analyzed: 07/21/98
Analyst: B. BROKER

Suzanne Howell, Laboratory Manager

REPORT CONT. NEXT PAGE

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COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS
THM'S (TRIHALOMETHANES)		
Bromodichloromethane	10.0	ND
Chlorodibromomethane	25.0	ND
Bromoform	50.0	ND
Chloroform	10.0	ND
TOTAL THM'S	50.0	ND

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg)
Bromobenzene	25.0	ND
Bromochloromethane	25.0	ND
Bromomethane	100.0	ND
Chloroethane	50.0	ND
Chloromethane	25.0	ND
2-Chlorotoluene	25.0	ND
4-Chlorotoluene	25.0	ND
1,2-Dibromo-3-Chloropropane	250.0	ND
1,2-Dibromoethane	75.0	ND
Dibromomethane	200.0	ND
1,3-Dichlorobenzene	25.0	ND
Dichlorodifluoromethane	25.0	ND
1,1-Dichloroethane	25.0	ND
1,3-Dichloropropane	25.0	ND
2,2-Dichloropropane	25.0	ND
1,1-Dichloropropene	25.0	ND
cis-1,3-Dichloropropene	25.0	ND
trans-1,3-Dichloropropene	25.0	ND
Hexachlorobutadiene	25.0	ND
1,1,1,2-Tetrachloroethane	25.0	ND
1,1,2,2-Tetrachloroethane	25.0	ND
1,2,3-Trichlorobenzene	25.0	ND
Trichlorofluoromethane	25.0	ND
1,2,3-Trichloropropane	25.0	ND

ND = None Detected

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JUL 22 1998
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ENVIROSEARCH
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SAMPLED BY: BRENDA ASHWORTH

DATE COLLECTED: 07/16/98
TIME COLLECTED: 11:50
DATE RECEIVED: 07/16/98
DATE REPORTED: 07/20/98

PROJECT: UOI CALDWELL
SOURCE: UOIC-3 S. END GAS 6.5
MATRIX: SOIL

LABORATORY REPORT FOR DBCP and EDB BY METHOD 8011 MOD.

LAB NO. 47269

COMPOUNDS	METHOD DETECTION LEVEL (ug/kg)	RESULTS (ug/kg)
Ethylene Dibromide (EDB)	0.5	ND
1,2-Dibromo-3-chloropropane (DBCP)	0.5	ND

ND = None Detected

Date Extracted: 07/17/98
Date Analyzed: 07/18/98
Analyst: J. DORMAN

Suzanne Howell, Laboratory Manager

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LABORATORY REPORT

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ATTN: BRENDA ASHWORTH
1605 N. 13TH ST.
BOISE, IDAHO 83702

DATE COLLECTED: 07/16/98
TIME COLLECTED: 12:00
DATE RECEIVED: 07/16/98
DATE REPORTED: 07/22/98
SAMPLED BY: BRENDA ASHWORTH

Project: UOI CALDWELL
Source: UOIC-4 N. END GAS 6.5
Matrix: SOIL

METHOD - BTEX 8020

LAB SAMPLE NUMBER - 47270

ORGANIC CONTAMINANT		DATE ANALYZED	ANALYST	RESULTS
		07/21/98	B. BROKER	
BTEX				
	Benzene			<25.0 ppb
	Toluene			<25.0 ppb
	Ethlybenzene			<25.0 ppb
	Total Xylenes			<25.0 ppb
	Naphthalene			<25.0 ppb
	Methyl-t-Butyl Ether (MTBE)			<250.0 ppb

ppb = ug/kg

Suzanne Howell, Laboratory Manager

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Project: UOI CALDWELL
Source: UOIC-4 N. END GAS 6.5
Matrix: SOIL

LAB SAMPLE NUMBER - 47270

LABORATORY REPORT FOR PURGABLE HALOCARBONS BY 8010

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS
Vinyl Chloride	10.0	ND
1,1-Dichloroethylene	25.0	ND
1,1,1-Trichlorethane	25.0	ND
Carbon Tetrachloride	25.0	ND
1,2-Dichloroethane	25.0	ND
Trichloroethylene	25.0	ND
p-Dichlorobenzene	25.0	ND
Chlorobenzene	25.0	ND
o-Dichlorobenzene	25.0	ND
cis-1,2-Dichloroethene	25.0	ND
trans-1,2-Dichloroethene	25.0	ND
1,2-Dichloropropane	25.0	ND
Methylene Chloride	25.0	ND
Tetrachloroethene	25.0	ND
1,2,4-Trichlorobenzene	25.0	ND
1,1,2-Trichloroethane	25.0	ND

ND = None Detected

Date Analyzed: 07/21/98
Analyst: B. BROKER

Suzanne Howell, Laboratory Manager

REPORT CONT. NEXT PAGE

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COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS
THM'S (TRIHALOMETHANES)		
Bromodichloromethane	10.0	ND
Chlorodibromomethane	25.0	ND
Bromoform	50.0	ND
Chloroform	10.0	ND
TOTAL THM'S	50.0	ND

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg)
Bromobenzene	25.0	ND
Bromochloromethane	25.0	ND
Bromomethane	100.0	ND
Chloroethane	50.0	ND
Chloromethane	25.0	ND
2-Chlorotoluene	25.0	ND
4-Chlorotoluene	25.0	ND
1,2-Dibromo-3-Chloropropane	250.0	ND
1,2-Dibromoethane	75.0	ND
Dibromomethane	200.0	ND
1,3-Dichlorobenzene	25.0	ND
Dichlorodifluoromethane	25.0	ND
1,1-Dichloroethane	25.0	ND
1,3-Dichloropropane	25.0	ND
2,2-Dichloropropane	25.0	ND
1,1-Dichloropropene	25.0	ND
cis-1,3-Dichloropropene	25.0	ND
trans-1,3-Dichloropropene	25.0	ND
Hexachlorobutadiene	25.0	ND
1,1,1,2-Tetrachloroethane	25.0	ND
1,1,2,2-Tetrachloroethane	25.0	ND
1,2,3-Trichlorobenzene	25.0	ND
Trichlorofluoromethane	25.0	ND
1,2,3-Trichloropropane	25.0	ND

ND = None Detected

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SAMPLED BY: BRENDA ASHWORTH

DATE COLLECTED: 07/16/98
TIME COLLECTED: 12:00
DATE RECEIVED: 07/16/98
DATE REPORTED: 07/20/98

PROJECT: UOI CALDWELL
SOURCE: UOIC-4 N. END GAS 6.5
MATRIX: SOIL

LABORATORY REPORT FOR DBCP and EDB BY METHOD 8011 MOD.

LAB NO. 47270

COMPOUNDS	METHOD DETECTION LEVEL (ug/kg)	RESULTS (ug/kg)
Ethylene Dibromide (EDB)	0.5	ND
1,2-Dibromo-3-chloropropane (DBCP)	0.5	ND

ND = None Detected

Date Extracted: 07/17/98
Date Analyzed: 07/18/98
Analyst: J. DORMAN

Suzanne Howell, Laboratory Manager

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ATTN: BRENDA ASHWORTH
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DATE COLLECTED: 07/16/98
TIME COLLECTED: 12:15
DATE RECEIVED: 07/16/98
DATE REPORTED: 07/22/98
SAMPLED BY: BRENDA ASHWORTH

Project: UOI CALDWELL
Source: UOIC-5 CLEAN COMP.
Matrix: SOIL

METHOD - BTEX 8020

LAB SAMPLE NUMBER - 47271

ORGANIC CONTAMINANT		DATE ANALYZED	ANALYST	RESULTS	
		07/21/98	B. BROKER		
BTEX					
	Benzene			380.0	ppb
	Toluene			1700.0	ppb
	Ethlybenzene			195.0	ppb
	Total Xylenes			1320.0	ppb
	Naphthalene			80.0	ppb
	Methyl-t-Butyl Ether (MTBE)			<250.0	ppb

ppb = ug/kg

Suzanne Howell, Laboratory Manager

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ALCHEM LABORATORIES

Alchem Laboratories, Inc.
104 West 31st Street
Boise, Idaho 83714
Phone (208) 336-1172
FAX (208) 336-7124
Water, Waste Water and Soil Analysis

LABORATORY REPORT

ENVIROSEARCH
ATTN: BRENDA ASHWORTH
1605 N. 13TH ST.
BOISE, IDAHO 83702

DATE COLLECTED: 07/16/98
TIME COLLECTED: 12:15
DATE RECEIVED: 07/16/98
DATE REPORTED: 07/22/98
SAMPLED BY: BRENDA ASHWORTH

Project: UOI CALDWELL
Source: UOIC-5 CLEAN COMP.
Matrix: SOIL

LAB SAMPLE NUMBER - 47271

LABORATORY REPORT FOR PURGABLE HALOCARBONS BY 8010

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS
Vinyl Chloride	10.0	ND
1,1-Dichloroethylene	25.0	ND
1,1,1-Trichlorethane	25.0	ND
Carbon Tetrachloride	25.0	ND
1,2-Dichloroethane	25.0	ND
Trichloroethylene	25.0	ND
p-Dichlorobenzene	25.0	ND
Chlorobenzene	25.0	ND
o-Dichlorobenzene	25.0	ND
cis-1,2-Dichloroethene	25.0	ND
trans-1,2-Dichloroethene	25.0	ND
1,2-Dichloropropane	25.0	ND
Methylene Chloride	25.0	ND
Tetrachloroethene	25.0	ND
1,2,4-Trichlorobenzene	25.0	ND
1,1,2-Trichloroethane	25.0	ND

ND = None Detected

Date Analyzed: 07/21/98
Analyst: B. BROKER

Suzanne Howell, Laboratory Manager

REPORT CONT. NEXT PAGE

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COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS
THM'S (TRIHALOMETHANES)		
Bromodichloromethane	10.0	ND
Chlorodibromomethane	25.0	ND
Bromoform	50.0	ND
Chloroform	10.0	ND
TOTAL THM'S	50.0	ND

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg)
Bromobenzene	25.0	ND
Bromochloromethane	25.0	ND
Bromomethane	100.0	ND
Chloroethane	50.0	ND
Chloromethane	25.0	ND
2-Chlorotoluene	25.0	ND
4-Chlorotoluene	25.0	ND
1,2-Dibromo-3-Chloropropane	250.0	ND
1,2-Dibromoethane	75.0	ND
Dibromomethane	200.0	ND
1,3-Dichlorobenzene	25.0	ND
Dichlorodifluoromethane	25.0	ND
1,1-Dichloroethane	25.0	ND
1,3-Dichloropropane	25.0	ND
2,2-Dichloropropane	25.0	ND
1,1-Dichloropropene	25.0	ND
cis-1,3-Dichloropropene	25.0	ND
trans-1,3-Dichloropropene	25.0	ND
Hexachlorobutadiene	25.0	ND
1,1,1,2-Tetrachloroethane	25.0	ND
1,1,2,2-Tetrachloroethane	25.0	ND
1,2,3-Trichlorobenzene	25.0	ND
Trichlorofluoromethane	25.0	ND
1,2,3-Trichloropropane	25.0	ND

ND = None Detected

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DATE REPORTED: 07/20/98

PROJECT: UOI CALDWELL
SOURCE: UOIC-5 CLEAN COMP
MATRIX: SOIL

LABORATORY REPORT FOR DBCP and EDB BY METHOD 8011 MOD.

LAB NO. 47271

COMPOUNDS	METHOD DETECTION LEVEL (ug/kg)	RESULTS (ug/kg)
Ethylene Dibromide (EDB)	0.5	ND
1,2-Dibromo-3-chloropropane (DBCP)	0.5	ND

ND = None Detected

Date Extracted: 07/17/98
Date Analyzed: 07/18/98
Analyst: J. DORMAN

Suzanne Howell, Laboratory Manager

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DATE RECEIVED : 07/16/98
DATE REPORTED: 08/21/98
SAMPLED BY: BRENDA ASHWORTH

PROJECT: UOI CALDWELL
SOURCE: UOIC-S CLEAN COMP.
MATRIX: SOIL

PAH'S by METHOD 8270

LABORATORY SAMPLE NO: 47271

COMPOUND	METHOD DETECTION LIMIT (ug/kg)	ANALYTICAL RESULTS (ug/kg)
ACENAPHTENE	67.0	ND
ACENAPHTHYLENE	67.0	ND
ANTHRACENE	67.0	ND
BENZO(a)ANTHRACENE	67.0	ND
BENZO(a)PYRENE	67.0	ND
BENZO(b)FLUORANTHENE	67.0	ND
BENZO(ghi)PERYLENE	67.0	ND
BENZO(k)FLUORANTHENE	67.0	ND
CHRYSENE	67.0	ND
DIBENZO(a,h)ANTHRACENE	67.0	ND
FLUORANTHENE	67.0	ND
FLUORENE	67.0	ND
INDENO(1,2,3-cd)PYRENE	67.0	ND
NAPHTHALENE	168.0	ND
PHENANTHRENE	67.0	ND
PYRENE	67.0	ND

SURROGATE RECOVERY

	ACCEPTANCE LIMITS	RECOVERY
NITROBENZENE-D5	23%-120%	42%
2-FLUOROBIPHENYL	30%-115%	55%
TERPHENYL-D14	18%-137%	78%
PHENOL-D5	24%-113%	49%
2-FLUOROPHENOL	25%-121%	41%
2,4,6-TRIBROMOPHENOL	19%-122%	63%

ND-None Detected

ANALYST: B. BROKER
DATE EXTRACTED: 07/23/98
DATE ANALYZED: 08/20/98

Suzanne Howell, Laboratory Manager

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DATE RECEIVED: 07/16/98
DATE REPORTED: 07/22/98
SAMPLED BY: BRENDA ASHWORTH

Project: UOI CALDWELL
Source: UOIC-6 CLEAN GRAB
Matrix: SOIL

METHOD - BTEX 8020

LAB SAMPLE NUMBER - 47272

ORGANIC CONTAMINANT		DATE ANALYZED	ANALYST	RESULTS
		07/21/98	B. BROKER	
BTEX	Benzene			<25.0 ppb
	Toluene			<25.0 ppb
	Ethlybenzene			<25.0 ppb
	Total Xylenes			<25.0 ppb
	Naphthalene			<25.0 ppb
	Methyl-t-Butyl Ether (MTBE)			<250.0 ppb

ppb = ug/kg

Suzanne Howell, Laboratory Manager

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Project: UOI CALDWELL
Source: UOIC-6 CLEAN GRAB
Matrix: SOIL

LAB SAMPLE NUMBER - 47272

LABORATORY REPORT FOR PURGABLE HALOCARBONS BY 8010

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS
Vinyl Chloride	10.0	ND
1,1-Dichloroethylene	25.0	ND
1,1,1-Trichlorethane	25.0	ND
Carbon Tetrachloride	25.0	ND
1,2-Dichloroethane	25.0	ND
Trichloroethylene	25.0	ND
p-Dichlorobenzene	25.0	ND
Chlorobenzene	25.0	ND
o-Dichlorobenzene	25.0	ND
cis-1,2-Dichloroethene	25.0	ND
trans-1,2-Dichloroethene	25.0	ND
1,2-Dichloropropane	25.0	ND
Methylene Chloride	25.0	ND
Tetrachloroethene	25.0	ND
1,2,4-Trichlorobenzene	25.0	ND
1,1,2-Trichloroethane	25.0	ND

ND = None Detected

Date Analyzed: 07/21/98
Analyst: B. BROKER

Suzanne Howell, Laboratory Manager

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COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS
THM'S (TRIHALOMETHANES)		
Bromodichloromethane	10.0	ND
Chlorodibromomethane	25.0	ND
Bromoform	50.0	ND
Chloroform	10.0	ND
TOTAL THM'S	50.0	ND

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg)
Bromobenzene	25.0	ND
Bromochloromethane	25.0	ND
Bromomethane	100.0	ND
Chloroethane	50.0	ND
Chloromethane	25.0	ND
2-Chlorotoluene	25.0	ND
4-Chlorotoluene	25.0	ND
1,2-Dibromo-3-Chloropropane	250.0	ND
1,2-Dibromoethane	75.0	ND
Dibromomethane	200.0	ND
1,3-Dichlorobenzene	25.0	ND
Dichlorodifluoromethane	25.0	ND
1,1-Dichloroethane	25.0	ND
1,3-Dichloropropane	25.0	ND
2,2-Dichloropropane	25.0	ND
1,1-Dichloropropene	25.0	ND
cis-1,3-Dichloropropene	25.0	ND
trans-1,3-Dichloropropene	25.0	ND
Hexachlorobutadiene	25.0	ND
1,1,1,2-Tetrachloroethane	25.0	ND
1,1,2,2-Tetrachloroethane	25.0	ND
1,2,3-Trichlorobenzene	25.0	ND
Trichlorofluoromethane	25.0	ND
1,2,3-Trichloropropane	25.0	ND

ND = None Detected

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DATE REPORTED: 07/20/98

PROJECT: UOI CALDWELL
SOURCE: UOIC-6 CLEAN GRAB
MATRIX: SOIL

LABORATORY REPORT FOR DBCP and EDB BY METHOD 8011 MOD.

LAB NO. 47272

COMPOUNDS	METHOD DETECTION LEVEL (ug/kg)	RESULTS (ug/kg)
Ethylene Dibromide (EDB)	0.5	ND
1,2-Dibromo-3-chloropropane (DBCP)	0.5	ND

ND = None Detected

Date Extracted: 07/17/98
Date Analyzed: 07/18/98
Analyst: J. DORMAN

Suzanne Howell, Laboratory Manager

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LABORATORY REPORT

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DATE COLLECTED: 07/16/98
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DATE REPORTED: 08/21/98
SAMPLED BY: BRENDA ASHWORTH

PROJECT: UOI CALDWELL
SOURCE: UOIC-6 CLEAN GRAB
MATRIX: SOIL

PAH'S by METHOD 8270

LABORATORY SAMPLE NO: 47272

COMPOUND	METHOD DETECTION LIMIT (ug/kg)	ANALYTICAL RESULTS (ug/kg)
ACENAPHTENE	67.0	ND
ACENAPHTHYLENE	67.0	ND
ANTHRACENE	67.0	ND
BENZO(a)ANTHRACENE	67.0	ND
BENZO(a)PYRENE	67.0	ND
BENZO(b)FLUORANTHENE	67.0	ND
BENZO(ghi)PERYLENE	67.0	ND
BENZO(k)FLUORANTHENE	67.0	ND
CHRYSENE	67.0	ND
DIBENZO(a,h)ANTHRACENE	67.0	ND
FLUORANTHENE	67.0	ND
FLUORENE	67.0	ND
INDENO(1,2,3-cd)PYRENE	67.0	ND
NAPHTHALENE	168.0	ND
PHENANTHRENE	67.0	ND
PYRENE	67.0	ND

SURROGATE RECOVERY

	ACCEPTANCE LIMITS	RECOVERY
NITROBENZENE-D5	23%-120%	52%
2-FLUOROBIPHENYL	30%-115%	64%
TERPHENYL-D14	18%-137%	83%
PHENOL-D5	24%-113%	58%
2-FLUOROPHENOL	25%-121%	48%
2,4,6-TRIBROMOPHENOL	19%-122%	68%

ANALYST: B. BROKER
DATE EXTRACTED: 07/23/98
DATE ANALYZED: 08/20/98

ND-None Detected

Suzanne Howell, Laboratory Manager

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SAMPLED BY: BRENDA ASHWORTH

Project: UOI CALDWELL
Source: UOIC-7 IMPACTED COMP.
Matrix: SOIL

METHOD - BTEX 8020

LAB SAMPLE NUMBER - 47273

ORGANIC CONTAMINANT		DATE ANALYZED	ANALYST	RESULTS
		07/21/98	B. BROKER	
BTEX	Benzene			<25.0 ppb
	Toluene			<25.0 ppb
	Ethlybenzene			30.0 ppb
	Total Xylenes			150.0 ppb
	Naphthalene			905.0 ppb
	Methyl-t-Butyl Ether (MTBE)			<250.0 ppb

ppb = ug/kg

Suzanne Howell, Laboratory Manager

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Project: UOI CALDWELL
Source: UOIC-7 IMPACTED COMP.
Matrix: SOIL

LAB SAMPLE NUMBER - 47273

LABORATORY REPORT FOR PURGABLE HALOCARBONS BY 8010

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS
Vinyl Chloride	10.0	ND
1,1-Dichloroethylene	25.0	ND
1,1,1-Trichlorethane	25.0	ND
Carbon Tetrachloride	25.0	ND
1,2-Dichloroethane	25.0	ND
Trichloroethylene	25.0	ND
p-Dichlorobenzene	25.0	ND
Chlorobenzene	25.0	ND
o-Dichlorobenzene	25.0	ND
cis-1,2-Dichloroethene	25.0	ND
trans-1,2-Dichloroethene	25.0	ND
1,2-Dichloropropane	25.0	ND
Methylene Chloride	25.0	ND
Tetrachloroethene	25.0	ND
1,2,4-Trichlorobenzene	25.0	ND
1,1,2-Trichloroethane	25.0	ND

ND = None Detected

Date Analyzed: 07/21/98
Analyst: B. BROKER

Suzanne Howell, Laboratory Manager

REPORT CONT. NEXT PAGE

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REPORT CONTINUED — Lab No. 47273 —

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS
THM'S (TRIHALOMETHANES)		
Bromodichloromethane	10.0	ND
Chlorodibromomethane	25.0	ND
Bromoform	50.0	ND
Chloroform	10.0	ND
TOTAL THM'S	50.0	ND

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg)
Bromobenzene	25.0	ND
Bromochloromethane	25.0	ND
Bromomethane	100.0	ND
Chloroethane	50.0	ND
Chloromethane	25.0	ND
2-Chlorotoluene	25.0	ND
4-Chlorotoluene	25.0	ND
1,2-Dibromo-3-Chloropropane	250.0	ND
1,2-Dibromoethane	75.0	ND
Dibromomethane	200.0	ND
1,3-Dichlorobenzene	25.0	ND
Dichlorodifluoromethane	25.0	ND
1,1-Dichloroethane	25.0	ND
1,3-Dichloropropane	25.0	ND
2,2-Dichloropropane	25.0	ND
1,1-Dichloropropene	25.0	ND
cis-1,3-Dichloropropene	25.0	ND
trans-1,3-Dichloropropene	25.0	ND
Hexachlorobutadiene	25.0	ND
1,1,1,2-Tetrachloroethane	25.0	ND
1,1,2,2-Tetrachloroethane	25.0	ND
1,2,3-Trichlorobenzene	25.0	ND
Trichlorofluoromethane	25.0	ND
1,2,3-Trichloropropane	25.0	ND

ND = None Detected

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PROJECT: UOI CALDWELL
SOURCE: UOIC-7 IMPACTED COMP
MATRIX: SOIL

LABORATORY REPORT FOR DBCP and EDB BY METHOD 8011 MOD.

LAB NO. 47273

COMPOUNDS	METHOD DETECTION LEVEL (ug/kg)	RESULTS (ug/kg)
Ethylene Dibromide (EDB)	0.5	ND
1,2-Dibromo-3-chloropropane (DBCP)	0.5	ND

ND = None Detected

Date Extracted: 07/17/98
Date Analyzed: 07/18/98
Analyst: J. DORMAN

Suzanne Howell, Laboratory Manager

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PROJECT: UOI CALDWELL
SOURCE: UOIC-7 IMPACTED COMP.
MATRIX: SOIL

PAH'S by METHOD 8270

LABORATORY SAMPLE NO: 47273

COMPOUND	METHOD DETECTION LIMIT (ug/kg)	ANALYTICAL RESULTS (ug/kg)
ACENAPHTENE	67.0	ND
ACENAPHTHYLENE	67.0	ND
ANTHRACENE	67.0	ND
BENZO(a)ANTHRACENE	67.0	ND
BENZO(a)PYRENE	67.0	ND
BENZO(b)FLUORANTHENE	67.0	ND
BENZO(ghi)PERYLENE	67.0	ND
BENZO(k)FLUORANTHENE	67.0	ND
CHRYSENE	67.0	ND
DIBENZO(a,h)ANTHRACENE	67.0	ND
FLUORANTHENE	67.0	ND
FLUORENE	67.0	69.9
INDENO(1,2,3-cd)PYRENE	67.0	ND
NAPHTHALENE	168.0	ND
PHENANTHRENE	67.0	140.0
PYRENE	67.0	ND

SURROGATE RECOVERY	ACCEPTANCE LIMITS	RECOVERY
NITROBENZENE-D5	23%-120%	58%
2-FLUOROBIPHENYL	30%-115%	69%
TERPHENYL-D14	18%-137%	75%
PHENOL-D5	24%-113%	68%
2-FLUOROPHENOL	25%-121%	58%
2,4,6-TRIBROMOPHENOL	19%-122%	69%

ND-None Detected

ANALYST: B. BROKER
DATE EXTRACTED: 07/23/98
DATE ANALYZED: 08/20/98

Suzanne Howell, Laboratory Manager

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ENVIROSEARCH
ATTN: BRENDA ASHWORTH
1605 N. 13TH ST.
BOISE, IDAHO 83702

DATE COLLECTED: 07/16/98
TIME COLLECTED: 12:24
DATE RECEIVED: 07/16/98
DATE REPORTED: 07/22/98
SAMPLED BY: BRENDA ASHWORTH

Project: UOI CALDWELL
Source: UOIC-8 IMPACTED GRAB
Matrix: SOIL

METHOD - BTEX 8020

LAB SAMPLE NUMBER - 47274

ORGANIC CONTAMINANT		DATE ANALYZED	ANALYST	RESULTS
		07/21/98	B. BROKER	
BTEX	Benzene			<25.0 ppb
	Toluene			<25.0 ppb
	Ethlybenzene			<25.0 ppb
	Total Xylenes			100.0 ppb
	Naphthalene			440.0 ppb
	Methyl-t-Butyl Ether (MTBE)			<250.0 ppb

ppb = ug/kg

Suzanne Howell, Laboratory Manager

This report is for the exclusive use of the client(s) to whom it is addressed. It's disclosure to others for use in advertising is not authorized. These results refer only to the specific sample tested and no interpretation is intended or implied.

ALCHEM LABORATORIES

Alchem Laboratories, Inc.

104 West 31st Street
Boise, Idaho 83714

Phone (208) 336-1172
FAX (208) 336-7124

Water, Waste Water and Soil Analysis

LABORATORY REPORT

ENVIROSEARCH
ATTN: BRENDA ASHWORTH
1605 N. 13TH ST.
BOISE, IDAHO 83702

DATE COLLECTED: 07/16/98
TIME COLLECTED: 12:24
DATE RECEIVED: 07/16/98
DATE REPORTED: 07/22/98
SAMPLED BY: BRENDA ASHWORTH

Project: UOI CALDWELL
Source: UOIC-8 IMPACTED GRAB
Matrix: SOIL

LAB SAMPLE NUMBER - 47274

LABORATORY REPORT FOR PURGABLE HALOCARBONS BY 8010

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS
Vinyl Chloride	10.0	ND
1,1-Dichloroethylene	25.0	ND
1,1,1-Trichlorethane	25.0	ND
Carbon Tetrachloride	25.0	ND
1,2-Dichloroethane	25.0	ND
Trichloroethylene	25.0	ND
p-Dichlorobenzene	25.0	ND
Chlorobenzene	25.0	ND
o-Dichlorobenzene	25.0	ND
cis-1,2-Dichloroethene	25.0	ND
trans-1,2-Dichloroethene	25.0	ND
1,2-Dichloropropane	25.0	ND
Methylene Chloride	25.0	ND
Tetrachloroethene	25.0	ND
1,2,4-Trichlorobenzene	25.0	ND
1,1,2-Trichloroethane	25.0	ND

ND = None Detected

Date Analyzed: 07/21/98
Analyst: B. BROKER

Suzanne Howell, Laboratory Manager

REPORT CONT. NEXT PAGE

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Water, Waste Water and Soil Analysis

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS
THM'S (TRIHALOMETHANES)		
Bromodichloromethane	10.0	ND
Chlorodibromomethane	25.0	ND
Bromoform	50.0	ND
Chloroform	10.0	ND
TOTAL THM'S	50.0	ND

COMPOUND	METHOD DETECTION LEVEL (ug/kg)	ANALYTICAL RESULTS (ug/kg)
Bromobenzene	25.0	ND
Bromochloromethane	25.0	ND
Bromomethane	100.0	ND
Chloroethane	50.0	ND
Chloromethane	25.0	ND
2-Chlorotoluene	25.0	ND
4-Chlorotoluene	25.0	ND
1,2-Dibromo-3-Chloropropane	250.0	ND
1,2-Dibromoethane	75.0	ND
Dibromomethane	200.0	ND
1,3-Dichlorobenzene	25.0	ND
Dichlorodifluoromethane	25.0	ND
1,1-Dichloroethane	25.0	ND
1,3-Dichloropropane	25.0	ND
2,2-Dichloropropane	25.0	ND
1,1-Dichloropropene	25.0	ND
cis-1,3-Dichloropropene	25.0	ND
trans-1,3-Dichloropropene	25.0	ND
Hexachlorobutadiene	25.0	ND
1,1,1,2-Tetrachloroethane	25.0	ND
1,1,2,2-Tetrachloroethane	25.0	ND
1,2,3-Trichlorobenzene	25.0	ND
Trichlorofluoromethane	25.0	ND
1,2,3-Trichloropropane	25.0	ND

ND = None Detected

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Water, Waste Water and Soil Analysis

LABORATORY REPORT

RECEIVED
JUL 22 1998

ENVIROSEARCH
ATTN: BRENDA ASHWORTH
1605 N. 13TH ST.
BOISE, IDAHO 83702
SAMPLED BY: BRENDA ASHWORTH

DATE COLLECTED: 07/16/98
TIME COLLECTED: 12:24
DATE RECEIVED: 07/16/98
DATE REPORTED: 07/20/98

PROJECT: UOI CALDWELL
SOURCE: UOIC-8 IMPACTED GRAB
MATRIX: SOIL

LABORATORY REPORT FOR DBCP and EDB BY METHOD 8011 MOD.

LAB NO. 47274

COMPOUNDS	METHOD DETECTION LEVEL (ug/kg)	RESULTS (ug/kg)
Ethylene Dibromide (EDB)	0.5	ND
1,2-Dibromo-3-chloropropane (DBCP)	0.5	ND

ND = None Detected

Date Extracted: 07/17/98
Date Analyzed: 07/18/98
Analyst: J. DORMAN

Suzanne Howell, Laboratory Manager

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Boise, Idaho 83714

Phone (208) 336-1172
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Water, Waste Water and Soil Analysis

LABORATORY REPORT

ENVIROSEARCH
ATTN: BRENDA ASHWORTH
1605 N. 13TH ST.
BOISE, IDAHO 83702

DATE COLLECTED: 07/16/98
TIME COLLECTED: 12:24
DATE RECEIVED : 07/16/98
DATE REPORTED: 08/21/98
SAMPLED BY: BRENDA ASHWORTH

PROJECT: UOI CALDWELL
SOURCE: UOIC-8 IMPACTED GRAB
MATRIX: SOIL

PAH'S by METHOD 8270

LABORATORY SAMPLE NO: 47274

COMPOUND	METHOD DETECTION LIMIT (ug/kg)	ANALYTICAL RESULTS (ug/kg)
ACENAPHTENE	67.0	ND
ACENAPHTHYLENE	67.0	ND
ANTHRACENE	67.0	ND
BENZO(a)ANTHRACENE	67.0	ND
BENZO(a)PYRENE	67.0	ND
BENZO(b)FLUORANTHENE	67.0	ND
BENZO(ghi)PERYLENE	67.0	ND
BENZO(k)FLUORANTHENE	67.0	ND
CHRYSENE	67.0	ND
DIBENZO(a,h)ANTHRACENE	67.0	ND
FLUORANTHENE	67.0	ND
FLUORENE	67.0	ND
INDENO(1,2,3-cd)PYRENE	67.0	ND
NAPHTHALENE	168.0	ND
PHENANTHRENE	67.0	ND
PYRENE	67.0	ND

SURROGATE RECOVERY

	ACCEPTANCE LIMITS	RECOVERY
NITROBENZENE-D5	23%-120%	46%
2-FLUOROBIPHENYL	30%-115%	57%
TERPHENYL-D14	18%-137%	65%
PHENOL-D5	24%-113%	57%
2-FLUOROPHENOL	25%-121%	48%
2,4,6-TRIBROMOPHENOL	19%-122%	57%

ANALYST: B. BROKER
DATE EXTRACTED: 07/23/98
DATE ANALYZED: 08/20/98

ND-None Detected

Suzanne Howell, Laboratory Manager

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7-97

NAME	EnviroSearch
ATTENTION	Brenda Ahyarth
ADDRESS	1605 N. 13th St
CITY	Boise
STATE	ID
ZIP CODE	83702
PHONE #	345-8292
FAX #	344-8007
SAMPLER (S)	Brenda Ahyarth
PROJECT OR SITE	UOC - Caldwell
P.N. / P.O. NUMBER	

ALCHEM LABORATORIES

Alchem Laboratories, Inc.
104 West 31st Street
Boise, Idaho 83714
Phone (208) 336-1172

Chain of Custody Form

LAB NUMBER	DATE	TIME	SAMPLE IDENTIFICATION	MATRIX: WATER	MATRIX: SOIL	MATRIX: OTHER	TESTS (CIRCLE METHOD): TPH - 8015 MOD	TPH - 418.1	BTEX (602 / 8020) (+N +M)	CL. SOLVENTS (601 / 8010)	VOC's (601-602 / 8021)	GC-MS VOC's (624 / 8260)	PAH's (8270 / 8310)	PHENOLS (604 / 8040 / 8270)	PESTICIDES (608 / 8081 / 8270)	PCB's (608 / 8081)	SEMI-VOLATILES (625 / 8270)	TCLP-(DESIGNATE	8 RCRA METALS	RBCA - NO LEAD GAS BTEX+N+M (8020)	RBCA - LEADED GAS BTEX+N+M (8020), EDB (8011) EDC (8010)	RBCA - FUEL OILS BTEX (8020), PAH (8270)	RBCA - MOTOR OILS BTEX (8020), PAH (8270) CL. SOLVENTS (8010)	NUMBER OF CONTAINERS
47267	7/16/98	1130	UOIC-1 S. End diesel 6-5		X																	X		1
47268		1136	UOIC-2 N. End diesel 6-5		X																	X		1
47269		1150	UOIC-3 S. End Gas 6-5		X																X			1
47270		1200	UOIC-4 N. End Gas 6.5		X																X			1
47271		1215	UOIC-5 Clean Comp		X								X								X			1
47272		1218	UOIC-6 Clean Grab		X								X								X			1
47273		1220	UOIC-7 Impacted Comp		X								X								X			1
47274	7/16/98	1224	UOIC-8 Impacted. Grab		X								X								X			1
																					~~X~~ BA			

ORIGINAL

RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED BY (Signature)

Relinquished By (Signature)	Date/Time	Received for Laboratory By (Signature)	Date/Time	
	7/16/98 1500		7/16/98 15:00	Received With Seal Intact? ☒ Yes ☐ No Label Tag, COC Agree? ☒ Yes ☐ No

STATE OF IDAHO
DIVISION OF
ENVIRONMENTAL QUALITY

1445 North Orchard • Boise, Idaho 83706-2239 • (208) 373-0550

Dirk Kempthorne, Governor
C. Stephen Allred, Administrator

April 4, 2000

Clif Squires
Idaho Division of Public Works
502 North 4th Street
Boise, Idaho 83702

Re: Tier 2 Risked Based Corrective Action (RBCA) Report for University of Idaho Agricultural Research and Extension Center in Caldwell, Idaho

Dear Mr. Squires:

The Division of Environmental Quality (DEQ) has reviewed the Tier 2 RBCA Report, submitted by Maxim Technologies, Inc., for the University of Idaho Agricultural Research and Extension Center in Caldwell and concurs with Maxim's conclusion that additional remediation of petroleum hydrocarbons is not required for the former UST basin.

The twenty yards of petroleum impacted soils that were excavated and stockpiled at the site must be sampled, landfarmed, or transported to a land treatment facility in order to close the University of Idaho site.

DEQ appreciates your cooperation with this project. If you have questions or concerns, I may be reached at (208) 373-0510.

Sincerely,

Mark Van Kleek
Water Quality Science Officer

MVK:rsf H:\MARK\UOIAGCLD.WPD

cc: Ron Lane, DEQ, Boise Regional Office
Rick Jarvis, DEQ, State Office
Paul Spillers, Maxim Technologies, Inc.
Reading file

MAXIM TECHNOLOGIES INC

***MAXIM* Technologies, Inc.**
3380 Americana Terrace, Suite #201
P.O. Box 7777
Boise, Idaho 83707
Telephone: (208) 389-1030
Fax: (208) 389-1183

1924RPT.WP
9900648.100

March 31, 2000

RECEIVED
APR 03 2000
DIVISION OF
ENVIRONMENTAL QUALITY
BOISE REGIONAL OFFICE

Mr. Clif Squires
Idaho Division of Public Works
502 N. 4th Street
Boise, ID 83720

SUBJECT: Tier 2 Risk Based Site Assessment Report for University of Idaho Agricultural Research and Extension Center, Caldwell, Idaho

Dear Mr. Squires:

Enclosed is the completed Tier 2 Risk Based Site Assessment for the above referenced project. This site assessment was completed following the guidelines detailed in the Idaho Division of Environmental Quality (DEQ) RBCA Guidance Document for Petroleum Releases. The results of the risk assessment indicate that closure conditions have been met.

We appreciate the opportunity to be of continued service to Idaho Division of Public Works.

Respectfully submitted:

MAXIM TECHNOLOGIES, INC.

Paul T. Spillers, P.G.
Project Manager

for
Ron Phillips
Project Scientist

PTS\RP\pp

cc: Mark Van Kleek, Idaho DEQ

RISK BASED CORRECTIVE ACTION
TIER 2 ASSESSMENT
UNIVERSITY OF IDAHO AGRICULTURAL RESEARCH AND EXTENSION CENTER
16952 SOUTH 10TH AVENUE
CALDWELL, IDAHO

PROJECT NO. 9900648.100

Prepared for:

Idaho Division of Public Works
502 N. 4th Street
Boise, Idaho 83720

Prepared by:

Maxim Technologies, Inc.
P.O. Box 7777
3380 Americana Terrace, Suite 201
Boise, Idaho 83707
(208) 389-1030

March 31, 2000

RECEIVED
APR 0 3 2000
DIVISION OF
ENVIRONMENTAL QUALITY
BOISE REGIONAL OFFICE

TABLE OF CONTENTS

1.0 INTRODUCTION 1

2.0 TEXT 2

3.0 EXPLANATORY NOTES 2

4.0 REFERENCES 4

RBCA SUMMARY REPORT COVER SHEET AND CHECKLIST

RBCA SUMMARY REPORT WORKSHEETS 1 - 21, 23 and 26

RBCA SUMMARY REPORT ATTACHMENTS 1, 2, 3, 4, 7, 13 and 15

1.0 INTRODUCTION

Maxim Technologies, Inc. (Maxim) was retained by Idaho Division of Public Works to perform a Tier 2 Risk Assessment for the University of Idaho Agricultural Research and Extension Center located at 16952 South 10th Avenue in Caldwell, Idaho. The site consists of several hundred acres of land used for agricultural purposes.

One underground storage tank (UST) was located in the north central portion of the site. The UST was located near several outbuildings used for storage or equipment maintenance. However, the nearest buildings with regular use are at least 200 feet from the release. Preliminary soil sampling conducted by another consultant suggested that petroleum hydrocarbon impacted soil was located beneath the former UST. The purpose of this assessment was to evaluate the extent of any remaining contamination, and evaluate the current human health risk.

This Tier 2 Risk Assessment was performed in general accordance with the Risk Based Corrective Action Guidance Document for Petroleum Releases published by the Idaho Division of Environmental Quality (DEQ) in August, 1996. The majority of the data in this report is presented using worksheets provided in the above mentioned document. A general overview and summary are included as Section 2.0 of this report. Additional text to clarify data on some of the worksheets is included in Section 3.0.

A list of necessary attachments was referenced by the Guidance Document. These attachments are included in this report following the worksheets. The worksheets have been given the same numbering system as in the Guidance Document, even though some of the worksheets are not applicable to this site. Explanatory text for some of the attachments is also included in Section 3.0.

2.0 TEXT

On February 3, 1997, a 500-gallon UST containing gasoline was removed from the site. The tank contained perforations, and evidence of petroleum hydrocarbon impacted soil was identified beneath the tank. A total of 20 cubic yards of soil were removed from the excavation and left on site. In March 1997, a soil boring was advanced to evaluate the vertical extent of the release. Analytical laboratory test results indicated that gasoline constituents of concern were identified to the termination of the boring, at 47 feet below ground surface.

The current investigation included advancing a second exploratory boring in the former tank basin to a depth of 80 feet below ground surface. The purpose of the boring was to evaluate current concentrations of petroleum constituents in site soil below the depth of the 1997 boring. The current boring was completed below the groundwater table, and completed as a groundwater monitoring well. Groundwater was also sampled for gasoline constituents of concern, including BTEX, naphthalene, and MTBE.

Based on this risk assessment, and using average soil concentrations from soil samples collected in 1997 and 200, contaminants of concern are less than Tier 2 SSTLs for the viable pathways identified, including, soil volatilization to outdoor air, soil leaching to groundwater, and groundwater ingestion. Surface soil was removed in 1997, therefore impacts from surface soil were not considered. Soil volatilization to indoor air was not considered because the only building near the release point is an infrequently accessed storage shed. Results of groundwater sampling from the monitoring well indicated that groundwater constituents meet drinking water standards. It is Maxim's opinion that the site is suitable for closure with no additional activities.

3.0 EXPLANATORY NOTES

Worksheet 5a - Assumed groundwater flow direction to north/northwest. This mimics the surface topography, which slopes toward the Boise River, located about five miles north of the site.

Worksheet 13 - Results of soil sampling from drilling in February 2000 indicated that petroleum hydrocarbons were not detected. The results of the 1997 sampling were used to evaluate the risk to subsurface soil. This is conservative, because presumably soil concentrations have decreased between 1997 and 2000.

Worksheet 19 - For soil leaching to groundwater pathway we assumed low precipitation, groundwater class II, >40 feet to groundwater, and 200 feet from source to receptor.

Worksheet 23 - Representative concentrations determined by averaging soil values within impacted area (also shown as "mean concentration" on worksheet 13).

Prepared by:

Paul T. Spillers

Paul T. Spillers, P.G.
Project Manager

Reviewed by:

for

Ron Phillips
Project Scientist

4.0 REFERENCES

Envirosearch International, 1999. Preliminary Release Assessment Report, DPW Project No. 95-802: Underground Storage Tank Decommissioning at the University of Idaho Caldwell Research and Extension Center, Caldwell, Idaho. Letter Report to Idaho Division of Public Works dated August 17, 1999.

State of Idaho, Division of Environmental Quality, Remediation Bureau. Risk Based Corrective Action Guidance Document for Petroleum Releases. August 1996, with June, 1997 amendments.

RBCA SUMMARY REPORT **COVER SHEET AND CHECKLIST**

TIER 0 [ ] TIER 1 [ ] TIER 2 [X]

LUST ID: 9140235	FACILITY ID: 3-140235
Site Name: U of I Ag Research Center	Date Completed: March 22, 2000
Site Location: 16952 10th Avenue South	Completed By: Paul Spillers

ITEM	DESCRIPTION	TIER 0	TIER 1	TIER 2
WORKSHEET LIST				
Worksheet 1	Ownership and Site Description	[]	[]	[X]
Worksheet 2	UST/AST System Characterization	[]	[]	[X]
Worksheet 3	Release History	[]	[]	[X]
Worksheet 4a	Summary of Current and Potential Site Activities	[]	[]	[X]
Worksheet 4b	Tier 0 Data Summary	[]	[]	[X]
Worksheet 5	Hydrogeologic Assessment		[]	[X]
Worksheet 6	Beneficial Use Summary		[]	[X]
Worksheet 7	Water Well Inventory		[]	[X]
Worksheet 8	Receptor Survey		[]	[X]
Worksheet 9	Ecological Receptor Survey		[]	[X]
Worksheet 10	RBCA Site Classification Summary		[]	[X]
Worksheet 11	Baseline Exposure Flowchart		[]	[X]
Worksheet 12	Surface Soil Concentration Data Summary (<3' BGS)		[]	[X]
Worksheet 13	Subsurface Soil Concentration Data Summary (>3' BGS)		[]	[X]
Worksheet 14	Groundwater Concentration Data Summary		[]	[X]
Worksheet 15	Surface Water Assessment and Data Summary		[]	[X]
Worksheet 16	Vapor Assessment		[]	[X]
Worksheet 17	Miscellaneous Site Data Summary		[]	[X]
Worksheet 18	Tier 1 RBSL Evaluation: Surface Soil		[]	[X]
Worksheet 19	Tier 1 RBSL Evaluation: Subsurface Soil		[]	[X]
Worksheet 20	Tier 1 RBSL Evaluation: Groundwater		[]	[X]
Worksheet 21	Tier 2 Parameter Assessment Sheet			[X]

ITEM	DESCRIPTION	TIER 0	TIER 1	TIER 2
Worksheet 22	Tier 2 Surface Soil SSTL Values			[]
Worksheet 23	Tier 2 Subsurface Soil SSTL Values			[X]
Worksheet 24	Tier 2 Groundwater SSTL Values			[]
Worksheet 25	Tier 2 Baseline Risk Summary Table			[]
Worksheet 26	Conclusions and Recommendations	[]	[]	[X]
Worksheet 27	List of Attachments		[]	[X]
ATTACHMENT LIST				
Attachment 1	Site Plans		[]	[X]
Attachment 2	Vicinity Map		[]	[X]
Attachment 3	Map of Water Well Locations		[]	[X]
Attachment 4	Well Drillers Reports		[]	[X]
Attachment 5	Site Plan w/Sampling Locations	[]	[]	[]
Attachment 6	Geologic Cross-Sections		[]	[]
Attachment 7	Lithologic Log		[]	[X]
Attachment 8	Groundwater Elevation Map		[]	[]
Attachment 9	Soil Contaminant Concentration Maps		[]	[]
Attachment 10	Groundwater Contaminant Concentration Maps		[]	[]
Attachment 11	Time-Series Groundwater Data		[]	[]
Attachment 12	Soil Gas Survey/Vapor Concentration Map		[]	[]
Attachment 13	Summary Tables of all Analytical Results	[]	[]	[X]
Attachment 14	Summary Tables of all Gauging Data		[]	[]
Attachment 15	Copies of Analytical Reports	[]	[]	[X]
Attachment 16	Copies of Manifests, etc.		[]	[]
Attachment 17	Site Photos		[]	[]
Attachment 18	Modeling Documentation (Tier 2 Option 2 only)			[]

LUST ID: 9140235	FACILITY ID: 3-140235

OWNERSHIP AND SITE DESCRIPTION

LOCATION DESCRIPTION

Facility Name: U of I Ag Research Center

Address: 16952 10th Avenue South

Cross Street: Homedale Road

City: Caldwell

County: Canyon

Current Site Water Supply: On-site domestic well located approximately one-half mile south of UST site.

Notes:

SITE OWNERSHIP & ACTIVITY RECORD

Time Period		***Instructions:*** *Identify (past and present) property owner and operator. Describe past production and materials handling activities, waste disposal practices, and chemicals used.*
Begin	**End**	
1950's	Present	According to site representative, Cliff Tooley, U of I has owned the property since at least the 1950's.

UST/AST SYSTEM CHARACTERIZATION

Release Information

UST/AST System Status:
[ ] Active [ ] Permanently or Temporarily Out of Service
[X] Closed/Removed
Method of release discovery:
[X] UST Removal [ ] Release Detection Equipment
[ ] Divestiture Assessment [ ] Inventory Control
[ ] System Tightness Testing [ ] Other
Substance released (check all that apply)
[X] Gasoline [ ] Diesel [ ] Waste Oil
[ ] AV Gas [ ] Jet Fuel [ ] Hydraulic Fluid
[ ] Other-
Sources of Release(s): **Date Discovered: 2/97**
[ ] Spills/overfills
[ ] Piping _____
[ ] Dispenser _____
[X] Tank _____
[ ] Other

Other Comments:

Describe the measures taken to abate the release: Removed 20 cubic yards of soil.

If Release Is Spill:

Estimated Quantity Released
Areal extent (ft^2) 225 square feet
Depth 10 feet

Removal Information

Date(s) of removal(s): February 2, 1997
Type of Removal:
[X] Removal [ ] Closure in place
Water in tankhold during excavation? [ ] Yes [X] No
Depth of water in tankhold:
[ ] <5 ft. [ ] 5-10 ft. [ ] 11-15 ft. [ ] None
NAPL: [ ] Yes [X] No Thickness: (ft.):
Water excavated from tankhold? [ ] Yes [X] No
Groundwater recharged into tankhold: [ ] Yes [X] No
Depth (ft. BGS):_____
Status of excavation(s):
[ ] Open with water [ ] Open/dry
[ ] Backfilled & impervious cover
[X] Backfilled & no impervious cover
Type fill:
[ ] Untreated backfill [ ] Treated backfill[ ] Other
[X] Clean fill-gravel [ ] Clean fill -

Other Comments:

Provide the maximum contaminant concentrations milligrams per kilograms (mg/kg) of untreated backfill returned to the tankhold(s): Benzene_TEX____TPH__ OTHER_____N/A

If a new UST/AST system was installed describe & indicate on Attachment 1.

Maximum level of contamination detected in native soils upon completion of removal/repair (mg/kg):

Chemical of Concern	Sample Date	Sample Location/Depth	Laboratory Method Detection Limit (mg/kg)	Maximum Concentration (mg/kg)
Benzene	2/3/97	South end at 10' BGS	0.025	1.4
Toluene	2/3/97	South end at 10' BGS	0.025	99.5
Ethylbenzene	2/3/97	South end at 10' BGS	0.025	54.0
Xylenes	2/3/97	South end at 10' BGS	0.025	315.0
Naphthalene	2/3/97	South end at 10' BGS	0.250	36.8

Site Name: U of I Ag Research Center Site Location: Caldwell, Idaho

RELEASE/SOURCE AREA HISTORY		
Time Period		**Instructions:** Describe potential sources and spill events, including location type and estimated volume of materials stored or released, time and duration of release, and affected media (soil, ground water, etc.). Discuss past corrective actions efforts as appropriate.
Begin	**End**	
Unknown	2/97	UST was at least 20 years old. Tank was found to leak upon removal. 20 cubic yards of soil removed from UST excavation.

Site Name: U of I Ag Research Center	Date Completed: March 22, 2000
Site Location: Caldwell, Idaho	Completed By: Paul Spillers

SUMMARY OF CURRENT & COMPLETED AND POTENTIAL NEAR-TERM SITE ACTIVITIES

Typical site activities to be recorded include: *• Preliminary Site Assessment/Site Inspection • Emergency Response • Review Hazard Ranking System • Risk/Exposure Assessment • Remedy Selection • Remedy Implementation*

Types of sampling & testing include: *• Soil • Surface Water •Vapors*

Date Completed	Status of Task	Description of Task	Sampling and Testing Conducted
February 1997	[X] Completed [ ] Current [ ] Potential	UST removal. Minor soil contamination identified beneath tank. Remove 20 cubic yards of soil from excavation.	Soil sampling for BTEX, naphthalene, MTBE, EDB, EDC and TPH
March 1997	[X] Completed [ ] Current [ ] Potential	Advance soil boring in tank excavation to 47 feet BGS	Soil sampling for BTEX, naphthalene, and MTBE
January 2000	[ ] Completed [X] Current [ ] Potential	Advance another boring in tank excavation to 80 feet BGS, Complete as groundwater monitoring well	Soil and groundwater sampling for BTEX, naphthalene and MTBE

Site Name: U of I Ag Research Center	Site Location: Caldwell, Idaho
LUST ID: 9140235	Facility ID: 3-140235

TIER 0 DATA SUMMARY

Low precipitation (<15' inches/yr total annual) ? [X] High precipitation (>15' inches/yr) ? [ ]
Estimated Volume of Contaminated Soil Removed 20 cubic yards
Key excavation area # to locations indicated on map in Attachment 5.

Area	Size of Excavation(s) (ft.)			# Samples		COCs Sampled		
	Length	Width	Depth	Sidewalls	Bottom	[X]VOC's	[ ] PAH's	[ ] Other
	15	15	10			BTEX, Naphth-alene, MTBE		

Sample Summary

Area	Sample No.	Depth	Area	Sample No.	Depth

Do any samples exceed applicable Tier 0 cleanup levels? [X] Yes [ ] No
If yes, list sample # and analytical result and applicable Tier 0 concentration.

Note:

Worksheet 4b, Continued

Disposition of Excavated Soil

Soil Treated On - Site?	[X] Yes	[] No	Is treatment Complete? Soil remains stockpiled uncovered on site.
If No:	Yes	No	
Land Treatment?	[ ]	[ ]	Is treatment site approved?
Land Fill?	[ ]	[ ]	
Other:	[ ]	[ ]	

What is the final use of treated soil?
Discuss.
Soil remains on site.

HYDROGEOLOGIC ASSESSMENT

GROUNDWATER DATA AND EVALUATION

Groundwater affected by release: [X] Yes [ ] No

Site Hydrogeology	Upper Most Zone	Other
Depth to groundwater (ft.)	75	
Aquifer type (Perched, confined, unconfined)	unconfined	
*Estimated Aquifer thickness (ft.)	30-40	
*Water level fluctuation (±ft.)	unknown	
Gradient (ft./ft.)/Direction	assumed north/northwest	
*Saturated hydraulic conductivity (ft./day)	unknown	
*Approximate well yield	Not Measured	
Lithology	Alluvium	
Hydraulic conductivity test method:	[ ] grain [ ] slug test [ ] pump test [ ] other (specify)	[ ] grain [ ] slug test [ ] pump test [ ] other (specify)

Discussion:

Based on surface topography, groundwater flow is estimated to be toward the north/northwest.

AQUITARD/CONFINING LAYER (if known)

	Below First Encounter Water Unit	Above Primary Drinking Water Unit
Depth below grade (ft.)	Unknown	
Thickness (ft.)	Unknown	
Soil or rock type:		

Discussion:

Items not required for Tier 1 analysis.*

CURRENT GROUNDWATER QUALITY DATA		
	First Encountered Water Unit	**Primary Drinking Water Unit**
Total dissolved solids:(mg/l)	Not Tested	Not Sampled
Observed groundwater quality impact (Y/N):	Y	Not Sampled
Separate phase product present (Y/N):	N	Not Sampled
Off-site sources (Y/N, Identify below):	N	
Other water quality criteria:		
Groundwater Potable (Yes / No)?	Y (Assumed)	Y
Discussion:		

REFERENCE DOCUMENTS FOR SITE		
Title:	Author	Date Issued
See Text § 4.0		

Site Name: U of I Ag Research Center Site Location: Caldwell, Idaho

BENEFICIAL USE SUMMARY

The purpose of this worksheet is to identify existing and reasonable beneficial uses for land, groundwater, and surface water. These uses will help establish any existing or potential receptors.

Site Land Use

	Current	Potential	Prior
Residential	[ ]	[ ]	[ ]
Commercial/Industrial	[ ]	[ ]	[ ]
Wildlife Habitat	[ ]	[ ]	[ ]
Other: Agricultural	[X]	[X]	[X]

Other Comments

discuss options for listed items (including no anticipated future use)

Site used for agricultural research, surrounding area is sparsely populated agricultural land.

Notes:

Local Land Use

	Current	Potential	Prior
Residential	[X]	[X]	[]
Commercial/Industrial	[ ]	[ ]	[ ]
Wildlife Habitat	[ ]	[ ]	[ ]
Other:	[X]	[X]	[X]

Other Comments

discuss options for listed items (including no anticipated future use)

Notes: Land use north of the site is changing from agricultural to residential. Land use otherwise dominated by agriculture.

GROUNDWATER RESOURCES

First Encountered Groundwater

	Current	Potential
Domestic Supply	[ ]	[X]
Public/Municipal Supply	[ ]	[ ]
Industrial Process Supply	[ ]	[ ]
Agriculture	[X]	[X]
Other:	[ ]	[ ]

COMMENTS

Other Comments

discuss options for listed items (including no anticipated future use)

No known or anticipated use for the groundwater at the site.

Notes:

SURFACE WATER RESOURCES

	Current	Potential
Domestic Supply	[ ]	[ ]
Aquatic Life	[ ]	[ ]
Recreation	[ ]	[ ]
Wildlife Habitat	[ ]	[ ]
Other:	[ ]	[ ]

COMMENTS

discuss options for listed items (including no anticipated future use)

One small irrigation ditch is located approximately 250 feet north of the former UST site. The nearest known permanent surface water is Lake Lowell, located about 2.5 miles south of the site.

Notes:

Completed by: Paul Spillers Revision date: 2/18/00

WATER WELL INVENTORY

SUMMARY OF WELLS WITHIN 0.5 MILE RADIUS OF THE SITE

			Downgradient Direction (1/4 mile)		
	Total No.	**Active No.**	**Total No.**	**Active No.**	**No. Screened in Affected Aquifer**
Public/Municipal:	0	0	0	0	0
Industrial:	0	0	0	0	0
Domestic:	14	14	9	9	9
Agricultural:	1	1	1	1	1

Discussion: One well listed as domestic/agricultural. There were 14 total wells identified. All were assumed to be active.

POTENTIAL RECEPTOR POINTS

	Downgradient Water Wells		**Closest Downgradient Well Screened Within Affected Aquifer**	
Well No./Designation:	13		3	
Distance from Site (ft.).	300'		1,000'	
Total Well Depth (ft.)	230'		82'	
Current Use of Water:	not currently used		unknown	
Screened Interval below Ground Surface (ft):	218'-226'		Open hole below 80'	
Year Constructed:	1961			

	Downgradient Water Wells		**Closest Downgradient Well Screened Within Affected Aquifer**	
Well No./Designation:	same as above		same as above	
Distance from Site (ft.).				
Total Well Depth (ft.)				
Current Use of Water:				
Screened Interval below Ground Surface (ft):				
Year Constructed:				

Comments: *(Include discussion of any ordinances which prevent or influence the future installation of water wells at the site or surrounding area.)* Locations of potential receptor points should be keyed to site map. If no wells are located within ½ mile radius of the site, the closest reasonable placement for a future off-site well should be indicated.

RBCA SUMMARY REPORT **Worksheet # 8**

RECEPTOR SURVEY

Underground Utility Survey	**Other Comments:**
Nearest Underground Utility Name: Water line Type: Small lateral to outbuilding Depth of utility: Greater than 4 feet Distance & direction from affected zone: Adjacent to south side of UST excavation **Nearest Downgradient Utility** Name: Same Type: Distance & direction from affected zone:	*Discuss other receptors and indicate on Attachment. If affected discuss abatement measures. Indicate locations of utilities on Attachment 1.*
Building Survey	**Other Comments:**
Nearest Building Name: Shop outbuilding Type: Slab on grade Distance & direction from affected zone: 20 feet east of former UST **Nearest Downgradient Building** Name: Besides small outbuildings, no structures are present for about 350 feet downgradient Type: Distance & direction from affected zone:	*Discuss nearest and other receptors and indicate on Attachment 2. Buildings should include residences, schools, day care facility, nursing home, etc.* The buildings located near the former UST are unoccupied outbuildings, and not regularly used.
Surface Water Hydrology	**Other Comments:**
Nearest Surface Water Name: Seasonal irrigation ditch Type: Distance & direction from affected zone: Approx. 100 feet north of former UST. **Impacted Surface Water** Name: None Type: Distance & direction from affected zone: **Nearest Downgradient Surface Water** Name: Same as above Type: Distance & direction from affected zone: Same as above.	*If affected , or potentially affected, complete Worksheet 15.0. Describe potential for affected storm water or groundwater discharge to surface water feature.*

ECOLOGICAL RECEPTOR SUMMARY
Qualitative Ecological Impact Assessment

Site Name: U of I Ag Research Center	Site Location: Caldwell, Idaho
Date Conducted: 03/13/00	Completed by: Paul T. Spillers

Checklist for Potential Receptors and Habitat	Yes	No
■ Are ecologically important wetlands such as marshes, swamps, or riparian areas adjacent to the site?	[ ]	[X]
■ Are ecologically important aquatic habitats such as rivers, lakes, or streams adjacent to the site?	[ ]	[X]
■ Are ecologically important forested habitats adjacent to the site?	[ ]	[X]
■ Are ecologically important grassland habitats adjacent to the site?	[ ]	[X]
■ Are there federal or state rare threatened, or endangered species near the site?	[ ]	[X]
■ Are there one or more sensitive environments, such as critical habitat for endangered or threatened species or a national or state wildlife refuge near the site?	[ ]	[X]
■ Are commercially, recreationally, or ecologically important species present?	[ ]	[X]

[ ] YES = Complete exposure pathway evaluation below and description of potential receptors habitat characterizations and impacts on worksheet 9b. [X] NO = No further action.

Checklist of Exposure Pathways	Yes	No
■ Could contaminants reach receptors via groundwater?	[ ]	[ ]
Can contaminants leach or dissolve to groundwater?	[ ]	[ ]
Are contaminants mobile in groundwater?	[ ]	[ ]
Does groundwater discharge into habitats?	[ ]	[ ]
■ Could COC reach receptors via migration of NAPL?	[ ]	[ ]
Is NAPL present at the site?	[ ]	[ ]
Is NAPL migrating toward receptors?	[ ]	[ ]
Could NAPL discharge become exposed where receptors are located?	[ ]	[ ]
■ Could COC reach receptors via runoff?	[ ]	[ ]
Are contaminants present in surface soils?	[ ]	[ ]
Can contaminants be leached from or eroded with surface soils?	[ ]	[ ]
Is there a receptor located down gradient of the eroded surface soil?	[ ]	[ ]
■ Could COC reach receptor via direct contact?	[ ]	[ ]
Is the receptor located or using the area where the contaminant exists?	[ ]	[ ]
Is the location of contamination such that the receptor could contact it?	[ ]	[ ]
■ Could COC reach the receptor through inhalation via surface air or burrows?	[ ]	[ ]
Could the contaminant be volatilized or transported in air as a respirable particulate?	[ ]	[ ]
Is the airborne contaminant transported to the receptor?	[ ]	[ ]

Site Name: U of I Ag Research Center	Date Completed: March 22, 2000
Site Location: Caldwell, Idaho	Completed By: Paul T. Spillers

RBCA SITE CLASSIFICATION SUMMARY

Instructions: *Determine RBCA Site Classification using information in Tables 4-1 through 4-4 provided in RBCA Guidance Manual, follows:*

1. *Evaluate available information on site soils, vapors, groundwater, surface water, and miscellaneous impacts.*
2. *Record critical site classification scenario and initial response action in space provided.*
3. *As site evaluation progresses, update site classification as appropriate by repeating Steps 1 - 3, based upon additional site data or completion of corrective measure.*

Site Status		Potentially Impacted Media	Rationale for classification	Initial Response
Date	Initial Classification			
2,3/97	[ ] 1 [ ] 2 [X] 3 [ ] 4	Soil [X] Ground water [X] Vapor [ ] Surface Water [ ]	Petroleum constituents in soil to at least 47 feet BGS. Effects on groundwater unknown.	Notified DEQ of release. Excavated 20 cubic yards of impacted soil.
Revised Classification				
Date	Revised Classification			
2/00	[ ] 1 [ ] 2 [ ] 3 [X] 4	Soil [X] Ground water [ ] Vapor [ ] Surface Water [ ]	Additional soil sampling indicates that petroleum contaminant concentrations have decreased. Soil samples collected from exploratory boring were less than RBCA RBSLs. Constituents of concern in groundwater were less than MCLs. No potential receptors identified.	Prepare this RBCA assessment

Site Name: U of I Ag Research Center
Site Location: Caldwell, Idaho
Date Completed: March 22, 2000
Completed By: Paul T. Spillers

BASELINE EXPOSURE FLOWCHART

Instructions: *To characterize baseline exposure conditions, check boxes to identify applicable primary sources, secondary sources (affected media), potential transport mechanisms, and current or potential exposure pathways and receptors (■ = applicable to site). Identify type(s) of both on-site and off-site receptors, if applicable.*

PRIMARY SOURCES	SECONDARY SOURCES	TRANSPORT MECHANISMS	EXPOSURE PATHWAY	POTENTIAL RECEPTORS	COMPLETE PATHWAY?
■ Product Storage ☐ Piping/ Distribution ☐ Operations ☐ Waste Mgmt Unit ☐ Other:	☐ Affected Surface Soils (<3 ft depth)	☐ Wind Erosion and Atmospheric Dispersion	☐ SOIL Dermal Contact/ Ingestion/Inhalation	**Exposed Receptors** On-Site: ☐ Residential ☐ Commercial ■ N/A; ☐ Sensitive Habitat ☐ Recreation ☐ Other Off-Site: ☐ Residential ☐ Commercial ■ N/A; ☐ Sensitive Habitat ☐ Recreation ☐ Other	■ No ☐ Yes: ○ Current ☐ Potential ■ No ☐ Yes: ○ Current ○ Potential
	■ Affected Subsurface Soils (3 ≥ft depth)	■ Volatilization and Atmospheric Dispersion	■ AIR Inhalation of Vapor	**Exposed Persons** On-Site: ☐ Residential ☐ Commercial ☐ N/A; ☐ Sensitive Habitat ☐ Recreation ■ Other-Outside Worker Off-Site ☐ Residential ☐ Non-Resid. ■ N/A; ☐ Sensitive Habitat ☐ Recreation ☐ Other	☐ No ■ Yes: ○ Current ■ Potential ■ No ☐ Yes: ○ Current ○ Potential
	■ Dissolved Groundwater Plume	☐ Volatilization and Enclosed Space Accumulation			
		■ Leaching and Groundwater Transport	■ GROUNDWATER Potable Water Use	**Groundwater Users** On-Site: ☐ Residential ☐ Commercial ■ Other-worker ☐ N/A Off-Site ☐ Residential ☐ Commercial ☐ Other ■ N/A	☐ No ■ Yes: ○ Current ■ Potential ■ No ☐ Yes: ○ Current ○ Potential
	☐ Free-Phase Liquid Plume	☐ Mobile Free- Liquid Migration			
	☐ Affected Surface Soils, Sediments, or Surface Water	☐ Stormwater/ Surface Water Transport	☐ SURFACE WATER Recreational Use/ Sensitive Habitat	**Surface Water Users** On-Site: ☐ Residential ☐ Commercial ☐ Sensitive Habitat ☐ Recreation ☐ Other ■ N/A Off-Site: ☐ Residential ☐ Commercial ☐ Sensitive Habitat ☐ Recreation ☐ Other ■ N/A	■ No ☐ Yes: ○ Current ○ Potential ■ No ☐ Yes: ○ Current ○ Potential

Site Name: U of I Ag Research Center	Date Completed: March 22, 2000
Site Location: Caldwell, Idaho	Completed By: Paul T. Spillers

SURFACE SOIL CONCENTRATION DATA SUMMARY (≤ 3 FT BGS)

[ ] Present [X] Not Present [ ] Not Measured

Surface cover over affected soil zone: (check all that apply) [ ] Concrete [ ] Asphalt [ ] Gravel [ ] Dirt [ ] Grass [ ] Other

Percent of affected soil zone covered with impervious cover [ ] 0-25% [ ] 25-50% [ ] 50-75% [ ] 75-100%

If there is no impervious surface cover, is there public access to the affected surface (0-3) soil? [ ] Yes No [ ]

Affected soil thickness (ft.):	*Affected soil zone surface area dimensions (ft.):

Maximum depth of contamination exceeding appropriate Plan a risk-based levels: ft. BGS

Minimum distance from affected soil zone to property boundary: [ ] 0-10 ft [X] 10-50 ft. [ ] 50-100 ft. [ ] 100-300 ft.
[ ] 300-500 ft. [ ] >500 ft. [ ] Extends beyond property boundary.

Instructions: *Indicate type and concentrations of hazardous constituents detected in surface soil. Provide statistical data (maximum value, mean value, upper 95% confidence limit on mean) on detectable concentrations only. Do not include non-detects from outside of source zone. Select "representative concentration" value for comparison to cleanup standard (SSTL or RBSL) and calculation of baseline risk. Provide detailed lab data table(s) as Attachment 13 to this report and laboratory reporting sheets in Attachment 15.*

CONSTITUENTS DETECTED	ANALYTICAL METHOD		SAMPLE POPULATION		DETECTED CONCENTRATIONS			Selected Representative Conc. (mg/kg)
Name	Method No.	Typical Detection Limit (mg/kg)	No. of Samples	No. of Detects	Max. Conc. (mg/kg)	Mean. Conc. (mg/kg)	Upper 95% CL Conc. (mg/kg)	
Surface soil removed in February 1997.								

Site Name: U of I Ag Research Center	Date Completed: March 22, 2000
Site Location: Caldwell, Idaho	Completed By: Paul T. Spillers

SUBSURFACE SOIL CONCENTRATION DATA SUMMARY (>3 FT BGS)

Instructions: *Indicate type and concentrations of hazardous constituents detected in subsurface soil. Provide statistical data (maximum value, mean value, upper 95% confidence limit on mean) on detectable concentrations only. Do not include non-detects from outside of source zone. Select "representative concentration" value for comparison to cleanup standard (SSTL or RBSL) and calculation of baseline risk. Provide detailed lab data table(s) as Attachment 13 and label reporting sheets in Attachment 15.*

Affected Subsurface Soils (>3ft. BGS)

[X] Present
[ ] Not Present
[ ] Not Measured

If present, complete the following:

- Depth to top of affected soil (min. 3 ft, BGS) (ft) 10 • Maximum areal extent (ft^2): 350
- Depth to base of affected soil (ft, BGS): 40-estimated • Depth Below base of affected soil to GW (ft.) 35

CONSTITUENTS DETECTED	ANALYTICAL METHOD		SAMPLE POPULATION		DETECTED CONCENTRATIONS			Selected Representative Conc. (mg/kg)
Name	Method No.	Typical Detection Limit (mg/kg)	No. of Samples	No. of Detects	Max. Conc. (mg/kg)	Mean. Conc. (mg/kg)	Upper 95% CL Conc. (mg/kg)	
Benzene	8020	0.025	7	3	2.8	0.73		2.8
Toluene	8020	0.025	7	4	99.5	20.5		99.5
Ethylbenzene	8020	0.025	7	4	54.0	13.1		54.0
Xylenes	8020	0.025	7	6	544.0	154		544.0
Naphthalene	8020	0.025	7	7	36.8	12.8		36.8
MTBE	8020	0.025	7	3	1.2	0.4		1.2

RBCA SUMMARY REPORT **Worksheet # 14**

Site Name: U of I Ag Research Center	Date Completed: March 22, 2000
Site Location: Caldwell, Idaho	Completed By: Paul Spillers

GROUNDWATER CONCENTRATION DATA SUMMARY

Affected Groundwater

[X] Present [ ] Not Present [ ] Not Measured	*If present, complete the following:* • Maximum areal extent (ft^2) 350 • Length of plume (ft.): 20 •Depth to top of affected water-bearing unit (ft.BGS): 75 • Depth to base of plume (ft. BGS): _____ •Width of plume (ft): 20

Distance from edge of plume to property boundary if on site: [ ] < 10ft. [ ] 10-50ft. [ ]50-100ft [ ]100-300ft. [X] >300ft.
Distance from property boundary to edge of plume if off-site: Unknown [ ] < 10ft. [ ] 10-50ft. [ ]50-100ft [ ]100-300ft. [ ] >300ft.

Instructions: *Indicate type and concentrations of hazardous constituents detected in groundwater. Provide statistical data (maximum value, mean value, upper 95% confidence limit on mean) on detectable concentrations only. Do not include non-detects from outside of source zone. Select "representative concentration" value for comparison to cleanup standard (SSTL or RBSL) and calculation of baseline risk. Provide detailed lab data table(s) in Attachment 13 and lab reporting sheets in Attachment 15.*

CONSTITUENTS DETECTED		ANALYTICAL METHOD		SAMPLE POPULATION		DETECTED CONCENTRATIONS			Selected Representative Conc. (mg/ℓ)
Name	Time Period Represented by Samples	Method No.	Typical Detection Limit (mg/ℓ)	No. of Samples	No. of Detects	Max. Conc. (mg/ℓ)	Mean. Conc. (mg/ℓ)	Upper 95% CL Conc. (mg/ℓ)	
Xylenes	2/00	8020	0.5	1	1	0.007			0.007
Naphthalene	2/00	8020	0.5	1	1	0.003			0.003

SURFACE WATER ASSESSMENT AND DATA SUMMARY

SURFACE WATER DATA AND EVALUATION

Surface waters affected? Name:_____Type:_____

[ ] Yes [X] No Name: Type:

Mechanism of surface water impact. [ ] discharge from groundwater [ ] direct discharge

[ ] discharge from conveyance structure (canal/ditch)

NAPL present on surface water run off: [ ] Yes [X] No

NAPL recovery method: [ ] passive skimmer [ ] sorbent socks [ ] automated system
[ ] booms [ ] other [ ] none

Volumes recovered to date (gals.):	Aerial extent of NAPL plume ($ft.^2$):

Designated and existing beneficial uses of affected surface water:
[ ] domestic water supplies [ ] primary/secondary contact recreation
[ ] aquatic life [ ] other

Is a public or domestic surface water intake impacted or threatened: [ ] Yes [X] No

If impacted lake or pond, indicate affected surface area ($ft.^2$)

Average depth of surface water (ft.):

Maximum level of contamination detected in surface water (mg/ℓ):

Chemical of Concern	Sample Date	Sample Location/Depth	Analytical Method	Laboratory Method Detection Limit	Maximum Conc. (mg/ℓ)

Describe affected area, methods of determination and any abatement measures. Discuss the migration pathway between the source of contamination and the surface water body.

VAPOR ASSESSMENT AND DATA SUMMARY

VAPOR DATA AND EVALUATION

Known vapor impact: [ ] Yes [X] No

Location: [ ] ambient air [ ] utilities [ ] residences [ ] hospital
[ ] school/day care [ ] commercial building [ ] other_____

Lower Explosive Limit (LEL) concentrations: [X] not measured [ ] measured [ ] calculated[1]

NAPL present or soil concentration near saturation (for calculating soil vapor concentrations:
[ ] Yes [X] No Depth (ft. BGS): _____

Vapor monitoring data:

Sample No.	Location	Depth	% LEL	Total Organic Vapors (ppmv)	Benzene (ppmv)	Other

If vapor concentrations exceed 25% of the LEL or other potential for explosive vapor to exist in surface or subsurface structure, describe affected area, methods of determination, and any abatement measure. Identify and discuss any occupational or indoor air exposures to released contaminants. Provide all calculations for the determination of the target concentrations:

The nearest occupied building is located about 350 feet north of the release site. Vapor impacts to indoor air were not considered.

[1] LEL % should reflect whole mixture evaluation. If more than one compound is present, actual measurement of vapors will typically be warranted.

MISCELLANEOUS SITE DATA SUMMARY

NAPL PLUME

NAPL present? [ ] Yes [X] No	On-Site (Provide Well ID)	Thickness (ft.)	*Beyond Property Boundary (Provide Well ID)	Thickness (ft.)
Current maximum NAPL thickness (ft.):				
NAPL recovery method: [ ] hand bail [ ] passive skimmer [ ] sorbent socks [ ] automated system [ ] none				
Volume recovered to date (gals.):				
*Aerial extent of NAPL plume: (ft.^{2}) _____ [ ] beyond property boundary				
*Distance from edge of NAPL plume to property boundary if on site: [ ] < 10 ft. [ ] 10-50 ft. [ ] 50-100 ft. [ ] 100-300 ft. [ ] > 300 ft.				
*Distance from edge of NAPL plume from property boundary if off site: [ ] < 10 ft. [ ] 10-50 ft. [ ] 50-100 ft. [ ] 100-300 ft. [ ] > 300 ft.				

Biodegradation Indicators:
Present spatial distribution of dissolved Oxygen, CO2, CH4, Fe, SO or other alternate electron acceptors on isoconcentration map. (Attachment 11)

Geotechnical Soil Parameters:

Parameter	Result	Depth	Location/ Sample ID	Method of Determination
Dry Bulk Density (g/cm^3):				ASTM D854
Effective Porosity (%):				Calculation
Fraction Organic Carbon (g/g):				Walkley Black
Hydraulic Conductivity cm/s:				ASTM D5084
Water Content (cm/cm^3):				
Other:				

Site Name: U of I Ag Research Center	Date Completed: March, 2000
Site Location: Caldwell, Idaho	Completed By: Paul T. Spillers

TIER 1 RBSL EVALUATION: SURFACE SOIL (≤3 FT BGS)

Record site sample measurements for constituents of concern (COCs) and corresponding RBSL values. Note whether site concentration exceeds minimum RBSL values.

CONSTITUENTS OF CONCERN			Max Conc.	RBSL Results for Complete/Potentially Complete Exposure Pathways: Vapor Inhalation/ Soil Ingestion/Dermal	RBSL Exceeded?
Name	Residential	Commercial	(mg/kg)	(mg/kg)	[x] If yes
Surface soil removed in February 1997	[ ]	[ ]			[ ]
	[ ]	[ ]			[ ]
	[ ]	[ ]			[ ]
	[ ]	[ ]			[ ]
	[ ]	[ ]			[ ]
	[ ]	[ ]			[ ]
	[ ]	[ ]			[ ]
	[ ]	[ ]			[ ]
	[ ]	[ ]			[ ]
	[ ]	[ ]			[ ]
	[ ]	[ ]			[ ]

Site Name: U of I Ag Research Center
Site Location: Caldwell, Idaho

Date Completed: March, 2000
Completed By: Paul T. Spillers

TIER 1 RBSL EVALUATION: SUBSURFACE SOIL (>3 FT BGS)

Identify complete exposure pathways for site (■ = complete). Record maximum site sample measurements for constituents of concern (COCs) and corresponding RBSL values for complete pathways. Identify minimum RBSL value for COC. Note whether site concentration exceeds minimum RBSL value.

Constituents of Concern					RBSL Results for Complete/Potential Complete Exposure Pathways				
				Max Conc.	[X] Leaching Groundwater	[x]Vol. to Amb. Air.	[ ] Vol. to Indoor Air	Minimum RBSL Value	RBSL Exceeded?
Name	Residential	Commercial	On/Off Site	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	[x] If yes
Benzene	[ ]	[X]	On	2.8	17.5	78.1		17.5	[ ]
Toluene	[ ]	[X]	On	99.5	3809	>150		515	[ ]
Ethylbenzene	[ ]	[X]	On	54.0	6768	>127		152	[ ]
Xylenes	[ ]	[X]	On	544.0	110,099	>168		198	[X]
Naphthalene	[ ]	[X]	On	36.8	8825	>44		31	[ ]
MTBE	[ ]	[X]	On	1.2	161	>7,228		161	[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]

RBCA SUMMARY REPORT **Worksheet # 20**

Site Name: U of I Ag Research Center
Site Location: Caldwell, Idaho

Date Completed: March, 2000
Completed By: Paul T. Spillers

TIER 1 RBSL EVALUATION: GROUNDWATER

Instructions: *Specify target risk limits upon which Tier 1 risk-based screening levels are based. Identify complete exposure pathways for site (■ = complete). Record site sample measurements for constituents of concern (COCs) and corresponding RBSL values for complete pathways. Identify minimum RBSL value for COC. Note whether site concentration exceeds minimum RBSL value.*

Constituents of Concern				Max Conc.	RBSL Results for Complete/Potentially Complete Exposure Pathways (■ If Complete)				
					■ GW Ingestion	■ Vol. to Amb. Air.	Vol. to Indoor Air	Minimum RBSL Value	RBSL Exceeded?
Name	Residential	Commercial	On/Off Site	(mg/ℓ)	(mg/ℓ)	(mg/ℓ)	(mg/ℓ)	(mg/ℓ)	[x] If yes
Xylenes	[ ]	[X]	On	0.007	10	>198		10	[ ]
Naphthalene	[ ]	[X]	On	0.003	0.417	>31		0.417	[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]
	[ ]	[ ]							[ ]

Site Name: U of I Ag Research Center Site Location: Caldwell, Idaho

TIER 2 PARAMETER ASSESSMENT SHEET

Tier 2 Option Selected?	[ ]	Option 1 (Tier 1 Models with site-specific values)
	[ ]	Option 2 (Other models)

If Option 2, list alternate models and pathways evaluated. Provide documentation on SSTL development separately as an attachment.

		Units	Residential	Site Specific Value	Commercial	Site Specific Value
	Soil Parameters					
	total soil porosity		0.38		0.38	
BD	soil bulk density	g/cm^3	1.64		1.64	
foc	fraction organic carbon in soil: surficial soil	g-C/g-soil	0.01		0.01	
	subsurface soil and aquifer media		0.001		0.001	
ACcap	volumetric air content in capillary fringe soils		0.038		0.038	
MCcap	volumetric water content in capillary fringe soils		0.342		0.342	
ACv	volumetric air content in vadose zone soils					
	IR1		0.17		0.17	
	IR2		0.12		0.12	
MCv	volumetric water content in vadose zone soils					
	IR1		0.21		0.21	
	IR2		0.26		0.26	
IR	infiltration rate of water through soil	cm/yr				
	IR1		43		4.3	
	IR2		32.9		32.9	
Ls	depth to subsurface soil sources	cm	variable		variable	
	Groundwater Parameters					
Lgw	depth to groundwater = hcap + hv	cm	variable		variable	
MZgw	groundwater mixing zone thickness	cm	152		152	
	Groundwater Parameters Cont'd					
	GW2		3330		3330	
	GW3		5455		5455	
	GW4		138900		138900	
	Surface Parameters					
d	thickness of surficial soil	cm	92		92	

		Units	Residential	Site Specific Value	Commercial	Site Specific Value
Uair	wind speed above ground surface in ambient mixing zone	cm/s	225		225	
W	source width parallel to wind or ground water flow direction	cm	1500		1500	
A	contaminated area	cm^2	2250000		2250000	
MZair	ambient air mixing zone height	cm	200		200	
ACss	volumetric air content in surficial soils		0.17		0.17	
MCss	volumetric water content in surficial soils		0.21		0.21	
VF	averaging time for vapor flux	s	2.84e+08		1.26e+08	
	Building Parameters					
ER	enclosed space air exchange rate	s-1	0.00014		0.00023	
Lb	enclosed space volume/infiltration area ratio	cm	200		300	
Lcrk	foundation crack thickness	cm	15		15	
em	foundation crack fraction		0.01		0.01	
	Fate and Transport Parameters					
H	Henry's Law Constant	cm^3-H_2O/cm^3-air	Table 2-2		Table 2-2	
Koc	carbon-water sorption coefficient	cm^3-H_2O/g-C	Table 2-2		Table 2-2	
Kd	soil-water distribution coefficient	cm^3-H_2O/g-soil	Koc x foc		Koc x foc	
S	pure component solubility in water	mg/l	Table 2-2		Table 2-2	
Dair	diffusion coefficient, air	cm^2/s	Table 2-2		Table 2-2	
Dw	diffusion coefficient, water	cm^2/s	Table 2-2		Table 2-2	

Site Name: U of I Ag Research Center	Date Completed: March, 2000
Site Location: Caldwell, Idaho	Completed By: Paul T. Spillers

TIER 2 SUBSURFACE SOIL SSTL VALUES(> 3 FT BGS)

Instructions: *Record Site-Specific Target Level (SSTL) values for complete exposure routes for subsurface soils (>3 ft BGS). Identify minimum value for each constituent of concern (COC). Note whether representative concentration exceeds minimum SSTL value.*

		SSTL Results for Complete Exposure Pathways (■ If Complete)					
Constituents of Concern	**On-Site Off-Site**	**Representative Conc.**	**[■] Leaching to Groundwater**	**[■] Vol. to Amb. Air.**	**[ ] Vol. to Indoor Air**	**Minimum Value**	**SSTL Exceeded?**
Name		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	[x] If yes
Benzene	On	0.73	17.5	78.1		17.5	[ ]
Toluene	On	20.5	3809	>150		150	[ ]
Ethylbenzene	On	13.1	6768	>127		127	[ ]
Xylenes	On	154	110,099	>168		168	[ ]
MTBE	On	0.4	161	>7228		161	[ ]
Naphthalene	On	12.8	8825	>44		44	[ ]
							[ ]
							[ ]
							[ ]
							[ ]
							[ ]
							[ ]

LUST ID#: 9140235 Facility ID#: 3-140235

CONCLUSIONS

None of the constituents detected exceed Tier 2 levels for any of the pathways considered.

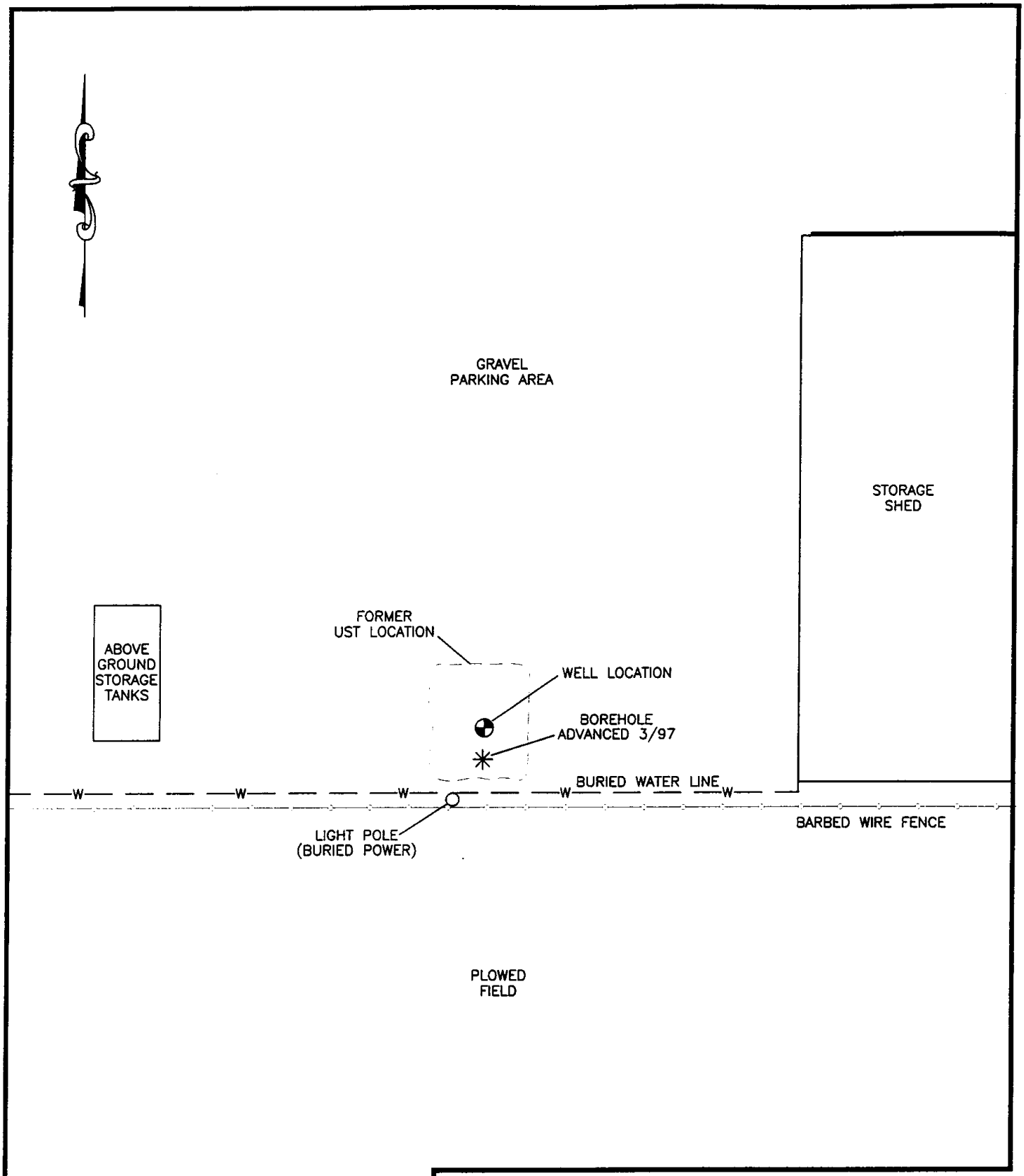
PROPOSAL FOR CORRECTIVE ACTION/SITE CLOSURE

The site appears suitable for closure.

ATTACHMENTS

Attachment 1

Site Maps



0 5 10 15 20

APPROXIMATE GRAPHIC SCALE (Feet)

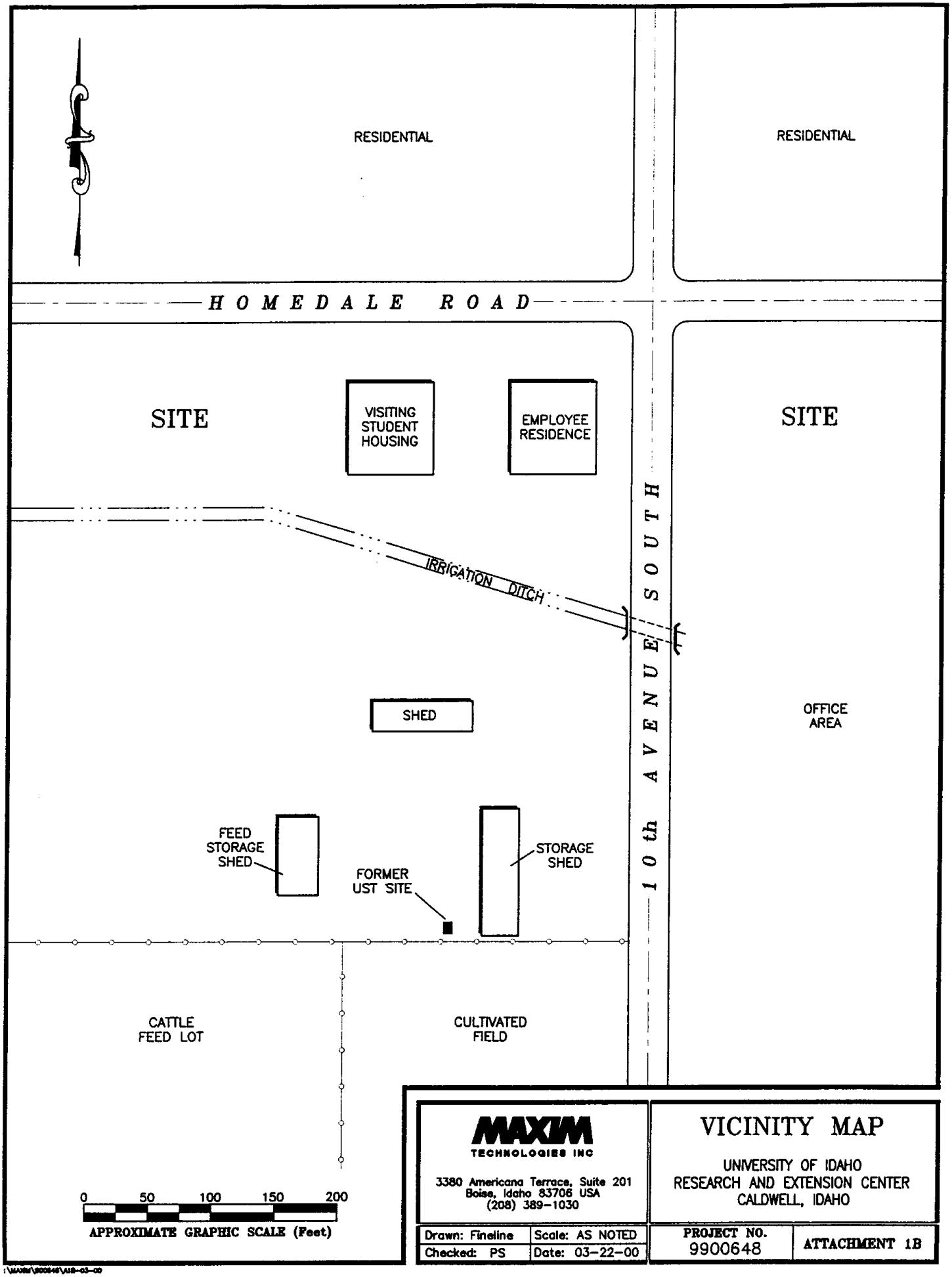
MAXIM TECHNOLOGIES INC
3380 Americana Terrace, Suite 201
Boise, Idaho 83706 USA
(208) 389-1030

SITE PLAN

UNIVERSITY OF IDAHO
RESEARCH AND EXTENSION CENTER
CALDWELL, IDAHO

Drawn: Fineline	Scale: AS NOTED	PROJECT NO. 9900648	ATTACHMENT 1A
Checked: PS	Date: 03-21-00		

I:\MAXIM\900648\A1A-03-00



MAXIM TECHNOLOGIES INC
3380 Americana Terrace, Suite 201
Boise, Idaho 83706 USA
(208) 389-1030

VICINITY MAP

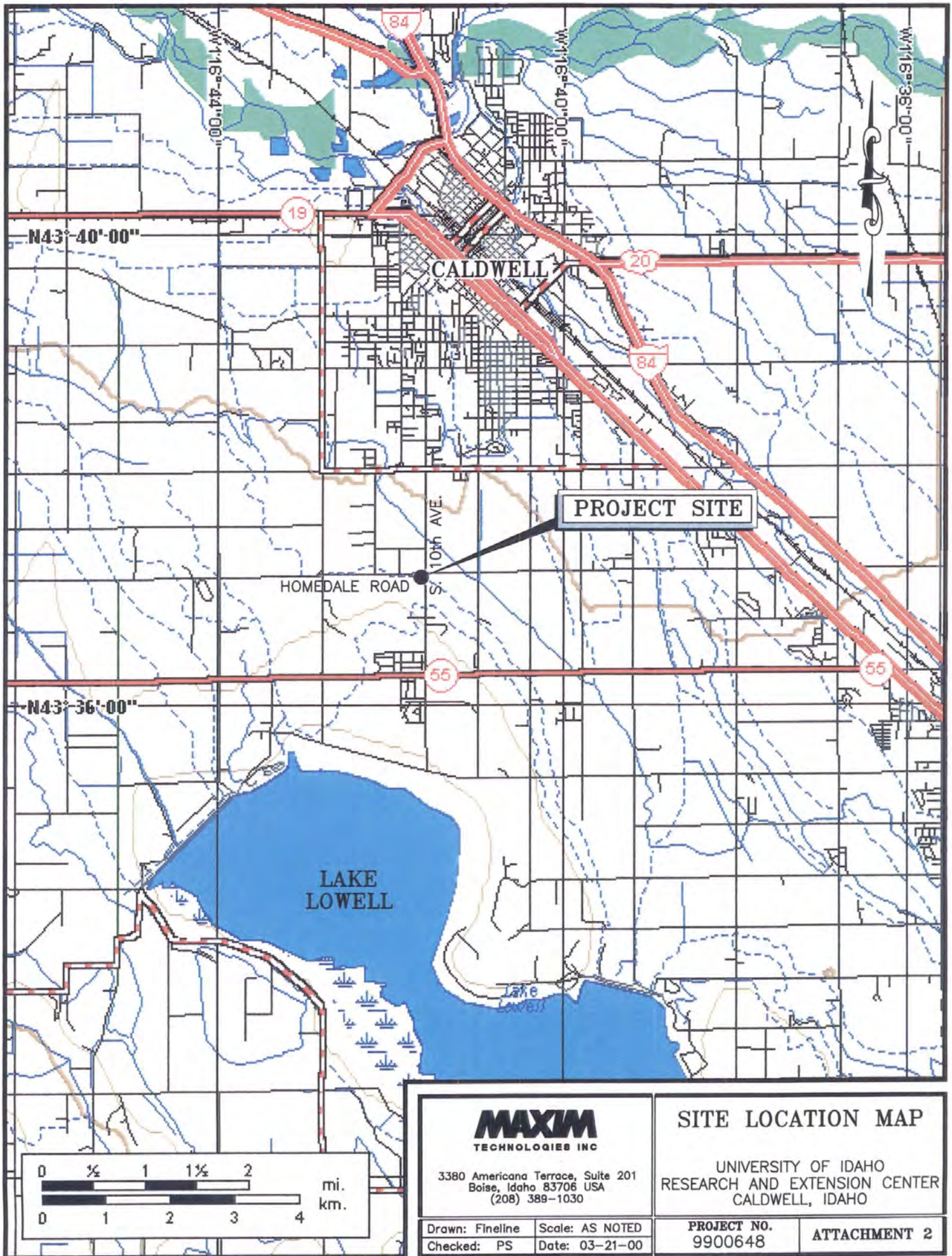
UNIVERSITY OF IDAHO
RESEARCH AND EXTENSION CENTER
CALDWELL, IDAHO

Drawn: Fineline	Scale: AS NOTED	PROJECT NO. 9900648	ATTACHMENT 1B
Checked: PS	Date: 03-22-00		

:\MAXIM\900648\ATT1B-03-00

Attachment 2

Vicinity Map



MAXIM TECHNOLOGIES INC

3380 Americana Terrace, Suite 201
Boise, Idaho 83706 USA
(208) 389-1030

SITE LOCATION MAP

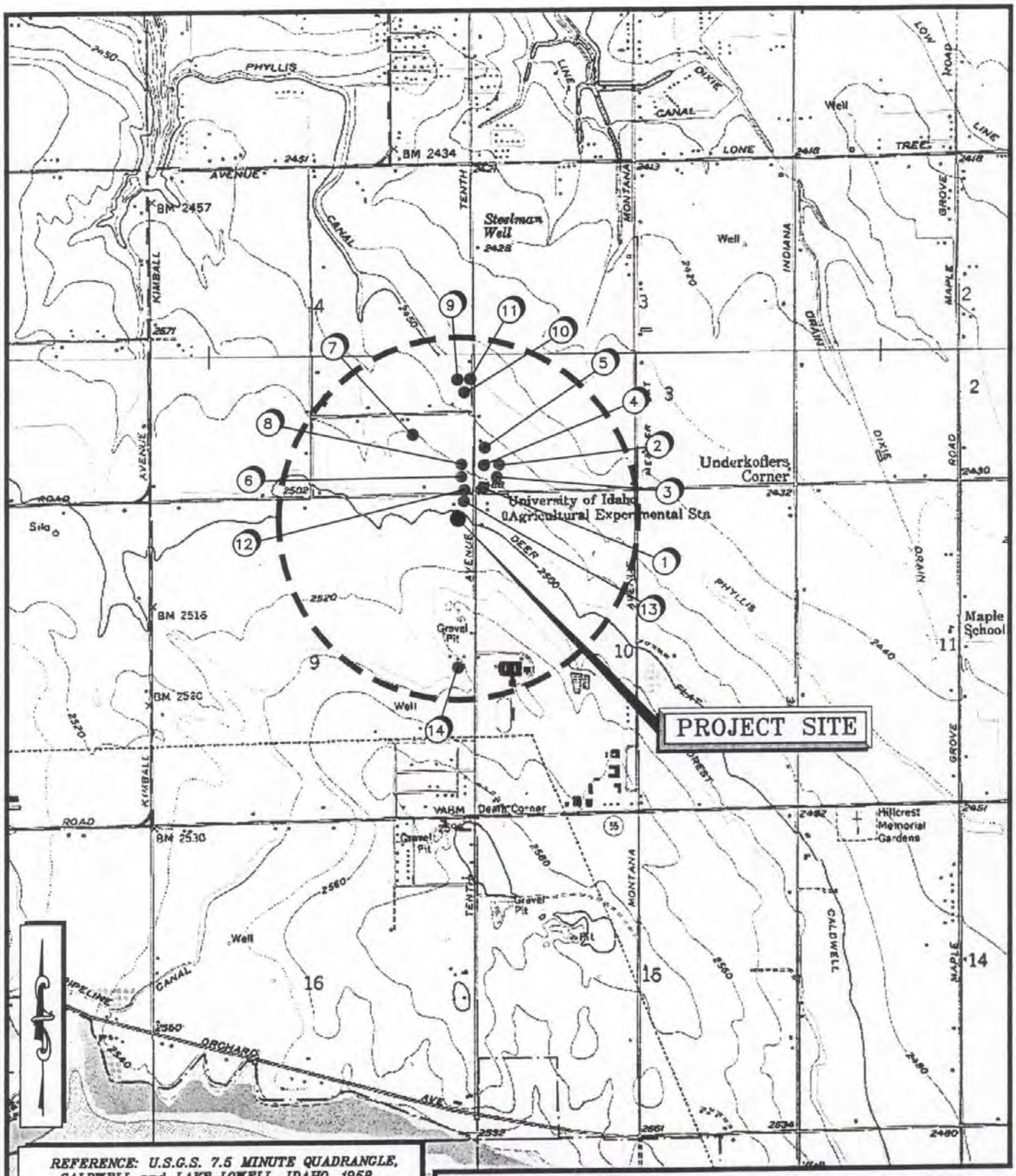
UNIVERSITY OF IDAHO
RESEARCH AND EXTENSION CENTER
CALDWELL, IDAHO

Drawn: Fineline	Scale: AS NOTED	PROJECT NO. 9900648	ATTACHMENT 2
Checked: PS	Date: 03-21-00		

: \MAXIM\900648\A2-03-00

Attachment 3

Map of Water Well Locations



REFERENCE: U.S.G.S. 7.5 MINUTE QUADRANGLE, CALDWELL and LAKE LOWELL, IDAHO, 1968, PHOTOREVISED 1971

SCALE 1 : 24,000

0 1/2 1 MILES

1000 0 1000 2000 3000 4000 FEET

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

MAXIM TECHNOLOGIES INC
3380 Americana Terrace, Suite 201
Boise, Idaho 83706 USA
(208) 389-1030

MAP OF WATER WELL LOCATIONS

UNIVERSITY OF IDAHO
RESEARCH AND EXTENSION CENTER
CALDWELL, IDAHO

Drawn: Fine Line	Scale: AS NOTED	PROJECT NO. 9900648	ATTACHMENT 3
Checked: PS	Date: 03-30-00		

I:\MAXIM\900648\F1-03-00

Attachment 4

Well Driller's Reports

(1)

WELL LOG AND REPORT OF THE STATE RECLAMATION ENGINEER OF IDAHO

Permit No. Well No. County Canyon

Owner Pennington Enoch

Address Rt. 5 Box 209 Caldwell

Driller William L. Doty

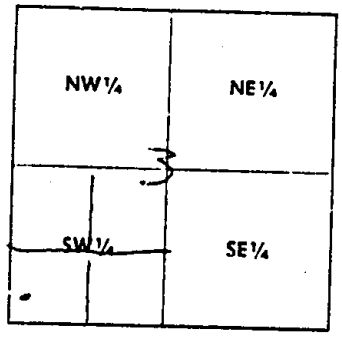
Address Rt. 5 Nampa

Well location SW ¼ SW ¼ Sec. 3, T. 3 N/S, R. 3 E/W

Size of drilled hole 6"

Total depth of well 63

Locate well in section



Give depth to standing water from the ground 11 Water temp. ____ °Fahr.

On "Pumping Test" delivery was 20 g.p.m. or ____ c.f.s. Drawdown was 17 feet.

Size of pump and motor used to make test 2½" Cylinder Pump

Length of time of test 2 hours 2 minutes.

If flowing well, give flow ____ c.f.s. or ____ g.p.m. and of shut off pressure ____

If flowing well, described control works (TYPE AND SIZE OF VALVE, ETC.)

Water will be used for Vet. Clinic Weight of casing per lineal foot 20#

Thickness of casing ¼ Casing material Steel (STEEL, CONCRETE, WOOD, ETC.)

Diameter, length and location of casing 6" - 61 ft. 1-6" above to 59-6

(CASING 12" IN DIAMETER OR LESS, GIVE INSIDE DIAMETER; CASING OVER 12" IN DIAMETER, GIVE OUTSIDE DIAMETER)

CASING RECORD

Diam. Casing	From Feet	To Feet	Length	Remarks—seals, grouting, etc.
6"	+1-6	59-6	61'	

Number and size of perforations None located ____ feet to ____ feet from ground

Date of commencement of well 3-30-63 Date of completion of well 4-3-63

NW SW S 3 3N 3W

cwbs.

WELL LOG

From Feet	To Feet	Type of Material	Water-bearing Formation Ans. Yes or No	Casing Perforated Ans. Yes or No
0	6	Top Soil & Hard Pan	No	No
6	27	Sand & Gravel	yes	No
27	55	Sand	yes	No
55	63	Clay	No	No
63	1-	Sand	Yes	No
		If more space is required use Sheet No. 2		

WELL DRILLER'S STATEMENT

This well was drilled under my supervision and the above information is true and correct to the best of my knowledge and belief.

Signed Jesse J. Doty

By William E Doty 159

Dated June 26, 1965.

License No. 45

(2)

Robert Tony
Caldwell

2 NATURE OF WORK

X New well ☐ Deepened ☐ Replacement

☐ Abandoned (Describe method of abandoning)

3 PROPOSED USE

X Domestic ☐ Irrigation ☐ Test ☐ (Other (specify type))

☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

4 METHOD DRILLED

X Cable ☐ Rotary ☐ Dug ☐ Other

5 WELL CONSTRUCTION

Diameter of hole 6" inches Total depth 135' feet

Casing is: ☐ Steel ☐ Concrete

Thickness	Diameter	From	To
.250 inches	6" inches	1' feet	130' feet
inches	inches	feet	feet
inches	inches	feet	feet
inches	inches	feet	feet
inches	inches	feet	feet

Was a packer or seal used? ☐ Yes X No

Perforated? ☐ Yes X No

How perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation ___ inches by ___ inches

Number	From	To
___ perforations	feet	feet
___ perforations	feet	feet
___ perforations	feet	feet

Well screen installed? ☐ Yes X No

Manufacturer's name ___

Type ___ Model No. ___

Diameter ___ Slot size ___ Set from ___ feet to ___ feet

Diameter ___ Slot size ___ Set from ___ feet to ___ feet

Gravel packed? ☐ Yes X No Size of gravel ___

Placed from ___ feet to ___ feet

Surface seal depth 20' Material used in seal ☐ Cement grout ☐ Puddling clay X Well cuttings

Sealing procedure used X Slurry pit ☐ Temporary surface casing ☐ Overbore to seal depth

7 WELL TEST DATA

☐ Pump ☐ Bailer X Other

Discharge G.P.M.	Draw Down	Hours Pumped
5 gpm	120'	10

9 LITHOLOGIC LOG

Dist.	Depth From	Depth To	Material	Water Yes	Water No
5/11	1	10	Topsoil & clay		X
5/11	10	20	clay into gravel	X	
6/11	20	30	Gravel		X
6/11	30	40	clay		X
6	40	50	Gravel, clay	X	
6	50	60	"		X
6	60	70	" clay		X
6	70	80	" clay	X	
6	80	90	Gravel, clay, boulders		X
6	90	100	Hard rock	X	
6	100	110	clay		X
6	110	120	Gravel, hard rock	X	
6	120	130	clay		X
6	130	140	clay	X	
6	140	150	Gravel, hard rock		X

8 LOCATION OF WELL

Sketch map location must agree with written location.

N / W / E / S

Subdivision Name NONE

Lot No. ___ Block No. ___

County CANYON

SW ¼ SW ¼ Sec. 3 T. 3N N/S, R. 3W E/W

10. Work started 12-16 finished 11-20-73

11 DRILLERS CERTIFICATION

Firm Name DTP Drilling Firm No. 254

Address 309 - 7th Ave. Nampa Date 12-3-73

Signed by (Firm Official) David Tri

and

(Operator) David Tri

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE COPY TO THE DEPARTMENT

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE, BLUE, AND PINK COPIES TO THE DEPARTMENT

(3)

T. A. - Logan

Department of Water Resources within 20

8. WELL TEST DATA

Pump ☐ Bailer ☒ Other

Discharge G.P.M.	Draw Down	Hours Pumped
75		1

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
8	0	18	top soil		X
8	18	20	sand		X
6	20	55	silt + clay		X
6	25	55	sand + gravel	X	
6	55	66	sand	X	
6	66	70	gravel	X	
6	70	82	gravel + sand	X	

7. WELL CONSTRUCTION

Casing diameter 6 inches Total depth 82 feet

Casing material: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
.25 inches	6 inches	1 feet	80 feet
inches	inches	feet	feet
inches	inches	feet	feet
inches	inches	feet	feet
inches	inches	feet	feet

Was casing drive shoe used? ☒ Yes ☐ No

Was a packer or seal used? ☐ Yes ☒ No

Perforated? ☐ Yes ☒ No

How perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation ____ inches by ____ inches

Number	From	To
perforations	feet	feet
perforations	feet	feet
perforations	feet	feet

Well screen installed? ☐ Yes ☒ No

Manufacturer's name ____

Type ____ Model No. ____

Diameter ____ Slot size ____ Set from ____ feet to ____ feet

Diameter ____ Slot size ____ Set from ____ feet to ____ feet

Gravel packed? ☐ Yes ☒ No Size of gravel ____

Placed from ____ feet to ____ feet

Surface seal depth 20 Material used in seal ☐ Cement grout ☒ Puddling clay ☒ Well cuttings

Sealing procedure used ☐ Slurry pit ☐ Temporary surface casing ☒ Overbore to seal depth

10. Work started 7-9-75 finished 7-11-75

6. LOCATION OF WELL

Sketch map location must agree with written location.

(63)

N / W / E / S

Subdivision Name ____

Lot No. ____ Block No. ____

County Canyon

SW ¼ SW ¼ Sec. 30 T. 3 N/S R. 3 E/W

11. DRILLERS CERTIFICATION

Firm Name Bill Doty Well Drilling Firm No. 42

Address Route 7 Caldwell Date 4-27-76

Signed by (Firm Official) Bill Doty

and

(Operator) Frank McClure

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE COPY TO THE DEPARTMENT

within 30 days after the completion or abandonment of the well. NOV 1 8 1988

Department of Water Resources

(4)

1. WELL OWNER

Name GARY ESKEW

Address 5315 Smyth, 10th Ave Caldwell

Owner's Permit No. 63-88-W-152 63-10611

2. NATURE OF WORK

[X] New well [ ] Deepened [ ] Replacement
[ ] Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE

[X] Domestic [X] Irrigation [ ] Test [ ] Municipal
[ ] Industrial [ ] Stock [ ] Waste Disposal or Injection
[ ] Other (specify type)

4. METHOD DRILLED

[X] Rotary [X] Air [ ] Hydraulic [ ] Reverse rotary
[ ] Cable [ ] Dug [ ] Other

5. WELL CONSTRUCTION

Casing schedule: [X] Steel [ ] Concrete [ ] Other

Thickness	Diameter	From	To
.250 inches	8 inches +	1 feet	140 feet
inches	inches	feet	feet
inches	inches	feet	feet
inches	inches	feet	feet

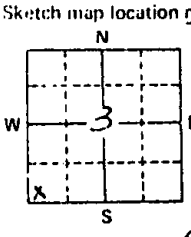
Was casing drive shoe used? [X] Yes [ ] No
Was a packer or seal used? [ ] Yes [X] No
Perforated? [ ] Yes [X] No
How perforated? [ ] Factory [ ] Knife [ ] Torch
Size of perforation ____ inches by ____ inches

Number	From	To
perforations	feet	feet
perforations	feet	feet
perforations	feet	feet

Well screen installed? [ ] Yes [X] No
Manufacturer's name
Type Model No.
Diameter Slot size Set from feet to feet
Diameter Slot size Set from feet to feet
Gravel packed? [ ] Yes [X] No [ ] Size of gravel
Placed from feet to feet
Surface seal depth 20 Material used in seal: [ ] Cement grout
[X] Bentonite [X] Puddling clay [ ]
Sealing procedure used: [ ] Slurry pit [ ] Temp. surface casing
[X] Overbore to seal depth
Method of joining casing: [ ] Threaded [X] Welded [ ] Solvent Weld
[ ] Cemented between strata
Describe access port SAN. Mky well cap

6. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name
Lot No. Block No.
County CANYON
SW ¼ SW ¼ Sec. 3, T. 3 N/S, R. 3 W/W.

7. WATER LEVEL

Static water level 60 feet below land surface.
Flowing? [ ] Yes [ ] No G.P.M. flow
Artesian closed-in pressure p.s.i.
Controlled by: [ ] Valve [ ] Cap [ ] Plug
Temperature °F. Quality
Describe artesian or temperature zones below

8. WELL TEST DATA

[ ] Pump [ ] Bailer [X] Air [ ] Other

Discharge G.P.M.	Pumping Level	Hours Pumped
300	120	2

9. LITHOLOGIC LOG

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
8	0	1	Top Soil		✓
	1	15	Brown Clay		✓
	15	21	Brown Sandy Clay		✓
	21	45	Sand & gravel		✓
	45	60	Sandy Brown Clay		✓
	60	67	Brown Sand & Clay	✓	
	67	80	Brown Clay		✓
	80	100	Yellow Sandy Clay		✓
	100	120	Fine Brown Sand	✓	
	120	135	Sandy Clay	✓	
	135	140	Brown Clay		✓
	140	155	White Sand	✓	

10. Work started 10-26-88 finished 10-27-88

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name SCOTT DRILLING 5412 LAKE AVE. Firm No. 327
Address CALDWELL, ID 83605 (208) 459-6686 Date
Signed by (Firm Official) James A. Scott
and
(Operator) James A. Scott

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

(5)

1. WELL OWNER
Name Joy Torrey
Address 455 3rd West Caldwell
Owner Well No. 65-88-Z-066

2. NATURE OF WORK
X New well ☐ Deepened ☐ Replacement
Abandoned (describe abandonment procedures, such as material used, plug depths, etc. in lithologic log)

3. PROPOSED USE
X Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other (specify type)

4. METHOD DRILLED
X Rotary X Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other

5. WELL CONSTRUCTION
Casing schedule: X Steel ☐ Concrete ☐ Other

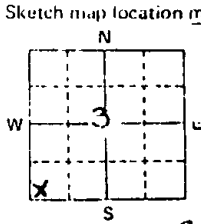
Thickness	Diameter	From	To
.250 inches	6 inches	0 feet	120 feet
inches	inches	feet	feet
inches	inches	feet	feet
inches	inches	feet	feet

Was casing drive shoe used? X Yes ☐ No
Was a packer or seal used? ☐ Yes X No
Perforated? ☐ Yes X No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation inches by inches

Number	From	To
perforations	feet	feet
perforations	feet	feet
perforations	feet	feet

Well screen installed? ☐ Yes X No
Manufacturer's name
Type Model No.
Diameter Slot size Set from feet to feet
Diameter Slot size Set from feet to feet
Gravel packed? ☐ Yes X No ☐ Size of gravel
Placed from feet to feet
Surface seal depth 20 Material used in seal: ☐ Cement grout
☐ Bentonite X Puddling clay ☐
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing
X Overbore to seal depth
Method of joining casing: ☐ Threaded X Welded ☐ Solvent Weld
☐ Cemented between strata
Describe access port

6. LOCATION OF WELL
Sketch map location must agree with written location.



Subdivision Name
Lot No. Block No.
County CANYON
SW ¼ SW ¼ Sec. 3 T. 3 N/S R. 3 E/W.

7. WATER LEVEL
Static water level 53' feet below land surface.
Flowing? ☐ Yes X No G.P.M. flow
Artesian closed in pressure p.s.i.
Controlled by ☐ Valve ☐ Cap ☐ Plug
Temperature of °F. Quality Good
* Use the space at right to estimate zones below

8. WELL TEST DATA
X Pump Bailer X Air ☐ Other

Discharge G.P.M.	Pumping Level	Hours Pumped
20	85	1

9. LITHOLOGIC LOG

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
	0	1	Top Soil		✓
	1	7	Hard pan		✓
	7	12	Sand		✓
	12	20	Brown clay		✓
	20	40	Sandy clay		✓
	40	50	Sand		✓
	50	70	Brown sandy clay		✓
	70	85	Sandy clay	✓	
	85	95	Brown clay		✓
	95	105	Sandy yellow sand	✓	
	105	117	Sandy clay	✓	
	117	120	Brown clay		✓
	120	123	Sand	✓	

10. Work started 5-26-88 finished 5-27-88

11. DRILLERS CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Firm Name SCOTT DRILLING CO Firm No. 327
Address CALDWELL, ID 83605 Date 6-1-88
Signed by (Firm Official) James A. Scott
and
(Operator) J. Scott

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name Jon Ball

Address Rt.8 Bx.469 Caldwell, ID. 83605

Owner's Permit No.

2. NATURE OF WORK

X New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)

3. PROPOSED USE

X Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste ☐ Disposal or Injection
☐ Other (specify type)

4. METHOD DRILLED

X Rotary X Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Casing schedule: X Steel ☐ Concrete ☐ Other

Thickness		Diameter		From		To	
.250	inches	6	inches	2	feet	118'9"	feet
	inches		inches		feet		feet
	inches		inches		feet		feet
	inches		inches		feet		feet

Was casing drive shoe used? X Yes ☐ No
Was a packer or seal used? ☐ Yes X No
Perforated? ☐ Yes X No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation inches by inches

Number		From	To
	perforations	feet	feet
	perforations	feet	feet
	perforations	feet	feet

Well screen installed? ☐ Yes X No
Manufacturer's name
Type Model No.
Diameter Slot size Set from feet to feet
Diameter Slot size Set from feet to feet
Gravel packed? ☐ Yes X No ☐ Size of gravel
Placed from feet to feet
Surface seal depth 20 Material used in seal: ☐ Cement grout X Puddling clay ☐ Well cuttings
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing X Overbore to seal depth
Method of joining casing: ☐ Threaded X Welded ☐ Solvent Weld ☐ Cemented between strata
Describe access port

6. LOCATION OF WELL

Sketch map location must agree with written location.

N / W / E / S

Subdivision Name
Lot No. Block No.
County CANYON
SE ¼ SE ¼ Sec. 4 T. 3 N/S. R. 3 E/W.

7. WATER LEVEL

Static water level 60 feet below land surface.
Flowing? ☐ Yes X No G.P.M. flow
Artesian closed-in pressure p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature °F. Quality

8. WELL TEST DATA

☐ Pump ☐ Bailer X Air ☐ Other

Discharge G.P.M.	Pumping Level	Hours Pumped
30		2

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
8	0	1	top soil		x
8	1	20	sand and gravel		x
6	20	30	sand and gravel		x
6	30	95	sand and clay layers	x	
6	95	108	clay		x
6	108	117	sand (12 gr.)	x	
6	117	130	clay		x
6	130		sand	x	

RECEIVED
APR 20 1982
Department of Water Resources
Western Regional Office

10.

Work started 3-17-82 finished 3-18-82

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name BILL DOTY WELL DRILLING Firm No. 42
Address RT.7 BX.311 CALDWELL Date 4-5-82
Signed by (Firm Official) Bill Doty
and
(Operator) Bill Doty

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

(7)

1. WELL OWNER

Name JOHN SORAN
Address Bear Lane, CALDWELL, IDAHO
Owner's Permit No. 63-88-Z-204

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as material, plug depths, etc. in lithologic log)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other (specify type)

4. METHOD DRILLED

☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary
☒ Cable ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other

Thickness	Diameter	From	To
.322 inches	6 inches	+ 1 feet	120 feet
inches	inches	feet	feet
inches	inches	feet	feet
inches	inches	feet	feet

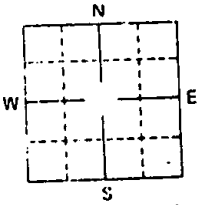
Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation inches by inches

Number	From	To
perforations	feet	feet
perforations	feet	feet
perforations	feet	feet

Well screen installed? ☐ Yes ☒ No
Manufacturer's name Model No.
Type
Diameter Slot size Set from feet to feet
Diameter Slot size Set from feet to feet
Gravel packed? ☐ Yes ☒ No ☐ Size of gravel
Placed from feet to feet
Surface seal depth 20 Material used in seal: ☐ Cement grout ☐ Bentonite ☒ Puddling clay ☐
Sealing procedure used: ☐ Slurry pit ☒ Temp. surface casing ☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata
Describe access port

6. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name Orchard Heights Subdv.
W 159.5' & E 319' of
Lot No. 3 Block No.
County CANYON
Part of SE¼ SE¼ NW¼ Sec. 4 T. 3 N. R. 3 W.

7. WATER LEVEL

Static water level 35 feet below land surface.
Flowing? ☐ Yes ☐ No G.P.M. flow
Artesian closed-in pressure p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature °F. Quality FRESH
Describe artesian or temperature zones below

8. WELL TEST DATA

☐ Pump ☐ Bailer ☒ Air ☐ Other

Discharge G.P.M.	Pumping Level	Hours Pumped
2.0	65	4

9. LITHOLOGIC LOG

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
6	0	2	DRK CLAY		
	2	8	FINE SAN		
	8	25	GRAVEL		
	25	45	BROWN SAND		
	45	70	BROWN SAND COARSE		
	70	80	BROWN CLAY		
	80	105	BROWN SAND & GRAVEL		
	105	120	BROWN CLAY		
	120		BROWN SAND		

10. Work started NOV 15 1988 finished NOV 21 1988

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
AVENUE METAL
Firm Name WELL DRILLING Firm No. 93
Address RT 1 BOX 2 NAMPA IDAHO Date NOV 27 88
Signed by (Firm Official) KENNETH MILLER
and
(Operator)

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name Mike CAYLOR

Address 10th Ave & Ft Lane Caldwell

Owner's Permit No.

2. NATURE OF WORK

[X] New well [ ] Deepened [ ] Replacement
[ ] Abandoned (describe method of abandoning)

3. PROPOSED USE

[X] Domestic [ ] Irrigation [ ] Test [ ] Municipal
[ ] Industrial [ ] Stock [ ] Waste Disposal or Injection
[ ] Other (specify type)

4. METHOD DRILLED

[X] Rotary [X] Air [ ] Hydraulic [ ] Reverse rotary
[ ] Cable [ ] Dug [ ] Other

5. WELL CONSTRUCTION

Casing schedule: [X] Steel [ ] Concrete [ ] Other

Thickness	Diameter	From	To
.250 inches	6 inches	1 feet	220 feet
.250 inches	5" inches	215 feet	225 feet
inches	inches	feet	feet
inches	inches	feet	feet

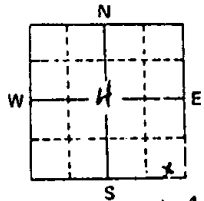
Was casing drive shoe used? [X] Yes [ ] No
Was a packer or seal used? [X] Yes [ ] No
Perforated? [ ] Yes [X] No
How perforated? [ ] Factory [ ] Knife [ ] Torch
Size of perforation inches by inches

Number	From	To
perforations	feet	feet
perforations	feet	feet
perforations	feet	feet

Well screen installed? [X] Yes [ ] No
Manufacturer's name Cook - 304
Type Telescope Model No. 304
Diameter Slot size Set from 225 feet to 230 feet
Diameter Slot size Set from feet to feet
Gravel packed? [ ] Yes [X] No [ ] Size of gravel
Placed from feet to feet
Surface seal depth 20 Material used in seal: [ ] Cement grout [X] Puddling clay [ ] Well cuttings
Sealing procedure used: [ ] Slurry pit [ ] Temp. surface casing [X] Overbore to seal depth
Method of joining casing: [ ] Threaded [X] Welded [ ] Solvent Weld [ ] Cemented between strata
Describe access port Sanitary Seal

6. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name
Lot No. Block No.
County CANYON
SE ¼ SE ¼ Sec. 4 T. 3 N/A R. 3 E/W.

7. WATER LEVEL

Static water level 45 feet below land surface.
Flowing? [ ] Yes [X] No G.P.M. flow
Artesian closed in pressure p.s.i.
Controlled by: [ ] Valve [ ] Cap [ ] Plug
Temperature of. Quality Good

8. WELL TEST DATA

[ ] Pump [X] Bailer [ ] Air [ ] Other

Discharge G.P.M.	Pumping Level	Hours Pumped
25	80	2

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
	0	1	Top Soil		✓
	1	4	Brown Sandy dirt		✓
	4	7	Hard Pan		✓
	7	12	Brown Sand		✓
	12	18	Clay - Brown		✓
	18	23	" "		✓
	23	40	gravel & Sand		✓
	40	58	" "		✓
	58	70	Yellow Sand		✓
	70	90	Brown Sandy clay		✓
	90	100	Yellow Sand		✓
	100	120	Brown Sand		✓
	120	125	Brown Clay		✓
	125	135	Yellow Sand	✓	
	135	165	Layer - Sand - Clay	✓	
	165	185	" " "	✓	
	185	190	Brown Clay		✓
	190	200	Yellow Sand	✓	
	200	220	Brown Sand	✓	
	220	223	Clay		✓
	223	13-	White Sand	✓	

10. Work started 4-6-89 finished 4-10-89

11. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name SCOTT DRILLING Firm No. 327
Address CALDWELL, ID Date 4-12-89
Signed by (Firm Official) John Gleason
and
(Operator) John Gleason

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

(G)

Form 238 /
6/93

FEB 14 1994

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Use Typewriter or Ball Point Pen

FEB 18 1994

1. DRILLING PERMIT NO. 63-94-C-0072-000
Other IDWR No.

2. OWNER:
Name Robert Howard
Address 3015 S. Ohio Ave.
City Caldwell State ID Zip 83605

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

T. 3 North X or South ☐
R. 3 East ☐ or West X
Sec. 4 NE 1/4 SE 1/4
Gov't Lot ____ County ____

Address of Well Site 209 Pat Lane off 10th St. Caldwell
(Give at least Direction + Distance to Road or Landmark)

Lot No. ____ Block No. ____ Subd. Name ____

4. PROPOSED USE:
X Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other ____

5. TYPE OF WORK
X New Well ☐ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD
☐ Mud Rotary X Air Rotary ☐ Cable ☐ Other ____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
Bentonite	0	30	6	Over Bore

Was drive shoe seal tested? X Y ☐ N ☐ How? Cleaned Hole Dry

8. CASING/LINER:

Diameter	From	To	Gauge	Casing	Liner	Steel	Plastic	Welded	Threaded
6	+1	80	.250	X		X	☐	X	☐
						☐	☐	☐	☐
						☐	☐	☐	☐

Final location of shoes ____
Top Packer or Headpipe 10' Bottom Tailpipe ____

9. PERFORATIONS/SCREENS
☐ Perforations Method ____
X Screens Type T&C Material S.S.

From	To	Slot Size	Number	Diameter	Tele/Pipe Size	Casing	Liner
95	90	10		5	6	X	☐
						☐	☐
						☐	☐

10. WELL TESTS: ☐ Pump ☐ Bailer X Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Pumping Depth	Time
40	10'	90	4 HRS

Temperature of water ____ Was a water analysis done? Yes ☐ No ☐
By whom? ____
Water Quality (odor, etc.) ____
Bottom Hole Temperature ____

11. STATIC WATER LEVEL:
60 ft. below surface Depth artesian flow found ____
Artesian pressure ____ lb. Describe access port ____
Describe Controlling Devices: Well Cap

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia	From	To	Remarks: Lithology, Water Quality & Temperature	GPM	SWL
8	0	3	Top Soil		
8	3	20	Gravel		
6	20	40	Sand / Gravel		
6	40	50	Brown Clay		
6	50	75	Sand		
6	75	87	Brown Clay		
6	87	100	Sand - Gravel	40	

RECEIVED
FEB 11 1994
WATER RESOURCES
WESTERN REGION

Date Started 2-4-94 Completed 2-4-94

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Knie Well & Pump Firm No. 417
Firm Official Mike Knie Date 2-9-94
and
Supervisor or Operator Ron Ransom Date 2-4-94
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

10

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT
C
Use Typewriter or Ballpoint Pen

Office Use Only
Inspected by _____
Twp ____ Rge ____ Sec ____
____ 1/4 ____ 1/4 ____ 1/4
Lat: ____ Long: ____

1. DRILLING PERMIT NO. 63-99 W. 0100-000 Tag # D 0009198
Office ID/WR No

2. OWNER:
Name Gary Hartwig
Address Rt 1 Box 1335
City Homedale State Id Zip 83628

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S

Twp. 3 North X or South
Rge. 3 East or West X
Sec. 4 1/4 NE 1/4 SE 1/4 (Quarter, Quarter-Quarter)
Gov't Lot ____ County Canyon
Lat: ____ Long: ____
Address of Well Site 183 Gold Strike Court City Caldwell
(Nearest Intersection of Local Roads or Distance from Known Landmark)

Lt. 2 Blk. 2 Sub. Name ____

4. USE:
X Domestic Municipal Monitor Irrigation
Thermal Injection Other ____

5. TYPE OF WORK check all that apply (Replacement etc.)
X New Well Modify Abandonment Other ____

6. DRILL METHOD
Air Rotary X Cable Mud Rotary Other ____

7. SEALING PROCEDURES

SEAL OR FILTER PACK Material	From	To		METHOD
Bentonite	0	32	14 Sacks	Poured down Annular Space

Was drive shoe used? X Y N Shoe Depth(s) ____
Was drive shoe seal tested? Y X N How? ____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+3	166	250	Steel	X		X	
5"	161	161	250	Steel		X	X	
5"	176.5	180	250	Steel		X	X	

Length of Headpipe 6' Length of Tailpipe 3.5'

9. PERFORATIONS/SCREENS
Perforations Method ____
X Screens Screen Type Houston Stainless Steel

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
167	177.5	18	na	5"	Stainless		X

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
35 ft. below ground Artesian pressure NA lb.
Depth flow encountered 167 ft. Describe access port or control devices: unbolt well cap

11. WELL TESTS:
X Pump Bailer Air Flowing Artesian

Gals/Minute	Drawdown	Pumping Level	Time
50	3'	38'	4 hrs

Water Temp. 65° Bottom hole temp. 65°
Water Quality test or comments: Good
Depth first Water Encountered 60'

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
8	0	1	Top Soil		✓
8	1	3	Dirt		
8	3	8	Hard pan		
8	8	32	Dirty Gravel		
6⅝	32	38	Yellow Clay with rocks		
↑	38	48	Yellow Clay		✓
	48	60	Sandy Yellow Clay	✓	
	60	69	Dirty Sand		✓
	69	73	Yellow Clay	✓	
	73	75	Sand		✓
	75	87	Yellow Clay		✓
	87	100	Dirty Sand		✓
	100	118	Good Yellow Clay		✓
	118	134	Sandy Clay		✓
	134	148	Yellow Clay		✓
	148	154	Stickey Yellow Clay	✓	
	154	155	Sand		✓
	155	156	Yellow Clay	✓	
	156	157	Black and White Sands		✓
↓	157	159	Yellow Clay	✓	
6⅝	159	177	White medium clean sand		✓
6"	177	180	Yellow Clay		

RECEIVED RECEIVED
MAY 11 1999 MAY 06 1999
Department of Water Resources WATER RESOURCES WESTERN REGION

Completed Depth 180' (Measurable)
Date: Started 2-15-99 Completed 4-23-99

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name A-1 Inc Firm No. 566
Firm Official Russell A. Johnston Date 5-1-99
and
Supervisor or Operator ____ Date ____
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

Form 238-7
3-95

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Use Typewriter or Ballpoint Pen

Office Use Only
Inspected by _____
Twp ____ Rge ____ Sec ____
____1/4 ____1/4 ____1/4
Lat: : : Long: : :

1-16 Decree 15 AF

1. DRILLING PERMIT NO. 63-97-W-0879-000
Other IDWR No

2. OWNER:
Name Shane Juul
Address 103 Cove Dr.
City Driggs State Id Zip 83422

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S

Twp. 3 North X or South
Rge. 3 East or West X
Sec. 11 1/4 NE 1/4 SE 1/4
Gov't Lot ____ County Teton
Lat: : : Long: : :
Address of Well Site SAME
City
(Nearest Name of road + Distance to Road or Landmark)
Lt. ____ Blk. ____ Sub. Name ____

4. USE:
X Domestic Municipal Monitor Irrigation
Thermal Injection Other ____

5. TYPE OF WORK check all that apply (Replacement etc.)
X New Well Modify Abandonment Other ____

6. DRILL METHOD
X Air Rotary Cable Mud Rotary Other ____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
BENTONITE	0	20	200 #	

Was drive shoe used? X Y N Shoe Depth(s) ____
Was drive shoe seal tested? X Y N How? AIR

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6	+2	135	250	STEEL	X			

Length of Headpipe ____ Length of Tailpipe ____

9. PERFORATIONS/SCREENS
Perforations Method ____
Screens Screen Type ____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
42 ft. below ground Artesian pressure ____ lb.
Depth flow encountered ____ ft. Describe access port or control devices: ____

11. WELL TESTS:
Pump Bailer X Air Flowing Artesian

Yield gal/min	Drawdown	Pumping Level	Time
25 GPM			

Water Temp. ____ Bottom hole temp. ____
Water Quality test or comments: ____
Depth first Water Encountered ____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
8	0	1	TOP SOIL		X
	1	48	SAND/GRAVEL		X
6	48	60	SAND	X	
	60	120	SAND/CLAY LAYERS		X
	120	124	CLAY		X
	124	134	SAND	X	
	134	145	HARD CLAY		X
	145	150	SAND/SHALE	X	

RECEIVED FEB 10 1998 Department of Water Resources
RECEIVED FEB 05 1998 WATER RESOURCES WESTERN REGION

Completed Depth 150 (Measurable)
Date: Started 12-19-97 Completed 12-20-97

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name DAVIS WELL DRILLING Firm No. 101
Firm Official Chuck Davis Date 2-3-98
and
Supervisor or Operator ____ Date ____
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

(12)

Form 238 / 11/97

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only
Inspected by _____
Twp ____ Rge ____ Sec ____
____ 1/4 ____ 1/4 ____ 1/4
Lat: : : Long: : :

1. WELL TAG NO. D 0009859
DRILLING PERMIT NO. 63-99-W-0666-000
Other IDWR No. _____

2. OWNER:
Name Castle Const. Ron Reed
Address P.O. Box 423
City Greenleaf State Id Zip 83626

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S

Twp. 3 North X or South ☐
Rge. 3 East ☐ or West X
Sec. 4 SE 1/4 SE 1/4 ____ 1/4
Gov't Lot ____ County Canyon
Lat: : : Long: : :
Address of Well Site Homedale Rd
(Give at least name of road + Distance to Road or Landmark)
City Caldwell

Lt. _____ Blk. _____ Sub. Name _____

4. USE:
X Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)
X New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD
X Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
Bentonite	0	20	550#	overbore

Was drive shoe used? X Y ☐ N Shoe Depth(s) 168'
Was drive shoe seal tested? ☐ Y X N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+2	168	250	Steel	X	☐	X	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe 10' Length of Tailpipe _____

9. PERFORATIONS/SCREENS
Perforations Method _____
Screens Screen Type Johnson

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
172	177	.030		5"	SS	☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
61 ft. below ground Artesian pressure ____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: _____

11. WELL TESTS:
☐ Pump ☐ Bailer X Air ☐ Flowing Artesian

Yield gal./min	Drawdown	Pumping Level	Time
50			1 hour

Water Temp. 58° Bottom hole temp. _____
Water Quality test or comments: Iron 2 Grains 12 PH 7.5
Depth first Water Encounter 65'

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
10"	0	5	top soil & hard pan		
"	5	20	Sand, Gravel & clay		
6	20	33			
"	33	43	fine sandy clay		
	43	65	tan clay		
	65	91	tan clay w/some short sand streaks	X	
	91	98	darker brown clay		
	98	107	Sandy clay		
	107	110	tan clay		
	110	112	clay w/sand streaks		
	112	117	tan clay w/sand streaks	X	
	117	124	" " " "		
	124	127	tan clay		
	127	130	Sandy clay	X	
	130	139	clay		
	139	141	Sandy clay	X	
	141	150	clay		
	150	157	clay w/sand streaks	X	
	157	167	Sand	X	
	167	177	clay		

RECEIVED AUG 26 1999 Department of Water Resources
RECEIVED AUG 23 1999 WATER RESOURCES WESTERN REGION

Completed Depth 177' (Measurable)
Date: Started 8.16.99 Completed 8.18.99

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name Adamson Pump & Drill Firm No. 0457
Firm Official Dana Adamson Date 8.19.99
and
Driller or Operator Dana Adamson Date 8.19.99
(Signature Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

Well Log Form 1
4/59 2 M

(3)

WELL LOG AND REPORT OF THE STATE RECLAMATION ENGINEER OF IDAHO

Permit No.____ Well No.____ County Canyon

Owner University of Idaho

Address Moscow Idaho

Driller Reid Rudolph

Address Caldwell

Well location ____ ¼ NE ¼ Sec. 9, T. 3 N/S. R. 3 E/W

Size of drilled hole 10"

Total depth of well 130

Locate well in section

NW¼	NE¼
SW¼	SE¼

Give depth to standing water from the ground 110 Water temp.____ °Fahr.

On "Pumping Test" delivery was 100 g.p.m. or____ c.f.s. Drawdown was 30 feet.

Size of pump and motor used to make test Centrifugal

Length of time of test 6 hours 30 minutes.

If flowing well, give flow____ c.f.s. or____ g.p.m. and of shut off pressure____

If flowing well, described control works____ (TYPE AND SIZE OF VALVE, ETC.)

Water will be used for Domestic Weight of casing per lineal foot 40

Thickness of casing____ Casing material Steel (STEEL, CONCRETE, WOOD, ETC.)

Diameter, length and location of casing 215 of 10" 230 of 6"
(CASING 12" IN DIAMETER OR LESS, GIVE INSIDE DIAMETER; CASING OVER 12" IN DIAMETER, GIVE OUTSIDE DIAMETER)

CASING RECORD

Diam. Casing	From Feet	To Feet	Length	Remarks—seals, grouting, etc.
10"	0	215	215	
6"	0	230	230	

Number and size of perforations ½ X 1½" located 215' feet to 226 feet from ground

Date of commencement of well 6/10/60 Date of completion of well 6/30/60

NE 9 3N 3W

WRS

128

WELL LOG

From Feet	To Feet	Type of Material	Water-bearing Formation Ans. Yes or No	Casing Perforated Ans. Yes or No
0	1.5	Topsoil		
1.5	30	Hardpan - Gravel		
30	38	Coarse Gravel		
38	98	Sand Silt - Some Clay (Karnoffian)		
98	125	Salt - gradually Turning to more Clay		
125	138	Fairly Heavy Crumbly Clay		
138	148	Sandy Clay gradually Turning to Sandy Salt		
148	207	Sandy Salt	yes	
207	213	Little Sandy Clay	yes	
213	221	Heavy Clay	yes	
221	230	Salt & Sand	yes	

If more space is required use Sheet No. 2

WELL DRILLER'S STATEMENT

This well was drilled under my supervision and the above information is true and correct to the best of my knowledge and belief.

Signed Richard Knoblock

By

Dated 7/14, 1961

License No. 30

14

Form 238-7
1996

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT
Use Typewriter or Ballpoint Pen

Office Use Only
Inspected by _____
Twp ____ Rge ____ Sec ____
____1/4 ____1/4 ____1/4
Lat: : : Long: : :

1. DRILLING PERMIT NO. 63-95-W-0997-000
Other IDWR No.

2. OWNER:
Name Bill Pugh
Address 111 E. PAT LANE
City CALDWELL State ID Zip 83605

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S

Twp. 3 North X or South
Rge. 3 East or West X
Sec. 4 1/4 NE 1/4 SE 1/4
Gov't Lot ____ County CANYON
Lat: : : Long: : :
Address of Well Site SAME
City CALDWELL
(Give at least Name of Road + Distance to Road or Landmark)

Lt. Blk. Sub. Name

4. USE:
X Domestic Municipal Monitor Irrigation
Thermal Injection Other

5. TYPE OF WORK check all that apply (Replacement etc.)
X New Well Modify Abandonment Other

6. DRILL METHOD
X Air Rotary Cable Mud Rotary Other

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
BENTONITE	0	20	200#	OVERDRILL

Was drive shoe used? X Y N Shoe Depth(s)
Was drive shoe seal tested? X Y N How? AIR

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6	+2	129	250	STEEL	X			

Length of Headpipe Length of Tailpipe

9. PERFORATIONS/SCREENS
Perforations Method
Screens Screen Type

From	To	Slot Size	Number	Diameter	Material	Casing	Liner

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
52 ft. below ground Artesian pressure ____ lb.
Depth flow encountered ____ ft. Describe access port or control devices:

11. WELL TESTS:
Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Pumping Level	Time
25 GPM			

Water Temp. ____ Bottom hole temp. ____
Water Quality test or comments:
Depth first Water Encountered ____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
8	0	5	TOPSOIL/HARD PAN		X
	5	45	SAND/GRAVEL		X
6	45	52	SAND	X	
	52	90	SANDY CLAY		X
	90	92	CLAY		X
	92	115	SAND	X	
	115	118	CLAY		X
	118	126	SAND	X	
	126	134	CLAY		X
	134	141	SANDY CLAY		X
	141	145	SAND/SHALE/IGNEOUS		

RECEIVED
APR 10 1996
WATER RESOURCES
WESTERN REGION

Completed Depth 145+ (Measurable)
Date: Started 3-1-96 Completed 3-2-96

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Firm Name Davis Well & Pump Co Firm No. 101
Firm Official Chuck Davis Date 4-8-96
and
Supervisor or Operator ____ Date ____
(Sign one if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

ATTACHMENT 4
Water Wells Filed With Idaho Division Of Water Resources
Within 1/4 Mile Of The Site

Refernce Number	Owner	Location	Date Drilled	Depth (feet)	SWL (feet)	Screened Interval	Use
1	S. Enochs	SW of SW Sec.3 T.3N, R.3W	4/63	63	11	None	Domestic
2	R. Tory	SW of SW Sec.3 T.3N, R.3W	11/73	158	50	Open hole below 138'	Domestic
3	C. Logan	SW of SW Sec.3 T.3N, R.3W	7/75	82	6	Open hole below 80'	Domestic
4	G. Eskew	SW of SW Sec.3 T.3N, R.3W	10/88	155	60	Open hole below 140'	Domestic, Irrigation
5	J. Torrey	SW of SW Sec.3 T.3N, R.3W	5/88	123	53	Open hole below 120'	Domestic
6	J. Ball	SE of SE Sec.4 T.3N, R.3W	3/82	130	60	Open hole below 119'	Domestic
7	D. Soran	SE of SE Sec.4 T.3N, R.3W	11/88	120	35	Open hole below 109'	Domestic
8	M. Caylor	SE of SE Sec.4 T.3N, R.3W	4/89	230	45	225'-230'	Domestic
9	R. Howard	SE of NE Sec.4 T.3N, R.3W	2/94	100	60	90'-95'	Domestic
10	G. Hartwig	SE of NE Sec.4 T.3N, R.3W	4/99	180	60	167'-177'	Domestic

Refernce Number	Owner	Location	Date Drilled	Depth (feet)	SWL (feet)	Screened Interval	Use
11	B. Jaul	SE of NE Sec.4 T.3N, R.3W	12/97	152	unknown	Open hole below 135'	Domestic
12	Castle Construction	SE of SE Sec.4 T.3N, R.3W	8/99	177	65	172'-177'	Domestic
13	University of Idaho	NE of NE Sec.9 T.3N, R.3W	6/61	230	110	218'-226'	Domestic
14	B. Pugh	NE of SE Sec.9 T.3N, R.3W	4/96	145	52	Open hole below 129'	Domestic

Attachment 7

Lithologic Log

MONITORING WELL LITHOLOGIC AND COMPLETION LOG

Job No: 9900648.100 Project: U of I Ag Research Center Well No. MW-1

State: Idaho County: Canyon Legal Location: T 3N R 3W S 9 Tract NE NE

Descriptive Location: See Figure 2

Starting Date: 02-14-00 Completion Date: 02-14-00 Drilling Company/ Driller: Hiddleston (Garv) Logged By: A. Birken

Drilling Method: Hollowstem Auger Borehole Diameter (in): 6.5 Drill Fluids Used: None

Total Depth Drilled (ft): 80 Total Depth Cased (ft): 79.5 Screened Interval from: 64 to: 79 Casing Diameter/Type 2" PVC, Flush Mount

Method of: Casing Perforation
- ___ Open Hole
- ___ Open Bottom
- ___ Saw Slotted
- X Factory 0.02 inch (size)
- ___ Other (specify) _____

During Well Construction was/were:

	Yes	No
Well Developed	x	
Well Pumped		x
Water Samples Collected	x	
Material Samples Collected	x	

Well Protector Type: 12" length, 8" diameter
Lock No.: _____

Annular Completion Characteristics
Surface Seal: Concrete from: 0 to: 1.0
Backfill: Bentonite from: 1.5 to: 62.5
Filter Pack: Sand from: 62.5 to: 80.0

Static Water Level ft: 75.20 Date: 2-15-00 Measuring Point Description/ Elevation ft: Top of casing Measuring Point Relative to Ground surface (+/-): -0.2'

Remarks: _____

INTERVAL (FT) below ground surface	LITHOLOGIC DESCRIPTION	Microtip Headspace	
		depth (ft)	ppm
0	FILL - Fine silty gravel.		
3	Poorly graded GRAVEL, slightly moist to moist, dense to very dense, non-plastic, poorly graded, some to considerable sand, brown.		
	NOTE: Coarse gravel and cobbles below 11 feet.		
14	Silty SAND, slightly moist to moist, non-plastic, medium dense to dense, poorly graded, fine to medium grained, some fine gravel, brown.		
		45	1.3
		50	1.4
		55	1.4
		60	2.2
		65	1.5
		70	1.3
		75	1.3
80	Bottom of boring		

TABLE 13A
Summary of Laboratory Analysis of Soil Samples from Exploratory Boring
U of I Agricultural Research Center
Caldwell, Idaho
(Samples collected February 14, 2000)

Sample depth	Benzene	Toluene	Ethyl-benzene	Xylenes	Naphth-alene	MTBE
45 feet	<0.025	<0.025	<0.025	<0.025	<0.025	<0.250
70 feet	<0.025	<0.025	<0.025	<0.025	<0.025	<0.250

All concentrations shown in milligrams per kilogram, which is equivalent to parts per million

TABLE 13B
Summary of Groundwater Analysis
U of I Agricultural Research Center
Caldwell, Idaho
(Sample collected February 15, 2000)

Benzene	Toluene	Ethyl-benzene	Xylenes	Naphth-alene	MTBE
<0.005	<0.005	<0.005	0.007	0.0026	<0.005

All concentrations shown in milligrams per liter, which is equivalent to parts per million

Attachment 15

Laboratory Reports

ALCHEM LABORATORIES

Alchem Laboratories, Inc.

104 West 31st Street
Boise, Idaho 83714

Phone (208) 336-1172
FAX (208) 336-7124

Water, Waste Water and Soil Analysis

LABORATORY REPORT

MAXIM TECHOLOGIES
ATTN: PAUL SPILLERS
3380 AMERICANA TR.
BOISE, ID 83706

DATE COLLECTED: 02/14/00
TIME COLLECTED: 11:30
DATE RECEIVED: 02/14/00
DATE REPORTED: 02/15/00
SAMPLED BY: ADAM BIRKEN

Project: UNIVERSITY OF ID-CALDWELL - 9900648.100
Source: SAMPLE 1 (45 FEET)
Matrix: SOIL

METHOD - BTEX 8020

LAB SAMPLE NUMBER - 1986

ORGANIC CONTAMINANT	DATE ANALYZED 02/14/00	ANALYST G. HAGEN	RESULTS (ug/kg)
BTEX			
Benzene			<25.0
Toluene			<25.0
Ethlybenzene			<25.0
Total Xylenes			<25.0
Napthalene			<25.0
Methyl-t-Butyl Ether (MTBE)			<250.0

Suzanne Howell, Laboratory Manager

This report is for the exclusive use of the client(s) to whom it is addressed. Its disclosure to others for use in advertising is not authorized. These results refer only to the specific sample tested and no interpretation is intended or implied.

ALCHEM LABORATORIES

Alchem Laboratories, Inc.
104 West 31st Street
Boise, Idaho 83714
Phone (208) 336-1172
FAX (208) 336-7124
Water, Waste Water and Soil Analysis

LABORATORY REPORT

MAXIM TECHOLOGIES
ATTN: PAUL SPILLERS
3380 AMERICANA TR.
BOISE, ID 83706

DATE COLLECTED: 02/14/00
TIME COLLECTED: 13:00
DATE RECEIVED: 02/14/00
DATE REPORTED: 02/15/00
SAMPLED BY: ADAM BIRKEN

Project: UNIVERSITY OF ID-CALDWELL - 9900648.100
Source: SAMPLE -6 (70 FEET)
Matrix: SOIL

METHOD - BTEX 8020

LAB SAMPLE NUMBER - 1987

ORGANIC CONTAMINANT	DATE ANALYZED 02/14/00	ANALYST G. HAGEN	RESULTS (ug/kg)
BTEX			
Benzene			<25.0
Toluene			<25.0
Ethlybenzene			<25.0
Total Xylenes			<25.0
Napthalene			<25.0
Methyl-t-Butyl Ether (MTBE)			<250.0

Suzanne Howell, Laboratory Manager

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ALCHEM LABORATORIES

Alchem Laboratories, Inc.
104 West 31st Street
Boise, Idaho 837[illegible]4
Phone (208) 33[illegible]-1172
FAX (208) 336-[illegible]24

Water, Waste Water and Soil Analysis

MAXIM TECHNOLOGIES, INC.
P.O. BOX 7777
BOISE, IDAHO 83707

RE: QUALITY CONTROL DATA - BTEX

DATE: 2/14/00

DAILY BLANK	RESULTS
BENZENE	<0.5
TOLUENE	<0.5
ETHYL BENZENE	<0.5
TOTAL XYLENES	<0.5

SPIKED SAMPLE #1	% RECOVERY
BENZENE	104.0
TOLUENE	104.0
ETHYLBENZENE	110.5
TOTAL XYLENES	105.8

CHECK STANDARD	% RECOVERY
BENZENE	108.5
TOLUENE	113.0
ETHYLBENZENE	115.5
TOTAL XYLENES	116.3

SPIKED SAMPLE #2	% RECOVERY
BENZENE	104.0
TOLUENE	103.5
ETHYLBENZENE	110.0
TOTAL XYLENES	97.7

DUPLICATE ANALYSIS	
# - 1907	REPLICATE 1
BENZENE	<0.5
TOLUENE	<0.5
ETHYLBENZENE	<0.5
TOTAL XYLENES	<0.5

REPLICATE 2	
<0.5	
<0.5	
<0.5	
<0.5	

DUPLICATE ANALYSIS	
# - 1910	REPLICATE 1
BENZENE	<0.5
TOLUENE	<0.5
ETHYLBENZENE	<0.5
TOTAL XYLENES	<0.5

REPLICATE 2	
<0.5	
<0.5	
<0.5	
<0.5	

Brad A. Broker
Supervisor, Organic Chemistry

7-97

NAME	MAXIM TECHNOLOGIES
ATTENTION	PAUL SPILLERS
ADDRESS	3380 AMERICANA TR.
CITY	BOISE
STATE	ID
ZIP CODE	83706
PHONE #	(208) 389-1030
FAX #	(208) 389-1183
SAMPLER (S)	ADAM BIRKED
PROJECT OR SITE	UNIVERSITY OF IDAHO (CALDWELL)
P.N. / P.O. NUMBER	9900648.100

Alchem Laboratories, Inc.
104 West 31st Street
Boise, Idaho 83714
Phone (208) 336-1172

Chain of Custody Form

LAB NUMBER	DATE	TIME	SAMPLE IDENTIFICATION	MATRIX: WATER	MATRIX: SOIL	MATRIX: OTHER	TESTS (CIRCLE METHOD)	NUMBER OF CONTAINERS
1986	2/14/00	1130	Sample-1 (45 FEET)		X		BTEX (602 / 8020) (+N +M); GC-MS VOC's (624 / 8260); PESTICIDES (608 / 8081 / 8270); Regular Turnaround	1
1987	2/14/00	1300	Sample-6 (70 FEET)		X		BTEX (602 / 8020) (+N +M); GC-MS VOC's (624 / 8260); Immediate Turnaround (Please Fax Results)	1

TESTS (CIRCLE METHOD): TPH - 8015 MOD; TPH - 418.1; BTEX (602 / 8020) (+N +M); CL. SOLVENTS (601 / 8010); VOC's (601-602 / 8021); GC-MS VOC's (624 / 8260); PAH's (8270 / 8310); PHENOLS (604 / 8040 / 8270); PESTICIDES (608 / 8081 / 8270); PCB's (608 / 8081); SEMI-VOLATILES (625 / 8270); TCLP-(DESIGNATE ANALYSIS); 8 RCRA METALS; RBCA - NO LEAD GAS BTEX+N+M (8020); RBCA - LEADED GAS BTEX+N+M (8020), EDB (8011) EDC (8010); RBCA - FUEL OILS BTEX (8020), PAH (8270); RBCA - MOTOR OILS BTEX (8020), PAH (8270) CL. SOLVENTS (8010)

RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED BY (Signature)

Relinquished By (Signature)	Date/Time	Received for Laboratory By (Signature)	Date/Time	
	2/14/00 1438		2/14/00 1453	Received With Seal Intact? ☐ Yes ☐ No; Label Tag, COC Agree? ☑ Yes ☐ No

ORIGINAL

ALCHEM LABORATORIES

Alchem Laboratories, Inc.
104 West 31st Street
Boise, Idaho 83714
Phone (208) 336-1172
FAX (208) 336-7124
Water, Waste Water and Soil Analysis

LABORATORY REPORT

MAXIM TECHNOLOGIES
ATTN: PAUL SPILLERS
P.O. BOX 7777
BOISE, IDAHO 83706

DATE COLLECTED: 02/15/00
TIME COLLECTED: 3:00 PM
DATE RECEIVED: 02/17/00
DATE REPORTED: 02/23/00
SAMPLED BY: ADAM BIRKEN

Project: U. OF IDAHO (CALDWELL) / 9900648.100
Source: MW-1
Matrix: WATER

METHOD - BTEX 8020

LAB SAMPLE NUMBER - 2167

ORGANIC CONTAMINANT	DATE ANALYZED	ANALYST	ANALYTICAL RESULTS (ug/L)
	02/22/00	G. HAGEN	
BTEX			
Benzene			<0.5
Toluene			<0.5
Ethylbenzene			<0.5
Xylene			7.0
Napthalene			2.6
Methyl-t-Butyl Ether (MTBE)			<5.0

Suzanne Howell, Laboratory Manager

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ALCHEM LABORATORIES

Alchem Laboratories, Inc.
104 West 31st Street
Boise, Idaho 83714
Phone (208) 336-1172
FAX (208) 336-7124
Water, Waste Water and Soil Analysis

MAXIM TECHNOLOGIES, INC.
P.O. BOX 7777
BOISE, IDAHO 83707

RE: QUALITY CONTROL DATA - BTEX

DATE: 2/22/00

DAILY BLANK	RESULTS
BENZENE	<0.5
TOLUENE	<0.5
ETHYL BENZENE	<0.5
TOTAL XYLENES	<0.5

SPIKED SAMPLE #1	% RECOVERY
BENZENE	109.0
TOLUENE	110.0
ETHYLBENZENE	110.0
TOTAL XYLENES	109.0

CHECK STANDARD	% RECOVERY
BENZENE	110.5
TOLUENE	113.0
ETHYLBENZENE	113.0
TOTAL XYLENES	114.3

SPIKED SAMPLE #2	% RECOVERY
BENZENE	88.0
TOLUENE	87.5
ETHYLBENZENE	91.0
TOTAL XYLENES	93.0

DUPLICATE ANALYSIS	
# - 2160	REPLICATE 1
BENZENE	<0.5
TOLUENE	<0.5
ETHYLBENZENE	<0.5
TOTAL XYLENES	<0.5

REPLICATE 2
<0.5
<0.5
<0.5
<0.5

DUPLICATE ANALYSIS	
# - 2179	REPLICATE 1
BENZENE	<0.5
TOLUENE	<0.5
ETHYLBENZENE	<0.5
TOTAL XYLENES	<0.5

REPLICATE 2
<0.5
<0.5
<0.5
<0.5

Brad A. Broker
Supervisor, Organic Chemistry

ALCHEM LABORATORIES

Alchem Laboratories, Inc.
104 West 31st Street
Boise, Idaho 83714
Phone (208) 336-1172
FAX (208) 336-7124
Water, Waste Water and Soil Analysis

MAXIM TECHNOLOGIES, INC.
P.O. BOX 7777
BOISE, IDAHO 83707

RE: QUALITY CONTROL DATA - BTEX

DATE: 2/22/00

DAILY BLANK	RESULTS
BENZENE	<0.5
TOLUENE	<0.5
ETHYL BENZENE	<0.5
TOTAL XYLENES	<0.5

SPIKED SAMPLE #1	% RECOVERY
BENZENE	109.0
TOLUENE	110.0
ETHYLBENZENE	110.0
TOTAL XYLENES	109.0

CHECK STANDARD	% RECOVERY
BENZENE	110.5
TOLUENE	113.0
ETHYLBENZENE	113.0
TOTAL XYLENES	114.3

SPIKED SAMPLE #2	% RECOVERY
BENZENE	88.0
TOLUENE	87.5
ETHYLBENZENE	91.0
TOTAL XYLENES	93.0

DUPLICATE ANALYSIS	
# - 2160	REPLICATE 1
BENZENE	<0.5
TOLUENE	<0.5
ETHYLBENZENE	<0.5
TOTAL XYLENES	<0.5

REPLICATE 2
<0.5
<0.5
<0.5
<0.5

DUPLICATE ANALYSIS	
# - 2179	REPLICATE 1
BENZENE	<0.5
TOLUENE	<0.5
ETHYLBENZENE	<0.5
TOTAL XYLENES	<0.5

REPLICATE 2
<0.5
<0.5
<0.5
<0.5

Brad A. Broker
Supervisor, Organic Chemistry

ALCHEM LABORATORIES

Alchem Laboratories, Inc.
104 West 31st Street
Boise, Idaho 83714
Phone (208) 336-1172
FAX (208) 336-7124
Water, Waste Water and Soil Analysis

MAXIM TECHNOLOGIES, INC.
P.O. BOX 7777
BOISE, IDAHO 83707

RE: QUALITY CONTROL DATA - BTEX

DATE: 2/18/00

DAILY BLANK	RESULTS
BENZENE	<0.5
TOLUENE	<0.5
ETHYL BENZENE	<0.5
TOTAL XYLENES	<0.5

SPIKED SAMPLE #1	% RECOVERY
BENZENE	103.0
TOLUENE	111.0
ETHYLBENZENE	116.5
TOTAL XYLENES	116.3

CHECK STANDARD	% RECOVERY
BENZENE	84.5
TOLUENE	90.5
ETHYLBENZENE	98.5
TOTAL XYLENES	95.3

SPIKED SAMPLE #2	% RECOVERY
BENZENE	100.0
TOLUENE	107.0
ETHYLBENZENE	113.0
TOTAL XYLENES	108.3

DUPLICATE ANALYSIS	
# - 2117	REPLICATE 1
BENZENE	<25.0
TOLUENE	62.5
ETHYLBENZENE	40
TOTAL XYLENES	160

REPLICATE 2
<25.0
62.5
40
170

DUPLICATE ANALYSIS	
# - 2137	REPLICATE 1
BENZENE	<25.0
TOLUENE	<25.0
ETHYLBENZENE	<25.0
TOTAL XYLENES	<25.0

REPLICATE 2
<25.0
<25.0
<25.0
<25.0

Brad A. Broker
Supervisor, Organic Chemistry

7-97

NAME	MAIN TECHNOLOGIES
ATTENTION	PAUL SPELLMAN
ADDRESS	3350 AMERICANA TE.
CITY	BOISE
STATE	ID
ZIP CODE	83706
PHONE #	208 384-1030
FAX #	208-384-1183
SAMPLER (S)	ADAM BRAUER
PROJECT OR SITE	U. OF IDAHO (CHEMEN)
P.N. / P.O. NUMBER	9900618.100

ALCHEM LABORATORIES

Alchem Laboratories, Inc.
104 West 31st Street
Boise, Idaho 83714
Phone (208) 336-1172

Chain of Custody Form

LAB NUMBER	DATE	TIME	SAMPLE IDENTIFICATION	MATRIX: WATER	SOIL	OTHER	TESTS (CIRCLE METHOD): TPH - 8015 MOD	TPH - 418.1	BTEX 602 / 8020) (+N +M)	CL SOLVENTS (601 / 8010)	VOC's (601-602 / 8021)	GC-MS VOC's (624 / 8260)	PAH's (8270 / 8310)	PHENOLS (604 / 8040 / 8270)	PESTICIDES (608 / 8081 / 8270)	PCB's (608 / 8081)	SEMI-VOLATILES (625 / 8270)	TCLP-(DESIGNATE ANALYSIS)	8 RCRA METALS	RBCA - NO LEAD GAS BTEX+N+M (8020)	RBCA - LEADED GAS BTEX+N+M (8020), EDB (8011) EDC (8010)	RBCA - FUEL OILS BTEX (8020), PAH (8270)	RBCA - MOTOR OILS BTEX (8020), PAH (8270) CL SOLVENTS (8010)	NUMBER OF CONTAINERS
2167	2/15/00	3:00pm	MW-1	X					X															4

RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED BY (Signature)
	2/15/00	1700	

Relinquished By (Signature)	Date/Time	Received for Laboratory By (Signature)	Date/Time	Received With Seal Intact? Yes No Label Tag, COC Agree? Yes No
	2/17/00 8:20		2/17/00 8:00	

ORIGINAL

02/23/2000 14:50 2083367124 ALCHEM LABS PAGE 18

STATE OF IDAHO
DIVISION OF
ENVIRONMENTAL QUALITY

1445 North Orchard • Boise, Idaho 83706-2239 • (208) 373-0550

Dirk Kempthorne, Governor
C. Stephen Allred, Administrator

May 15, 2000

Clif Squires
Idaho Division of Public Works
502 N. 24th Street
Boise, ID 83702

Re: Underground Storage Tank (UST) Decommissioning and Additional Site Activities for the University of Idaho Agricultural Research and Extension Center located at 16952 10th Avenue South in Caldwell, Idaho

Dear Mr. Squires:

Based on data submitted by EnviroSearch for the underground storage tank decommissioning, and a RBCA Tier 2 and Additional Site Activities reports submitted by Maxim, for the University of Idaho Agricultural Research and Extension Center, we consider the site suitable for closure without additional remediation of petroleum hydrocarbon contamination. The petroleum underground storage tank closure protocol followed at the 16952 10th Avenue South Caldwell site, has met applicable State of Idaho guidelines including preremoval notification, release notification, release investigation and RBCA Tier 2 evaluation.

The USTs decommissioned at University of Idaho Agricultural Research and Extension Center in Caldwell are officially closed. Thank you for submitting your additional site activities data.

Sincerely,

Mark Van Kleek
Water Quality Science Officer

cc: Ron Lane, DEQ, Boise Regional Office
Rick Jarvis, DEQ, State Office
Paul Spillers, Maxim Technologies, Inc.

MAXIM Technologies, Inc.
3380 Americana Terrace, Suite #201
PO Box 7777
Boise, ID 83707
Telephone (208) 389-1030
Fax (208) 389-1183

1916LTR.DOC
9900648.100

May 8, 2000

Mr. Mark Van Kleek
Idaho Division of Environmental Quality
1445 N. Orchard
Boise, ID 83706-2239

SUBJECT: Additional Site Activities for University of Idaho Agricultural Research and Extension Center in Caldwell, Idaho. DPW Project No. 00-802

Dear Mark:

On April 4, 2000, you submitted a letter to Idaho Division of Public Works which concurred with Maxim's conclusion that additional remediation was not necessary for the UST basin at the above referenced site. You requested that the stockpiled soil at the site be sampled, landfarmed or transported to a land treatment facility in order to obtain site closure.

The stockpiled soil was sampled on April 7, 2000. One grab and one composite soil sample were collected for gasoline constituents of concern, including BTEX, naphthalene and MTBE. Results of the soil sampling indicate that no petroleum hydrocarbons were detected (see attached laboratory report). Based on the results of the soil sampling, the soil will remain on site for use as parking lot fill.

Additionally, the monitoring well installed for the investigation was abandoned by Hiddleston Drilling in accordance with Idaho Department of Water Resources guidelines. A record of the well abandonment will be submitted to IDWR.

It appears, at this time, that all conditions for site closure have been met. If you concur, please issue a closure letter for this site.

If you have any questions or comments concerning this submittal, please contact our office.

Sincerely,

Paul T. Spillers

Paul T. Spillers, P.G.
Project Manager

Enclosure Analytical Laboratory Report

cc: Clif Squires

RECEIVED
MAY 09 2000
DIVISION OF
ENVIRONMENTAL QUALITY
BOISE REGIONAL OFFICE

ALCHEM LABORATORIES

Alchem Laboratories, Inc.
104 West 31st Street
Boise, Idaho 83714
Phone (208) 336-1172
FAX (208) 336-7124
Water, Waste Water and Soil Analysis

LABORATORY REPORT

RECEIVED
APR 12 2000

MAXIM TECHNOLOGIES
ATTN: PAUL SPILLERS
P.O. BOX 7777
BOISE, IDAHO 83707

DATE COLLECTED: 04/07/00
TIME COLLECTED: 11:10
DATE RECEIVED: 04/07/00
DATE REPORTED: 04/11/00
SAMPLED BY: PAUL

Project: U OF I CALDWELL / 9900648-100
Source: SOIL STOCKPILE (SP-1) / GRAB
Matrix: SOIL

METHOD - BTEX 8020

LAB SAMPLE NUMBER - 4688

ORGANIC CONTAMINANT	DATE ANALYZED	ANALYST	RESULTS
	04/10/00	G. HAGEN	(ug/kg)
BTEX			
Benzene			<25.0
Toluene			<25.0
Ethlybenzene			<25.0
Total Xylenes			<25.0
Napthalene			<25.0
Methyl-t-Butyl Ether (MTBE)			<250.0

Suzanne Howell, Laboratory Manager

This report is for the exclusive use of the client(s) to whom it is addressed. Its disclosure to others for use in advertising is not authorized. These results refer only to the specific sample tested and no interpretation is intended or implied.

ALCHEM LABORATORIES

Alchem Laboratories, Inc.

104 West 31st Street
Boise, Idaho 83714

Phone (208) 336-1172
FAX (208) 336-7124

Water, Waste Water and Soil Analysis

LABORATORY REPORT

MAXIM TECHNOLOGIES
ATTN: PAUL SPILLERS
P.O. BOX 7777
BOISE, IDAHO 83707

DATE COLLECTED: 04/07/00
TIME COLLECTED: 11:15
DATE RECEIVED: 04/07/00
DATE REPORTED: 04/11/00
SAMPLED BY: PAUL

Project: U OF I CALDWELL / 9900648-100
Source: SOIL STOCKPILE (SP-2) / COMP
Matrix: SOIL

METHOD - BTEX 8020

LAB SAMPLE NUMBER - 4689

ORGANIC CONTAMINANT	DATE ANALYZED	ANALYST	RESULTS
	04/10/00	G. HAGEN	(ug/kg)
BTEX			
Benzene			<25.0
Toluene			<25.0
Ethlybenzene			<25.0
Total Xylenes			<25.0
Napthalene			<25.0
Methyl-t-Butyl Ether (MTBE)			<250.0

Suzanne Howell, Laboratory Manager

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MAXIM TECHNOLOGIES, INC.
P.O. BOX 7777
BOISE, IDAHO 83707

RE: QUALITY CONTROL DATA - BTEX

DATE: 4/10/00

DAILY BLANK	RESULTS
BENZENE	<0.5
TOLUENE	<0.5
ETHYL BENZENE	<0.5
TOTAL XYLENES	<0.5

SPIKED SAMPLE #1	% RECOVERY
BENZENE	107.5
TOLUENE	108.5
ETHYLBENZENE	101.0
TOTAL XYLENES	99.8

CHECK STANDARD	% RECOVERY
BENZENE	104.0
TOLUENE	100.5
ETHYLBENZENE	95.5
TOTAL XYLENES	97.8

DUPLICATE ANALYSIS		
# - 4491	REPLICATE 1	REPLICATE 2
BENZENE	<0.5	<0.5
TOLUENE	<0.5	<0.5
ETHYLBENZENE	<0.5	<0.5
TOTAL XYLENES	<0.5	<0.5

Brad A. Broker
Supervisor, Organic Chemistry

CHAIN OF CUSTODY RECORD

MAXIM TECHNOLOGIES INC

600 South 25th Street
Billings, Montana 59101
Phone (406) 248-9161 • Fax (406) 248-9282

U of I Caldwell
Project or Site Name

9900648-100
Project Number

Paul Spillers
Sampler Name (Printed)

Paul Spillers
Contact Name

Maxim - Boise
Report to (Firm or Agency)

Address

Paul Spillers
Sampler Signature

DATE COLLECTED	TIME COLLECTED	SAMPLE LOCATION OR DESCRIPTION	COMP OR GRAB	SAMPLE MATRIX	NO. OF CONTAINERS	ANALYSIS REQUIRED: BTEX+MTBE+Naphthalene	NOTES	LAB NUMBER
4-7	11:10	Soil Stockpile (SP-1)	G	S	1	X		4688
11	11:15	11 (SP-2)	C	11	1	X		4689

Relinquished by: Paul Spillers	Date 4/7	Time 12:10	Received by: [signature] 4/7/06 12:10	Remarks:
Relinquished by:	Date	Time	Received by:	
Relinquished by:	Date	Time	Received by:	
Relinquished by:	Date	Time	Received by:	

Caine Veterinary Teaching Center
Scrapie Facilities Clean-Up Inspection

Conducted by:
Kendal G. Eyre, DVM, Veterinary Medical Officer
USDA, APHIS, Veterinary Services
Date of Write-Up: 08 May 2017

Note: The following will constitute a write-up of observations and findings from a number of on-site inspections of the Caine Veterinary Teaching Center (CVTC) campus and grounds located at 1020 E Homedale Road, Caldwell, Idaho; and interviews with the presently constituted staff still remaining at the CVTC – namely Sharon Melson and Dr. James England. The findings of progress and completeness of determined clean-up goals will be based upon what is apparent from visual on-site ground walk inspections and reports from the available staff.

Pre-cursor to Physical Site Clean-up

- All scrapie research animals, sheep and llamas were euthanized and disposed of at the Envirowaste™ landfill.
- All tissues/fluids and formalin fixed tissue/paraffin blocks not being held for potential research use were disposed of at the Envirowaste landfill.
- All scrapie tissues that were being stored in a designated storage freezer were removed and sent to the Envirowaste landfill.
- The freezer was emptied of Freon and disposed of at the Envirowaste landfill.
- Any scrapie materials associated with feeding, surgery or sample collection, and necropsy were disposed of at the Envirowaste landfill.
- Any surgical instruments and selected animal use equipment (buckets, wooden feeders, etc.) were collected and disposed of at the Envirowaste landfill.

Physical Site (Grounds, Pens, Corrals, Pastures, etc.) Clean-up:

Following on page 2 is a satellite photo of the Caine Veterinary Teaching Center campus and grounds which show the pens, corrals, pastures and feed storage areas which were still intact at the time of the photo. The various areas are numbered as a reference. Following the photo will be a brief description of the referenced areas. The levels of exposure or contamination as it relates to the scrapie agent are defined. It should be noted that many of the referenced areas were considered clean and never exposed to the scrapie agent. The planned clean-up actions for each of the areas that were exposed or contaminated are also described.

For purposes of this write-up, each area from the satellite photo will be referenced separately in numerical order. The disposition of the area (at the time of the photo), the planned actions for that particular area, if required, and the apparent accomplishments of those actions at the present time of this write-up as can be determined by on-site visual inspection will be described. Photos of each of the described areas as they presently stand are also presented.

(Continued on page 2 . . .)

Satellite Photo – Caine Veterinary Teaching Center Campus

Pen 1: Clean, never housed scrapie animals (Ref. Pic – Pen 1)

Pen 1

Pen 2: Clean, never housed scrapie animals (Ref. Pic – Pen 2)

Pen 2

Pen 3: Clean, never housed scrapie animals (Ref. Pic – Pen 3)

Pen 3

Pen 4: Light contamination (ewes/lambs, 5-10 days post lambing)

Cleanup Plan

- Remove wooden feed bunks and panels
- Remove waterers
- Landfill removed materials
- Remove top 2” of soil
- Landfill removed soil
- Backfill pens with new soil

Accomplished:

- The whole pen 4 structure (fences, railing, support structures and roof) have been torn down and disposed of at the Envirosafe landfill
- Wooden feed bunks, panels and waterers have been removed and disposed of at the Envirosafe landfill
- Any other materials from pen 4 have been removed and disposed of at the Envirosafe landfill
- The top 2-3” of topsoil has been removed from pen 4 and hauled to the Envirosafe landfill for disposal
- New clean soil has been brought in and filled into the pen 4 area. It also appears that a layer of road mix and gravel has been applied to the pen 4 area.

Disposition: Clean-up Completed (Ref. Pic – Pen 4)

Pen 4

Pen 5: Light contamination (ewes/lambs, 5-10 days post lambing)

Cleanup Plan

- Remove wooden feed bunks and panels
- Remove waterers
- Landfill removed materials
- Remove top 2” of soil
- Landfill removed soil
- Backfill pens with new soil

Accomplished:

- The whole pen 5 structure (fences, railing, support structures and roof) have been torn down and disposed of at the Envirosafe landfill
- Wooden feed bunks, panels and waterers have been removed and disposed of at the Envirosafe landfill
- Any other materials from pen 5 have been removed and disposed of at the Envirosafe landfill
- The top 2-3” of topsoil has been removed from pen 5 and hauled to the Envirosafe landfill for disposal
- New clean soil has been brought in and filled into the pen 5 area. It also appears that a layer of road mix and gravel has been applied to the pen 5 area.

Disposition: Clean-up Completed (Ref. Pic – Pen 5)

Pen 5

Pen 6: Heavy Contamination (Lambing Area)

Cleanup Plan

- Remove wooden feed bunks and panels
- Remove waterers
- Landfill removed materials
- Remove top 2” of soil
- Landfill removed soil
- Backfill pens with 6-8” of road mix and gravel

Accomplished:

- The whole pen 6 structure (fences, railing, support structures and roof) have been torn down and disposed of at the Envirosafe landfill
- Wooden feed bunks, panels and waterers have been removed and disposed of at the Envirosafe landfill
- Any other materials from pen 6 have been removed and disposed of at the Envirosafe landfill
- The top 2-3” of topsoil has been removed from pen 6 and hauled to the Envirosafe landfill for disposal
- Approximately 6-8” of road mix and gravel have been brought in and filled into the pen 6 area.

Disposition: Clean-up Completed (Ref. Pic – Pen 6)

Pen 6

Pen 7: Heavy Contamination (Lambing Area)

Cleanup Plan

- Remove wooden feed bunks and panels
- Remove waterers
- Landfill removed materials
- Remove top 2” of soil
- Landfill removed soil
- Backfill pens with 6-8” of road mix and gravel

Accomplished:

- The whole pen 7 structure (fences, railing, support structures and roof) have been torn down and disposed of at the Envirosafe landfill
- Wooden feed bunks, panels and waterers have been removed and disposed of at the Envirosafe landfill
- Any other materials from pen 7 have been removed and disposed of at the Envirosafe landfill
- The top 2-3” of topsoil has been removed from pen 7 and hauled to the Envirosafe landfill for disposal
- Approximately 6-8” of road mix and gravel have been brought in and filled into the pen 7 area.

Disposition: Clean-up Completed (Ref. Pic – Pen 7)

Pen 7

Pen 8: Light contamination (ewes/lambs, 10-30 days post lambing)

Cleanup Plan

- Remove wooden feed bunks and panels
- Remove waterers
- Landfill removed materials
- Remove top 2” of soil
- Landfill removed soil
- Backfill pens with new soil

Accomplished:

- The whole pen 8 structure (fences, railing, support structures and roof) have been torn down and disposed of at the Envirosafe landfill
- Wooden feed bunks, panels and waterers have been removed and disposed of at the Envirosafe landfill
- Any other materials from pen 8 have been removed and disposed of at the Envirosafe landfill
- The top 2-3” of topsoil has been removed from pen 8 and hauled to the Envirosafe landfill for disposal
- New clean soil has been brought in and filled into the pen 8 area.

Disposition: Clean-up Completed (Ref. Pic – Pen 8)

Pen 8

Pen 9: Light contamination (Rams and Wethers)

Cleanup Plan

- Remove wooden feed bunks and panels
- Remove waterers
- Landfill removed materials
- Remove top 2” of soil
- Landfill removed soil
- Backfill pens with new soil

Accomplished:

- The whole pen 9 structure (fences, railing, support structures and roof) have been torn down and disposed of at the Envirosafe landfill
- Wooden feed bunks, panels and waterers have been removed and disposed of at the Envirosafe landfill
- Any other materials from pen 9 have been removed and disposed of at the Envirosafe landfill
- The top 2-3” of topsoil has been removed from pen 9 and hauled to the Envirosafe landfill for disposal
- New clean soil has been brought in and filled into the pen 9 area.

Disposition: Clean-up Completed (Ref. Pic – Pen 9)

Pen 9

Pen 10: Light contamination (Rams and Wethers)

Cleanup Plan

- Remove wooden feed bunks and panels
- Remove waterers
- Landfill removed materials
- Remove top 2” of soil
- Landfill removed soil
- Backfill pens with new soil

Accomplished:

- The whole pen 10 structure (fences, railing, support structures and roof) have been torn down and disposed of at the Envirosafe landfill
- Wooden feed bunks, panels and waterers have been removed and disposed of at the Envirosafe landfill
- Any other materials from pen 10 have been removed and disposed of at the Envirosafe landfill
- The top 2-3” of topsoil has been removed from pen 10 and hauled to the Envirosafe landfill for disposal
- New clean soil has been brought in and filled into the pen 10 area. It also appears that a layer of road mix and gravel has been applied to the pen 10 area.

Disposition: Clean-up Completed (Ref. Pic – Pen 10)

Pen 10

Pen 11: Clean, never housed scrapie animals, but included in clean-up operation due to adjacent co-location to Pen 10.

Cleanup Plan

- Remove wooden feed bunks and panels
- Remove waterers
- Landfill removed materials
- Remove top 2” of soil
- Landfill removed soil
- Backfill pens with new soil

Accomplished:

- The whole pen 11 structure (fences, railing, support structures) have been torn down and disposed of at the Envirosafe landfill
- Wooden feed bunks, panels and waterers have been removed and disposed of at the Envirosafe landfill
- Any other materials from pen 11 have been removed and disposed of at the Envirosafe landfill
- The top 2-3” of topsoil has been removed from pen 11 and hauled to the Envirosafe landfill for disposal
- New clean soil has been brought in and filled into the pen 11 area. It also appears that a layer of road mix and gravel has been applied to the pen 11 area.

Disposition: Clean-up Completed (Ref. Pic – Pen 11)

Pen 11

Area 12: Clean, storage area. Never housed scrapie animals. Also included in clean-up operation due to co-location with rest of areas involved in cleanup.

Cleanup Plan

- Remove wooden and other storage materials.
- Landfill removed materials
- Remove top 2" of soil
- Landfill removed soil
- Backfill pens with new soil

Accomplished:

- The whole storage area 12 structure (mainly fences and railings) have been torn down and disposed of at the Envirosafe landfill
- Any other materials from storage area 12 have been removed and disposed of at the Envirosafe landfill
- The top 2-3" of topsoil has been removed from storage area 12 and hauled to the Envirosafe landfill for disposal
- New clean soil has been brought in and filled into the storage area 12 site. It also appears that a layer of road mix and gravel has been applied to the storage area 12 site.

Disposition: Clean-up Completed (Ref. Pic – Storage Area 12)

Storage Area 12

Pen 13: Very Light contamination (ewes/lambs, <30 days post-lambing; rams and wethers)

Cleanup Plan

- Remove wooden feed bunks and panels
- Clean waterers with hypochlorite solution, steam, and disinfectant
- Landfill removed materials
- Remove top 2” of soil
- Landfill removed soil
- Backfill pens with new soil

Accomplished:

- The whole pen 13 structure (fences, railing, support structures and roof) have been torn down and disposed of at the Envirosafe landfill
- Wooden feed bunks, panels and waterers have been removed and disposed of at the Envirosafe landfill
- Any other materials from pen 13 have been removed and disposed of at the Envirosafe landfill
- The top 2-3” of topsoil has been removed from pen 13 and hauled to the Envirosafe landfill for disposal
- New clean soil has been brought in and filled into the pen 13 area. It also appears that a layer of road mix and gravel has been applied to part of the pen 13 area.

Disposition: Clean-up Completed (Ref. Pic – Pen 13)

Pen 13

Pen 14: Very Light contamination (ewes/lambs, <30 days post-lambing; rams and wethers)

Cleanup Plan

- Remove wooden feed bunks and panels
- Clean waterers with hypochlorite solution, steam and disinfectant
- Landfill removed materials
- Remove top 2” of soil
- Landfill removed soil
- Backfill pens with new soil

Accomplished:

- The whole pen 14 structure (mainly fences and railings) have been torn down and disposed of at the Envirosafe landfill
- Wooden feed bunks, panels and waterers have been removed and disposed of at the Envirosafe landfill
- Any other materials from pen 14 have been removed and disposed of at the Envirosafe landfill
- The top 2-3” of topsoil has been removed from pen 14 and hauled to the Envirosafe landfill for disposal
- New clean soil has been brought in and filled into the pen 14 area.

Disposition: Clean-up Completed (Ref. Pic – Pen 14)

Pen 14

Pasture 15: Very Light Contamination
Cleanup Plan • Clean waterers with hypochlorite solution, steam, and disinfectant • Plow and summer fallow for 2015-2016
Accomplished: • Waterers have been removed from Pasture 15 and disposed of at the Envirosafe landfill • Any other materials from Pasture 15 have been removed and disposed of at the Envirosafe landfill • Pasture 15 was plowed and summer fallowed in 2015 and again in 2016. • Still laying fallow (unused) to date.
Disposition: Clean-up Completed (Ref. Pic – Pasture 15)

Pasture 15

Pasture 16: Very Light Contamination

Cleanup Plan

- Clean waterers with hypochlorite solution, steam, and disinfectant
- Has been unused since 2013
- Plow and summer fallow for 2013-2014
- Replant in 2015

Accomplished:

- Waterers have been removed from Pasture 16 and disposed of at the Envirosafe landfill
- Any other materials from Pasture 16 have been removed and disposed of at the Envirosafe landfill
- Pasture 16 was plowed and summer fallowed in 2013 and again in 2014.
- Pasture 16 was not replanted in 2015, but was again plowed and summer fallowed in 2015 and again in 2016.
- Still laying fallow (unused) to date.

Disposition: Clean-up Completed (Ref. Pic – Pasture 16)

Pasture 16

Pasture 17: Clean, never had scrapie animals present on the pasture (Ref. Pic – Pasture 17)

Pasture 17

Storage Area 18: Heavy Contamination (Scrapie Manure Storage Berm)

Cleanup Plan

- Remove all manure from area
- Remove top 2-3” of soil
- Landfill removed soil
- Backfill storage area with 6-8” of road mix and gravel

Accomplished:

- All manure was removed from Storage Area 18 in 2011 and disposed of at the Envirosafe landfill
- Any other materials from Storage Area 18 have been removed and disposed of at the Envirosafe landfill
- The top 2-3” of topsoil has been removed from Storage Area 18 and hauled to the Envirosafe landfill for disposal
- Approximately 6-8” of road mix and gravel have been brought in and filled into the Storage Area 18 site

Disposition: Clean-up Completed (Ref. Pic – Storage Area 18)

Storage Area 18

Storage Area 19: Heavy Contamination (Scrapie Manure Storage Berm)
Cleanup Plan • Remove all manure from area • Remove top 2-3” of soil • Landfill removed soil • Backfill storage area with 6-8” of road mix and gravel
Accomplished: • All manure has been removed from Storage Area 19 and disposed of at the Envirosafe landfill • Any other materials from Storage Area 19 have been removed and disposed of at the Envirosafe landfill • The top 2-3” of topsoil has been removed from Storage Area 19 and hauled to the Envirosafe landfill for disposal • Approximately 6-8” of road mix and gravel have been brought in and filled into the Storage Area 19 site
Disposition: Clean-up Completed (Ref. Pic – Storage Area 19)

Storage Area 19

Pasture 20: Clean, never had scrapie animals present on the pasture (Ref. Pic – Pasture 20)

Pasture 20

Conclusion:

To the best of my inspections and observations, it is my opinion that the scrapie clean-up goals and plans at the Caine Veterinary Teaching Center Campus and grounds as outlined in this document have been completely accomplished.

Kendal G. Eyre, DVM	Veterinary Medical Officer	USDA, APHIS, Veterinary Services
Printed Name	Title	Organization

Kendal G. Eyre, DVM

Signature

May 8, 2017

Date

191 NORTH
Environmental Consulting

APPENDIX C

Regulatory Environmental Database Information

Caine Center
1020 E. Homedale Rd.
Caldwell, ID 83607

Inquiry Number: 4968348.2s
June 16, 2017

The EDR Radius Map™ Report with GeoCheck®

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

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
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GEOCHECK ADDENDUM

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

1020 E. HOMEDALE RD.
CALDWELL, ID 83607

COORDINATES

Latitude (North):	43.6159390 - 43° 36' 57.38''
Longitude (West):	116.6844460 - 116° 41' 4.00''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	525462.6
UTM Y (Meters):	4829050.0
Elevation:	2468 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5977702 LAKE LOWELL, ID
Version Date:	2013
North Map:	5977670 CALDWELL, ID
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150613
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1020 E. HOMEDALE RD.
CALDWELL, ID 83607

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	UNIVERSITY OF IDAHO	1020 HOMEDALE ROAD	FINDS		TP
A2	ID UI CAINE VTRC	1020 E HOMEDALE RD	ALLSITES		TP
A3	ID UI CAINE VTRC	1020 E HOMEDALE RD	RCRA-CESQG, FINDS, ECHO		TP
B4	SW ID RESEARCH & EXT	16952 S 10TH ST	LUST, UST, ALLSITES	Higher	1 ft.
C5	SW ID RESEARCH & EXT	16552 S 10TH ST	SPILLS	Higher	1 ft.
C6	SW ID RESEARCH & EXT	16552 S 10TH ST	RGA LUST	Higher	1 ft.
B7	ID UI CALDWELL RESEA	16952 S TENTH AVE	RCRA NonGen / NLR	Higher	1 ft.
B8	ID UI CALDWELL RESEA	16952 S TENTH AVE	FINDS, ECHO	Higher	1 ft.
B9	SW ID RESEARCH & EXT	16952 S 10TH ST	RGA LUST	Higher	1 ft.
10	JOYS AUTO CLINIC	14868 HOMEDALE RD	EDR Hist Auto	Higher	33, 0.006, WNW
11	ABSOLUTE AUTO	14485 GRESHAM DR	EDR Hist Auto	Higher	77, 0.015, SE
12	AUTO PILOT ADS	5603 COMPASS WAY	EDR Hist Auto	Lower	435, 0.082, NNW
D13	VALLIVUE SD NO 139	16412 S 10TH AVE	ALLSITES	Higher	583, 0.110, SW
D14	VALLIVUE SCHOOL DIST	16412 S 10TH AVE	UST, Financial Assurance	Higher	583, 0.110, SW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
UNIVERSITY OF IDAHO 1020 HOMEDALE ROAD CALDWELL, ID 83605	FINDS Registry ID:: 110046355653	N/A
ID UI CAINE VTRC 1020 E HOMEDALE RD CALDWELL, ID	ALLSITES Facility Id: 2011BAZ3127	N/A
ID UI CAINE VTRC 1020 E HOMEDALE RD CALDWELL, ID 83605	RCRA-CESQG EPA ID:: IDD984667964 FINDS Registry ID:: 110005787087 ECHO	IDD984667964

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

EXECUTIVE SUMMARY

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG ..... RCRA - Large Quantity Generators
RCRA-SQG ..... RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS ..... Land Use Control Information System
US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls

Federal ERNS list

ERNS ..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

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

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

SWF/LF ..... Solid Waste Landfills

State and tribal leaking storage tank lists

LAST ..... Leaking Aboveground Storage Tanks
INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ..... Underground Storage Tank Listing
INDIAN UST ..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

INST CONTROL ..... Sites with Institutional Controls Restricting Use

State and tribal voluntary cleanup sites

VCP ..... Voluntary Cleanup Program Sites
INDIAN VCP ..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS ..... Brownfields Inventory

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

HIST LF ..... Idaho Historical Landfills
SWTIRE ..... Waste Tire Collection Sites
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
ODI ..... Open Dump Inventory
IHS OPEN DUMPS ..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ..... Delisted National Clandestine Laboratory Register
CDL ..... Clandestine Drug Labs
US CDL ..... National Clandestine Laboratory Register

Local Land Records

LIENS 2 ..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
SPILLS 90 ..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS ..... Formerly Used Defense Sites
DOD ..... Department of Defense Sites
SCRD DRYCLEANERS ..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ..... Financial Assurance Information
EPA WATCH LIST ..... EPA WATCH LIST
2020 COR ACTION ..... 2020 Corrective Action Program List
TSCA ..... Toxic Substances Control Act
TRIS ..... Toxic Chemical Release Inventory System
SSTS ..... Section 7 Tracking Systems
ROD ..... Records Of Decision
RMP ..... Risk Management Plans
RAATS ..... RCRA Administrative Action Tracking System
PRP ..... Potentially Responsible Parties
PADS ..... PCB Activity Database System
ICIS ..... Integrated Compliance Information System
FTTS ..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ..... Material Licensing Tracking System
COAL ASH DOE ..... Steam-Electric Plant Operation Data
COAL ASH EPA ..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ..... PCB Transformer Registration Database

RADINFO ---- Radiation Information Database
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ---- Incident and Accident Data
CONSENT ---- Superfund (CERCLA) Consent Decrees
INDIAN RESERV ---- Indian Reservations
FUSRAP ---- Formerly Utilized Sites Remedial Action Program
UMTRA ---- Uranium Mill Tailings Sites
LEAD SMELTERS ---- Lead Smelter Sites
US AIRS ---- Aerometric Information Retrieval System Facility Subsystem
US MINES ---- Mines Master Index File
ABANDONED MINES ---- Abandoned Mines
DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
UXO ---- Unexploded Ordnance Sites
FUELS PROGRAM ---- EPA Fuels Program Registered Listing
AIRS ---- Permitted Sources & Emissions Listing
DRYCLEANERS ---- Drycleaner Listing
Financial Assurance ---- Financial Assurance Information Listing
TIER 2 ---- Tier 2 Data Listing
UIC ---- Underground Injection Wells Database Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---- EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner ---- EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ---- Recovered Government Archive Solid Waste Facilities List

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

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Quality's Idaho Leaking UST Tracking Form database.

A review of the LUST list, as provided by EDR, and dated 04/03/2017 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SW ID RESEARCH & EXT	***16952 S 10TH ST***	***0 - 1/8 (0.000 mi.)***	***B4***	***55***
Cleanup Date: 05/15/2000 Status: Site Cleanup Completed Facility Id: 3-140235				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Registered UST's in Idaho list.

A review of the UST list, as provided by EDR, and dated 04/03/2017 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
SW ID RESEARCH & EXT	***16952 S 10TH ST***	***0 - 1/8 (0.000 mi.)***	***B4***	***55***
Facility Id: 3-140235 Tank Status: Closed				
VALLIVUE SCHOOL DIST	***16412 S 10TH AVE***	***SW 0 - 1/8 (0.110 mi.)***	***D14***	***60***
Facility Id: 3-140171 Tank Status: Closed				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

ALLSITES: Idaho's remediation database is a compilation of data on all the state and delegated federal remediation programs operated by the DEQ.

A review of the ALLSITES list, as provided by EDR, and dated 03/06/2017 has revealed that there are 2 ALLSITES sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SW ID RESEARCH & EXT	***16952 S 10TH ST***	***0 - 1/8 (0.000 mi.)***	***B4***	***55***
Facility Id: 2011BAZ3128				
VALLIVUE SD NO 139	16412 S 10TH AVE	SW 0 - 1/8 (0.110 mi.)	D13	59
Facility Id: 2011BAZ7167				

EXECUTIVE SUMMARY

Records of Emergency Release Reports

SPILLS: A listing of hazardous materials spills, releases or accidents as reported to the State of Idaho's central Communications Center.

A review of the SPILLS list, as provided by EDR, and dated 06/20/2011 has revealed that there is 1 SPILLS site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SW ID RESEARCH & EXT Date Closed: 5/15/2000	16552 S 10TH ST	0 - 1/8 (0.000 mi.)	C5	55

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/12/2016 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
ID UI CALDWELL RESEA	16952 S TENTH AVE	0 - 1/8 (0.000 mi.)	B7	56

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 04/04/2017 has revealed that there is 1 FINDS site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ID UI CALDWELL RESEA	***16952 S TENTH AVE***	***0 - 1/8 (0.000 mi.)***	***B8***	***58***

ECHO: ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

A review of the ECHO list, as provided by EDR, and dated 03/19/2017 has revealed that there is 1 ECHO site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ID UI CALDWELL RESEA	***16952 S TENTH AVE***	***0 - 1/8 (0.000 mi.)***	***B8***	***58***

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 3 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JOYS AUTO CLINIC	14868 HOMEDALE RD	WNW 0 - 1/8 (0.006 mi.)	10	58
ABSOLUTE AUTO	14485 GRESHAM DR	SE 0 - 1/8 (0.015 mi.)	11	59

Lower Elevation	Address	Direction / Distance	Map ID	Page
AUTO PILOT ADS	5603 COMPASS WAY	NNW 0 - 1/8 (0.082 mi.)	12	59

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST: The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Idaho.

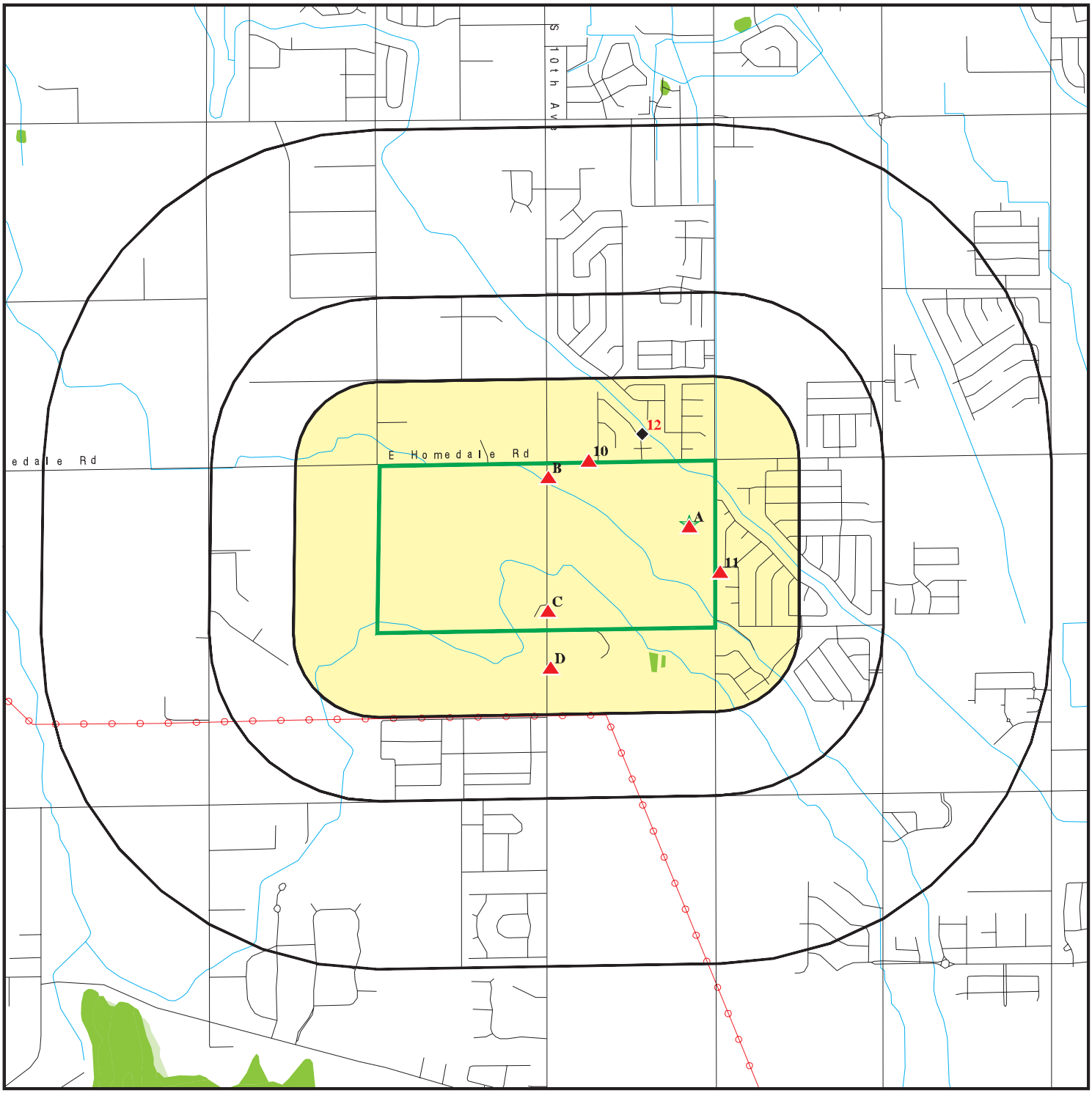
A review of the RGA LUST list, as provided by EDR, has revealed that there are 2 RGA LUST sites within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SW ID RESEARCH & EXT Facility ID: 9140235 Facility ID: 9140235.0	16552 S 10TH ST	0 - 1/8 (0.000 mi.)	C6	55
SW ID RESEARCH & EXT Facility ID: 3-140235	16952 S 10TH ST	0 - 1/8 (0.000 mi.)	B9	58

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 4968348.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Caine Center	CLIENT: 191 North, LLC
ADDRESS: 1020 E. Homedale Rd. Caldwell ID 83607	CONTACT: Seth Brundige
LAT/LONG: 43.615939 / 116.684446	INQUIRY #: 4968348.2s
	DATE: June 16, 2017 7:27 am

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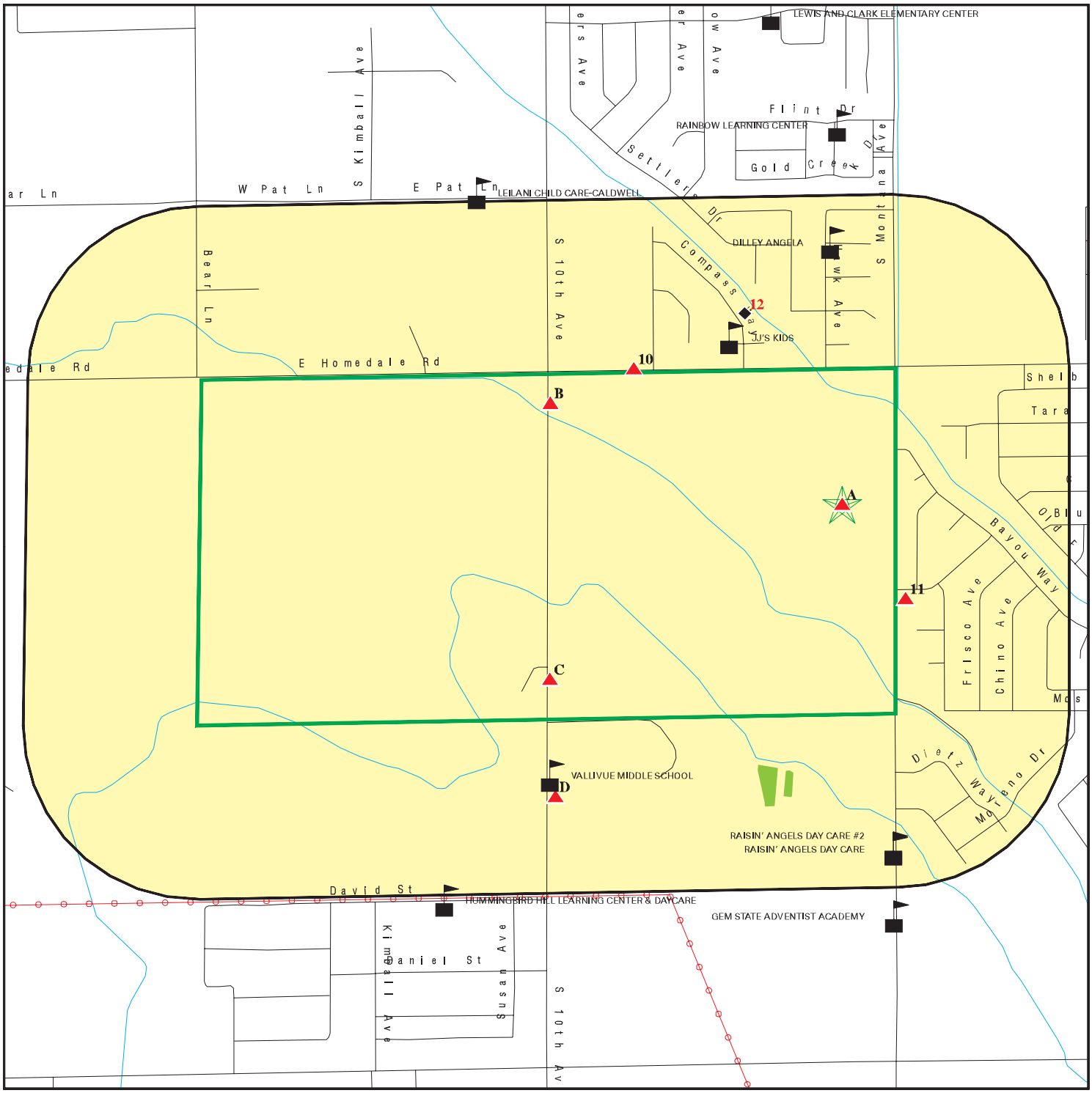
DETAIL MAP - 4968348.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

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LAT/LONG: 43.615939 / 116.684446	INQUIRY #: 4968348.2s
	DATE: June 16, 2017 7:28 am

Copyright © 2017 EDR, Inc. © 2015 TomTom Rel. 2015.

MAP FINDINGS SUMMARY

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	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250	1	0	0	NR	NR	NR	1
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		1	0	0	NR	NR	1
LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250		2	0	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
HIST LF	0.500		0	0	0	NR	NR	0
SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
ALLSITES	0.500	1	2	0	0	NR	NR	3
CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		1	NR	NR	NR	NR	1
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	0	NR	NR	NR	1
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FINDS	0.001	2	1	NR	NR	NR	NR	3
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001	1	1	NR	NR	NR	NR	2
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
TIER 2	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		3	NR	NR	NR	NR	3
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		2	NR	NR	NR	NR	2
- Totals --		5	14	0	0	0	0	19

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

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

A1 **UNIVERSITY OF IDAHO - CAINE** **FINDS** **1015838720**
Target **1020 HOMEDALE ROAD** **N/A**
Property **CALDWELL, ID 83605**

Site 1 of 3 in cluster A

Actual:
2468 ft.

FINDS:

Registry ID: 110046355653

Environmental Interest/Information System
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A2 **ID UI CAINE VTRC** **ALLSITES** **S113713418**
Target **1020 E HOMEDALE RD** **N/A**
Property **CALDWELL, ID**

Site 2 of 3 in cluster A

Actual:
2468 ft.

ALLSITES:
Facility Id: 2011BAZ3127
Site ID: RCRA Hazardous Waste Site
All Programs for site: RCRA Hazardous Waste Site
Latitude/Longitude: 43.617487 / -116.683885

A3 **ID UI CAINE VTRC** **RCRA-CESQG** **1004691824**
Target **1020 E HOMEDALE RD** **FINDS** **IDD984667964**
Property **CALDWELL, ID 83605** **ECHO**

Site 3 of 3 in cluster A

Actual:
2468 ft.

RCRA-CESQG:
Date form received by agency: 11/01/2005
Facility name: ID UI CAINE VTRC
Facility address: 1020 E HOMEDALE RD
CALDWELL, ID 83605
EPA ID: IDD984667964
Mailing address: PO BOX 442030
SAFETY OFFICE
MOSCOW, ID 83843
Contact: FRED HUTCHISON
Contact address: PO BOX 442030 SAFETY OFFICE
MOSCOW, ID 83843
Contact country: US
Contact telephone: (208) 885-6524
Contact email: Not reported
EPA Region: 10
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any

ID UI CAINE VTRC (Continued) **1004691824**

land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	UNIVERSITY OF IDAHO
Owner/operator address:	Not reported
	ID
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	State
Owner/Operator Type:	Operator
Owner/Op start date:	03/29/1991
Owner/Op end date:	Not reported

Owner/operator name:	STATE OF ID BOARD OF REGENTS
Owner/operator address:	LEN B JORDAN BLDG ROOM 307
	BOISE, ID 83720
Owner/operator country:	Not reported
Owner/operator telephone:	(208) 334-2270
Legal status:	State
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

. Waste code:	D001
. Waste name:	IGNITABLE WASTE

. Waste code:	D002
. Waste name:	CORROSIVE WASTE

. Waste code:	D003
. Waste name:	REACTIVE WASTE

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. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D012
. Waste name: ENDRIN
(1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-EN
O, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)

. Waste code: D013
. Waste name: LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)

. Waste code: D014
. Waste name: METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE)

. Waste code: D015
. Waste name: TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT
CHLORINE)

. Waste code: D016
. Waste name: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

. Waste code: D017
. Waste name: 2,4,5-TP SILVEX (2,4,5-TRICHLOROPHENOXYPROPIONIC ACID)

. Waste code: D018
. Waste name: BENZENE

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: D020
. Waste name: CHLORDANE

. Waste code: D021
. Waste name: CHLOROBENZENE

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. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D023
. Waste name: O-CRESOL

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: D025
. Waste name: P-CRESOL

. Waste code: D026
. Waste name: CRESOL

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D030
. Waste name: 2,4-DINITROTOLUENE

. Waste code: D031
. Waste name: HEPTACHLOR (AND ITS EPOXIDE)

. Waste code: D032
. Waste name: HEXACHLOROBENZENE

. Waste code: D033
. Waste name: HEXACHLOROBUTADIENE

. Waste code: D034
. Waste name: HEXACHLOROETHANE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D036
. Waste name: NITROBENZENE

. Waste code: D037
. Waste name: PENTACHLOROPHENOL

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

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. Waste code: D041
. Waste name: 2,4,5-TRICHLOROPHENOL

. Waste code: D042
. Waste name: 2,4,6-TRICHLOROPHENOL

. Waste code: D043
. Waste name: VINYL CHLORIDE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS

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LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F027
. Waste name: DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT.)

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P002
. Waste name: 1-ACETYL-2-THIOUREA (OR) ACETAMIDE, N-(AMINOTHIOXOMETHYL)-

. Waste code: P003
. Waste name: 2-PROPENAL (OR) ACROLEIN

. Waste code: P004
. Waste name: 1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5ALPHA, 8ALPHA, 8ABETA)- (OR) ALDRIN

. Waste code: P005
. Waste name: 2-PROPEN-1-OL (OR) ALLYL ALCOHOL

. Waste code: P006
. Waste name: ALUMINUM PHOSPHIDE (R,T)

. Waste code: P007
. Waste name: 3(2H)-ISOXAZOLONE, 5-(AMINOMETHYL)- (OR) 5-(AMINOMETHYL)-3-ISOXAZOLOL

. Waste code: P008
. Waste name: 4-AMINOPYRIDINE (OR) 4-PYRIDINAMINE

. Waste code: P009
. Waste name: AMMONIUM PICRATE (R) (OR) PHENOL, 2,4,6-TRINITRO-, AMMONIUM SALT (R)

. Waste code: P011
. Waste name: ARSENIC OXIDE AS2O5 (OR) ARSENIC PENTOXIDE

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

. Waste code: P013
. Waste name: BARIUM CYANIDE

. Waste code: P014
. Waste name: BENZENETHIOL (OR) THIOPHENOL

. Waste code: P015
. Waste name: BERYLLIUM

. Waste code: P016

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. Waste name: DICHLOROMETHYL ETHER (OR) METHANE, OXYBIS[CHLORO-

. Waste code: P017
. Waste name: 2-PROPANONE, 1-BROMO- (OR) BROMOACETONE

. Waste code: P018
. Waste name: BRUCINE (OR) STRYCHNIDIN-10-ONE, 2,3-DIMETHOXY-

. Waste code: P020
. Waste name: DINOSEB (OR) PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-

. Waste code: P021
. Waste name: CALCIUM CYANIDE (OR) CALCIUM CYANIDE CA(CN)2

. Waste code: P022
. Waste name: CARBON DISULFIDE

. Waste code: P023
. Waste name: ACETALDEHYDE, CHLORO- (OR) CHLOROACETALDEHYDE

. Waste code: P024
. Waste name: BENZENAMINE, 4-CHLORO- (OR) P-CHLORANILINE

. Waste code: P026
. Waste name: 1-(O-CHLOROPHENYL)THIOUREA (OR) THIOUREA, (2-CHLOROPHENYL)-

. Waste code: P027
. Waste name: 3-CHLOROPROPIONITRILE (OR) PROPANENITRILE, 3-CHLORO-

. Waste code: P028
. Waste name: BENZENE, (CHLOROMETHYL)- (OR) BENZYL CHLORIDE

. Waste code: P029
. Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P031
. Waste name: CYANOGEN (OR) ETHANEDINITRILE

. Waste code: P033
. Waste name: CYANOGEN CHLORIDE (OR) CYANOGEN CHLORIDE (CN)CL

. Waste code: P034
. Waste name: 2-CYCLOHEXYL-4,6-DINITROPHENOL (OR) PHENOL, 2-CYCLOHEXYL-4,6-DINITRO-

. Waste code: P036
. Waste name: ARSONOUS DICHLORIDE, PHENYL- (OR) DICHLOROPHENYLARSINE

. Waste code: P037
. Waste name: 2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE,
3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA,
2BETA, 2AALPHA, 3BETA, 6BETA, 6AALPHA, 7BETA, 7AALPHA)- (OR) DIELDRIN

. Waste code: P038
. Waste name: ARSINE, DIETHYL- (OR) DIETHYLARSINE

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. Waste code: P039
. Waste name: DISULFOTON (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[2-(ETHYLTHIO)ETHYL] ESTER

. Waste code: P040
. Waste name: O,O-DIETHYL O-PYRAZINYL PHOSPHOROTHIOATE (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-PYRAZINYL ESTER

. Waste code: P041
. Waste name: DIETHYL-P-NITROPHENYL PHOSPHATE (OR) PHOSPHORIC ACID, DIETHYL 4-NITROPHENYL ESTER

. Waste code: P042
. Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

. Waste code: P043
. Waste name: DIISOPROPYLFLUOROPHOSPHATE (DFP) (OR) PHOSPHOROFLUORIDIC ACID, BIS(1-METHYLETHYL) ESTER

. Waste code: P044
. Waste name: DIMETHOATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-2-OXOETHYL] ESTER

. Waste code: P045
. Waste name: 2-BUTANONE, 3,3-DIMETHYL-1-(METHYLTHIO)-, O-[METHYLAMINO)CARBONYL] OXIME (OR) THIOFANOX

. Waste code: P046
. Waste name: ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-

. Waste code: P047
. Waste name: 4,6-DINITRO-O-CRESOL, & SALTS (OR) PHENOL, 2-METHYL-4,6-DINITRO-, & SALTS

. Waste code: P048
. Waste name: 2,4-DINITROPHENOL (OR) PHENOL, 2,4-DINITRO-

. Waste code: P049
. Waste name: DITHIOBIURET (OR) THIOIMIDODICARBONIC DIAMIDE [(H2N)C(S)]2NH

. Waste code: P050
. Waste name: 6,9-METHANO-2,4,3-BENZODIOXATHIEPIN,6,7,8,9,10,10-HEXACHLORO-1,5,5A,6, ,9A-HEXAHYDRO-,3-OXIDE (OR) ENDOSULFAN

. Waste code: P051
. Waste name: 2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2ABETA, 3ALPHA, 6ALPHA, 6ABETA, 7BETA, 7AALPHA)- & METABOLITES (OR) ENDRIN (OR) ENDRIN, & METABOLITES

. Waste code: P054
. Waste name: AZIRIDINE (OR) ETHYLENEIMINE

. Waste code: P056
. Waste name: FLUORINE

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. Waste code: P057
. Waste name: ACETAMIDE, 2-FLUORO- (OR) FLUOROACETAMIDE

. Waste code: P058
. Waste name: ACETIC ACID, FLUORO-, SODIUM SALT (OR) FLUOROACETIC ACID, SODIUM SALT

. Waste code: P059
. Waste name: 4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO- (OR) HEPTACHLOR

. Waste code: P060
. Waste name: 1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5BETA, 8BETA, 8ABETA)- (OR) ISODRIN

. Waste code: P062
. Waste name: HEXAETHYL TETRAPHOSPHATE (OR) TETRAPHOSPHORIC ACID, HEXAETHYL ESTER

. Waste code: P063
. Waste name: HYDROCYANIC ACID (OR) HYDROGEN CYANIDE

. Waste code: P064
. Waste name: METHANE, ISOCYANATO- (OR) METHYL ISOCYANATE

. Waste code: P065
. Waste name: FULMINIC ACID, MERCURY(2+) SALT (R,T) (OR) MERCURY FULMINATE (R,T)

. Waste code: P066
. Waste name: ETHANIMIDOTHIOIC ACID, N-[[(METHYLAMINO)CARBONYL]OXY]-, METHYL ESTER (OR) METHOMYL

. Waste code: P067
. Waste name: 1,2-PROPYLENIMINE (OR) AZIRIDINE, 2-METHYL-

. Waste code: P068
. Waste name: HYDRAZINE, METHYL- (OR) METHYL HYDRAZINE

. Waste code: P069
. Waste name: 2-METHYLLACTONITRILE (OR) PROPANENITRILE, 2-HYDROXY-2-METHYL-

. Waste code: P070
. Waste name: ALDICARB (OR) PROPANAL, 2-METHYL-2-(METHYLTHIO)-, O-[(METHYLAMINO)CARBONYL]OXIME

. Waste code: P071
. Waste name: METHYL PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O,-DIMETHYL O-(4-NITROPHENYL) ESTER

. Waste code: P072
. Waste name: ALPHA-NAPHTHYLTHIOUREA (OR) THIOUREA, 1-NAPHTHALENYL-

. Waste code: P073
. Waste name: NICKEL CARBONYL (OR) NICKEL CARBONYL NI(CO)4, (T-4)-

. Waste code: P075
. Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

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. Waste code: P076
. Waste name: NITRIC OXIDE (OR) NITROGEN OXIDE NO

. Waste code: P077
. Waste name: BENZENAMINE, 4-NITRO- (OR) P-NITROANILINE

. Waste code: P078
. Waste name: NITROGEN DIOXIDE (OR) NITROGEN OXIDE NO2

. Waste code: P081
. Waste name: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

. Waste code: P082
. Waste name: METHANIMINE, N-METHYL-N-NITROSO- (OR) N-NITROSODIMETHYLAMINE

. Waste code: P084
. Waste name: N-NITROSOMETHYLVINYLAMINE (OR) VINYLAMINE, N-METHYL-N-NITROSO-

. Waste code: P085
. Waste name: DIPHOSPHORAMIDE, OCTAMETHYL- (OR) OCTAMETHYLPYROPHOSPHORAMIDE

. Waste code: P087
. Waste name: OSMIUM OXIDE OSO4, (T-4)- (OR) OSMIUM TETROXIDE

. Waste code: P088
. Waste name: 7-OXABICYCLO[2.2.1]HEPTANE-2,3-DICARBOXYLIC ACID (OR) ENDOTHALL

. Waste code: P089
. Waste name: PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL-O-(4-NITROPHENYL) ESTER

. Waste code: P092
. Waste name: MERCURY, (ACETATO-O)PHENYL- (OR) PHENYLMERCURY ACETATE

. Waste code: P093
. Waste name: PHENYLTHIOUREA (OR) THIOUREA, PHENYL-

. Waste code: P094
. Waste name: PHORATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[(ETHYLTHIO)METHYL] ESTER

. Waste code: P095
. Waste name: CARBONIC DICHLORIDE (OR) PHOSGENE

. Waste code: P096
. Waste name: HYDROGEN PHOSPHIDE (OR) PHOSPHINE

. Waste code: P097
. Waste name: FAMPHUR (OR) PHOSPHOROTHIOIC ACID O-[4-[(DIMETHYLAMINO)SULFONYL]PHENYL] O,O-DIMETHYL ESTER

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P099
. Waste name: ARGENTATE (1-), BIS(CYANO-C)-, POTASSIUM (OR) POTASSIUM SILVER CYANIDE

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. Waste code: P101
. Waste name: ETHYL CYANIDE (OR) PROPANENITRILE

. Waste code: P102
. Waste name: 2-PROPYN-1-OL (OR) PROPARGYL ALCOHOL

. Waste code: P103
. Waste name: SELENOUREA

. Waste code: P104
. Waste name: SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)

. Waste code: P105
. Waste name: SODIUM AZIDE

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: P107
. Waste name: STRONTIUM SULFIDE SRS

. Waste code: P108
. Waste name: STRYCHNIDIN-10-ONE, & SALTS (OR) STRYCHNINE, & SALTS

. Waste code: P109
. Waste name: TETRAETHYLDITHIOPYROPHOSPHATE (OR) THIODIPHOSPHORIC ACID, TETRAETHYL ESTER

. Waste code: P110
. Waste name: PLUMBANE, TETRAETHYL- (OR) TETRAETHYL LEAD

. Waste code: P111
. Waste name: DIPHOSPHORIC ACID, TETRAETHYL ESTER (OR) TETRAETHYL PYROPHOSPHATE

. Waste code: P112
. Waste name: METHANE, TETRANITRO- (R) (OR) TETRANITROMETHANE (R)

. Waste code: P113
. Waste name: THALLIC OXIDE (OR) THALLIUM OXIDE TL2O3

. Waste code: P114
. Waste name: SELENIOUS ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SELENITE

. Waste code: P115
. Waste name: SULFURIC ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SULFATE

. Waste code: P116
. Waste name: HYDRAZINECARBOTHIOAMIDE (OR) THIOSEMICARBAZIDE

. Waste code: P118
. Waste name: METHANETHIOL, TRICHLORO- (OR) TRICHLOROMETHANETHIOL

. Waste code: P119
. Waste name: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

. Waste code: P120
. Waste name: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

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. Waste code: P121
. Waste name: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

. Waste code: P122
. Waste name: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 10% (R,T)

. Waste code: P123
. Waste name: TOXAPHENE

. Waste code: U001
. Waste name: ACETALDEHYDE (I) (OR) ETHANAL (I)

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U003
. Waste name: ACETONITRILE (I,T)

. Waste code: U004
. Waste name: ACETOPHENONE (OR) ETHANONE, 1-PHENYL-

. Waste code: U005
. Waste name: 2-ACETYLAMINOFLUORENE (OR) ACETAMIDE, N-9H-FLUOREN-2-YL

. Waste code: U006
. Waste name: ACETYL CHLORIDE (C,R,T)

. Waste code: U007
. Waste name: 2-PROPENAMIDE (OR) ACRYLAMIDE

. Waste code: U008
. Waste name: 2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)

. Waste code: U009
. Waste name: 2-PROPENENITRILE (OR) ACRYLONITRILE

. Waste code: U010
. Waste name: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

. Waste code: U011
. Waste name: 1H-1,2,4-TRIAZOL-3-AMINE (OR) AMITROLE

. Waste code: U012
. Waste name: ANILINE (I,T) (OR) BENZENAMINE (I,T)

. Waste code: U014
. Waste name: AURAMINE (OR) BENZENAMINE, 4,4'-CARBONIMIDOYLBIS[N,N-DIMETHYL-

. Waste code: U015
. Waste name: AZASERINE (OR) L-SERINE, DIAZOACETATE (ESTER)

. Waste code: U016
. Waste name: BENZ[C]ACRIDINE

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. Waste code: U017
. Waste name: BENZAL CHLORIDE (OR) BENZENE, (DICHLOROMETHYL)-

. Waste code: U018
. Waste name: BENZ[A]ANTHRACENE

. Waste code: U019
. Waste name: BENZENE (I,T)

. Waste code: U020
. Waste name: BENZENESULFONIC ACID CHLORIDE (C,R) (OR) BENZENESULFONYL CHLORIDE (C,R)

. Waste code: U021
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE (OR) BENZIDINE

. Waste code: U022
. Waste name: BENZO[A]PYRENE

. Waste code: U023
. Waste name: BENZENE, (TRICHLOROMETHYL)- (OR) BENZOTRICHLORIDE (C,R,T)

. Waste code: U024
. Waste name: DICHLOROMETHOXY ETHANE (OR) ETHANE, 1,1'-[METHYLENEBIS(OXY)]BIS[2-CHLORO-

. Waste code: U025
. Waste name: DICHLOROETHYL ETHER (OR) ETHANE, 1,1'-OXYBIS[2-CHLORO-

. Waste code: U026
. Waste name: CHLORNAPHAZIN (OR) NAPHTHALENAMINE, N,N'-BIS(2-CHLOROETHYL)-

. Waste code: U027
. Waste name: DICHLOROISOPROPYL ETHER (OR) PROPANE, 2,2'-OXYBIS[2-CHLORO-

. Waste code: U028
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE

. Waste code: U029
. Waste name: METHANE, BROMO- (OR) METHYL BROMIDE

. Waste code: U030
. Waste name: 4-BROMOPHENYL PHENYL ETHER (OR) BENZENE, 1-BROMO-4-PHENOXY-

. Waste code: U031
. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

. Waste code: U032
. Waste name: CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT

. Waste code: U033
. Waste name: CARBON OXYFLUORIDE (R,T) (OR) CARBONIC DIFLUORIDE

. Waste code: U034
. Waste name: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

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. Waste code: U035
. Waste name: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

. Waste code: U036
. Waste name: 4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE, ALPHA & GAMMA ISOMERS

. Waste code: U037
. Waste name: BENZENE, CHLORO- (OR) CHLOROBENZENE

. Waste code: U038
. Waste name: BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-ALPHA-HYDROXY-, ETHYL ESTER (OR) CHLOROBENZILATE

. Waste code: U039
. Waste name: P-CHLORO-M-CRESOL (OR) PHENOL, 4-CHLORO-3-METHYL-

. Waste code: U041
. Waste name: EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-

. Waste code: U042
. Waste name: 2-CHLOROETHYL VINYL ETHER (OR) ETHENE, (2-CHLOROETHOXY)-

. Waste code: U043
. Waste name: ETHENE, CHLORO- (OR) VINYL CHLORIDE

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

. Waste code: U045
. Waste name: METHANE, CHLORO- (I,T) (OR) METHYL CHLORIDE (I,T)

. Waste code: U046
. Waste name: CHLOROMETHYL METHYL ETHER (OR) METHANE, CHLOROMETHOXY-

. Waste code: U047
. Waste name: BETA-CHLORONAPHTHALENE (OR) NAPHTHALENE, 2-CHLORO-

. Waste code: U048
. Waste name: O-CHLOROPHENOL (OR) PHENOL, 2-CHLORO-

. Waste code: U049
. Waste name: 4-CHLORO-O-TOLUIDINE, HYDROCHLORIDE (OR) BENZENAMINE, 4-CHLORO-2-METHYL-, HYDROCHLORIDE

. Waste code: U050
. Waste name: CHRYSENE

. Waste code: U051
. Waste name: CREOSOTE

. Waste code: U052
. Waste name: CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-

. Waste code: U053
. Waste name: 2-BUTENAL (OR) CROTONALDEHYDE

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. Waste code: U055
. Waste name: BENZENE, (1-METHYLETHYL)- (I) (OR) CUMENE (I)

. Waste code: U056
. Waste name: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

. Waste code: U057
. Waste name: CYCLOHEXANONE (I)

. Waste code: U058
. Waste name: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

. Waste code: U059
. Waste name: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

. Waste code: U060
. Waste name: BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDD

. Waste code: U061
. Waste name: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDT

. Waste code: U062
. Waste name: CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-, S-(2,3-DICHLORO-2-PROPENYL) ESTER (OR) DIALLATE

. Waste code: U063
. Waste name: DIBENZ[A,H]ANTHRACENE

. Waste code: U064
. Waste name: BENZO[RST]PENTAPHENE (OR) DIBENZO[A,I]PYRENE

. Waste code: U066
. Waste name: 1,2-DIBROMO-3-CHLOROPROPANE (OR) PROPANE, 1,2-DIBROMO-3-CHLORO-

. Waste code: U067
. Waste name: ETHANE, 1,2-DIBROMO- (OR) ETHYLENE DIBROMIDE

. Waste code: U068
. Waste name: METHANE, DIBROMO- (OR) METHYLENE BROMIDE

. Waste code: U069
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE

. Waste code: U070
. Waste name: BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE

. Waste code: U071
. Waste name: BENZENE, 1,3-DICHLORO- (OR) M-DICHLOROBENZENE

. Waste code: U072
. Waste name: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

. Waste code: U073

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. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DICHLORO- (OR) 3,3'-DICHLOROBENZIDINE

. Waste code: U074
. Waste name: 1,4-DICHLORO-2-BUTENE (I,T) (OR) 2-BUTENE, 1,4-DICHLORO- (I,T)

. Waste code: U075
. Waste name: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

. Waste code: U076
. Waste name: ETHANE, 1,1-DICHLORO- (OR) ETHYLIDENE DICHLORIDE

. Waste code: U077
. Waste name: ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE

. Waste code: U078
. Waste name: 1,1-DICHLOROETHYLENE (OR) ETHENE, 1,1-DICHLORO-

. Waste code: U079
. Waste name: 1,2-DICHLOROETHYLENE (OR) ETHENE, 1,2-DICHLORO-,(E)-

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U081
. Waste name: 2,4-DICHLOROPHENOL (OR) PHENOL, 2,4-DICHLORO-

. Waste code: U082
. Waste name: 2,6-DICHLOROPHENOL (OR) PHENOL, 2,6-DICHLORO-

. Waste code: U083
. Waste name: PROPANE, 1,2-DICHLORO- (OR) PROPYLENE DICHLORIDE

. Waste code: U084
. Waste name: 1,3-DICHLOROPROPENE (OR) 1-PROPENE, 1,3-DICHLORO-

. Waste code: U085
. Waste name: 1,2:3,4-DIEPOXYBUTANE (I,T) (OR) 2,2'-BIOXIRANE

. Waste code: U086
. Waste name: HYDRAZINE, 1,2-DIETHYL- (OR) N,N'-DIETHYLHYDRAZINE

. Waste code: U087
. Waste name: O,O-DIETHYL S-METHYL DITHIOPHOSPHATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-METHYL ESTER

. Waste code: U088
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER (OR) DIETHYL PHTHALATE

. Waste code: U089
. Waste name: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

. Waste code: U090
. Waste name: 1,3-BENZODIOXOLE, 5-PROPYL- (OR) DIHYDROSAFROLE

. Waste code: U091

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. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHOXY- (OR) 3,3'-DIMETHOXYBENZIDINE

. Waste code: U092
. Waste name: DIMETHYLAMINE (I) (OR) METHANAMINE, N-METHYL- (I)

. Waste code: U093
. Waste name: BENZENAMINE, N,N-DIMETHYL-4-(PHENYLAZO)- (OR) P-DIMETHYLAMINOAZOBENZENE

. Waste code: U094
. Waste name: 7,12-DIMETHYLBENZ[A]ANTHRACENE (OR) BENZ[A]ANTHRACENE, 7,12-DIMETHYL-

. Waste code: U095
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHYL- (OR) 3,3'-DIMETHYLBENZIDINE

. Waste code: U096
. Waste name: ALPHA,ALPHA-DIMETHYLBENZYLHYDROPEROXIDE (R) (OR) HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL- (R)

. Waste code: U097
. Waste name: CARBAMIC CHLORIDE, DIMETHYL- (OR) DIMETHYLCARBAMOYL CHLORIDE

. Waste code: U098
. Waste name: 1,1-DIMETHYLHYDRAZINE (OR) HYDRAZINE, 1,1-DIMETHYL-

. Waste code: U099
. Waste name: 1,2-DIMETHYLHYDRAZINE (OR) HYDRAZINE, 1,2-DIPHENYL-

. Waste code: U101
. Waste name: 2,4-DIMETHYLPHENOL (OR) PHENOL, 2,4-DIMETHYL-

. Waste code: U102
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE

. Waste code: U103
. Waste name: DIMETHYL SULFATE (OR) SULFURIC ACID, DIMETHYL ESTER

. Waste code: U105
. Waste name: 2,4-DINITROTOLUENE (OR) BENZENE, 1-METHYL-2,4-DINITRO-

. Waste code: U106
. Waste name: 2,6-DINITROTOLUENE (OR) BENZENE, 2-METHYL-1,3-DINITRO-

. Waste code: U107
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER (OR) DI-N-OCTYL PHTHALATE

. Waste code: U108
. Waste name: 1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE

. Waste code: U109
. Waste name: 1,2-DIPHENYLHYDRAZINE (OR) HYDRAZINE, 1,2-DIPHENYL-

. Waste code: U110
. Waste name: 1-PROPANIMINE, N-PROPYL-(I) (OR) DIPROPYLAMINE (I)

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. Waste code: U111
. Waste name: 1-PROPANAMINE, N-NITROSO-N-PROPYL- (OR) DI-N-PROPYLNITROSAMINE

. Waste code: U112
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

. Waste code: U113
. Waste name: 2-PROPENOIC ACID, ETHYL ESTER (I) (OR) ETHYL ACRYLATE (I)

. Waste code: U114
. Waste name: CARBAMODITHIOIC ACID, 1,2-ETHANEDIYLBIS-, SALTS & ESTERS (OR) ETHYLENEBISDITHIOCARBAMIC ACID, SALTS & ESTERS

. Waste code: U115
. Waste name: ETHYLENE OXIDE (I,T) (OR) OXIRANE (I,T)

. Waste code: U116
. Waste name: 2-IMIDAZOLIDINETHIONE (OR) ETHYLENETHIOUREA

. Waste code: U117
. Waste name: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

. Waste code: U118
. Waste name: 2-PROPENOIC ACID, 2-METHYL-, ETHYL ESTER (OR) ETHYL METHACRYLATE

. Waste code: U119
. Waste name: ETHYL METHANESULFONATE (OR) METHANESULFONIC ACID, ETHYL ESTER

. Waste code: U120
. Waste name: FLUORANTHENE

. Waste code: U121
. Waste name: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U123
. Waste name: FORMIC ACID (C,T)

. Waste code: U124
. Waste name: FURAN (I) (OR) FURFURAN (I)

. Waste code: U125
. Waste name: 2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)

. Waste code: U126
. Waste name: GLYCIDYLALDEHYDE (OR) OXIRANECARBOXYALDEHYDE

. Waste code: U127
. Waste name: BENZENE, HEXACHLORO- (OR) HEXACHLOROBENZENE

. Waste code: U128
. Waste name: 1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO- (OR) HEXACHLOROBUTADIENE

. Waste code: U129
. Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA,

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5ALPHA, 6BETA)- (OR) LINDANE

. Waste code: U130
. Waste name: 1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO- (OR) HEXACHLOROCYCLOPENTADIENE

. Waste code: U131
. Waste name: ETHANE, HEXACHLORO- (OR) HEXACHLOROETHANE

. Waste code: U132
. Waste name: HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-

. Waste code: U133
. Waste name: HYDRAZINE (R,T)

. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

. Waste code: U135
. Waste name: HYDROGEN SULFIDE (OR) HYDROGEN SULFIDE H2S

. Waste code: U136
. Waste name: ARSINIC ACID, DIMETHYL- (OR) CACODYLIC ACID

. Waste code: U137
. Waste name: INDENO[1,2,3-CD]PYRENE

. Waste code: U138
. Waste name: METHANE, IODO- (OR) METHYL IODIDE

. Waste code: U139
. Waste name: Not Defined

. Waste code: U140
. Waste name: 1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)

. Waste code: U141
. Waste name: 1,3-BENZODIOXOLE, 5-(1-PROPENYL)- (OR) ISOSAFROLE

. Waste code: U142
. Waste name: 1,3,4-METHENO-2H-CYCLOBUTA[CD]PENTALEN-2-ONE, 1,1A,3,3A,4,5,5,5A,5B,6-DECACHLOROOCTAHYDRO- (OR) KEPONE

. Waste code: U143
. Waste name: 2-BUTENOIC ACID, 2-METHYL-, 7-[[2,3-DIHYDROXY-2-(1-METHOXYETHYL)-3-METHYL-1-OXOBUTOXY]METHYL]-2,3, ,7A-TETRAHYDRO-1H-PYRROLIZIN-1-YL ESTER, [1S-[1ALPHA(Z), 7(2S*,3R*), 7AALPHA]]- (OR) LASIOCARPINE

. Waste code: U144
. Waste name: ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE

. Waste code: U145
. Waste name: LEAD PHOSPHATE (OR) PHOSPHORIC ACID, LEAD(2+) SALT (2:3)

. Waste code: U146
. Waste name: LEAD SUBACETATE (OR) LEAD, BIS(ACETATO-O)TETRAHYDROXYTRI-

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. Waste code: U147
. Waste name: 2,5-FURANDIONE (OR) MALEIC ANHYDRIDE

. Waste code: U148
. Waste name: 3,6-PYRIDAZINEDIONE, 1,2-DIHYDRO- (OR) MALEIC HYDRAZIDE

. Waste code: U149
. Waste name: MALONONITRILE (OR) PROPANEDINITRILE

. Waste code: U150
. Waste name: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

. Waste code: U151
. Waste name: MERCURY

. Waste code: U152
. Waste name: 2-PROPENENITRILE, 2-METHYL- (I,T) (OR) METHACRYLONITRILE (I,T)

. Waste code: U153
. Waste name: METHANETHIOL (I,T) (OR) THIOMETHANOL (I,T)

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U155
. Waste name: 1,2-ETHANEDIAMINE, N,N-DIMETHYL-N'-2-PYRIDINYL-N'-(2-THIENYLMETHYL)-
(OR) METHAPYRILENE

. Waste code: U156
. Waste name: CARBONOCHLORIDIC ACID, METHYL ESTER, (I,T) (OR) METHYL CHLOROCARBONATE
(I,T)

. Waste code: U157
. Waste name: 3-METHYLCHOLANTHRENE (OR) BENZ[J]ACEANTHRYLENE, 1,2-DIHYDRO-3-METHYL-

. Waste code: U158
. Waste name: 4,4'-METHYLENEBIS(2-CHLOROANILINE) (OR) BENZENAMINE,
4,4'-METHYLENEBIS[2-CHLORO-

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U160
. Waste name: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)

. Waste code: U161
. Waste name: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR)
PENTANOL, 4-METHYL-

. Waste code: U162
. Waste name: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL
METHACRYLATE (I,T)

. Waste code: U163
. Waste name: GUANIDINE, N-METHYL-N'-NITRO-N-NITROSO- (OR) MNNG

. Waste code: U164

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. Waste name: 4(1H)-PYRIMIDINONE, 2,3-DIHYDRO-6-METHYL-2-THIOXO- (OR) METHYLTHIOURACIL

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U166
. Waste name: 1,4-NAPHTHALENEDIONE (OR) 1,4-NAPHTHOQUINONE

. Waste code: U167
. Waste name: 1-NAPTHALENAMINE (OR) ALPHA-NAPHTHYLAMINE

. Waste code: U168
. Waste name: 2-NAPTHALENAMINE (OR) BETA-NAPHTHYLAMINE

. Waste code: U169
. Waste name: BENZENE, NITRO- (OR) NITROBENZENE (I,T)

. Waste code: U170
. Waste name: P-NITROPHENOL (I,T) (OR) PHENOL, 4-NITRO-

. Waste code: U171
. Waste name: 2-NITROPROPANE (I,T) (OR) PROPANE, 2-NITRO- (I,T)

. Waste code: U172
. Waste name: 1-BUTANAMINE, N-BUTYL-N-NITROSO- (OR) N-NITROSODI-N-BUTYLAMINE

. Waste code: U173
. Waste name: ETHANOL, 2,2'-(NITROSOIMINO)BIS- (OR) N-NITROSODIETHANOLAMINE

. Waste code: U174
. Waste name: ETHANAMINE, N-ETHYL-N-NITROSO- (OR) N-NITROSODIETHYLAMINE

. Waste code: U176
. Waste name: N-NITROSO-N-ETHYLUREA (OR) UREA, N-ETHYL-N-NITROSO-

. Waste code: U177
. Waste name: N-NITROSO-N-METHYLUREA (OR) UREA, N-METHYL-N-NITROSO-

. Waste code: U178
. Waste name: CARBAMIC ACID, METHYLNITROSO-, ETHYL ESTER (OR) N-NITROSO-N-METHYLURETHANE

. Waste code: U179
. Waste name: N-NITROSOPIPERIDINE (OR) PIPERIDINE, 1-NITROSO-

. Waste code: U180
. Waste name: N-NITROSOPYRROLIDINE (OR) PYRROLIDINE, 1-NITROSO-

. Waste code: U181
. Waste name: 5-NITRO-O-TOLUIDINE (OR) BENZENAMINE, 2-METHYL-5-NITRO

. Waste code: U182
. Waste name: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

. Waste code: U183
. Waste name: BENZENE, PENTACHLORO- (OR) PENTACHLOROBENZENE

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. Waste code: U184
. Waste name: ETHANE, PENTACHLORO- (OR) PENTACHLOROETHANE

. Waste code: U185
. Waste name: BENZENE, PENTACHLORONITRO- (OR) PENTACHLORONITROBENZENE (PCNB)

. Waste code: U186
. Waste name: 1,3-PENTADIENE (I) (OR) 1-METHYLBUTADIENE (I)

. Waste code: U187
. Waste name: ACETAMIDE, N-(4-ETHOXYPHENYL)- (OR) PHENACETIN

. Waste code: U188
. Waste name: PHENOL

. Waste code: U189
. Waste name: PHOSPHORUS SULFIDE (R) (OR) SULFUR PHOSPHIDE (R)

. Waste code: U190
. Waste name: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

. Waste code: U191
. Waste name: 2-PICOLINE (OR) PYRIDINE, 2-METHYL-

. Waste code: U192
. Waste name: BENZAMIDE, 3,5-DICHLORO-N-(1,1-DIMETHYL-2-PROPYNYL)- (OR) PRONAMIDE

. Waste code: U193
. Waste name: 1,2-OXATHIOLANE, 2,2-DIOXIDE (OR) 1,3-PROPANE SULTONE

. Waste code: U194
. Waste name: 1-PROPANAMINE (I,T) (OR) N-PROPYLAMINE (I,T)

. Waste code: U196
. Waste name: PYRIDINE

. Waste code: U197
. Waste name: 2,5-CYCLOHEXADIENE-1,4-DIONE (OR) P-BENZOQUINONE

. Waste code: U200
. Waste name: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

. Waste code: U201
. Waste name: 1,3-BENZENEDIOL (OR) RESORCINOL

. Waste code: U202
. Waste name: 1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, & SALTS (OR) SACCHARIN, & SALTS

. Waste code: U203
. Waste name: 1,3-BENZODIOXOLE, 5-(2-PROPENYL)- (OR) SAFROLE

. Waste code: U204
. Waste name: SELENIOUS ACID (OR) SELENIUM DIOXIDE

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. Waste code: U205
. Waste name: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

. Waste code: U206
. Waste name: D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN

. Waste code: U207
. Waste name: 1,2,4,5-TETRACHLOROBENZENE (OR) BENZENE, 1,2,4,5-TETRACHLORO-

. Waste code: U208
. Waste name: 1,1,1,2-TETRACHLOROETHANE (OR) ETHANE, 1,1,1,2-TETRACHLORO-

. Waste code: U209
. Waste name: 1,1,2,2-TETRACHLOROETHANE (OR) ETHANE, 1,1,2,2-TETRACHLORO-

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

. Waste code: U211
. Waste name: CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-

. Waste code: U213
. Waste name: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)

. Waste code: U214
. Waste name: ACETIC ACID, THALLIUM(1+) SALT (OR) THALLIUM(I) ACETATE

. Waste code: U215
. Waste name: CARBONIC ACID, DITHALLIUM(1+) SALT (OR) THALLIUM(I) CARBONATE

. Waste code: U216
. Waste name: THALLIUM CHLORIDE TLCL (OR) THALLIUM(I) CHLORIDE

. Waste code: U217
. Waste name: NITRIC ACID, THALLIUM(1+) SALT (OR) THALLIUM(I) NITRATE

. Waste code: U218
. Waste name: ETHANETHIOAMIDE (OR) THIOACETAMIDE

. Waste code: U219
. Waste name: THIOUREA

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U221
. Waste name: BENZENEDIAMINE, AR-METHYL- (OR) TOLUENEDIAMINE

. Waste code: U222
. Waste name: BENZENAMINE, 2-METHYL-, HYDROCHLORIDE (OR) O-TOLUIDINE HYDROCHLORIDE

. Waste code: U223
. Waste name: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)

. Waste code: U225

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. Waste name: BROMOFORM (OR) METHANE, TRIBROMO-

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

. Waste code: U227
. Waste name: 1,1,2-TRICHLOROETHANE (OR) ETHANE, 1,1,2-TRICHLORO-

. Waste code: U228
. Waste name: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

. Waste code: U234
. Waste name: 1,3,5-TRINITROBENZENE (R,T) (OR) BENZENE, 1,3,5-TRINITRO-

. Waste code: U235
. Waste name: 1-PROPANOL, 2,3-DIBROMO-, PHOSPHATE (3:1) (OR) TRIS(2,3,-DIBROMOPROPYL) PHOSPHATE

. Waste code: U236
. Waste name: 2,7-NAPHTHALENEDISULFONIC ACID,3,3'-[(3,3'-DIMETHYL[1,1'-BIPHENYL]-4,4'-DIYL)BIS(AZO)BIS[5-AMINO 4-HYDROXY]-, TETRASODIUM SALT (OR) TRYPAN BLUE

. Waste code: U237
. Waste name: 2,4-(1H,3H)-PYRIMIDINEDIONE, 5-[BIS(2-CHLOROETHYL)AMINO]- (OR) URACIL MUSTARD

. Waste code: U238
. Waste name: CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)

. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

. Waste code: U240
. Waste name: 2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D

. Waste code: U243
. Waste name: 1-PROPENE, 1,1,2,3,3,3-HEXACHLORO- (OR) HEXACHLOROPROPENE

. Waste code: U244
. Waste name: THIOPEROXYDICARBONIC DIAMIDE [(H2N)C(S)]2S2, TETRAMETHYL- (OR) THIRAM

. Waste code: U246
. Waste name: CYANOGEN BROMIDE (CN)BR

. Waste code: U247
. Waste name: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-METHOXY- (OR) METHOXYCHLOR

. Waste code: U248
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS

. Waste code: U249
. Waste name: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS

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. Waste code: U328
. Waste name: BENZENAMINE, 2-METHYL- (OR) O-TOLUIDINE

. Waste code: U353
. Waste name: BENZENAMINE, 4-METHYL- (OR) P-TOLUIDINE

. Waste code: U359
. Waste name: ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER

Historical Generators:
Date form received by agency: 03/29/1991
Site name: ID UI CAINE VTRC
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D012
. Waste name: ENDRIN
(1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-EN
O, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)

. Waste code: D013
. Waste name: LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)

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. Waste code: D014
. Waste name: METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE)

. Waste code: D015
. Waste name: TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)

. Waste code: D016
. Waste name: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

. Waste code: D017
. Waste name: 2,4,5-TP SILVEX (2,4,5-TRICHLOROPHENOXYPROPIONIC ACID)

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: D020
. Waste name: CHLORDANE

. Waste code: D021
. Waste name: CHLOROBENZENE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D023
. Waste name: O-CRESOL

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: D025
. Waste name: P-CRESOL

. Waste code: D026
. Waste name: CRESOL

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D030
. Waste name: 2,4-DINITROTOLUENE

. Waste code: D031
. Waste name: HEPTACHLOR (AND ITS EPOXIDE)

. Waste code: D032
. Waste name: HEXACHLOROBENZENE

. Waste code: D033
. Waste name: HEXACHLOROBUTADIENE

ID UI CAINE VTRC (Continued) **1004691824**

. Waste code: D034
. Waste name: HEXACHLOROETHANE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D036
. Waste name: NITROBENZENE

. Waste code: D037
. Waste name: PENTACHLOROPHENOL

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: D041
. Waste name: 2,4,5-TRICHLOROPHENOL

. Waste code: D042
. Waste name: 2,4,6-TRICHLOROPHENOL

. Waste code: D043
. Waste name: VINYL CHLORIDE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS

ID UI CAINE VTRC (Continued) **1004691824**

CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F027
. Waste name: DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT.)

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P002
. Waste name: 1-ACETYL-2-THIOUREA (OR) ACETAMIDE, N-(AMINOTHIOXOMETHYL)-

. Waste code: P003
. Waste name: 2-PROPENAL (OR) ACROLEIN

. Waste code: P004
. Waste name: 1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5ALPHA, 8ALPHA, 8ABETA)- (OR) ALDRIN

. Waste code: P005
. Waste name: 2-PROPEN-1-OL (OR) ALLYL ALCOHOL

. Waste code: P006
. Waste name: ALUMINUM PHOSPHIDE (R,T)

. Waste code: P007
. Waste name: 3(2H)-ISOXAZOLONE, 5-(AMINOMETHYL)- (OR) 5-(AMINOMETHYL)-3-ISOXAZOLOL

. Waste code: P008

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. Waste name: 4-AMINOPYRIDINE (OR) 4-PYRIDINAMINE

. Waste code: P009
. Waste name: AMMONIUM PICRATE (R) (OR) PHENOL, 2,4,6-TRINITRO-, AMMONIUM SALT (R)

. Waste code: P011
. Waste name: ARSENIC OXIDE AS2O5 (OR) ARSENIC PENTOXIDE

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

. Waste code: P013
. Waste name: BARIUM CYANIDE

. Waste code: P014
. Waste name: BENZENETHIOL (OR) THIOPHENOL

. Waste code: P015
. Waste name: BERYLLIUM

. Waste code: P016
. Waste name: DICHLOROMETHYL ETHER (OR) METHANE, OXYBIS[CHLORO-

. Waste code: P017
. Waste name: 2-PROPANONE, 1-BROMO- (OR) BROMOACETONE

. Waste code: P018
. Waste name: BRUCINE (OR) STRYCHNIDIN-10-ONE, 2,3-DIMETHOXY-

. Waste code: P020
. Waste name: DINOSEB (OR) PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-

. Waste code: P021
. Waste name: CALCIUM CYANIDE (OR) CALCIUM CYANIDE CA(CN)2

. Waste code: P022
. Waste name: CARBON DISULFIDE

. Waste code: P023
. Waste name: ACETALDEHYDE, CHLORO- (OR) CHLOROACETALDEHYDE

. Waste code: P024
. Waste name: BENZENAMINE, 4-CHLORO- (OR) P-CHLORANILINE

. Waste code: P026
. Waste name: 1-(O-CHLOROPHENYL)THIOUREA (OR) THIOUREA, (2-CHLOROPHENYL)-

. Waste code: P027
. Waste name: 3-CHLOROPROPIONITRILE (OR) PROPANENITRILE, 3-CHLORO-

. Waste code: P028
. Waste name: BENZENE, (CHLOROMETHYL)- (OR) BENZYL CHLORIDE

. Waste code: P029
. Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

. Waste code: P030

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. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P031
. Waste name: CYANOGEN (OR) ETHANEDINITRILE

. Waste code: P033
. Waste name: CYANOGEN CHLORIDE (OR) CYANOGEN CHLORIDE (CN)CL

. Waste code: P034
. Waste name: 2-CYCLOHEXYL-4,6-DINITROPHENOL (OR) PHENOL, 2-CYCLOHEXYL-4,6-DINITRO-

. Waste code: P036
. Waste name: ARSONOUS DICHLORIDE, PHENYL- (OR) DICHLOROPHENYLARSINE

. Waste code: P037
. Waste name: 2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2AALPHA, 3BETA, 6BETA, 6AALPHA, 7BETA, 7AALPHA)- (OR) DIELDRIN

. Waste code: P038
. Waste name: ARSINE, DIETHYL- (OR) DIETHYLARSINE

. Waste code: P039
. Waste name: DISULFOTON (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[2-(ETHYLTHIO)ETHYL] ESTER

. Waste code: P040
. Waste name: O,O-DIETHYL O-PYRAZINYL PHOSPHOROTHIOATE (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-PYRAZINYL ESTER

. Waste code: P041
. Waste name: DIETHYL-P-NITROPHENYL PHOSPHATE (OR) PHOSPHORIC ACID, DIETHYL 4-NITROPHENYL ESTER

. Waste code: P042
. Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

. Waste code: P043
. Waste name: DIISOPROPYLFLUOROPHOSPHATE (DFP) (OR) PHOSPHOROFLUORIDIC ACID, BIS(1-METHYLETHYL) ESTER

. Waste code: P044
. Waste name: DIMETHOATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-2-OXOETHYL] ESTER

. Waste code: P045
. Waste name: 2-BUTANONE, 3,3-DIMETHYL-1-(METHYLTHIO)-, O-[METHYLAMINO)CARBONYL] OXIME (OR) THIOFANOX

. Waste code: P046
. Waste name: ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-

. Waste code: P047
. Waste name: 4,6-DINITRO-O-CRESOL, & SALTS (OR) PHENOL, 2-METHYL-4,6-DINITRO-, & SALTS

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. Waste code: P048
. Waste name: 2,4-DINITROPHENOL (OR) PHENOL, 2,4-DINITRO-

. Waste code: P049
. Waste name: DITHIOBIURET (OR) THIOIMIDODICARBONIC DIAMIDE [(H2N)C(S)]2NH

. Waste code: P050
. Waste name: 6,9-METHANO-2,4,3-BENZODIOXATHIEPIN,6,7,8,9,10,10-HEXACHLORO-1,5,5A,6, ,9A-HEXAHYDRO-,3-OXIDE (OR) ENDOSULFAN

. Waste code: P051
. Waste name: 2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2ABETA, 3ALPHA, 6ALPHA, 6ABETA, 7BETA, 7AALPHA)- & METABOLITES (OR) ENDRIN (OR) ENDRIN, & METABOLITES

. Waste code: P054
. Waste name: AZIRIDINE (OR) ETHYLENEIMINE

. Waste code: P056
. Waste name: FLUORINE

. Waste code: P057
. Waste name: ACETAMIDE, 2-FLUORO- (OR) FLUOROACETAMIDE

. Waste code: P058
. Waste name: ACETIC ACID, FLUORO-, SODIUM SALT (OR) FLUOROACETIC ACID, SODIUM SALT

. Waste code: P059
. Waste name: 4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO- (OR) HEPTACHLOR

. Waste code: P060
. Waste name: 1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5BETA, 8BETA, 8ABETA)- (OR) ISODRIN

. Waste code: P062
. Waste name: HEXAETHYL TETRAPHOSPHATE (OR) TETRAPHOSPHORIC ACID, HEXAETHYL ESTER

. Waste code: P063
. Waste name: HYDROCYANIC ACID (OR) HYDROGEN CYANIDE

. Waste code: P064
. Waste name: METHANE, ISOCYANATO- (OR) METHYL ISOCYANATE

. Waste code: P065
. Waste name: FULMINIC ACID, MERCURY(2+) SALT (R,T) (OR) MERCURY FULMINATE (R,T)

. Waste code: P066
. Waste name: ETHANIMIDOTHIOIC ACID, N-[[(METHYLAMINO)CARBONYL]OXY]-, METHYL ESTER (OR) METHOMYL

. Waste code: P067
. Waste name: 1,2-PROPYLENIMINE (OR) AZIRIDINE, 2-METHYL-

. Waste code: P068

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. Waste name: HYDRAZINE, METHYL- (OR) METHYL HYDRAZINE

. Waste code: P069
. Waste name: 2-METHYLLACTONITRILE (OR) PROPANENITRILE, 2-HYDROXY-2-METHYL-

. Waste code: P070
. Waste name: ALDICARB (OR) PROPANAL, 2-METHYL-2-(METHYLTHIO)-, O-[(METHYLAMINO)CARBONYL]OXIME

. Waste code: P071
. Waste name: METHYL PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O,-DIMETHYL O-(4-NITROPHENYL) ESTER

. Waste code: P072
. Waste name: ALPHA-NAPHTHYLTHIOUREA (OR) THIOUREA, 1-NAPHTHALENYL-

. Waste code: P073
. Waste name: NICKEL CARBONYL (OR) NICKEL CARBONYL NI(CO)4, (T-4)-

. Waste code: P075
. Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

. Waste code: P076
. Waste name: NITRIC OXIDE (OR) NITROGEN OXIDE NO

. Waste code: P077
. Waste name: BENZENAMINE, 4-NITRO- (OR) P-NITROANILINE

. Waste code: P078
. Waste name: NITROGEN DIOXIDE (OR) NITROGEN OXIDE NO2

. Waste code: P081
. Waste name: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

. Waste code: P082
. Waste name: METHANIMINE, N-METHYL-N-NITROSO- (OR) N-NITROSODIMETHYLAMINE

. Waste code: P084
. Waste name: N-NITROSOMETHYLVINYLAMINE (OR) VINYLAMINE, N-METHYL-N-NITROSO-

. Waste code: P085
. Waste name: DIPHOSPHORAMIDE, OCTAMETHYL- (OR) OCTAMETHYLPYROPHOSPHORAMIDE

. Waste code: P087
. Waste name: OSMIUM OXIDE OSO4, (T-4)- (OR) OSMIUM TETROXIDE

. Waste code: P088
. Waste name: 7-OXABICYCLO[2.2.1]HEPTANE-2,3-DICARBOXYLIC ACID (OR) ENDOTHALL

. Waste code: P089
. Waste name: PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL-O-(4-NITROPHENYL) ESTER

. Waste code: P092
. Waste name: MERCURY, (ACETATO-O)PHENYL- (OR) PHENYLMERCURY ACETATE

ID UI CAINE VTRC (Continued) **1004691824**

. Waste code: P093
. Waste name: PHENYLTHIOUREA (OR) THIOUREA, PHENYL-

. Waste code: P094
. Waste name: PHORATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[(ETHYLTHIO)METHYL] ESTER

. Waste code: P095
. Waste name: CARBONIC DICHLORIDE (OR) PHOSGENE

. Waste code: P096
. Waste name: HYDROGEN PHOSPHIDE (OR) PHOSPHINE

. Waste code: P097
. Waste name: FAMPHUR (OR) PHOSPHOROTHIOIC ACID O-[4-[(DIMETHYLAMINO)SULFONYL]PHENYL] O,O-DIMETHYL ESTER

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P099
. Waste name: ARGENTATE (1-), BIS(CYANO-C)-, POTASSIUM (OR) POTASSIUM SILVER CYANIDE

. Waste code: P101
. Waste name: ETHYL CYANIDE (OR) PROPANENITRILE

. Waste code: P102
. Waste name: 2-PROPYN-1-OL (OR) PROPARGYL ALCOHOL

. Waste code: P103
. Waste name: SELENOUREA

. Waste code: P104
. Waste name: SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)

. Waste code: P105
. Waste name: SODIUM AZIDE

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: P107
. Waste name: STRONTIUM SULFIDE SRS

. Waste code: P108
. Waste name: STRYCHNIDIN-10-ONE, & SALTS (OR) STRYCHNINE, & SALTS

. Waste code: P109
. Waste name: TETRAETHYLDITHIOPYROPHOSPHATE (OR) THIODIPHOSPHORIC ACID, TETRAETHYL ESTER

. Waste code: P110
. Waste name: PLUMBANE, TETRAETHYL- (OR) TETRAETHYL LEAD

. Waste code: P111
. Waste name: DIPHOSPHORIC ACID, TETRAETHYL ESTER (OR) TETRAETHYL PYROPHOSPHATE

ID UI CAINE VTRC (Continued) **1004691824**

. Waste code: P112
. Waste name: METHANE, TETRANITRO- (R) (OR) TETRANITROMETHANE (R)

. Waste code: P113
. Waste name: THALLIC OXIDE (OR) THALLIUM OXIDE TL2O3

. Waste code: P114
. Waste name: SELENIOUS ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SELENITE

. Waste code: P115
. Waste name: SULFURIC ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SULFATE

. Waste code: P116
. Waste name: HYDRAZINECARBOTHIOAMIDE (OR) THIOSEMICARBAZIDE

. Waste code: P118
. Waste name: METHANETHIOL, TRICHLORO- (OR) TRICHLOROMETHANETHIOL

. Waste code: P119
. Waste name: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

. Waste code: P120
. Waste name: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

. Waste code: P121
. Waste name: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

. Waste code: P122
. Waste name: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 10% (R,T)

. Waste code: P123
. Waste name: TOXAPHENE

. Waste code: U001
. Waste name: ACETALDEHYDE (I) (OR) ETHANAL (I)

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U003
. Waste name: ACETONITRILE (I,T)

. Waste code: U004
. Waste name: ACETOPHENONE (OR) ETHANONE, 1-PHENYL-

. Waste code: U005
. Waste name: 2-ACETYLAMINOFLUORENE (OR) ACETAMIDE, N-9H-FLUOREN-2-YL

. Waste code: U006
. Waste name: ACETYL CHLORIDE (C,R,T)

. Waste code: U007
. Waste name: 2-PROPENAMIDE (OR) ACRYLAMIDE

. Waste code: U008
. Waste name: 2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)

ID UI CAINE VTRC (Continued) **1004691824**

. Waste code: U009
. Waste name: 2-PROPENENITRILE (OR) ACRYLONITRILE

. Waste code: U010
. Waste name: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

. Waste code: U011
. Waste name: 1H-1,2,4-TRIAZOL-3-AMINE (OR) AMITROLE

. Waste code: U012
. Waste name: ANILINE (I,T) (OR) BENZENAMINE (I,T)

. Waste code: U014
. Waste name: AURAMINE (OR) BENZENAMINE, 4,4'-CARBONIMIDOYLBIS[N,N-DIMETHYL-

. Waste code: U015
. Waste name: AZASERINE (OR) L-SERINE, DIAZOACETATE (ESTER)

. Waste code: U016
. Waste name: BENZ[C]ACRIDINE

. Waste code: U017
. Waste name: BENZAL CHLORIDE (OR) BENZENE, (DICHLOROMETHYL)-

. Waste code: U018
. Waste name: BENZ[A]ANTHRACENE

. Waste code: U019
. Waste name: BENZENE (I,T)

. Waste code: U020
. Waste name: BENZENESULFONIC ACID CHLORIDE (C,R) (OR) BENZENESULFONYL CHLORIDE (C,R)

. Waste code: U021
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE (OR) BENZIDINE

. Waste code: U022
. Waste name: BENZO[A]PYRENE

. Waste code: U023
. Waste name: BENZENE, (TRICHLOROMETHYL)- (OR) BENZOTRICHLORIDE (C,R,T)

. Waste code: U024
. Waste name: DICHLOROMETHOXY ETHANE (OR) ETHANE, 1,1'-[METHYLENEBIS(OXY)]BIS[2-CHLORO-

. Waste code: U025
. Waste name: DICHLOROETHYL ETHER (OR) ETHANE, 1,1'-OXYBIS[2-CHLORO-

. Waste code: U026
. Waste name: CHLORNAPHAZIN (OR) NAPHTHALENAMINE, N,N'-BIS(2-CHLOROETHYL)-

. Waste code: U027

ID UI CAINE VTRC (Continued) **1004691824**

. Waste name: DICHLOROISOPROPYL ETHER (OR) PROPANE, 2,2'-OXYBIS[2-CHLORO-

. Waste code: U028
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE

. Waste code: U029
. Waste name: METHANE, BROMO- (OR) METHYL BROMIDE

. Waste code: U030
. Waste name: 4-BROMOPHENYL PHENYL ETHER (OR) BENZENE, 1-BROMO-4-PHENOXY-

. Waste code: U031
. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

. Waste code: U032
. Waste name: CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT

. Waste code: U033
. Waste name: CARBON OXYFLUORIDE (R,T) (OR) CARBONIC DIFLUORIDE

. Waste code: U034
. Waste name: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

. Waste code: U035
. Waste name: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

. Waste code: U036
. Waste name: 4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE, ALPHA & GAMMA ISOMERS

. Waste code: U037
. Waste name: BENZENE, CHLORO- (OR) CHLOROBENZENE

. Waste code: U038
. Waste name: BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-ALPHA-HYDROXY-, ETHYL ESTER (OR) CHLOROBENZILATE

. Waste code: U039
. Waste name: P-CHLORO-M-CRESOL (OR) PHENOL, 4-CHLORO-3-METHYL-

. Waste code: U041
. Waste name: EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-

. Waste code: U042
. Waste name: 2-CHLOROETHYL VINYL ETHER (OR) ETHENE, (2-CHLOROETHOXY)-

. Waste code: U043
. Waste name: ETHENE, CHLORO- (OR) VINYL CHLORIDE

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

. Waste code: U045
. Waste name: METHANE, CHLORO- (I,T) (OR) METHYL CHLORIDE (I,T)

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. Waste code: U046
. Waste name: CHLOROMETHYL METHYL ETHER (OR) METHANE, CHLOROMETHOXY-

. Waste code: U047
. Waste name: BETA-CHLORONAPHTHALENE (OR) NAPHTHALENE, 2-CHLORO-

. Waste code: U048
. Waste name: O-CHLOROPHENOL (OR) PHENOL, 2-CHLORO-

. Waste code: U049
. Waste name: 4-CHLORO-O-TOLUIDINE, HYDROCHLORIDE (OR) BENZENAMINE, 4-CHLORO-2-METHYL-, HYDROCHLORIDE

. Waste code: U050
. Waste name: CHRYSENE

. Waste code: U051
. Waste name: CREOSOTE

. Waste code: U052
. Waste name: CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-

. Waste code: U053
. Waste name: 2-BUTENAL (OR) CROTONALDEHYDE

. Waste code: U055
. Waste name: BENZENE, (1-METHYLETHYL)- (I) (OR) CUMENE (I)

. Waste code: U056
. Waste name: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

. Waste code: U057
. Waste name: CYCLOHEXANONE (I)

. Waste code: U058
. Waste name: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

. Waste code: U059
. Waste name: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

. Waste code: U060
. Waste name: BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDD

. Waste code: U061
. Waste name: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDT

. Waste code: U062
. Waste name: CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-, S-(2,3-DICHLORO-2-PROPENYL) ESTER (OR) DIALLATE

. Waste code: U063
. Waste name: DIBENZ[A,H]ANTHRACENE

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. Waste code: U064
. Waste name: BENZO[RST]PENTAPHENE (OR) DIBENZO[A,I]PYRENE

. Waste code: U066
. Waste name: 1,2-DIBROMO-3-CHLOROPROPANE (OR) PROPANE, 1,2-DIBROMO-3-CHLORO-

. Waste code: U067
. Waste name: ETHANE, 1,2-DIBROMO- (OR) ETHYLENE DIBROMIDE

. Waste code: U068
. Waste name: METHANE, DIBROMO- (OR) METHYLENE BROMIDE

. Waste code: U069
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE

. Waste code: U070
. Waste name: BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE

. Waste code: U071
. Waste name: BENZENE, 1,3-DICHLORO- (OR) M-DICHLOROBENZENE

. Waste code: U072
. Waste name: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

. Waste code: U073
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DICHLORO- (OR) 3,3'-DICHLOROBENZIDINE

. Waste code: U074
. Waste name: 1,4-DICHLORO-2-BUTENE (I,T) (OR) 2-BUTENE, 1,4-DICHLORO- (I,T)

. Waste code: U075
. Waste name: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

. Waste code: U076
. Waste name: ETHANE, 1,1-DICHLORO- (OR) ETHYLIDENE DICHLORIDE

. Waste code: U077
. Waste name: ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE

. Waste code: U078
. Waste name: 1,1-DICHLOROETHYLENE (OR) ETHENE, 1,1-DICHLORO-

. Waste code: U079
. Waste name: 1,2-DICHLOROETHYLENE (OR) ETHENE, 1,2-DICHLORO-,(E)-

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U081
. Waste name: 2,4-DICHLOROPHENOL (OR) PHENOL, 2,4-DICHLORO-

. Waste code: U082
. Waste name: 2,6-DICHLOROPHENOL (OR) PHENOL, 2,6-DICHLORO-

. Waste code: U083
. Waste name: PROPANE, 1,2-DICHLORO- (OR) PROPYLENE DICHLORIDE

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. Waste code: U084
. Waste name: 1,3-DICHLOROPROPENE (OR) 1-PROPENE, 1,3-DICHLORO-

. Waste code: U085
. Waste name: 1,2:3,4-DIEPOXYBUTANE (I,T) (OR) 2,2'-BIOXIRANE

. Waste code: U086
. Waste name: HYDRAZINE, 1,2-DIETHYL- (OR) N,N'-DIETHYLHYDRAZINE

. Waste code: U087
. Waste name: O,O-DIETHYL S-METHYL DITHIOPHOSPHATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-METHYL ESTER

. Waste code: U088
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER (OR) DIETHYL PHTHALATE

. Waste code: U089
. Waste name: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

. Waste code: U090
. Waste name: 1,3-BENZODIOXOLE, 5-PROPYL- (OR) DIHYDROSAFROLE

. Waste code: U091
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHOXY- (OR) 3,3'-DIMETHOXYBENZIDINE

. Waste code: U092
. Waste name: DIMETHYLAMINE (I) (OR) METHANAMINE, N-METHYL- (I)

. Waste code: U093
. Waste name: BENZENAMINE, N,N-DIMETHYL-4-(PHENYLAZO)- (OR) P-DIMETHYLAMINOAZOBENZENE

. Waste code: U094
. Waste name: 7,12-DIMETHYLBENZ[A]ANTHRACENE (OR) BENZ[A]ANTHRACENE, 7,12-DIMETHYL-

. Waste code: U095
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHYL- (OR) 3,3'-DIMETHYLBENZIDINE

. Waste code: U096
. Waste name: ALPHA,ALPHA-DIMETHYLBENZYLHYDROPEROXIDE (R) (OR) HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL- (R)

. Waste code: U097
. Waste name: CARBAMIC CHLORIDE, DIMETHYL- (OR) DIMETHYLCARBAMOYL CHLORIDE

. Waste code: U098
. Waste name: 1,1-DIMETHYLHYDRAZINE (OR) HYDRAZINE, 1,1-DIMETHYL-

. Waste code: U099
. Waste name: 1,2-DIMETHYLHYDRAZINE (OR) HYDRAZINE, 1,2-DIPHENYL-

. Waste code: U101
. Waste name: 2,4-DIMETHYLPHENOL (OR) PHENOL, 2,4-DIMETHYL-

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. Waste code: U102
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE

. Waste code: U103
. Waste name: DIMETHYL SULFATE (OR) SULFURIC ACID, DIMETHYL ESTER

. Waste code: U105
. Waste name: 2,4-DINITROTOLUENE (OR) BENZENE, 1-METHYL-2,4-DINITRO-

. Waste code: U106
. Waste name: 2,6-DINITROTOLUENE (OR) BENZENE, 2-METHYL-1,3-DINITRO-

. Waste code: U107
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER (OR) DI-N-OCTYL PHTHALATE

. Waste code: U108
. Waste name: 1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE

. Waste code: U109
. Waste name: 1,2-DIPHENYLHYDRAZINE (OR) HYDRAZINE, 1,2-DIPHENYL-

. Waste code: U110
. Waste name: 1-PROPANIMINE, N-PROPYL-(I) (OR) DIPROPYLAMINE (I)

. Waste code: U111
. Waste name: 1-PROPANAMINE, N-NITROSO-N-PROPYL- (OR) DI-N-PROPYLNITROSAMINE

. Waste code: U112
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

. Waste code: U113
. Waste name: 2-PROPENOIC ACID, ETHYL ESTER (I) (OR) ETHYL ACRYLATE (I)

. Waste code: U114
. Waste name: CARBAMODITHIOIC ACID, 1,2-ETHANEDIYLBIS-, SALTS & ESTERS (OR) ETHYLENEBISDITHIOCARBAMIC ACID, SALTS & ESTERS

. Waste code: U115
. Waste name: ETHYLENE OXIDE (I,T) (OR) OXIRANE (I,T)

. Waste code: U116
. Waste name: 2-IMIDAZOLIDINETHIONE (OR) ETHYLENETHIOUREA

. Waste code: U117
. Waste name: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

. Waste code: U118
. Waste name: 2-PROPENOIC ACID, 2-METHYL-, ETHYL ESTER (OR) ETHYL METHACRYLATE

. Waste code: U119
. Waste name: ETHYL METHANESULFONATE (OR) METHANESULFONIC ACID, ETHYL ESTER

. Waste code: U120
. Waste name: FLUORANTHENE

. Waste code: U121
. Waste name: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

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. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U123
. Waste name: FORMIC ACID (C,T)

. Waste code: U124
. Waste name: FURAN (I) (OR) FURFURAN (I)

. Waste code: U125
. Waste name: 2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)

. Waste code: U126
. Waste name: GLYCIDYLALDEHYDE (OR) OXIRANECARBOXYALDEHYDE

. Waste code: U127
. Waste name: BENZENE, HEXACHLORO- (OR) HEXACHLOROBENZENE

. Waste code: U128
. Waste name: 1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO- (OR) HEXACHLOROBUTADIENE

. Waste code: U129
. Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

. Waste code: U130
. Waste name: 1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO- (OR) HEXACHLOROCYCLOPENTADIENE

. Waste code: U131
. Waste name: ETHANE, HEXACHLORO- (OR) HEXACHLOROETHANE

. Waste code: U132
. Waste name: HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-

. Waste code: U133
. Waste name: HYDRAZINE (R,T)

. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

. Waste code: U135
. Waste name: HYDROGEN SULFIDE (OR) HYDROGEN SULFIDE H2S

. Waste code: U136
. Waste name: ARSINIC ACID, DIMETHYL- (OR) CACODYLIC ACID

. Waste code: U137
. Waste name: INDENO[1,2,3-CD]PYRENE

. Waste code: U138
. Waste name: METHANE, IODO- (OR) METHYL IODIDE

. Waste code: U139
. Waste name: Not Defined

. Waste code: U140

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. Waste name: 1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)

. Waste code: U141
. Waste name: 1,3-BENZODIOXOLE, 5-(1-PROPENYL)- (OR) ISOSAFROLE

. Waste code: U142
. Waste name: 1,3,4-METHENO-2H-CYCLOBUTA[CD]PENTALEN-2-ONE, 1,1A,3,3A,4,5,5,5A,5B,6-DECACHLOROOCTAHYDRO- (OR) KEPONE

. Waste code: U143
. Waste name: 2-BUTENOIC ACID, 2-METHYL-, 7-[[2,3-DIHYDROXY-2-(1-METHOXYETHYL)-3-METHYL-1-OXOBUTOXY]METHYL]-2,3, ,7A-TETRAHYDRO-1H-PYRROLIZIN-1-YL ESTER, [1S-[1ALPHA(Z), 7(2S*,3R*), 7AALPHA]]- (OR) LASIOCARPINE

. Waste code: U144
. Waste name: ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE

. Waste code: U145
. Waste name: LEAD PHOSPHATE (OR) PHOSPHORIC ACID, LEAD(2+) SALT (2:3)

. Waste code: U146
. Waste name: LEAD SUBACETATE (OR) LEAD, BIS(ACETATO-O)TETRAHYDROXYTRI-

. Waste code: U147
. Waste name: 2,5-FURANDIONE (OR) MALEIC ANHYDRIDE

. Waste code: U148
. Waste name: 3,6-PYRIDAZINEDIONE, 1,2-DIHYDRO- (OR) MALEIC HYDRAZIDE

. Waste code: U149
. Waste name: MALONONITRILE (OR) PROPANEDINITRILE

. Waste code: U150
. Waste name: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

. Waste code: U151
. Waste name: MERCURY

. Waste code: U152
. Waste name: 2-PROPENENITRILE, 2-METHYL- (I,T) (OR) METHACRYLONITRILE (I,T)

. Waste code: U153
. Waste name: METHANETHIOL (I,T) (OR) THIOMETHANOL (I,T)

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U155
. Waste name: 1,2-ETHANEDIAMINE, N,N-DIMETHYL-N'-2-PYRIDINYL-N'-(2-THIENYLMETHYL)- (OR) METHAPYRILENE

. Waste code: U156
. Waste name: CARBONOCHLORIDIC ACID, METHYL ESTER, (I,T) (OR) METHYL CHLOROCARBONATE (I,T)

. Waste code: U157

ID UI CAINE VTRC (Continued) **1004691824**

. Waste name: 3-METHYLCHOLANTHRENE (OR) BENZ[J]ACEANTHRYLENE, 1,2-DIHYDRO-3-METHYL-

. Waste code: U158
. Waste name: 4,4'-METHYLENEBIS(2-CHLOROANILINE) (OR) BENZENAMINE, 4,4'-METHYLENEBIS[2-CHLORO-

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U160
. Waste name: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)

. Waste code: U161
. Waste name: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-

. Waste code: U162
. Waste name: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)

. Waste code: U163
. Waste name: GUANIDINE, N-METHYL-N'-NITRO-N-NITROSO- (OR) MNNG

. Waste code: U164
. Waste name: 4(1H)-PYRIMIDINONE, 2,3-DIHYDRO-6-METHYL-2-THIOXO- (OR) METHYLTHIOURACIL

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U166
. Waste name: 1,4-NAPHTHALENEDIONE (OR) 1,4-NAPHTHOQUINONE

. Waste code: U167
. Waste name: 1-NAPTHALENAMINE (OR) ALPHA-NAPHTHYLAMINE

. Waste code: U168
. Waste name: 2-NAPTHALENAMINE (OR) BETA-NAPHTHYLAMINE

. Waste code: U169
. Waste name: BENZENE, NITRO- (OR) NITROBENZENE (I,T)

. Waste code: U170
. Waste name: P-NITROPHENOL (I,T) (OR) PHENOL, 4-NITRO-

. Waste code: U171
. Waste name: 2-NITROPROPANE (I,T) (OR) PROPANE, 2-NITRO- (I,T)

. Waste code: U172
. Waste name: 1-BUTANAMINE, N-BUTYL-N-NITROSO- (OR) N-NITROSODI-N-BUTYLAMINE

. Waste code: U173
. Waste name: ETHANOL, 2,2'-(NITROSOIMINO)BIS- (OR) N-NITROSODIETHANOLAMINE

. Waste code: U174
. Waste name: ETHANAMINE, N-ETHYL-N-NITROSO- (OR) N-NITROSODIETHYLAMINE

ID UI CAINE VTRC (Continued) **1004691824**

. Waste code: U176
. Waste name: N-NITROSO-N-ETHYLUREA (OR) UREA, N-ETHYL-N-NITROSO-

. Waste code: U177
. Waste name: N-NITROSO-N-METHYLUREA (OR) UREA, N-METHYL-N-NITROSO-

. Waste code: U178
. Waste name: CARBAMIC ACID, METHYLNITROSO-, ETHYL ESTER (OR) N-NITROSO-N-METHYLURETHANE

. Waste code: U179
. Waste name: N-NITROSOPIPERIDINE (OR) PIPERIDINE, 1-NITROSO-

. Waste code: U180
. Waste name: N-NITROSOPYRROLIDINE (OR) PYRROLIDINE, 1-NITROSO-

. Waste code: U181
. Waste name: 5-NITRO-O-TOLUIDINE (OR) BENZENAMINE, 2-METHYL-5-NITRO

. Waste code: U182
. Waste name: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

. Waste code: U183
. Waste name: BENZENE, PENTACHLORO- (OR) PENTACHLOROBENZENE

. Waste code: U184
. Waste name: ETHANE, PENTACHLORO- (OR) PENTACHLOROETHANE

. Waste code: U185
. Waste name: BENZENE, PENTACHLORONITRO- (OR) PENTACHLORONITROBENZENE (PCNB)

. Waste code: U186
. Waste name: 1,3-PENTADIENE (I) (OR) 1-METHYLBUTADIENE (I)

. Waste code: U187
. Waste name: ACETAMIDE, N-(4-ETHOXYPHENYL)- (OR) PHENACETIN

. Waste code: U188
. Waste name: PHENOL

. Waste code: U189
. Waste name: PHOSPHORUS SULFIDE (R) (OR) SULFUR PHOSPHIDE (R)

. Waste code: U190
. Waste name: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

. Waste code: U191
. Waste name: 2-PICOLINE (OR) PYRIDINE, 2-METHYL-

. Waste code: U192
. Waste name: BENZAMIDE, 3,5-DICHLORO-N-(1,1-DIMETHYL-2-PROPYNYL)- (OR) PRONAMIDE

. Waste code: U193
. Waste name: 1,2-OXATHIOLANE, 2,2-DIOXIDE (OR) 1,3-PROPANE SULTONE

. Waste code: U194
. Waste name: 1-PROPANAMINE (I,T) (OR) N-PROPYLAMINE (I,T)

ID UI CAINE VTRC (Continued) **1004691824**

. Waste code: U196
. Waste name: PYRIDINE

. Waste code: U197
. Waste name: 2,5-CYCLOHEXADIENE-1,4-DIONE (OR) P-BENZOQUINONE

. Waste code: U200
. Waste name: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

. Waste code: U201
. Waste name: 1,3-BENZENEDIOL (OR) RESORCINOL

. Waste code: U202
. Waste name: 1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, & SALTS (OR) SACCHARIN, & SALTS

. Waste code: U203
. Waste name: 1,3-BENZODIOXOLE, 5-(2-PROPENYL)- (OR) SAFROLE

. Waste code: U204
. Waste name: SELENIOUS ACID (OR) SELENIUM DIOXIDE

. Waste code: U205
. Waste name: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

. Waste code: U206
. Waste name: D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN

. Waste code: U207
. Waste name: 1,2,4,5-TETRACHLOROBENZENE (OR) BENZENE, 1,2,4,5-TETRACHLORO-

. Waste code: U208
. Waste name: 1,1,1,2-TETRACHLOROETHANE (OR) ETHANE, 1,1,1,2-TETRACHLORO-

. Waste code: U209
. Waste name: 1,1,2,2-TETRACHLOROETHANE (OR) ETHANE, 1,1,2,2-TETRACHLORO-

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

. Waste code: U211
. Waste name: CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-

. Waste code: U213
. Waste name: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)

. Waste code: U214
. Waste name: ACETIC ACID, THALLIUM(1+) SALT (OR) THALLIUM(I) ACETATE

. Waste code: U215
. Waste name: CARBONIC ACID, DITHALLIUM(1+) SALT (OR) THALLIUM(I) CARBONATE

. Waste code: U216

ID UI CAINE VTRC (Continued) **1004691824**

. Waste name: THALLIUM CHLORIDE TLCL (OR) THALLIUM(I) CHLORIDE

. Waste code: U217
. Waste name: NITRIC ACID, THALLIUM(1+) SALT (OR) THALLIUM(I) NITRATE

. Waste code: U218
. Waste name: ETHANETHIOAMIDE (OR) THIOACETAMIDE

. Waste code: U219
. Waste name: THIOUREA

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U221
. Waste name: BENZENEDIAMINE, AR-METHYL- (OR) TOLUENEDIAMINE

. Waste code: U222
. Waste name: BENZENAMINE, 2-METHYL-, HYDROCHLORIDE (OR) O-TOLUIDINE HYDROCHLORIDE

. Waste code: U223
. Waste name: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)

. Waste code: U225
. Waste name: BROMOFORM (OR) METHANE, TRIBROMO-

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

. Waste code: U227
. Waste name: 1,1,2-TRICHLOROETHANE (OR) ETHANE, 1,1,2-TRICHLORO-

. Waste code: U228
. Waste name: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

. Waste code: U234
. Waste name: 1,3,5-TRINITROBENZENE (R,T) (OR) BENZENE, 1,3,5-TRINITRO-

. Waste code: U235
. Waste name: 1-PROPANOL, 2,3-DIBROMO-, PHOSPHATE (3:1) (OR) TRIS(2,3,-DIBROMOPROPYL) PHOSPHATE

. Waste code: U236
. Waste name: 2,7-NAPHTHALENEDISULFONIC ACID,3,3'-[(3,3'-DIMETHYL[1,1'-BIPHENYL]-4,4'-DIYL)BIS(AZO)BIS[5-AMINO 4-HYDROXY]-, TETRASODIUM SALT (OR) TRYPAN BLUE

. Waste code: U237
. Waste name: 2,4-(1H,3H)-PYRIMIDINEDIONE, 5-[BIS(2-CHLOROETHYL)AMINO]- (OR) URACIL MUSTARD

. Waste code: U238
. Waste name: CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)

. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

ID UI CAINE VTRC (Continued) **1004691824**

. Waste code: U240
. Waste name: 2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D

. Waste code: U243
. Waste name: 1-PROPENE, 1,1,2,3,3,3-HEXACHLORO- (OR) HEXACHLOROPROPENE

. Waste code: U244
. Waste name: THIOPEROXYDICARBONIC DIAMIDE [(H2N)C(S)]2S2, TETRAMETHYL- (OR) THIRAM

. Waste code: U246
. Waste name: CYANOGEN BROMIDE (CN)BR

. Waste code: U247
. Waste name: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-METHOXY- (OR) METHOXYCHLOR

. Waste code: U248
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS

. Waste code: U249
. Waste name: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS

. Waste code: U328
. Waste name: BENZENAMINE, 2-METHYL- (OR) O-TOLUIDINE

. Waste code: U353
. Waste name: BENZENAMINE, 4-METHYL- (OR) P-TOLUIDINE

. Waste code: U359
. Waste name: ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER

Violation Status: No violations found

FINDS:

Registry ID: 110005787087

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1004691824
Registry ID: 110005787087
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005787087

B4 **SW ID RESEARCH & EXTENSION CENTER** **LUST** **U003725314**
16952 S 10TH ST **UST** **N/A**
< 1/8 **CALDWELL, ID 83605** **ALLSITES**
1 ft.

Site 1 of 4 in cluster B

Relative: Higher

Actual: 2497 ft.

LUST:
Facility Id: 3-140235
Status: Site Cleanup Completed
Release Date: 07/16/1998
Cleanup Date: 05/15/2000
Cleanup Method: Not reported
Event ID: 1169

UST:
Facility ID: 3-140235
Total Tanks: 3
Tank Status: Closed

ALLSITES:
Facility Id: 2011BAZ3128
Site ID: Multiple Programs
All Programs for site: Leaking Underground Storage Tanks, RCRA Hazardous Waste Site, Underground Storage Tanks
Latitude/Longitude: 43.6175 / -116.69383

C5 **SW ID RESEARCH & EXTENSION CENTER** **SPILLS** **S103809569**
16552 S 10TH ST **N/A**
< 1/8 **CALDWELL, ID 83605**
1 ft.

Site 1 of 2 in cluster C

Relative: Higher

Actual: 2546 ft.

ID SPILL:
Program: Not reported
Contaminant: Petroleum
Facility ID: Not reported
Open Date: 7/16/1998
Close Date: 5/15/2000

C6 **SW ID RESEARCH & EXTENSION CENTER** **RGA LUST** **S116374222**
16552 S 10TH ST **N/A**
< 1/8 **CALDWELL, ID**
1 ft.

Site 2 of 2 in cluster C

Relative: Higher

Actual: 2546 ft.

RGA LUST:

2005	SW ID RESEARCH & EXTENSION CENTER	16552 S 10TH ST
2004	SW ID RESEARCH & EXTENSION CENTER	16552 S 10TH ST
2003	SW ID RESEARCH & EXTENSION CENTER	16552 S 10TH ST
2002	SW ID RESEARCH & EXTENSION CENTER	16552 S 10TH ST
2000	SW ID RESEARCH & EXTENSION CENTER	16552 S 10TH ST

B7 **ID UI CALDWELL RESEARCH AND EXTENSION CENTER** **RCRA NonGen / NLR** **1014389799**
16952 S TENTH AVE **IDR000204057**
< 1/8 **CALDWELL, ID 83605**
1 ft.

Site 2 of 4 in cluster B

Relative:
Higher

Actual:
2497 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/31/2011
Facility name:	ID UI CALDWELL RESEARCH AND EXTENSION CENTER
Facility address:	16952 S TENTH AVE CALDWELL, ID 83605
EPA ID:	IDR000204057
Mailing address:	PO BOX 442030 MOSCOW, ID 838442030
Contact:	THOMAS R HICKS
Contact address:	W SIXTH ST MOSCOW, ID 83844
Contact country:	US
Contact telephone:	(208) 885-6524
Contact email:	THICKS@UIDAHO.EDU
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	STATE OF IDAHO BOARD OF REGENTS
Owner/operator address:	PO BOX 83720 BOISE, ID 83720
Owner/operator country:	US
Owner/operator telephone:	(208) 334-2270
Legal status:	State
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1906
Owner/Op end date:	Not reported

Owner/operator name:	UNIVERSITY OF IDAHO
Owner/operator address:	Not reported ID
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	State
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1906
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No

ID UI CALDWELL RESEARCH AND EXTENSION CENTER (Continued) **1014389799**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 03/01/2010
Site name: ID UI CALDWELL RESEARCH AND EXTENSION CENTER
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P119
. Waste name: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

. Waste code: U091
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHOXY- (OR) 3,3'-DIMETHOXYBENZIDINE

. Waste code: U188
. Waste name: PHENOL

. Waste code: U328
. Waste name: BENZENAMINE, 2-METHYL- (OR) O-TOLUIDINE

Violation Status: No violations found

B8 **ID UI CALDWELL RESEARCH AND EXTENSION CENTER** **FINDS** **1014697591**
16952 S TENTH AVE **ECHO** **N/A**
< 1/8 **CALDWELL, ID 83605**
1 ft.

Site 3 of 4 in cluster B

Relative: Higher

FINDS:

Registry ID: 110043543270

Actual: 2497 ft.

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1014697591
Registry ID:	110043543270
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110043543270

B9 **SW ID RESEARCH & EXTENSION CENTER** **RGA LUST** **S116374223**
16952 S 10TH ST **N/A**
< 1/8 **CALDWELL, ID**
1 ft.

Site 4 of 4 in cluster B

Relative: Higher

RGA LUST:

2012	SW ID RESEARCH & EXTENSION CENTER	16952 S 10TH ST
2011	SW ID RESEARCH & EXTENSION CENTER	16952 S 10TH ST
2010	SW ID RESEARCH & EXTENSION CENTER	16952 S 10TH ST
2009	SW ID RESEARCH & EXTENSION CENTER	16952 S 10TH ST
2008	SW ID RESEARCH & EXTENSION CENTER	16952 S 10TH ST
2007	SW ID RESEARCH & EXTENSION CENTER	16952 S 10TH ST
2006	SW ID RESEARCH & EXTENSION CENTER	16952 S 10TH ST

Actual: 2497 ft.

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10 **JOYS AUTO CLINIC** **EDR Hist Auto** **1020786727**
WNW **14868 HOMEDALE RD** **N/A**
< 1/8 **CALDWELL, ID 83605**
0.006 mi.
33 ft.

Relative: Higher

EDR Hist Auto

Year:	Name:	Type:
1994	JOYS AUTO CLINIC	General Automotive Repair Shops
1995	JOYS AUTO CLINIC	General Automotive Repair Shops
1996	JOYS AUTO CLINIC	General Automotive Repair Shops
1997	JOYS AUTO CLINIC	General Automotive Repair Shops
1998	JOYS AUTO CLINIC	General Automotive Repair Shops
1999	JOYS AUTO CLINIC	General Automotive Repair Shops
2000	JOYS AUTO CLINIC	General Automotive Repair Shops
2001	JOYS AUTO CLINIC	General Automotive Repair Shops

Actual: 2479 ft.

JOYS AUTO CLINIC (Continued) **1020786727**

2002	JOYS AUTO CLINIC	General Automotive Repair Shops
2003	JOYS AUTO CLINIC	General Automotive Repair Shops
2004	JOYS AUTO CLINIC	General Automotive Repair Shops
2005	JOYS AUTO CLINIC	General Automotive Repair Shops
2006	JOYS AUTO CLINIC	General Automotive Repair Shops
2007	JOYS AUTO CLINIC	General Automotive Repair Shops
2008	JOYS AUTO CLINIC	General Automotive Repair Shops
2009	JOYS AUTO CLINIC	General Automotive Repair Shops
2010	JOYS AUTO CLINIC	General Automotive Repair Shops
2011	JOYS AUTO CLINIC	General Automotive Repair Shops
2012	JOYS AUTO CLINIC	General Automotive Repair Shops

11
SE
< 1/8
0.015 mi.
77 ft.

ABSOLUTE AUTO **EDR Hist Auto** **1021886431**
14485 GRESHAM DR **N/A**
CALDWELL, ID 83607

Relative:
Higher

Actual:
2476 ft.

EDR Hist Auto

Year:	Name:	Type:
2008	ABSOLUTE AUTO	General Automotive Repair Shops
2009	ABSOLUTE AUTO	General Automotive Repair Shops
2010	ABSOLUTE AUTO	General Automotive Repair Shops
2011	ABSOLUTE AUTO	General Automotive Repair Shops
2012	ABSOLUTE AUTO	General Automotive Repair Shops
2013	ABSOLUTE AUTO	General Automotive Repair Shops

12
NNW
< 1/8
0.082 mi.
435 ft.

AUTO PILOT ADS **EDR Hist Auto** **1020700543**
5603 COMPASS WAY **N/A**
CALDWELL, ID 83607

Relative:
Lower

Actual:
2451 ft.

EDR Hist Auto

Year:	Name:	Type:
2013	AUTO PILOT ADS	General Automotive Repair Shops

D13
SW
< 1/8
0.110 mi.
583 ft.

VALLIVUE SD NO 139 **ALLSITES** **S108276269**
16412 S 10TH AVE **N/A**
CALDWELL, ID

Site 1 of 2 in cluster D

Relative:
Higher

Actual:
2546 ft.

ALLSITES:

Facility Id:	2011BAZ7167
Site ID:	Underground Storage Tanks
All Programs for site:	Underground Storage Tanks
Latitude/Longitude:	43.6102 / -116.69081

D14
SW
< 1/8
0.110 mi.
583 ft.

VALLIVUE SCHOOL DIST #139
16412 S 10TH AVE
CALDWELL, ID 83605

Site 2 of 2 in cluster D

UST
Financial Assurance

U003725271
N/A

Relative:
Higher

Actual:
2546 ft.

UST:
Facility ID: 3-140171
Total Tanks: 1
Tank Status: Closed

ID Financial Assurance 2:

Financial Assurance2:

Region:	2
Facility Id:	3-140171
Insurance Type:	Insurance
Facility Latitude:	43.6102
Facility Longitude:	-116.69081
Facility Phone:	Not reported
Facility Type:	Other
Facility Status:	Closure
SR NO:	4994
Date Certified:	06/23/1998
Financial Responsibility Experation Date:	06/23/1998

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 04/05/2017
Date Data Arrived at EDR: 04/21/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 21

Source: EPA
Telephone: N/A
Last EDR Contact: 06/08/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 04/05/2017
Date Data Arrived at EDR: 04/21/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 21

Source: EPA
Telephone: N/A
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 04/05/2017
Date Data Arrived at EDR: 04/21/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 21

Source: EPA
Telephone: N/A
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/07/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/07/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/08/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 02/07/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/08/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/02/2017
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 05/02/2017
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 05/02/2017
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 05/02/2017
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 05/02/2017
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 12/28/2016
Date Data Arrived at EDR: 01/04/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 93

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/15/2017
Next Scheduled EDR Contact: 08/28/2017
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 02/13/2017
Date Data Arrived at EDR: 02/28/2017
Date Made Active in Reports: 06/09/2017
Number of Days to Update: 101

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/31/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 02/13/2017
Date Data Arrived at EDR: 02/28/2017
Date Made Active in Reports: 06/09/2017
Number of Days to Update: 101

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/31/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 43

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/29/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

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

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

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

Source: Department of Environmental Quality
Telephone: 208-373-0502
Last EDR Contact: 06/05/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: N/A

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

SWF/LF: Solid Waste Landfills

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

Date of Government Version: 03/06/2017
Date Data Arrived at EDR: 03/07/2017
Date Made Active in Reports: 04/18/2017
Number of Days to Update: 42

Source: Department of Environmental Quality
Telephone: 208-334-5860
Last EDR Contact: 06/07/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Annually

State and tribal leaking storage tank lists

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tank locations.

Date of Government Version: 06/20/2011
Date Data Arrived at EDR: 06/22/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 8

Source: Department of Environmental Quality
Telephone: 208-373-0347
Last EDR Contact: 06/05/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Quarterly

LUST: Leaking Underground Storage Tank Sites

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

Date of Government Version: 04/03/2017
Date Data Arrived at EDR: 04/05/2017
Date Made Active in Reports: 04/18/2017
Number of Days to Update: 13

Source: Department of Environmental Quality
Telephone: 208-373-0130
Last EDR Contact: 04/05/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 11/14/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

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

Date of Government Version: 11/14/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/07/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/06/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

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

Date of Government Version: 10/17/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

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

Date of Government Version: 09/01/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

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

Date of Government Version: 10/01/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/14/2016
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 98
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Semi-Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/11/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Varies

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

Date of Government Version: 04/03/2017
Date Data Arrived at EDR: 04/05/2017
Date Made Active in Reports: 04/12/2017
Number of Days to Update: 7
Source: Department of Environmental Quality
Telephone: 208-373-0130
Last EDR Contact: 04/05/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/17/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 01/14/2017
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/01/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/07/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/14/2016
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 98

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/06/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/14/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/01/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Sites with Institutional Controls Restricting Use

Sites included in the Remediation Sites database that have institutional controls stricting use.

Date of Government Version: 03/06/2017
Date Data Arrived at EDR: 03/07/2017
Date Made Active in Reports: 04/18/2017
Number of Days to Update: 42

Source: Department of Environmental Quality
Telephone: 208-373-0347
Last EDR Contact: 06/07/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/27/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Sites
The Idaho Legislature created the Idaho land Remediation Act, DEQ's Voluntary Cleanup Program, to encourage innovation and cooperation between the state, local communities and private parties working to revitalize properties with hazardous substance or petroleum contamination.

Date of Government Version: 03/06/2017
Date Data Arrived at EDR: 03/07/2017
Date Made Active in Reports: 04/12/2017
Number of Days to Update: 36
Source: Department of Environmental Quality
Telephone: 208-373-0495
Last EDR Contact: 06/07/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Inventory
Brownfields are abandoned or underutilized properties where the reuse is complicated by actual or perceived environmental contamination. With the help of Idaho Counties, Cities, Economic Development Districts, Urban Renewal Entities, developers and brokers, DEQ is developing a comprehensive, statewide inventory of Brownfields.

Date of Government Version: 03/06/2017
Date Data Arrived at EDR: 03/07/2017
Date Made Active in Reports: 04/12/2017
Number of Days to Update: 36
Source: Department of Environmental Quality
Telephone: 208-373-0495
Last EDR Contact: 06/07/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/02/2017
Date Data Arrived at EDR: 03/02/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 36
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/02/2017
Next Scheduled EDR Contact: 07/03/2017
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Landfill / Solid Waste Disposal Sites

HISTORICAL LANDFILL: Idaho Historical Landfills
A listing of older landfills. The listing has not been updated since July 1997.

Date of Government Version: 07/10/1997
Date Data Arrived at EDR: 02/21/2002
Date Made Active in Reports: 03/27/2002
Number of Days to Update: 34

Source: Department of Environmental Quality
Telephone: 208-373-0502
Last EDR Contact: 02/02/2009
Next Scheduled EDR Contact: 05/04/2009
Data Release Frequency: No Update Planned

SWTIRE: Waste Tire Collection Sites
A listing of registered waste tire collection sites.

Date of Government Version: 03/15/2002
Date Data Arrived at EDR: 09/16/2004
Date Made Active in Reports: 11/02/2004
Number of Days to Update: 47

Source: Department of Environmental Quality
Telephone: 208-373-0416
Last EDR Contact: 05/15/2017
Next Scheduled EDR Contact: 08/28/2017
Data Release Frequency: No Update Planned

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

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/01/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: No Update Planned

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

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 05/05/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/09/2017
Date Data Arrived at EDR: 03/08/2017
Date Made Active in Reports: 06/09/2017
Number of Days to Update: 93

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/28/2017
Next Scheduled EDR Contact: 06/12/2017
Data Release Frequency: No Update Planned

ALLSITES: Remediation Database

Idaho's remediation database is a compilation of data on all the state and delegated federal remediation programs operated by the DEQ. Programs included are AST, Brownfield, ER, General Remediation, LUST, Mining, Miscellaneous, RCRA, Solid Waste, UST and VCP.

Date of Government Version: 03/06/2017
Date Data Arrived at EDR: 03/07/2017
Date Made Active in Reports: 04/12/2017
Number of Days to Update: 36

Source: Department of Environmental Quality
Telephone: 208-373-0309
Last EDR Contact: 06/07/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

These are labs in which the Idaho State Police have investigated.

Date of Government Version: 07/22/2010
Date Data Arrived at EDR: 10/01/2010
Date Made Active in Reports: 10/29/2010
Number of Days to Update: 28

Source: Idaho State Police
Telephone: 208-884-7000
Last EDR Contact: 06/05/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Varies

CDL 2: Clandestine Drug (Meth) Laboratory Site Property List

A listing of clandestine drug lab site locations.

Date of Government Version: 06/14/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 41

Source: Dept of Health & Welfare
Telephone: 208-334-5500
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

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

Date of Government Version: 02/09/2017
Date Data Arrived at EDR: 03/08/2017
Date Made Active in Reports: 06/09/2017
Number of Days to Update: 93

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/31/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/28/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 37

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/29/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Annually

SPILLS: Spills Data

A listing of hazardous materials spills, releases or accidents as reported to the State of Idaho's central Communications Center.

Date of Government Version: 06/20/2011
Date Data Arrived at EDR: 06/22/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 8

Source: Department of Environmental Quality
Telephone: 208-373-0502
Last EDR Contact: 06/05/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Varies

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 05/02/2017
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/24/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/14/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/14/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/19/2017
Next Scheduled EDR Contact: 08/28/2017
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 02/13/2017
Date Data Arrived at EDR: 02/15/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 05/17/2017
Next Scheduled EDR Contact: 08/28/2017
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/08/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/05/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/24/2017
Next Scheduled EDR Contact: 07/03/2017
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 133

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/26/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/26/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2017
Date Data Arrived at EDR: 02/09/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/21/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

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

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

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 06/06/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 01/20/2016
Date Data Arrived at EDR: 04/28/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 127

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 05/19/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 05/19/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Quarterly

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

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 05/08/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/05/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/05/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

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

Date of Government Version: 01/04/2017
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/06/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/02/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 09/30/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 77

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/27/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/26/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/14/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/05/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/05/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/07/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/07/2017
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

US MINES: Mines Master Index File

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

Date of Government Version: 02/08/2017
Date Data Arrived at EDR: 02/28/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 38

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/31/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/14/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 21

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 04/04/2017
Date Data Arrived at EDR: 04/07/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 35

Source: EPA
Telephone: (206) 553-1200
Last EDR Contact: 06/07/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/03/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 91

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/24/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 03/19/2017
Date Data Arrived at EDR: 03/21/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/07/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 67

Source: Department of Defense
Telephone: 571-373-0407
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/22/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 79

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/24/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Quarterly

AIRS: Permitted Sources & Emissions Listing

Permit and emissions inventory data.

Date of Government Version: 12/27/2016
Date Data Arrived at EDR: 12/30/2016
Date Made Active in Reports: 02/16/2017
Number of Days to Update: 48

Source: Department of Environmental Quality
Telephone: 208-373-0253
Last EDR Contact: 03/27/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Listing
A listing of drycleaner locations.

Date of Government Version: 07/06/2009
Date Data Arrived at EDR: 07/13/2009
Date Made Active in Reports: 07/28/2009
Number of Days to Update: 15

Source: Department of Environmental Quality
Telephone: 208-373-0211
Last EDR Contact: 06/12/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay

Date of Government Version: 01/30/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/12/2017
Number of Days to Update: 68

Source: Department of Environmental Quality
Telephone: 208-373-0502
Last EDR Contact: 05/01/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/11/2016
Date Data Arrived at EDR: 11/15/2016
Date Made Active in Reports: 02/16/2017
Number of Days to Update: 93

Source: Department of Environmental Quality
Telephone: 208-373-0502
Last EDR Contact: 03/31/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Varies

TIER 2: Tier 2 Data Listing
A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 06/19/2012
Number of Days to Update: 25

Source: Bureau of Homeland Security
Telephone: 208-422-3040
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

UIC: Underground Injection Wells Database Listing
Deep and shallow underground injection wells locations.

Date of Government Version: 02/07/2017
Date Data Arrived at EDR: 02/09/2017
Date Made Active in Reports: 04/18/2017
Number of Days to Update: 68

Source: Department of Water Resources
Telephone: 208-287-4932
Last EDR Contact: 05/05/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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

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

EDR Hist Auto: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

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

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Idaho.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/17/2014
Number of Days to Update: 200

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Idaho.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

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

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 01/30/2017
Date Data Arrived at EDR: 02/01/2017
Date Made Active in Reports: 02/13/2017
Number of Days to Update: 12

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/03/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Annually

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

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.

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

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care List

Source: Department of Health and Welfare
Telephone: 208-332-7205

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

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

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

CAINE CENTER
1020 E. HOMEDALE RD.
CALDWELL, ID 83607

TARGET PROPERTY COORDINATES

Latitude (North):	43.615939 - 43° 36' 57.38''
Longitude (West):	116.684446 - 116° 41' 4.01''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	525462.6
UTM Y (Meters):	4829050.0
Elevation:	2468 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5977702 LAKE LOWELL, ID
Version Date:	2013
North Map:	5977670 CALDWELL, 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).

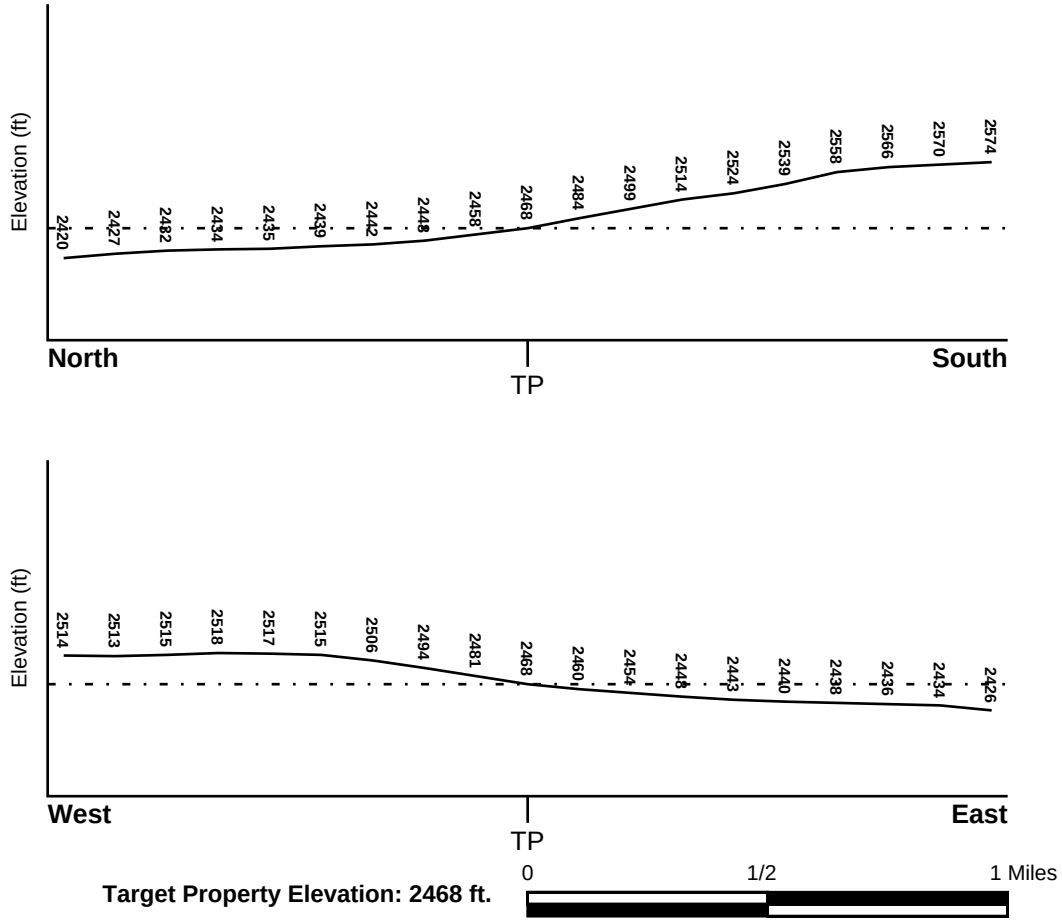
TOPOGRAPHIC INFORMATION

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 NE

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

Flood Plain Panel at Target Property	FEMA Source Type
Not Reported	

Additional Panels in search area:	FEMA Source Type
16027C0240F	FEMA FIRM Flood data
16027C0243F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
LAKE LOWELL	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	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

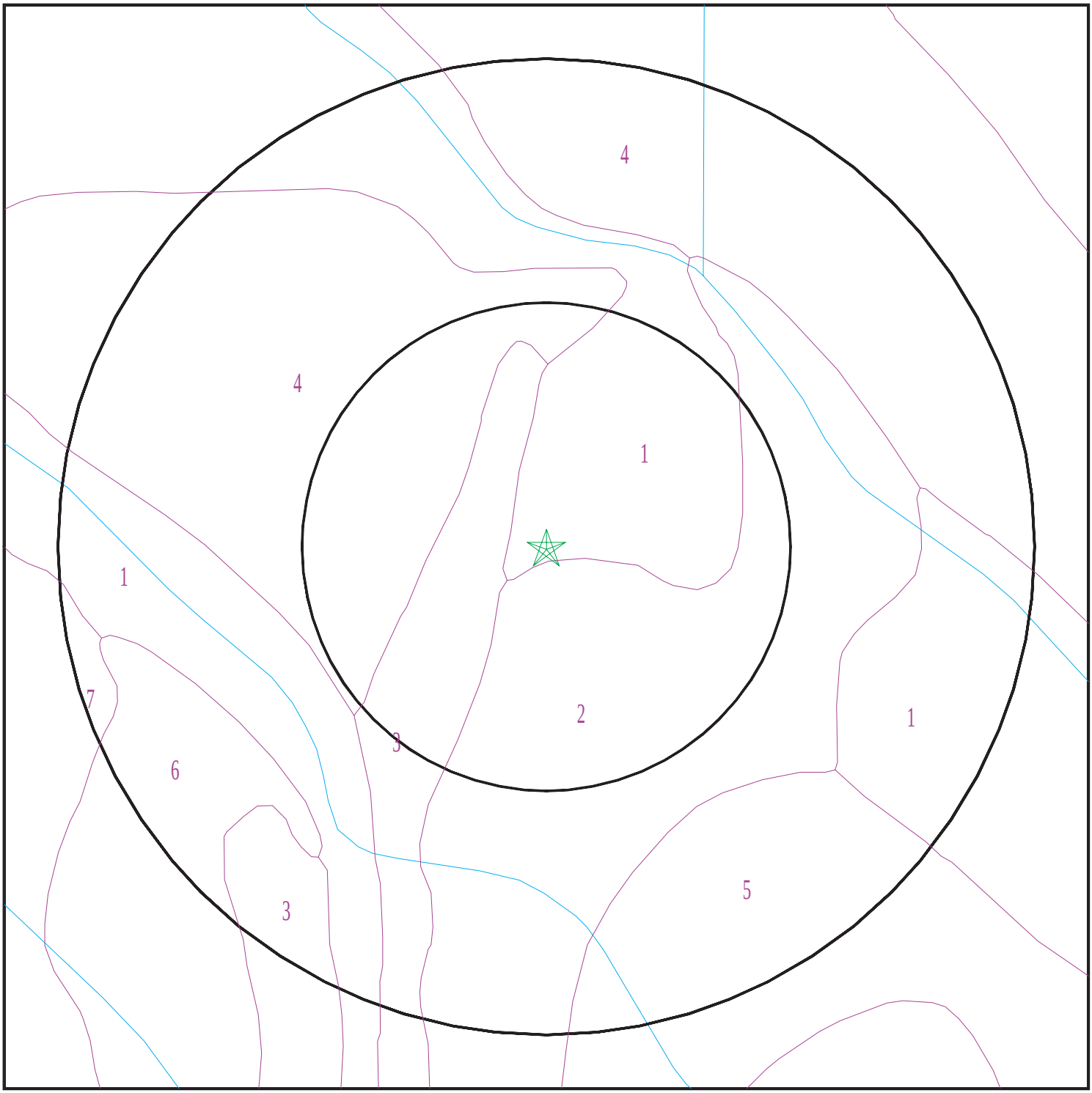
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

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

SSURGO SOIL MAP - 4968348.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Caine Center	CLIENT:	191 North, LLC
ADDRESS:	1020 E. Homedale Rd. Caldwell ID 83607	CONTACT:	Seth Brundige
LAT/LONG:	43.615939 / 116.684446	INQUIRY #:	4968348.2s
		DATE:	June 16, 2017 7:28 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Power

Soil Surface Texture: silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4	Max: 7.8 Min: 6.6
2	9 inches	16 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.23 Min: 1.41	Max: 8.4 Min: 6.6
3	16 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4	Max: 9 Min: 7.9

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Purdam

Soil Surface Texture: silt 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: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4	Max: 7.3 Min: 6.6
2	9 inches	12 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.23 Min: 1.41	Max: 8.4 Min: 6.6
3	12 inches	24 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4	Max: 8.4 Min: 7.4
4	24 inches	38 inches	cemented material	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:
5	38 inches	59 inches	stratified very gravelly sand to loam	Not reported	Not reported	Max: 42.34 Min: 14.11	Max: 8.4 Min: 7.4

Soil Map ID: 3

Soil Component Name: Marsing

Soil Surface Texture: silt 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: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4	Max: 8.4 Min: 7.9
2	9 inches	22 inches	loam	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4	Max: 8.4 Min: 7.9
3	22 inches	59 inches	gravelly coarse sand	Not reported	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 8.4 Min: 7.9

Soil Map ID: 4

Soil Component Name: Power

Soil Surface Texture: silt loam

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

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4	Max: 7.8 Min: 6.6
2	9 inches	16 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.23 Min: 1.41	Max: 8.4 Min: 6.6
3	16 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4	Max: 9 Min: 7.9

Soil Map ID: 5

Soil Component Name: Purdam

Soil Surface Texture: silt 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: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4	Max: 7.3 Min: 6.6
2	9 inches	12 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.23 Min: 1.41	Max: 8.4 Min: 6.6
3	12 inches	24 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4	Max: 8.4 Min: 7.4
4	24 inches	38 inches	cemented material	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:
5	38 inches	59 inches	stratified very gravelly sand to loam	Not reported	Not reported	Max: 42.34 Min: 14.11	Max: 8.4 Min: 7.4

Soil Map ID: 6

Soil Component Name: Vickery

Soil Surface Texture: silt 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: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4	Max: 8.4 Min: 6.6
2	7 inches	22 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4	Max: 8.4 Min: 6.6
3	22 inches	33 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4	Max: 8.4 Min: 7.4
4	33 inches	46 inches	cemented material	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:
5	46 inches	59 inches	coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 8.4 Min: 7.9

Soil Map ID: 7

Soil Component Name: Vickery

Soil Surface Texture: silt 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: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4	Max: 8.4 Min: 6.6
2	7 inches	22 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4	Max: 8.4 Min: 6.6
3	22 inches	33 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4	Max: 8.4 Min: 7.4
4	33 inches	46 inches	cemented material	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:
5	46 inches	59 inches	coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 8.4 Min: 7.9

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	USGS40000285716	0 - 1/8 Mile North
4	USGS40000285724	1/8 - 1/4 Mile NW
B5	USGS40000285591	1/4 - 1/2 Mile West
B6	USGS40000285592	1/4 - 1/2 Mile West
C7	USGS40000285381	1/4 - 1/2 Mile SSE
D10	USGS40000285399	1/4 - 1/2 Mile SE
13	USGS40000285705	1/4 - 1/2 Mile WNW
20	USGS40000285398	1/4 - 1/2 Mile SE
23	USGS40000285449	1/4 - 1/2 Mile WSW
F26	USGS40000285320	1/4 - 1/2 Mile SSW
F27	USGS40000285321	1/4 - 1/2 Mile SSW
F28	USGS40000285322	1/4 - 1/2 Mile SSW
H30	USGS40000285947	1/2 - 1 Mile North
H31	USGS40000285948	1/2 - 1 Mile North
I34	USGS40000285274	1/2 - 1 Mile South
I35	USGS40000285259	1/2 - 1 Mile South
I36	USGS40000285258	1/2 - 1 Mile South
I37	USGS40000285261	1/2 - 1 Mile South
I38	USGS40000285260	1/2 - 1 Mile South
76	USGS40000285922	1/2 - 1 Mile NW
90	USGS40000285102	1/2 - 1 Mile SSW
X103	USGS40000285139	1/2 - 1 Mile SE
Z107	USGS40000284988	1/2 - 1 Mile SSW
X109	USGS40000285119	1/2 - 1 Mile SE
112	USGS40000285062	1/2 - 1 Mile SE
AC118	USGS40000286103	1/2 - 1 Mile NNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	ID8000000097128	0 - 1/8 Mile North
3	ID8000000079964	1/8 - 1/4 Mile SSW
C8	ID8000000036079	1/4 - 1/2 Mile SSE
D9	ID8000000094377	1/4 - 1/2 Mile SE
11	ID8000000038795	1/4 - 1/2 Mile North
12	ID8000000039416	1/4 - 1/2 Mile WSW
E14	ID8000000039614	1/4 - 1/2 Mile NW
E15	ID8000000039179	1/4 - 1/2 Mile NW
E16	ID8000000096245	1/4 - 1/2 Mile NW
E17	ID8000000108755	1/4 - 1/2 Mile NW
E18	ID8000000096484	1/4 - 1/2 Mile NW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

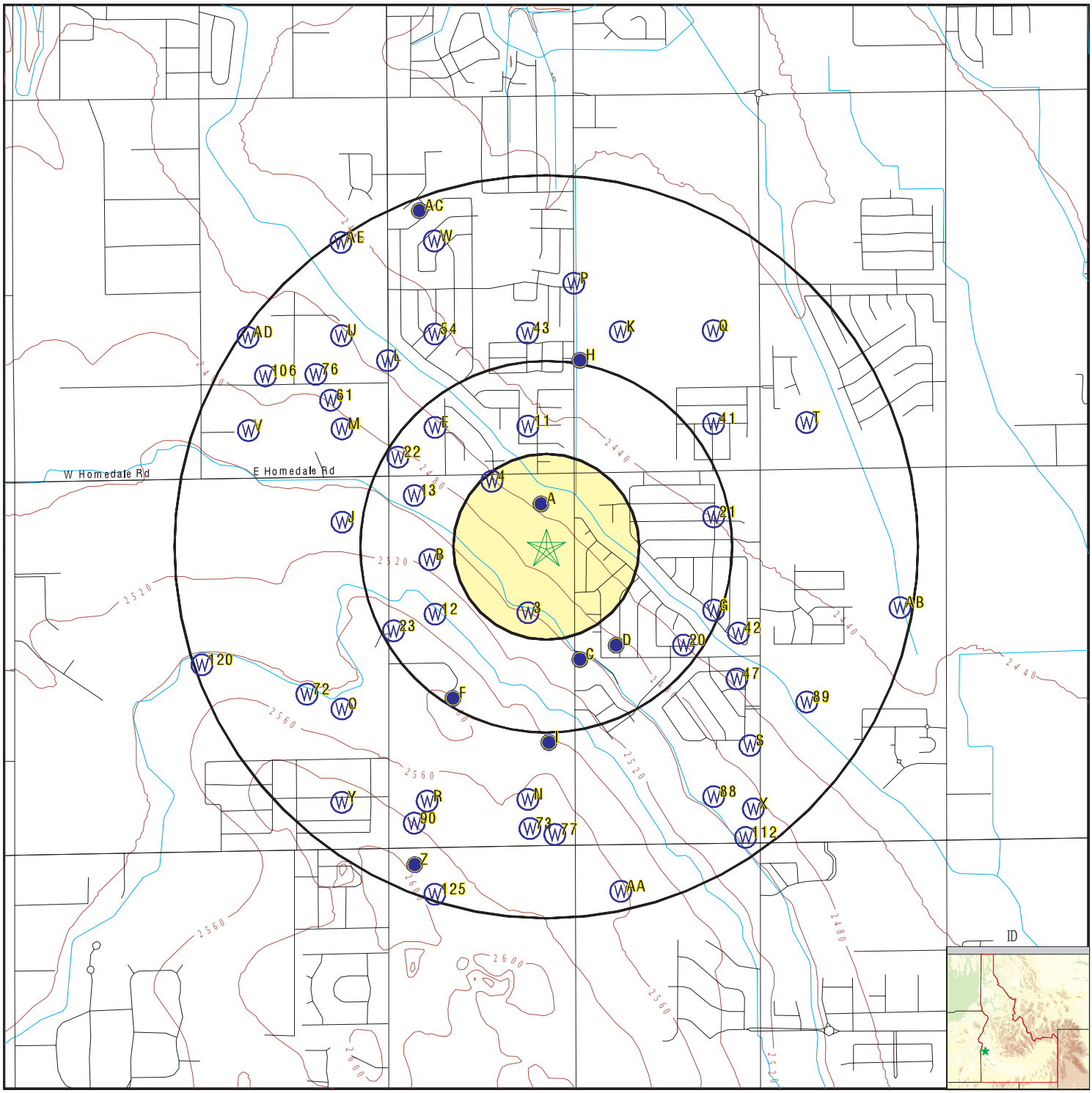
MAP ID	WELL ID	LOCATION FROM TP
F19	ID8000000162394	1/4 - 1/2 Mile SW
21	ID8000000038814	1/4 - 1/2 Mile East
22	ID8000000114740	1/4 - 1/2 Mile WNW
G24	ID8000000097454	1/4 - 1/2 Mile ESE
G25	ID8000000107621	1/4 - 1/2 Mile ESE
F29	ID8000000094387	1/4 - 1/2 Mile SSW
H32	ID8000000032007	1/2 - 1 Mile North
I33	ID8000000079959	1/2 - 1 Mile South
J39	ID8000000079976	1/2 - 1 Mile West
J40	ID8000000097086	1/2 - 1 Mile West
41	ID8000000034520	1/2 - 1 Mile NE
42	ID8000000090687	1/2 - 1 Mile ESE
43	ID8000000126053	1/2 - 1 Mile North
K44	ID8000000032512	1/2 - 1 Mile NNE
K45	ID8000000032513	1/2 - 1 Mile NNE
K46	ID8000000032514	1/2 - 1 Mile NNE
47	ID8000000115273	1/2 - 1 Mile SE
L48	ID8000000150730	1/2 - 1 Mile NW
M49	ID8000000073368	1/2 - 1 Mile WNW
M50	ID8000000027618	1/2 - 1 Mile WNW
M51	ID8000000074112	1/2 - 1 Mile WNW
M52	ID8000000126219	1/2 - 1 Mile WNW
M53	ID8000000102952	1/2 - 1 Mile WNW
54	ID8000000030764	1/2 - 1 Mile NNW
N55	ID8000000079961	1/2 - 1 Mile South
N56	ID8000000032099	1/2 - 1 Mile South
N57	ID8000000096237	1/2 - 1 Mile South
N58	ID8000000139883	1/2 - 1 Mile South
N59	ID8000000097453	1/2 - 1 Mile South
L60	ID8000000154578	1/2 - 1 Mile NW
61	ID8000000168579	1/2 - 1 Mile NW
O62	ID8000000068643	1/2 - 1 Mile SW
O63	ID8000000069382	1/2 - 1 Mile SW
O64	ID8000000079967	1/2 - 1 Mile SW
P65	ID8000000094381	1/2 - 1 Mile North
P66	ID8000000094382	1/2 - 1 Mile North
P67	ID8000000080017	1/2 - 1 Mile North
Q68	ID8000000039180	1/2 - 1 Mile NE
Q69	ID8000000080015	1/2 - 1 Mile NE
R70	ID8000000079962	1/2 - 1 Mile SSW
R71	ID8000000079965	1/2 - 1 Mile SSW
72	ID8000000127132	1/2 - 1 Mile WSW
73	ID8000000037060	1/2 - 1 Mile South
S74	ID8000000155454	1/2 - 1 Mile SE
S75	ID8000000164124	1/2 - 1 Mile SE
77	ID8000000097457	1/2 - 1 Mile South
R78	ID8000000127131	1/2 - 1 Mile SSW
T79	ID8000000039646	1/2 - 1 Mile ENE
T80	ID8000000073572	1/2 - 1 Mile ENE
U81	ID8000000031696	1/2 - 1 Mile NW
U82	ID8000000029757	1/2 - 1 Mile NW
U83	ID8000000028655	1/2 - 1 Mile NW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
U84	ID8000000034079	1/2 - 1 Mile NW
U85	ID8000000080011	1/2 - 1 Mile NW
U86	ID8000000076368	1/2 - 1 Mile NW
U87	ID8000000038800	1/2 - 1 Mile NW
88	ID8000000079958	1/2 - 1 Mile SE
89	ID8000000096244	1/2 - 1 Mile ESE
V91	ID8000000035035	1/2 - 1 Mile WNW
V92	ID8000000037946	1/2 - 1 Mile WNW
V93	ID8000000028348	1/2 - 1 Mile WNW
V94	ID8000000034340	1/2 - 1 Mile WNW
V95	ID8000000073050	1/2 - 1 Mile WNW
V96	ID8000000094380	1/2 - 1 Mile WNW
V97	ID8000000110524	1/2 - 1 Mile WNW
V98	ID8000000080014	1/2 - 1 Mile WNW
V99	ID8000000086366	1/2 - 1 Mile WNW
W100	ID8000000096790	1/2 - 1 Mile NNW
W101	ID8000000097059	1/2 - 1 Mile NNW
W102	ID8000000097060	1/2 - 1 Mile NNW
Y104	ID8000000096075	1/2 - 1 Mile SW
Y105	ID8000000096076	1/2 - 1 Mile SW
106	ID8000000168669	1/2 - 1 Mile WNW
Z108	ID8000000097055	1/2 - 1 Mile SSW
Z110	ID8000000161439	1/2 - 1 Mile SSW
Z111	ID8000000162332	1/2 - 1 Mile SSW
AA113	ID8000000033885	1/2 - 1 Mile SSE
AA114	ID8000000035379	1/2 - 1 Mile SSE
AB115	ID8000000036403	1/2 - 1 Mile East
AB116	ID8000000079956	1/2 - 1 Mile East
AB117	ID8000000110335	1/2 - 1 Mile East
AC119	ID8000000001100	1/2 - 1 Mile NNW
120	ID8000000079975	1/2 - 1 Mile WSW
AD121	ID8000000029740	1/2 - 1 Mile NW
AD122	ID8000000027942	1/2 - 1 Mile NW
AD123	ID8000000037689	1/2 - 1 Mile NW
AD124	ID8000000033989	1/2 - 1 Mile NW
125	ID8000000102584	1/2 - 1 Mile SSW
AE126	ID8000000035530	1/2 - 1 Mile NW
AE127	ID8000000038036	1/2 - 1 Mile NW

PHYSICAL SETTING SOURCE MAP - 4968348.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location

SITE NAME: Caine Center	CLIENT: 191 North, LLC
ADDRESS: 1020 E. Homedale Rd. Caldwell ID 83607	CONTACT: Seth Brundige
LAT/LONG: 43.615939 / 116.684446	INQUIRY #: 4968348.2s
	DATE: June 16, 2017 7:28 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
North
0 - 1/8 Mile
Lower

ID WELLS **ID8000000097128**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	355	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	364298		
Permitid:	793341		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	01-SEP-76		
Owner:	STATE OF IDAHO		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	Not Reported	Qq:	NE
Quarter:	NW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	38		
Casingdiam:	0		
Casingdept:	0		
Datasource:	Digitized		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=364298		
Spatialdat:	436316		
Site id:	ID8000000097128		

A2
North
0 - 1/8 Mile
Lower

FED USGS **USGS40000285716**

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433706116405901		
Monloc name:	03N 03W 10BAA1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.6176111
Longitude:	-116.6847222	Sourcemap scale:	24000

Horiz Acc measure:	.5	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	2450.
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19760829	Welldepth:	355
Welldepth units:	ft	Wellholedepth:	355
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1976-09-01	38	

3
SSW **ID WELLS** **ID8000000079964**
1/8 - 1/4 Mile
Higher

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	320	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	346989		
Permitid:	775135		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	16-NOV-72		
Owner:	LAURENCE RIGGENS		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	Not Reported	Qq:	SE
Quarter:	NW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	117		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=346989		

Spatialdat: 24307
Site id: ID8000000079964

4
NW **FED USGS** **USGS40000285724**
1/8 - 1/4 Mile
Lower

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433707116411101		
Monloc name:	02N 03W 10BAB1-DESTROYED		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.6184936
Longitude:	-116.6873584	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2590.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19170100	Welldepth:	105
Welldepth units:	ft	Wellholedepth:	105
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 16

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1956-09-06	26.10		1956-08-06	30.39	
1953-10-20	35.57		1921-09-17	72.0	
1920-10-12	77.5		1920-01-08	83.8	
1919-10-10	84.7		1919-08-11	86.6	
1919-06-30	87.7		1919-05-22	89.4	
1919-04-09	89.2		1919-03-10	89.5	
1919-01-29	88.1		1918-11-19	89.3	
1917-10-31	94.8		1917-05-18	97.2	

B5
West **FED USGS** **USGS40000285591**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433656116412301		
Monloc name:	03N 03W 10BBC1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.615438
Longitude:	-116.6906918	Sourcemap scale:	24000

Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2510.
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	195009	Welldepth:	185
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1950-09-20	68	

B6
West
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000285592**

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433656116412302		
Monloc name:	03N 03W 10BBC2		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.615438
Longitude:	-116.6906918	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2510.
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	195010	Welldepth:	216
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1950-10-13	118	

C7
SSE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000285381**

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433642116405401		
Monloc name:	03N 03W 10ACCC1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.6115492
Longitude:	-116.6826358	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2500.
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19920810	Welldepth:	288
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1992-08-13	85	

C8
SSE
1/4 - 1/2 Mile Higher

ID WELLS **ID8000000036079**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	302736		
Permitid:	725958		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	13-AUG-92		
Owner:	BILL HARTMAN		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	Not Reported	Qq:	NW
Quarter:	SE		
Govlotnum:	0		

Welladdres:	16500 MONTANA AVE		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	150		
Staticwate:	85		
Casingdiam:	6		
Casingdept:	282		
Datasource:	Digitized		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=302736		
Spatialdat:	457573		
Site id:	ID8000000036079		

D9
SE
1/4 - 1/2 Mile
Higher

ID WELLS **ID8000000094377**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	100	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	361530		
Permitid:	790528		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	01-SEP-65		
Owner:	HARRY MATSUI		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	Not Reported	Qq:	SW
Quarter:	NE		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	49		
Casingdiam:	0		
Casingdept:	0		
Datasource:	Digitized		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=361530		
Spatialdat:	459104		
Site id:	ID8000000094377		

D10
SE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000285399**

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433644116404701		
Monloc name:	03N 03W 10ACC1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.6121048
Longitude:	-116.6806913	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2490.
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19650901	Welldepth:	100
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1965-09-01	49	

11
North
1/4 - 1/2 Mile
Lower

ID WELLS **ID8000000038795**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	305454		
Permitid:	723253		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	30-DEC-99		
Owner:	JERRY R HOPPER		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	3		
Qqq:	Not Reported	Qq:	SE
Quarter:	SW		
Govlotnum:	0		

Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	0		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=305454		
Spatialdat:	24342		
Site id:	ID8000000038795		

12
WSW
1/4 - 1/2 Mile
Higher

ID WELLS **ID8000000039416**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	306075		
Permitid:	722323		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	30-DEC-99		
Owner:	VALLIVUE SCHOOL DISTRICT #139		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	Not Reported	Qq:	SW
Quarter:	NW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	0		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=306075		
Spatialdat:	23747		
Site id:	ID8000000039416		

13
WNW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000285705**

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433705116412601		
Monloc name:	03N 03W 10BBB1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.617938
Longitude:	-116.6915253	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2490.
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1915	Welldepth:	260
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1916-04-14	73.1	

E14
NW
1/4 - 1/2 Mile
Lower

ID WELLS **ID8000000039614**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	306273		
Permitid:	722518		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	30-DEC-99		
Owner:	JAY TORREY		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	3		
Qqq:	Not Reported	Qq:	SW
Quarter:	SW		
Govlotnum:	0		

Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	0		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=306273		
Spatialdat:	23785		
Site id:	ID8000000039614		

E15
NW
1/4 - 1/2 Mile
Lower

ID WELLS **ID8000000039179**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	305838		
Permitid:	722858		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	30-DEC-99		
Owner:	GARY ESKEW		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	3		
Qqq:	Not Reported	Qq:	SW
Quarter:	SW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	0		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=305838		
Spatialdat:	23785		
Site id:	ID8000000039179		

E16
NW
1/4 - 1/2 Mile
Lower

ID WELLS **ID8000000096245**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	63	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	363405		
Permitid:	792432		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	03-APR-63		
Owner:	SCHUYLER ENOCHS		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	3		
Qqq:	Not Reported	Qq:	SW
Quarter:	SW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	20		
Staticwate:	11		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=363405		
Spatialdat:	23785		
Site id:	ID8000000096245		

E17
NW
1/4 - 1/2 Mile
Lower

ID WELLS **ID8000000108755**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	103	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	375983		
Permitid:	805125		
Metaltagnu:	D0029740	Currentsta:	Field Inspection
Constructi:	24-JUL-03		
Owner:	IAN CONRAD		
Apptype:	Not Reported		
Welluse:	Domestic		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	3		
Qqq:	Not Reported	Qq:	SW
Quarter:	SW		
Govlotnum:	0		

Welladdres:	4007 S MONTANA AVE		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	70		
Staticwate:	13		
Casingdiam:	6		
Casingdept:	91		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=375983		
Spatialdat:	23785		
Site id:	ID8000000108755		

E18
NW
1/4 - 1/2 Mile
Lower

ID WELLS **ID8000000096484**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	158	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	363644		
Permitid:	792672		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	20-NOV-73		
Owner:	ROBERT H TORREY		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	3		
Qqq:	Not Reported	Qq:	SW
Quarter:	SW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	50		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=363644		
Spatialdat:	23785		
Site id:	ID8000000096484		

F19
SW
1/4 - 1/2 Mile
Higher

ID WELLS **ID8000000162394**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	104	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	429992		
Permitid:	860663		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	24-JAN-11		
Owner:	VALLIVUE MIDDLE SCHOOL		
Apptype:	Not Reported		
Welluse:	Domestic		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	NE	Qq:	NW
Quarter:	SW		
Govlotnum:	0		
Welladdres:	16412 S 10TH AVE		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	0		
Casingdiam:	8		
Casingdept:	0		
Datasource:	GPS - Manually Entered		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=429992		
Spatialdat:	469873		
Site id:	ID8000000162394		

20
SE
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000285398**

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433644116403401		
Monloc name:	03N 03W 10ADC1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.6121048
Longitude:	-116.67708	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2460.
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19610703	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1961-07-03	33	

21
East
1/4 - 1/2 Mile
Lower

ID WELLS **ID8000000038814**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	305473		
Permitid:	723272		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	30-DEC-99		
Owner:	EL JAY WAITE		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	Not Reported	Qq:	NE
Quarter:	NE		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	0		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=305473		
Spatialdat:	25539		
Site id:	ID8000000038814		

22
WNW
1/4 - 1/2 Mile
Higher

ID WELLS **ID8000000114740**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	124	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	381991		
Permitid:	811284		
Metaltagnu:	D0030830	Currentsta:	Field Inspection
Constructi:	20-FEB-04		
Owner:	IDAHO POWER CO		
Apptype:	Not Reported		
Welluse:	Domestic		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	3		
Qqq:	Not Reported	Qq:	SW
Quarter:	SW		
Govlotnum:	0		
Welladdres:	S 10TH AND HOMEDALE RD		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	30		
Staticwate:	59		
Casingdiam:	6		
Casingdept:	118		
Datasource:	GPS - Downloaded		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=381991		
Spatialdat:	305141		
Site id:	ID8000000114740		

23
WSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000285449**

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433646116412501		
Monloc name:	03N 03W 10BCC1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.6126602
Longitude:	-116.6926363	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2542.
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	1950	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

G24
ESE **ID WELLS** **ID8000000097454**
1/4 - 1/2 Mile
Lower

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	364624		
Permitid:	839623		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	28-APR-06		
Owner:	DYVER DEVELOPMENT		
Apptype:	Not Reported		
Welluse:	Irrigation		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	Not Reported	Qq:	SE
Quarter:	NE		
Govlotnum:	0		
Welladdres:	APPROX. 1 BLOCK W OF INDIANA AVE AT END OF MOSS ST; N OF HWY 55		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	38		
Casingdiam:	16		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=364624		
Spatialdat:	25519		
Site id:	ID8000000097454		

G25
ESE **ID WELLS** **ID8000000107621**
1/4 - 1/2 Mile
Lower

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	318	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	374846		
Permitid:	803958		
Metaltagnu:	D0029668	Currentsta:	Field Inspection
Constructi:	31-JUL-03		

Owner:	CITY OF CALDWELL		
Apptype:	Not Reported		
Welluse:	Municipal		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	SE	Qq:	SE
Quarter:	NE		
Govlotnum:	0		
Welladdres:	APPROX 250 FT WEST OF INDIANA AVE ALONG SOUTH BANK OF PHYLLIS CANAL		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	SOUTH PARK #2		
Production:	1500		
Staticwate:	30		
Casingdiam:	18		
Casingdept:	200		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=374846		
Spatialdat:	25519		
Site id:	ID8000000107621		

F26
SSW **FED USGS** **USGS40000285320**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433636116411801		
Monloc name:	03N 03W 10CBA1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.6098824
Longitude:	-116.6893027	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2560.92
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1950	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1953-11-16	112.13	

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F27
SSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000285321**

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433636116411802		
Monloc name:	03N 03W 10CBA2		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.6098824
Longitude:	-116.6893027	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2560.
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19570624	Welldepth:	257
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1957-06-24	124	

F28
SSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000285322**

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433636116411901		
Monloc name:	03N 03W 10CBA3		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.6098824
Longitude:	-116.6895805	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2560.
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19620516	Welldepth:	300
Welldepth units:	ft	Wellholedepth:	300
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1996-09-20	124.92				
Note: The site had been pumped recently.					
1996-03-25	118.79				
Note: The site had been pumped recently.					

F29
SSW
1/4 - 1/2 Mile
Higher

ID WELLS **ID8000000094387**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	300	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	361540		
Permitid:	790538		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	01-JUN-62		
Owner:	CALDWELL SCHOOL DISTRICT #132		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	NE	Qq:	NW
Quarter:	SW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	299		
Staticwate:	117		
Casingdiam:	0		
Casingdept:	0		
Datasource:	Digitized		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=361540		
Spatialdat:	461872		
Site id:	ID8000000094387		

H30
North
1/2 - 1 Mile
Lower

FED USGS **USGS40000285947**

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433724116405401		
Monloc name:	03N 03W 03DBC1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.6232159
Longitude:	-116.6826361	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2432.
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19950414	Welldepth:	720
Welldepth units:	ft	Wellholedepth:	720
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

H31
North
1/2 - 1 Mile
Lower

FED USGS **USGS40000285948**

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433724116405402		
Monloc name:	03N 03W 03DBC2		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.6232159
Longitude:	-116.6826361	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2432.
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19950816	Welldepth:	553
Welldepth units:	ft	Wellholedepth:	553
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H32
North
1/2 - 1 Mile
Lower | **ID WELLS** | **ID8000000032007**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	298664		
Permitid:	729465		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	31-AUG-95		
Owner:	CITY OF CALDWELL		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	3		
Qqq:	Not Reported	Qq:	NW
Quarter:	SE		
Govlotnum:	0		
Welladdres:	EAST SIDE OF MONTANA AVE - APROX 1460' +/- N OF HOMEDALE		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	19		
Casingdiam:	16		
Casingdept:	510		
Datasource:	Digitized		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=298664		
Spatialdat:	399451		
Site id:	ID8000000032007		

I33
South
1/2 - 1 Mile
Higher | **ID WELLS** | **ID8000000079959**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	231	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	346984		
Permitid:	854793		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	21-JAN-09		

Owner:	GEM STATE ACADEMY		
Apptype:	Not Reported		
Welluse:	Irrigation		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	SE	Qq:	NE
Quarter:	SW		
Govlotnum:	0		
Welladdres:	1611 S MONTANA		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	14702 KARCHER RD PER ARCMAP		
Production:	0		
Staticwate:	118		
Casingdiam:	8		
Casingdept:	0		
Datasource:	Digitized		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=346984		
Spatialdat:	457047		
Site id:	ID8000000079959		

I34
South **FED USGS** **USGS40000285274**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433631116410001		
Monloc name:	03N 03W 10CAD1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.6084936
Longitude:	-116.6843025	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2540.
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	196906	Welldepth:	231
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1969-06	118	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I35
South
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000285259**

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433630116410002		
Monloc name:	03N 03W 10CDD2		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.6082158
Longitude:	-116.6843025	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2560.
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19590518	Welldepth:	322
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1959-05-18	90	

I36
South
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000285258**

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433630116410001		
Monloc name:	03N 03W 10CDD1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.6082158
Longitude:	-116.6843025	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2560.
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19580818	Welldepth:	300
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

I37
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000285261**

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433630116410004		
Monloc name:	03N 03W 10CDD4		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.6082158
Longitude:	-116.6843025	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2560.
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19660428	Welldepth:	252
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-04-28	125	

I38
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000285260**

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433630116410003		
Monloc name:	03N 03W 10CDD3		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.6082158
Longitude:	-116.6843025	Sourcemap scale:	24000

Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2560.
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19600729	Welldepth:	260
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1960-07-29	130	

J39
West
1/2 - 1 Mile
Higher

ID WELLS **ID8000000079976**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	75	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	347001		
Permitid:	775147		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	11-JUL-70		
Owner:	DEAN M STRANGE		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	9		
Qqq:	Not Reported	Qq:	NE
Quarter:	NE		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	23		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=347001		

Spatialdat: 23174
Site id: ID8000000079976

J40
West
1/2 - 1 Mile
Higher

ID WELLS **ID8000000097086**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	105	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	364256		
Permitid:	793298		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	08-JUN-76		
Owner:	GREGORY BLACK		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	9		
Qqq:	Not Reported	Qq:	NE
Quarter:	NE		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	100		
Staticwate:	10		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=364256		
Spatialdat:	23174		
Site id:	ID8000000097086		

41
NE
1/2 - 1 Mile
Lower

ID WELLS **ID8000000034520**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	301177		
Permitid:	727451		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	16-SEP-93		

Owner:	TROY KRANTZ		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	3		
Qqq:	Not Reported	Qq:	SE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	5606 S INDIANA		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	75		
Staticwate:	13		
Casingdiam:	6		
Casingdept:	58		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=301177		
Spatialdat:	25565		
Site id:	ID8000000034520		

42
ESE **ID WELLS** **ID8000000090687**
1/2 - 1 Mile
Lower

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	480	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	357815		
Permitid:	786760		
Metaltagnu:	D0025695	Currentsta:	Driller Report
Constructi:	16-NOV-02		
Owner:	CITY OF CALDWELL		
Apptype:	Not Reported		
Welluse:	Test		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	SE	Qq:	SE
Quarter:	NE		
Govlotnum:	0		
Welladdres:	APPROXIMATELY 250 FEET WEST OF INDIANA AVE ALONG SOUTH BANK OF PHYLLIS CANAL		
Lot:	1	Block :	Not Reported
Subdivisio:	SOUTH PARK #2		
Production:	0		
Staticwate:	20		
Casingdiam:	2		
Casingdept:	0		
Datasource:	QQQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=357815		

Spatialdat: 284560
Site id: ID8000000090687

43
North **ID WELLS** **ID8000000126053**
1/2 - 1 Mile
Lower

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	108	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	393375		
Permitid:	822719		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	06-APR-77		
Owner:	J D HOLDEN		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	3		
Qqq:	Not Reported	Qq:	NE
Quarter:	SW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	28		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=393375		
Spatialdat:	24362		
Site id:	ID8000000126053		

K44
NNE **ID WELLS** **ID8000000032512**
1/2 - 1 Mile
Lower

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	299169		
Permitid:	729203		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	18-APR-95		

Owner:	CITY OF CALDWELL		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	3		
Qqq:	Not Reported	Qq:	NW
Quarter:	SE		
Govlotnum:	0		
Welladdres:	EAST SIDE OF MONTANA AVE		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	0		
Casingdiam:	6		
Casingdept:	136		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=299169		
Spatialdat:	24949		
Site id:	ID8000000032512		

K45
NNE **ID WELLS** **ID8000000032513**
1/2 - 1 Mile
Lower

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	299170		
Permitid:	866847		
Metaltagnu:	Not Reported	Currentsta:	Permit
Constructi:	30-DEC-99		
Owner:	CITY OF CALDWELL		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	3		
Qqq:	Not Reported	Qq:	NW
Quarter:	SE		
Govlotnum:	0		
Welladdres:	EAST SIDE OF MONTANA AVE		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	0		
Casingdiam:	6		
Casingdept:	136		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=299170		

Spatialdat:	24949
Site id:	ID8000000032513

K46
NNE **ID WELLS** **ID8000000032514**
1/2 - 1 Mile
Lower

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	299171		
Permitid:	729204		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	18-APR-95		
Owner:	CITY OF CALDWELL		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	3		
Qqq:	Not Reported	Qq:	NW
Quarter:	SE		
Govlotnum:	0		
Welladdres:	EAST SIDE OF MONTANA AVE		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	0		
Casingdiam:	6		
Casingdept:	136		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=299171		
Spatialdat:	24949		
Site id:	ID8000000032514		

47
SE **ID WELLS** **ID8000000115273**
1/2 - 1 Mile
Lower

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	30	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	382525		
Permitid:	811822		
Metaltagnu:	D0020600	Currentsta:	Driller Report
Constructi:	22-MAR-04		

Owner:	BOB ARNOLD		
Apptype:	Not Reported		
Welluse:	Monitoring		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	NE	Qq:	NE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	400 ft. West of Indian Ave. along Phyllis Canal		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	18		
Casingdiam:	2		
Casingdept:	20		
Datasource:	QQQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=382525		
Spatialdat:	335098		
Site id:	ID8000000115273		

L48
NW
1/2 - 1 Mile
Lower

ID WELLS **ID8000000150730**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	115	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	418228		
Permitid:	848285		
Metaltagnu:	D0052134	Currentsta:	Field Inspection
Constructi:	06-AUG-07		
Owner:	GREG SITTIG		
Apptype:	Not Reported		
Welluse:	Domestic-Single Residence		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	3		
Qqq:	Not Reported	Qq:	NW
Quarter:	SW		
Govlotnum:	0		
Welladdres:	5107 S 10TH AVE		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	33		
Staticwate:	35		
Casingdiam:	6		
Casingdept:	105		
Datasource:	GPS - Manually Entered		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=418228		

Spatialdat:	465292
Site id:	ID8000000150730

M49
WNW
1/2 - 1 Mile
Higher

ID WELLS **ID8000000073368**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	218	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	340326		
Permitid:	768329		
Metaltagnu:	D0018192	Currentsta:	Driller Report
Constructi:	27-MAR-01		
Owner:	MARK URGUHART		
Apptype:	Not Reported		
Welluse:	Domestic-Single Residence		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	SE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	5615 CASTLE HEIGHTS DRIVE		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	100		
Staticwate:	60		
Casingdiam:	6		
Casingdept:	210		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=340326		
Spatialdat:	23192		
Site id:	ID8000000073368		

M50
WNW
1/2 - 1 Mile
Higher

ID WELLS **ID8000000027618**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	294275		
Permitid:	733526		
Metaltagnu:	D0009859	Currentsta:	Driller Report
Constructi:	18-AUG-99		

Owner:	CASTLE CONSTRUCTION		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	SE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	HOMEDALE RD		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	50		
Staticwate:	69		
Casingdiam:	6		
Casingdept:	168		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=294275		
Spatialdat:	23192		
Site id:	ID8000000027618		

M51
WNW **ID WELLS** **ID8000000074112**
1/2 - 1 Mile
Higher

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	247	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	341070		
Permitid:	769085		
Metaltagnu:	D0018339	Currentsta:	Field Inspection
Constructi:	25-MAY-01		
Owner:	MIKE HYER		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	SE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	5601 CASTLE HEIGHTS DRIVE		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	120		
Staticwate:	64		
Casingdiam:	6		
Casingdept:	242		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=341070		

Spatialdat:	23192
Site id:	ID8000000074112

M52
WNW
1/2 - 1 Mile
Higher

ID WELLS **ID8000000126219**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	130	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	393541		
Permitid:	822888		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	18-MAR-82		
Owner:	JON BALL		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	SE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	60		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=393541		
Spatialdat:	23192		
Site id:	ID8000000126219		

M53
WNW
1/2 - 1 Mile
Higher

ID WELLS **ID8000000102952**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	110	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	370153		
Permitid:	799224		
Metaltagnu:	D0029364	Currentsta:	Driller Report
Constructi:	23-APR-03		

Owner:	ROBERT KLINE		
Apptype:	Not Reported		
Welluse:	Domestic-Single Residence		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	SE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	107 GOLD STRIKE CT		
Lot:	3	Block :	2
Subdivisio:	SUN CREST		
Production:	60		
Staticwate:	40		
Casingdiam:	6		
Casingdept:	96		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=370153		
Spatialdat:	23192		
Site id:	ID8000000102952		

54
NNW **ID WELLS** **ID8000000030764**
1/2 - 1 Mile
Lower

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	297421		
Permitid:	730511		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	26-JUL-96		
Owner:	DENNIS FULLERTON		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	3		
Qqq:	Not Reported	Qq:	NW
Quarter:	SW		
Govlotnum:	0		
Welladdres:	4707 S MONTANA RD		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	150		
Staticwate:	21		
Casingdiam:	6		
Casingdept:	158		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=297421		

Spatialdat:	23798
Site id:	ID8000000030764

N55
South
1/2 - 1 Mile
Higher

ID WELLS **ID8000000079961**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	230	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	346986		
Permitid:	775132		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	08-MAY-64		
Owner:	GEM STATE ACADEMY		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	Not Reported	Qq:	SE
Quarter:	SW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	120		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=346986		
Spatialdat:	24265		
Site id:	ID8000000079961		

N56
South
1/2 - 1 Mile
Higher

ID WELLS **ID8000000032099**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	298756		
Permitid:	729557		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	25-SEP-95		

Owner:	GEM STATE ACADEMY		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	Not Reported	Qq:	SE
Quarter:	SW		
Govlotnum:	0		
Welladdres:	16115 S MONTANA AVE		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	690		
Staticwate:	120		
Casingdiam:	16		
Casingdept:	302		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=298756		
Spatialdat:	24265		
Site id:	ID8000000032099		

N57
South
1/2 - 1 Mile
Higher

ID WELLS **ID8000000096237**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	300	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	363397		
Permitid:	792424		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	18-AUG-59		
Owner:	GEM STATE ACADEMY		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	Not Reported	Qq:	SE
Quarter:	SW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	0		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=363397		

Spatialdat:	24265
Site id:	ID8000000096237

N58
South
1/2 - 1 Mile
Higher

ID WELLS **ID8000000139883**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	355	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	407304		
Permitid:	836830		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	03-MAY-82		
Owner:	GEM STATE ACADEMY		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	Not Reported	Qq:	SE
Quarter:	SW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	116		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=407304		
Spatialdat:	24265		
Site id:	ID8000000139883		

N59
South
1/2 - 1 Mile
Higher

ID WELLS **ID8000000097453**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	322	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	364623		
Permitid:	793667		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	18-MAY-59		

Owner:	GEM STATE ACADEMY		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	Not Reported	Qq:	SE
Quarter:	SW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	800		
Staticwate:	90		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=364623		
Spatialdat:	24265		
Site id:	ID8000000097453		

L60
NW
1/2 - 1 Mile
Lower

ID WELLS **ID8000000154578**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	142	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	422088		
Permitid:	852313		
Metaltagnu:	D0052650	Currentsta:	Driller Report
Constructi:	22-JUL-08		
Owner:	GRACE COMMUNITY CHURCH		
Apptype:	Not Reported		
Welluse:	Domestic		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	NE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	S 10TH AVE; 1/4 MILE N OF HOMEDALE RD		
Lot:	20	Block :	Not Reported
Subdivisio:	ORCHARD HEIGHTS; R25030		
Production:	20		
Staticwate:	56		
Casingdiam:	6		
Casingdept:	134		
Datasource:	Digitized		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=422088		

Spatialdat: 391852
Site id: ID8000000154578

61
NW
1/2 - 1 Mile
Higher

ID WELLS **ID8000000168579**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	252	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	438434		
Permitid:	872413		
Metaltagnu:	D0067231	Currentsta:	Driller Report
Constructi:	30-JUN-14		
Owner:	ANGELA VISSOTSKI		
Apptype:	Not Reported		
Welluse:	Domestic-Single Residence		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	SE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	220 E PAT LN		
Lot:	26	Block :	1
Subdivisio:	Orchard Heights #1		
Production:	50		
Staticwate:	62		
Casingdiam:	6		
Casingdept:	246		
Datasource:	GPS - Manually Entered		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=438434		
Spatialdat:	491807		
Site id:	ID8000000168579		

O62
SW
1/2 - 1 Mile
Higher

ID WELLS **ID8000000068643**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	65	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	335520		
Permitid:	763524		
Metaltagnu:	D0012229	Currentsta:	Driller Report
Constructi:	15-FEB-00		

Owner:	STATE HOSPITAL		
Apptype:	Not Reported		
Welluse:	Monitoring		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	9		
Qqq:	Not Reported	Qq:	NE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	16952 S 10 AVE		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	75		
Casingdiam:	2		
Casingdept:	65		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=335520		
Spatialdat:	23146		
Site id:	ID8000000068643		

O63
SW
1/2 - 1 Mile
Higher

ID WELLS **ID8000000069382**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	80	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	336340		
Permitid:	764344		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	21-APR-00		
Owner:	UNIVERSITY OF IDAHO REGENTS		
Apptype:	Not Reported		
Welluse:	Monitoring		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	9		
Qqq:	Not Reported	Qq:	NE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	16952 S 10 AVE		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	75		
Casingdiam:	2		
Casingdept:	80		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=336340		

Spatialdat: 23146
Site id: ID8000000069382

O64
SW
1/2 - 1 Mile
Higher

ID WELLS **ID8000000079967**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	243	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	346992		
Permitid:	775138		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	13-JUN-67		
Owner:	PAUL H ERNEST		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	9		
Qqq:	Not Reported	Qq:	NE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	105		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=346992		
Spatialdat:	23146		
Site id:	ID8000000079967		

P65
North
1/2 - 1 Mile
Lower

ID WELLS **ID8000000094381**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	120	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	361534		
Permitid:	790532		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	01-MAY-65		

Owner:	RALPH FELLER		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	3		
Qqq:	Not Reported	Qq:	Not Reported
Quarter:	NW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	8		
Casingdiam:	0		
Casingdept:	0		
Datasource:	Section		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=361534		
Spatialdat:	340059		
Site id:	ID8000000094381		

P66
North
1/2 - 1 Mile
Lower

ID WELLS **ID8000000094382**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	180	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	361535		
Permitid:	790533		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	08-FEB-66		
Owner:	MC NEEL LUMBAR CO		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	3		
Qqq:	Not Reported	Qq:	Not Reported
Quarter:	NE		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	0		
Casingdiam:	0		
Casingdept:	0		
Datasource:	Section		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=361535		

Spatialdat: 340059
Site id: ID8000000094382

P67
North **ID WELLS** **ID8000000080017**
1/2 - 1 Mile
Lower

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	70	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	347042		
Permitid:	775188		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	07-AUG-64		
Owner:	HENRY WIEMERS		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	3		
Qqq:	Not Reported	Qq:	Not Reported
Quarter:	Not Reported		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	12		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=347042		
Spatialdat:	24676		
Site id:	ID8000000080017		

Q68
NE **ID WELLS** **ID8000000039180**
1/2 - 1 Mile
Lower

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	305839		
Permitid:	722859		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	30-DEC-99		

Owner:	E E ESKEW		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	3		
Qqq:	Not Reported	Qq:	NE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	0		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=305839		
Spatialdat:	25585		
Site id:	ID8000000039180		

Q69
NE
1/2 - 1 Mile
Lower

ID WELLS **ID8000000080015**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	85	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	347040		
Permitid:	775186		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	25-MAY-66		
Owner:	B D M PARTNERSHIP		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	3		
Qqq:	Not Reported	Qq:	NE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	8		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=347040		

Spatialdat:	25585
Site id:	ID8000000080015

R70
SSW
1/2 - 1 Mile
Higher

ID WELLS **ID8000000079962**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	304	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	346987		
Permitid:	775133		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	21-MAY-69		
Owner:	GEM STATE ACADEMY		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	Not Reported	Qq:	SW
Quarter:	SW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	133		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=346987		
Spatialdat:	23694		
Site id:	ID8000000079962		

R71
SSW
1/2 - 1 Mile
Higher

ID WELLS **ID8000000079965**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	370	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	346990		
Permitid:	775136		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	11-MAY-71		

Owner:	GEM STATE ACADEMY		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	Not Reported	Qq:	SW
Quarter:	SW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	132		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=346990		
Spatialdat:	23694		
Site id:	ID8000000079965		

72
WSW
1/2 - 1 Mile
Higher

ID WELLS **ID8000000127132**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	350	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	394455		
Permitid:	823806		
Metaltagnu:	D0031999	Currentsta:	Field Inspection
Constructi:	25-OCT-04		
Owner:	VALLIVUE SCHOOL DISTRICT #139		
Apptype:	Not Reported		
Welluse:	Domestic		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	Not Reported	Qq:	NW
Quarter:	SW		
Govlotnum:	0		
Welladdres:	16412 SOUTH 10TH AVE		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	112		
Casingdiam:	8		
Casingdept:	288		
Datasource:	GPS - Downloaded		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=394455		

Spatialdat: 354124
Site id: ID8000000127132

73
South **ID WELLS** **ID8000000037060**
1/2 - 1 Mile
Higher

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	314	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	303717		
Permitid:	854797		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	22-JAN-09		
Owner:	GEM STATE ACADEMY		
Apptype:	Not Reported		
Welluse:	Domestic		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	Not Reported	Qq:	SE
Quarter:	SW		
Govlotnum:	0		
Welladdres:	161 S MONTANA		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	14702 KARCHER RD PER ARCMAP		
Production:	0		
Staticwate:	119		
Casingdiam:	10		
Casingdept:	0		
Datasource:	GPS - Manually Entered		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=303717		
Spatialdat:	465296		
Site id:	ID8000000037060		

S74
SE **ID WELLS** **ID8000000155454**
1/2 - 1 Mile
Higher

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	422974		
Permitid:	853234		
Metaltagnu:	D0053261	Currentsta:	Permit
Constructi:	30-DEC-99		

Owner:	CITY OF CALDWELL		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	SE	Qq:	NE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	SILVER CREEK AVE & SANTA CRUZ ST		
Lot:	1	Block :	2
Subdivisio:	KINGSVIEW ESTATES SUB		
Production:	0		
Staticwate:	0		
Casingdiam:	18		
Casingdept:	0		
Datasource:	GPS - Manually Entered		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=422974		
Spatialdat:	394576		
Site id:	ID8000000155454		

S75
SE
1/2 - 1 Mile
Higher

ID WELLS **ID8000000164124**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	217	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	431722		
Permitid:	862530		
Metaltagnu:	D0060328	Currentsta:	Driller Report
Constructi:	22-MAR-12		
Owner:	CITY OF CALDWELL		
Apptype:	Not Reported		
Welluse:	Irrigation		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	SE	Qq:	NE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	SILVER CREEK AVE; SE CORNER SILVER CREEK & SANTA CRUZ		
Lot:	1	Block :	2
Subdivisio:	KINGSVIEW EST NO.1		
Production:	561		
Staticwate:	31		
Casingdiam:	18		
Casingdept:	101		
Datasource:	GPS - Manually Entered		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=431722		

Spatialdat: 436577
Site id: ID8000000164124

76
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000285922**

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433722116414501		
Monloc name:	03N 03W 04DACC1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.6226602
Longitude:	-116.6968034	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2470.
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19940204	Welldepth:	100
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1994-02-04	60	

77
South
1/2 - 1 Mile
Higher

ID WELLS **ID8000000097457**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	260	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	364627		
Permitid:	854794		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	02-FEB-09		

Owner:	GEM STATE ACADEMY		
Apptype:	Not Reported		
Welluse:	Irrigation		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	SE	Qq:	SE
Quarter:	SW		
Govlotnum:	0		
Welladdres:	1611 S MONTANA		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	14702 KARCHER RD PER ARCMAP		
Production:	360		
Staticwate:	130		
Casingdiam:	10		
Casingdept:	0		
Datasource:	GPS - Manually Entered		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=364627		
Spatialdat:	465294		
Site id:	ID8000000097457		

R78
SSW
1/2 - 1 Mile
Higher

ID WELLS **ID8000000127131**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	460	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	394454		
Permitid:	823805		
Metaltagnu:	D0031998	Currentsta:	Field Inspection
Constructi:	09-JUL-05		
Owner:	VALLIVUE SCHOOL DISTRICT #139		
Apptype:	Not Reported		
Welluse:	Fire Protection		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	Not Reported	Qq:	NW
Quarter:	SW		
Govlotnum:	0		
Welladdres:	16412 SOUTH 10TH AVE		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	975		
Staticwate:	136		
Casingdiam:	16		
Casingdept:	362		
Datasource:	GPS - Downloaded		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=394454		

Spatialdat:	366151
Site id:	ID8000000127131

T79
ENE **ID WELLS** **ID8000000039646**
1/2 - 1 Mile
Lower

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	306305		
Permitid:	722547		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	30-DEC-99		
Owner:	NIEL NIELSEN		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	2		
Qqq:	Not Reported	Qq:	SW
Quarter:	SW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	0		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=306305		
Spatialdat:	26173		
Site id:	ID8000000039646		

T80
ENE **ID WELLS** **ID8000000073572**
1/2 - 1 Mile
Lower

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	175	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	340530		
Permitid:	768535		
Metaltagnu:	D0018330	Currentsta:	Field Inspection
Constructi:	24-APR-01		

Owner:	JUSTIN SMART		
Apptype:	Not Reported		
Welluse:	Domestic-Single Residence		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	2		
Qqq:	Not Reported	Qq:	SW
Quarter:	SW		
Govlotnum:	0		
Welladdres:	5606 SHILO		
Lot:	12	Block :	2
Subdivisio:	COONS		
Production:	150		
Staticwate:	15		
Casingdiam:	6		
Casingdept:	169		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=340530		
Spatialdat:	26173		
Site id:	ID8000000073572		

U81
NW
1/2 - 1 Mile
Lower

ID WELLS **ID8000000031696**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	298353		
Permitid:	729925		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	02-MAR-96		
Owner:	BILL PUGH		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	NE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	111 E PAT LANE		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	25		
Staticwate:	52		
Casingdiam:	6		
Casingdept:	129		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=298353		

Spatialdat:	23206
Site id:	ID8000000031696

U82
NW
1/2 - 1 Mile
Lower

ID WELLS **ID8000000029757**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	296414		
Permitid:	731819		
Metaltagnu:	D0001578	Currentsta:	Driller Report
Constructi:	20-DEC-97		
Owner:	BRUCE JUHL		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	NE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	25		
Staticwate:	42		
Casingdiam:	6		
Casingdept:	135		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=296414		
Spatialdat:	23206		
Site id:	ID8000000029757		

U83
NW
1/2 - 1 Mile
Lower

ID WELLS **ID8000000028655**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	295312		
Permitid:	733020		
Metaltagnu:	D0009198	Currentsta:	Driller Report
Constructi:	23-APR-99		

Owner:	GARY HARTWIG		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	NE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	183 GOLD STRIKE COURT		
Lot:	002	Block :	002
Subdivisio:	Not Reported		
Production:	50		
Staticwate:	35		
Casingdiam:	6		
Casingdept:	166		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=295312		
Spatialdat:	23206		
Site id:	ID8000000028655		

U84
NW
1/2 - 1 Mile
Lower

ID WELLS **ID8000000034079**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	300736		
Permitid:	727746		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	04-FEB-94		
Owner:	ROBERT HOWARD		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	NE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	209 PAT LANE OFF 10TH ST		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	40		
Staticwate:	60		
Casingdiam:	6		
Casingdept:	80		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=300736		

Spatialdat: 23206
Site id: ID8000000034079

U85
NW **ID WELLS** **ID8000000080011**
1/2 - 1 Mile
Lower

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	101	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	347036		
Permitid:	775182		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	14-NOV-69		
Owner:	ANDREW PIPER		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	NE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	26		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=347036		
Spatialdat:	23206		
Site id:	ID8000000080011		

U86
NW **ID WELLS** **ID8000000076368**
1/2 - 1 Mile
Lower

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	240	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	343327		
Permitid:	771403		
Metaltagnu:	D0019107	Currentsta:	Driller Report
Constructi:	04-OCT-01		

Owner:	ROD JOHSNSON		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	NE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	101 GOLD STRIKE COURT		
Lot:	1	Block :	2
Subdivisio:	SUNCREST HEIGHTS		
Production:	100		
Staticwate:	43		
Casingdiam:	6		
Casingdept:	228		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=343327		
Spatialdat:	23206		
Site id:	ID8000000076368		

U87
NW
1/2 - 1 Mile
Lower

ID WELLS **ID8000000038800**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	230	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	305459		
Permitid:	723258		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	10-APR-89		
Owner:	MIKE CAYLOR		
Apptype:	Not Reported		
Welluse:	Domestic-Single Residence		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	NE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	UNKNOWN		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	25		
Staticwate:	45		
Casingdiam:	6		
Casingdept:	225		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=305459		

Spatialdat:	23206
Site id:	ID8000000038800

88
SE **ID WELLS** **ID8000000079958**
1/2 - 1 Mile
Higher

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	374	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	346983		
Permitid:	775129		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	20-JUL-68		
Owner:	LAURENCE RIGGENS		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	10		
Qqq:	Not Reported	Qq:	SE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	150		
Staticwate:	155		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=346983		
Spatialdat:	25471		
Site id:	ID8000000079958		

89
ESE **ID WELLS** **ID8000000096244**
1/2 - 1 Mile
Lower

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	80	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	363404		
Permitid:	792431		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	04-FEB-57		

Owner:	VERN KEMPTHORNE		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	11		
Qqq:	Not Reported	Qq:	NW
Quarter:	SW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	15		
Staticwate:	30		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=363404		
Spatialdat:	26112		
Site id:	ID8000000096244		

90
SSW **FED USGS** **USGS40000285102**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433619116412601		
Monloc name:	03N 03W 10CCC1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.6051601
Longitude:	-116.6915249	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2580.
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	196905	Welldepth:	303
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1969-05	133	

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

V91
WNW
1/2 - 1 Mile
Higher

ID WELLS **ID8000000035035**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	301692		
Permitid:	727192		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	29-JUN-93		
Owner:	MARTHA SUBIA		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	SW
Quarter:	SE		
Govlotnum:	0		
Welladdres:	15702 HOMEDALE RD		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	120		
Staticwate:	68		
Casingdiam:	6		
Casingdept:	188		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=301692		
Spatialdat:	22651		
Site id:	ID8000000035035		

V92
WNW
1/2 - 1 Mile
Higher

ID WELLS **ID8000000037946**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	304605		
Permitid:	723963		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	30-DEC-99		

Owner:	JIM SHERRICK BUILDERS		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	SW
Quarter:	SE		
Govlotnum:	0		
Welladdres:	HOMEDALE RD		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	0		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=304605		
Spatialdat:	22651		
Site id:	ID8000000037946		

V93
WNW **ID WELLS** **ID8000000028348**
1/2 - 1 Mile
Higher

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	295005		
Permitid:	733479		
Metaltagnu:	D0009858	Currentsta:	Driller Report
Constructi:	05-AUG-99		
Owner:	JANET LANSLO		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	SW
Quarter:	SE		
Govlotnum:	0		
Welladdres:	102 GOLD BAR COURT		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	100		
Staticwate:	46		
Casingdiam:	6		
Casingdept:	150		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=295005		

Spatialdat: 22651
Site id: ID8000000028348

V94
WNW **ID WELLS** **ID8000000034340**
1/2 - 1 Mile
Higher

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	300997		
Permitid:	727276		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	23-JUL-93		
Owner:	DONALD E WALKER		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	SW
Quarter:	SE		
Govlotnum:	0		
Welladdres:	5023 BEAR LANE		
Lot:	024	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	50		
Staticwate:	50		
Casingdiam:	6		
Casingdept:	110		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=300997		
Spatialdat:	22651		
Site id:	ID8000000034340		

V95
WNW **ID WELLS** **ID8000000073050**
1/2 - 1 Mile
Higher

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	267	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	340008		
Permitid:	768011		
Metaltagnu:	D0018152	Currentsta:	Driller Report
Constructi:	22-MAY-01		

Owner:	NEW BEGINNINGS HOMES		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	SW
Quarter:	SE		
Govlotnum:	0		
Welladdres:	317 AND 401 SMOKEY LANE		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	THIS IS A SHARED WELL		
Production:	125		
Staticwate:	62		
Casingdiam:	8		
Casingdept:	262		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=340008		
Spatialdat:	22651		
Site id:	ID8000000073050		

V96
WNW **ID WELLS** **ID8000000094380**
1/2 - 1 Mile
Higher

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	173	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	361533		
Permitid:	790531		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	12-DEC-64		
Owner:	JOHN K NOYES		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	SW
Quarter:	SE		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	60		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=361533		

Spatialdat: 22651
Site id: ID8000000094380

V97
WNW **ID WELLS** **ID8000000110524**
1/2 - 1 Mile
Higher

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	240	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	377758		
Permitid:	806938		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	16-JUN-80		
Owner:	ROBERT M TAYLOR		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	SW
Quarter:	SE		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	120		
Staticwate:	67		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=377758		
Spatialdat:	22651		
Site id:	ID8000000110524		

V98
WNW **ID WELLS** **ID8000000080014**
1/2 - 1 Mile
Higher

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	94	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	347039		
Permitid:	775185		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	12-FEB-75		

Owner:	CALVIN PEASE		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	SW
Quarter:	SE		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	45		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=347039		
Spatialdat:	22651		
Site id:	ID8000000080014		

V99
WNW **ID WELLS** **ID8000000086366**
1/2 - 1 Mile
Higher

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	119	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	353444		
Permitid:	782372		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	29-APR-78		
Owner:	TED HOLLINGSWORTH		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	SW
Quarter:	SE		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	60		
Staticwate:	60		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=353444		

Spatialdat:	22651
Site id:	ID8000000086366

W100
NNW **ID WELLS** **ID8000000096790**
1/2 - 1 Mile
Lower

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	51	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	363959		
Permitid:	792990		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	08-JUL-64		
Owner:	TERRY MC CARTHY		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	3		
Qqq:	Not Reported	Qq:	SW
Quarter:	NW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	60		
Staticwate:	17		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=363959		
Spatialdat:	23813		
Site id:	ID8000000096790		

W101
NNW **ID WELLS** **ID8000000097059**
1/2 - 1 Mile
Lower

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	130	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	364229		
Permitid:	793271		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	20-JUN-74		

Owner:	ACKERMAN CONSTRUCTION		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	3		
Qqq:	Not Reported	Qq:	SW
Quarter:	NW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	002,003	Block :	003
Subdivisio:	OWYHEE VIEW		
Production:	25		
Staticwate:	60		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=364229		
Spatialdat:	23813		
Site id:	ID8000000097059		

W102
NNW **ID WELLS** **ID8000000097060**
1/2 - 1 Mile
Lower

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	101	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	364230		
Permitid:	793272		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	05-JUN-74		
Owner:	SHERVIK CONSTRUCTION		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	3		
Qqq:	Not Reported	Qq:	SW
Quarter:	NW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	25		
Staticwate:	61		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=364230		

Spatialdat: 23813
Site id: ID8000000097060

X103
SE **FED USGS** **USGS40000285139**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433622116402101		
Monloc name:	03N 03W 10DDD1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.6059937
Longitude:	-116.6734686	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2480.
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1930	Welldepth:	110
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1943	50	

Y104
SW **ID WELLS** **ID8000000096075**
1/2 - 1 Mile
Higher

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	274	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	363235		
Permitid:	792262		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	30-AUG-63		

Owner:	DAVID ALLRED		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	9		
Qqq:	Not Reported	Qq:	SE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	140		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=363235		
Spatialdat:	23125		
Site id:	ID8000000096075		

Y105
SW
1/2 - 1 Mile
Higher

ID WELLS **ID8000000096076**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	274	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	363236		
Permitid:	792263		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	04-JUN-63		
Owner:	KENNETH D WITT		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	9		
Qqq:	Not Reported	Qq:	SE
Quarter:	SE		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	100		
Staticwate:	130		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=363236		

Spatialdat:	23125
Site id:	ID8000000096076

106
WNW **ID WELLS** **ID8000000168669**
1/2 - 1 Mile
Higher

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	438641		
Permitid:	872635		
Metaltagnu:	D0067306	Currentsta:	Permit
Constructi:	30-DEC-99		
Owner:	ROBERT RHODES		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	NW
Quarter:	SE		
Govlotnum:	0		
Welladdres:	212 W PAT LN		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	0		
Casingdiam:	6		
Casingdept:	0		
Datasource:	GPS - Manually Entered		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=438641		
Spatialdat:	491918		
Site id:	ID8000000168669		

Z107
SSW **FED USGS** **USGS40000284988**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433614116412501		
Monloc name:	03N 03W 15BBB1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.6038056
Longitude:	-116.69125	Sourcemap scale:	24000

Horiz Acc measure:	.5	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	2588.
Vert measure units:	feet	Vertacc measure val:	10.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19570624	Welldepth:	257
Welldepth units:	ft	Wellholedepth:	257
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1992-06-02					
Note: The site was being pumped.					
1981-06-18	154.05				
Note: The site was being pumped.					
1980-08-12	169.21				
Note: The site was being pumped.					
1980-03-25	129.01				
Note: Foreign substance was present on the surface of the water.					

Z108
SSW
1/2 - 1 Mile
Higher

ID WELLS **ID8000000097055**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	257	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	364225		
Permitid:	793267		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	24-JUN-57		
Owner:	GEM STATE ACADEMY		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	15		
Qqq:	Not Reported	Qq:	NW
Quarter:	NW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	375		
Staticwate:	124		
Casingdiam:	0		
Casingdept:	0		
Datasource:	Digitized		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=364225		

Spatialdat: 435100
Site id: ID8000000097055

X109
SE
1/2 - 1 Mile
Higher

FED USGS **USGS40000285119**

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433620116402001		
Monloc name:	03N 03W 10DDD2		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.6054381
Longitude:	-116.6731908	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2485.
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19450830	Welldepth:	115
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

Z110
SSW
1/2 - 1 Mile
Higher

ID WELLS **ID8000000161439**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	429032		
Permitid:	859638		
Metaltagnu:	D0059011	Currentsta:	Permit
Constructi:	30-DEC-99		
Owner:	GEM STATE ACADEMY		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	15		
Qqq:	NW	Qq:	NW
Quarter:	NW		
Govlotnum:	0		

Welladdres:	SE CORNER OF KARCHER RD & S 10TH AVE		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	0		
Casingdiam:	16		
Casingdept:	0		
Datasource:	QQQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=429032		
Spatialdat:	374970		
Site id:	ID8000000161439		

Z111
SSW **ID WELLS** **ID8000000162332**
1/2 - 1 Mile
Higher

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	108	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	429930		
Permitid:	860598		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	06-JAN-11		
Owner:	GEM STATE ACADEMY		
Apptype:	Not Reported		
Welluse:	Irrigation		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	15		
Qqq:	NW	Qq:	NW
Quarter:	NW		
Govlotnum:	0		
Welladdres:	SE CORNER OF KARCHER RD & 10TH AVE		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	0		
Casingdiam:	12		
Casingdept:	0		
Datasource:	QQQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=429930		
Spatialdat:	374970		
Site id:	ID8000000162332		

112
SE **FED USGS** **USGS40000285062**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433617116402201		
Monloc name:	03N 03W 10DDD3		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.6046048
Longitude:	-116.6737464	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2495.
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1945	Welldepth:	240
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AA113
SSE **ID WELLS** **ID8000000033885**
1/2 - 1 Mile
Higher

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	300542		
Permitid:	779269		
Metaltagnu:	Not Reported	Currentsta:	Permit
Constructi:	30-DEC-99		
Owner:	GEM STATE ACADEMY		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	15		
Qqq:	Not Reported	Qq:	NW
Quarter:	NE		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	132		
Casingdiam:	12		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=300542		

Spatialdat: 24838
Site id: ID8000000033885

AA114
SSE
1/2 - 1 Mile
Higher

ID WELLS **ID8000000035379**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	302036		
Permitid:	726771		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	01-MAR-93		
Owner:	GEM STATE ACADEMY		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	15		
Qqq:	Not Reported	Qq:	NW
Quarter:	NE		
Govlotnum:	0		
Welladdres:	16115 MONTANA AVE		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	130		
Casingdiam:	16		
Casingdept:	304		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=302036		
Spatialdat:	24838		
Site id:	ID8000000035379		

AB115
East
1/2 - 1 Mile
Lower

ID WELLS **ID8000000036403**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	303060		
Permitid:	725500		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	06-JUN-92		

Owner:	CARL MAI		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	11		
Qqq:	Not Reported	Qq:	SE
Quarter:	NW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	720		
Staticwate:	18		
Casingdiam:	12		
Casingdept:	175		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=303060		
Spatialdat:	26710		
Site id:	ID8000000036403		

AB116
East **ID WELLS** **ID8000000079956**
1/2 - 1 Mile
Lower

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	91	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	346981		
Permitid:	775127		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	01-DEC-72		
Owner:	MURRY WILLIAMS		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	11		
Qqq:	Not Reported	Qq:	SE
Quarter:	NW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	10		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=346981		

Spatialdat:	26710
Site id:	ID8000000079956

AB117
East **ID WELLS** **ID8000000110335**
1/2 - 1 Mile
Lower

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	42	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	377568		
Permitid:	806743		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	12-APR-78		
Owner:	KEITH H DIXON		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	11		
Qqq:	Not Reported	Qq:	SE
Quarter:	NW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	13		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=377568		
Spatialdat:	26710		
Site id:	ID8000000110335		

AC118
NNW **FED USGS** **USGS40000286103**
1/2 - 1 Mile
Lower

Org. Identifier:	USGS-ID		
Formal name:	USGS Idaho Water Science Center		
Monloc Identifier:	USGS-433745116412501		
Monloc name:	03N 03W 03BCB2		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17050114	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.6290492
Longitude:	-116.6912478	Sourcemap scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2429.23
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19531008	Welldepth:	94.5
Welldepth units:	ft	Wellholedepth:	95
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 222

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2004-09-28	19.38		2004-05-26	20.89	
2004-03-29	18.69		2003-11-19	18.87	
2003-09-24	20.74		2003-05-27	21.35	
2003-03-17	19.03		2002-11-13	19.10	
2002-09-18	20.92		2002-05-13	20.60	
2002-03-12	19.40		2001-11-15	19.25	
2001-09-12	20.39		2001-08-15	21.75	
2001-07-18	21.57		2001-06-20	21.25	
2001-05-16	19.77		2001-04-18	18.10	
2001-03-14	17.93		2001-02-14	17.85	
2001-01-24	17.78		2000-12-13	17.91	
2000-11-15	18.33		2000-10-18	19.96	
2000-09-27	21.03		2000-08-16	21.48	
2000-07-12	21.25		2000-06-14	20.96	
2000-05-17	19.77		2000-04-12	17.93	
2000-03-22	17.78		2000-02-16	17.72	
2000-01-19	17.70		1999-12-15	17.93	
1999-11-17	18.41		1999-10-21	20.33	
1999-09-22	20.59		1999-08-26	20.61	
1999-07-27	21.16		1999-06-23	20.83	
1999-05-24	19.02		1999-04-26	18.03	
1999-03-23	18.25		1999-02-23	17.27	
1999-01-28	17.40		1998-12-22	17.52	
1998-11-23	17.97		1998-10-27	19.29	
1998-09-30	19.58		1998-08-26	20.09	
1998-07-22	19.73		1998-06-23	18.90	
1998-05-19	19.15		1998-04-22	17.30	
1998-03-17	16.59		1998-02-24	16.27	
1998-01-21	16.03		1997-12-19	14.44	
1997-12-03	9.88		1997-10-30	8.72	
1997-09-23	9.11		1997-08-25	12.32	
1997-07-31	17.77		1997-06-26	17.77	
1997-05-20	17.42		1997-04-24	17.35	
1997-03-25	17.10		1997-02-19	16.97	
1997-01-22	17.09		1996-12-17	17.17	
1996-11-21	17.20		1996-10-23	17.92	
1996-09-16	18.94		1996-08-21	19.18	
1995-09-28	18.94		1995-03-30	15.97	
1994-09-20	19.40		1994-03-30	19.40	
1993-09-28	18.75		1993-03-31	12.10	
1992-09-23	19.13		1992-03-24	18.29	

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1991-09-26	16.94		1991-03-27	17.78	
1990-09-17	16.68		1990-04-12	19.54	
1988-09-29	17.24		1988-03-16	9.56	
1987-09-28	15.47		1987-03-24	15.42	
1986-09-11	12.38		1986-03-27	14.38	
1985-09-17	12.75		1985-03-21	15.51	
1984-09-25	14.75		1984-03-30	14.89	
1983-09-22	13.82		1983-03-29	15.61	
1982-09-30	15.08		1982-07-22	17.29	
1982-05-17	17.13		1982-01-28	15.70	
1981-11-30	13.92		1981-09-29	14.22	
1981-07-21	16.72				
Note: A nearby site that taps the same aquifer was being pumped.					
1981-05-27	16.18		1981-03-16	15.76	
1981-01-28	14.87		1980-11-25	14.15	
1980-09-16	14.46		1980-08-05	15.83	
1980-07-18	16.21		1980-05-19	16.34	
1980-03-15	16.03		1980-01-23	15.17	
1979-11-19	15.06		1979-09-19	14.68	
1979-07-18	16.54		1979-05-18	18.14	
1979-03-29	17.86		1979-01-18	16.81	
1978-11-17	16.32		1978-09-19	16.65	
1978-03-24	17.68		1977-09-16	17.44	
1977-03-08	16.22		1976-09-25	13.55	
1976-03-18	16.26		1975-09-05	14.98	
1975-03-21	15.69		1974-09-13	12.25	
1974-03-01	15.39		1973-09-10	14.06	
1973-03-27	15.69		1972-09-20	12.75	
1972-03-17	14.30		1971-09-27	11.79	
1971-03-16	14.48		1970-09-16	12.17	
1970-03-11	14.21		1969-09-16	12.67	
1969-04-11	15.81		1968-09-12	14.06	
1968-03-21	14.98		1967-09-18	12.64	
1967-04-27	14.62		1967-03-25	14.81	
1965-04-01	14.06				
1964-09-24	11.10				
Note: A nearby site that taps the same aquifer was being pumped.					
1964-03-31	14.26		1963-09-24	9.31	
1963-03-22	14.88				
1962-09-26	11.35				
Note: A nearby site that taps the same aquifer was being pumped.					
1962-03-30	14.96		1961-09-28	10.70	
1961-03-29	14.25		1960-09-27	7.13	
1960-03-29	14.54		1959-10-28	10.04	
1959-04-27	14.24		1958-10-28	9.44	
1958-04-29	13.85		1957-10-28	8.65	
1957-04-25	14.17		1956-10-10	8.48	
1956-04-13	14.94		1955-04-27	14.08	
1954-09-17	9.74		1954-08-20	11.63	
1954-08-15	11.80		1954-08-10	12.07	
1954-08-05	12.29		1954-07-31	12.41	
1954-07-25	12.70		1954-07-20	12.83	
1954-07-15	13.09		1954-07-10	13.23	
1954-07-05	13.38		1954-06-30	13.52	
1954-06-25	13.63		1954-06-20	13.37	

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1954-06-15	13.59	
1954-06-05	14.27	
1954-05-25	14.67	
1954-05-15	14.91	
1954-05-05	15.11	
1954-04-30	15.08	
1954-04-20	14.60	
1954-04-10	14.32	
1954-03-31	14.06	
1954-03-20	13.79	
1954-03-10	13.53	
1954-02-28	13.28	
1954-02-20	13.12	
1954-02-10	12.84	
1954-01-31	12.58	
1954-01-20	12.27	
1954-01-10	11.96	
1953-12-25	11.48	
1953-12-15	11.18	
1953-10-23	9.80	
1953-10-19	10.00	
1954-06-10	14.29	
1954-05-31	14.44	
1954-05-20	14.85	
1954-05-10	15.05	
1954-05-02	15.13	
1954-04-25	15.00	
1954-04-15	14.43	
1954-04-05	14.18	
1954-03-25	13.94	
1954-03-15	13.67	
1954-03-05	13.43	
1954-02-25	13.24	
1954-02-15	12.99	
1954-02-05	12.73	
1954-01-25	12.40	
1954-01-15	12.08	
1953-12-31	11.64	
1953-12-20	11.34	
1953-12-11	11.09	
1953-10-20	9.93	

AC119
NNW
1/2 - 1 Mile
Lower

ID WELLS **ID8000000001100**

Wellnumber:	03N03W-03BCB2	Wateruse:	Unused
Wateruse2:	Not Reported	Completion:	10/8/1953
Totaldepth:	95	Elevation:	2429
X:	282960.4		
Y:	284425.3		
Quad:	Bois	Link :	http://www.idwr.state.id.us/obswell/
Wellid:	0		
Permitid:	0		
Metaltagnu:	Not Reported	Currentsta:	Not Reported
Constructi:	30-DEC-99		
Owner:	Not Reported		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	0		
Countyname:	Not Reported		
Township:	Not Reported	Range :	Not Reported
Section:	0		
Qqq:	Not Reported	Qq:	Not Reported
Quarter:	Not Reported		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	0		
Casingdiam:	0		
Casingdept:	0		
Datasource:	Not Reported		
Diversionn:	Not Reported		
Welldocs:	Not Reported		

Spatialdat: 0
Site id: ID8000000001100

120
WSW
1/2 - 1 Mile
Higher

ID WELLS **ID8000000079975**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	198	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	347000		
Permitid:	775146		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	27-APR-66		
Owner:	LAYTON TODD		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	9		
Qqq:	Not Reported	Qq:	Not Reported
Quarter:	NE		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	50		
Staticwate:	143		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=347000		
Spatialdat:	22381		
Site id:	ID8000000079975		

AD121
NW
1/2 - 1 Mile
Lower

ID WELLS **ID8000000029740**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	296397		
Permitid:	731802		
Metaltagnu:	D0001508	Currentsta:	Driller Report
Constructi:	31-DEC-97		

Owner:	RUSSELL WATSON		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	NW
Quarter:	SE		
Govlotnum:	0		
Welladdres:	5001 S KIMBALL		
Lot:	006	Block :	002
Subdivisio:	Not Reported		
Production:	100		
Staticwate:	40		
Casingdiam:	6		
Casingdept:	150		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=296397		
Spatialdat:	22661		
Site id:	ID8000000029740		

AD122
NW
1/2 - 1 Mile
Lower

ID WELLS **ID8000000027942**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	294599		
Permitid:	733843		
Metaltagnu:	D0012568	Currentsta:	Driller Report
Constructi:	21-DEC-99		
Owner:	CLYDE DURHAM		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	NW
Quarter:	SE		
Govlotnum:	0		
Welladdres:	SAME		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	40		
Staticwate:	45		
Casingdiam:	6		
Casingdept:	133		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=294599		

Spatialdat: 22661
Site id: ID8000000027942

AD123
NW
1/2 - 1 Mile
Lower

ID WELLS **ID8000000037689**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	304348		
Permitid:	724464		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	30-DEC-99		
Owner:	CARL WOODBURN		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	NW
Quarter:	SE		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	001, 003, 009	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	0		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=304348		
Spatialdat:	22661		
Site id:	ID8000000037689		

AD124
NW
1/2 - 1 Mile
Lower

ID WELLS **ID8000000033989**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	300646		
Permitid:	727663		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	09-DEC-93		

Owner:	BILL PUGH		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	NW
Quarter:	SE		
Govlotnum:	0		
Welladdres:	PAT LANE		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	60		
Casingdiam:	6		
Casingdept:	96		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=300646		
Spatialdat:	22661		
Site id:	ID8000000033989		

125
SSW
1/2 - 1 Mile
Higher

ID WELLS **ID8000000102584**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	121	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	369783		
Permitid:	798834		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	29-SEP-67		
Owner:	JOSEPH GOBLE		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	ADA		
Township:	03N	Range :	03W
Section:	15		
Qqq:	Not Reported	Qq:	NW
Quarter:	NW		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	15		
Staticwate:	4		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=369783		

Spatialdat:	23676
Site id:	ID8000000102584

AE126
NW
1/2 - 1 Mile
Lower

ID WELLS **ID8000000035530**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	302187		
Permitid:	726188		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	25-NOV-92		
Owner:	RALPH L TARRANT		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	SE
Quarter:	NE		
Govlotnum:	0		
Welladdres:	10TH AVE & USTICK		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	35		
Casingdiam:	16		
Casingdept:	241		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=302187		
Spatialdat:	23221		
Site id:	ID8000000035530		

AE127
NW
1/2 - 1 Mile
Lower

ID WELLS **ID8000000038036**

Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Totaldepth:	0	Elevation:	Not Reported
X:	0		
Y:	0		
Quad:	Not Reported	Link :	Not Reported
Wellid:	304695		
Permitid:	724053		
Metaltagnu:	Not Reported	Currentsta:	Driller Report
Constructi:	30-DEC-99		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner:	DONNA ZENOR		
Apptype:	Not Reported		
Welluse:	Not Reported		
Basinnumbe:	63		
Countyname:	CANYON		
Township:	03N	Range :	03W
Section:	4		
Qqq:	Not Reported	Qq:	SE
Quarter:	NE		
Govlotnum:	0		
Welladdres:	Not Reported		
Lot:	Not Reported	Block :	Not Reported
Subdivisio:	Not Reported		
Production:	0		
Staticwate:	0		
Casingdiam:	0		
Casingdept:	0		
Datasource:	QQ		
Diversionn:	Not Reported		
Welldocs:	http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=304695		
Spatialdat:	23221		
Site id:	ID8000000038036		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: ID Radon

Radon Test Results

Zipcode	Test Date	Floor	Result
83607	5/13/2005 0:00	1	1.10
83607	4/2/2005 0:00	1	0.60
83607	5/8/2006 0:00	1	3.10
83607	5/3/2006 0:00	1	3.50
83607	7/8/2006 0:00	1	0.80
83607	9/11/2006 0:00	0	2.40
83607	3/20/2006 0:00	0	2.00
83607	12/2/2006 0:00	1	0.90
83607	5/24/2007 0:00	0	2.70
83607	5/17/2007 0:00	0	5.50
83607	5/17/2007 0:00	1	1.00
83607	5/28/2007 0:00	3	0.30
83607	6/8/2007 0:00	0	2.10
83607	6/2/2007 0:00	0	1.20
83607	7/19/2007 0:00	1	0.30
83607	8/3/2007 0:00	3	0.30
83607	11/29/2007 0:00	1	1.20
83607	12/22/2007 0:00	1	0.70
83607	12/3/2007 0:00	3	2.90
83607	12/12/2007 0:00	0	2.40
83607	12/17/2007 0:00	1	1.30
83607	12/3/2007 0:00	0	2.90
83607	12/17/2007 0:00	3	1.60
83607	1/28/2008 0:00	0	1.00
83607	3/15/2008 0:00	3	0.30
83607	1/29/2008 0:00	0	1.80
83607	1/31/2008 0:00	0	0.50
83607	1/29/2008 0:00	0	3.00
83607	1/28/2008 0:00	3	3.20
83607	1/26/2008 0:00	0	6.90
83607	1/28/2008 0:00	0	2.50
83607	1/28/2008 0:00	3	1.50
83607	1/30/2008 0:00	1	0.90
83607	2/4/2008 0:00	3	1.90
83607	2/22/2008 0:00	1	0.80
83607	2/25/2008 0:00	0	2.80
83607	2/15/2008 0:00	3	2.10
83607	2/15/2008 0:00	1	0.30
83607	2/11/2008 0:00	0	2.30
83607	2/5/2008 0:00	1	0.30
83607	2/11/2008 0:00	1	0.30
83607	2/8/2008 0:00	1	1.20
83607	2/4/2008 0:00	3	0.90
83607	2/1/2008 0:00	0	2.10
83607	2/19/2008 0:00	1	2.10
83607	2/1/2008 0:00	1	0.80
83607			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

	2/4/2008 0:00	1	0.30
83607	2/18/2008 0:00	3	0.90
83607	2/4/2008 0:00	3	3.60
83607	2/29/2008 0:00	3	0.30
83607	8/3/2008 0:00	1	2.50
83607	3/13/2008 0:00	3	1.20
83607	3/13/2008 0:00	1	2.70
83607	5/1/2008 0:00	1	3.20
83607	1/20/2009 0:00	0	2.90
83607	11/13/2008 0:00	0	6.80
83607	8/21/2008 0:00	3	1.10
83607	4/10/2009 0:00	1	1.10
83607	2/12/2009 0:00	1	1.40
83607	2/26/2009 0:00	1	1.00
83607	2/28/2009 0:00	1	0.60
83607	3/9/2009 0:00	1	0.30
83607	3/6/2009 0:00	1	2.90
83607	3/7/2009 0:00	1	1.00
83607	3/24/2009 0:00	3	1.80
83607	3/30/2009 0:00	1	0.50
83607	4/14/2009 0:00	0	6.10
83607	4/4/2009 0:00	1	0.50
83607	9/9/2009 0:00	1	2.00
83607	9/9/2009 0:00	1	0.50
83607	10/1/2009 0:00	1	2.00
83607	10/1/2009 0:00	1	0.50
83607	11/16/2009 0:00	1	0.70
83607	12/1/2009 0:00	1	0.50
83607	1/29/2010 0:00	1	0.80
83607	1/26/2010 0:00	1	0.70
83607	10/25/2001 0:00	1	0.30
83607	2/12/2003 0:00	1	0.30
83607	2/10/2003 0:00	1	0.80
83607	2/15/2003 0:00	3	3.00
83607	2/17/2003 0:00	0	2.80
83607	3/14/2003 0:00	0	1.00
83607	3/10/2003 0:00	3	1.10
83607	5/14/2003 0:00	0	4.00
83607	11/9/2003 0:00	0	4.30
83607	2/5/2004 0:00	0	1.60
83607	4/4/2004 0:00	1	0.40
83607	5/7/2004 0:00	1	1.00
83607	5/6/2004 0:00	1	0.70
83607	6/2/2004 0:00		2.40
83607	6/7/2004 0:00	1	0.20
83607	6/11/2004 0:00	0	4.20
83607	11/4/2004 0:00	1	0.60
83607	11/22/2004 0:00		0.90
83607	11/20/2004 0:00	1	3.60
83607	12/3/2004 0:00	0	3.30
83607	12/6/2004 0:00	1	0.70
83607	2/18/2005 0:00	1	0.90
83607	2/18/2005 0:00	1	1.40
83607	2/23/2005 0:00	1	1.40

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for CANYON 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.

Federal Area Radon Information for CANYON COUNTY, ID

Number of sites tested: 22

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.464 pCi/L	95%	5%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.333 pCi/L	92%	8%	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.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

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

GEOLOGIC INFORMATION

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

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation 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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191 NORTH
Environmental Consulting

APPENDIX D

Credentials

Certificate of Insurance

191 NORTH
Environmental Consulting

Seth A. Brundige, P.G.

Regional Manager

Professional Experience Summary

Mr. Brundige has 14 years of experience in the environmental consulting, construction materials testing and the geotechnical industry. Mr. Brundige has vast experience in conducting transaction screens, environmental site assessments (ESAs), records search with risk assessments (RSRAs), subsurface exploration, field investigation and source approvals, soil sampling, groundwater sampling and turbidity testing, stormwater pollution prevention plans (SWPPP) and SWPPP inspections, and construction materials inspections/testing. Mr. Brundige's knowledge and background allow him to extend efficient and cost-efficient environmental compliance to clients.

Education

B.S., Geology at Eastern Washington University

Registration / Certifications

- Idaho Professional Geologist (PGL-1513)
- 40-Hour Hazardous Waste Operations & Emergency Response Training
- Asbestos Building Inspector (AHERA)
- Radon Measurement Provider (NRPP 107643)
- Washington CESCL (INWAGC-022014-957)
- ICC Reinforced Concrete Special Inspector (8063104)
- ICC Reinforced Masonry Special Inspector (8063104)
- MSHA – Surface Certified
- ACI Concrete Field Testing Technician (Grade I)
    - Asphalt Testing, I & II
    - Aggregate Testing
    - In-Place Density
    - Embankment & Base
    - Concrete Testing

Project Experience

- Conducted several hundred Phase I Environmental Site Assessments on, but not limited to: commercial office buildings, gasoline/service stations, shopping centers, residential development sites, drycleaners, industrial sites/buildings, aerospace manufacturers and facilities, plating facilities, iron foundries, hotels, auto/marine shops, and manufacturing facilities.
- Conducted asbestos testing at commercial, industrial, and private residential sites.
- Performed radon testing at numerous multi-family housing buildings in the Spokane-Coeur d'Alene area.
- Performed environmental soil/groundwater sampling and sub-surface explorations (Phase I & II ESAs) at numerous commercial, industrial, and residential sites for regulatory compliance in Idaho and Washington.
- Project management on environmental sites for over five years, including sites requiring regulatory closure.

Professional Experience

ALLWEST Testing & Engineering, LLC
Hayden, Idaho
Hayden Environmental Manager (2007-2016)

CRUX Subsurface, Inc.
Spokane Valley, Washington
Driller Assistant (2005)

City of Rathdrum
Rathdrum, Idaho
Public Works Laborer (2001-2005)