

**PHASE I ENVIRONMENTAL
SITE ASSESSMENT**

**WOODLANDS GOLF PARK
SEAFORD, DELAWARE**

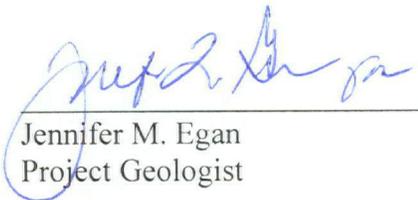
May 2010

Prepared for:

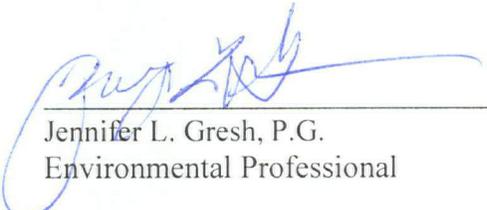
Sussex County
P.O. Box 589
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Prepared by:

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Consultants in the Geosciences
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Jennifer M. Egan
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Project No. 7864.EB

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1. INTRODUCTION

1.1 PURPOSE

This report summarizes Duffield Associates, Inc.'s (Duffield Associates) Phase I Environmental Site Assessment (ESA) of the approximately 41.4-acre portion ("Lot 3") of the Woodlands Golf Park located near Seaford, Sussex County, Delaware (Figure 1). Lot 3 is herein referred to as "the Property." Representatives of Sussex County requested this ESA to identify recognized environmental conditions (RECs) at the Property. RECs are conditions where structures, the ground, groundwater, or surface water are threatened by a release, or have experienced a release, of hazardous substances or petroleum products. Standards for the assessment are established in ASTM International "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessments Process," (ASTM E 1527-05). This Phase I ESA has been prepared in general accordance with that document.

1.2 DETAILED SCOPE OF SERVICES

Duffield Associates reviewed selected historical and regulatory information pertaining to the Property and nearby lands, and performed a walking visual reconnaissance in accordance with the scope of services described in our proposal, dated April 1, 2010. A copy of the approved scope of services is presented in Appendix A.

1.3 SIGNIFICANT ASSUMPTIONS

This report is based on Duffield Associates' professional judgment of environmental conditions observed during our visual reconnaissance of the Property, our interpretation of the reviewed aerial photographs, historical documents, regulatory information, and information conveyed to us through interviews. Our ability to effectively identify and assess environmental conditions is based on assumptions that: the conditions of concern were visible; the documents reviewed provide a reasonable record of historic land use and practices; and the interviewees provided thoughtful and truthful responses to the questions posed and are familiar with past practices and occurrences at the Property.

1.4 LIMITATIONS AND EXPECTATIONS

While this evaluation was performed in an effort to generally characterize the environmental conditions of the Property, the conclusions and recommendations are based solely on conditions encountered at the time of the reconnaissance effort. Latent conditions and other contingencies bearing upon the environmental condition of the site may be evident in the future.

1.5 USER RELIANCE

This report is intended for the exclusive use of Sussex County the “user” of this document. The information contained in this report may not be relied upon by any parties other than Sussex County without the prior written consent of Duffield Associates.

2. SITE DESCRIPTION

2.1 LOCATION AND LEGAL DESCRIPTION

The Property is a portion (Lot 3) of the Woodlands Golf Park located southwest of Lonesome Road near Seaford, Sussex County, Delaware (Figure 1). Currently, the owner of the Property proposes to subdivide the golf park identified as Sussex County Tax Parcel No. 53101500002101. “Lot 3” is a 41.4-acre portion of that tax parcel. Currently, the Property is zoned residential (AR-1).

2.2 SITE AND VICINITY GENERAL CHARACTERISTICS

The predominant use of land in the vicinity of the Property is for agricultural purposes. Undeveloped, forested lands are also present in the vicinity of the Property.

2.3 CURRENT USE OF THE PROPERTY

Currently, the Property is developed for use as a nine (9) hole golf course. The Property has not operated as a golf course since 2006.

2.4 DESCRIPTIONS OF STRUCTURES, ROADS, OTHER IMPROVEMENTS ON SITE

The Property is developed with the following features: a club house, a parking area near the building, and a shed located in the northeast portion of the Property. Three (3) ponds and an underground irrigation system are also present at the Property.

2.4.1 HEATING AND COOLING SYSTEM

The club house was heated by an oil-burning furnace. Heating oil was stored in an approximately 275-gallon above ground storage tank currently located in the basement of the club house. The former club house was cooled by window-mounted air conditioning units.

2.4.2 SEWAGE DISPOSAL

According to the Owner of the Property, Mr. Clarence Gardner, sewage disposal is via an on-site cess pool. The cesspool is located in the eastern side of the club house.

2.4.3 SOURCE OF POTABLE WATER

A potable supply well serves the club house and is located to the northwest side of the building, near the shed.

2.5. CURRENT USE OF ADJOINING PROPERTIES

The Property is surrounded by undeveloped, forested land and land that is used for agricultural purposes.

3. USER PROVIDED INFORMATION

3.1 TITLE RECORDS

Land title records were not searched for by Duffield Associates.

3.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

Per the request of the User, Duffield Associates did not conduct a separate review for the existence of environmental liens or activity and use limitations on the Property.

3.3 SPECIALIZED KNOWLEDGE

Mr. Michael Izzo of Sussex County Department of Engineering completed a "User Questionnaire" to support preparation of this Phase I ESA. A copy of the User Questionnaire is provided in Appendix B. Mr. Izzo's responses to the User Questionnaire indicated that he is unaware of any environmental clean-up liens, engineering controls, land use restrictions, or institutional controls associated with the Property. Mr. Izzo also has indicated that he has no specialized knowledge of the Property or the surrounding properties.

3.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

Based on the information provided in the User Questionnaire, the Property was used for agricultural purposes since approximately the mid-1930s. The land was redeveloped in 1995 as the Woodlands Golf Park.

3.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

As indicated on the User Questionnaire (Appendix B), Duffield Associates understands that no reduction of the value of the property has been applied due to environmental issues.

3.6 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

Owner/Property Manager: Clarence M. Gardner

Occupant: None

3.7 REASON FOR PERFORMING PHASE I

Sussex County requested this Phase I ESA as part of its due diligence associated with the potential purchase of the Property. Duffield Associates understands that Sussex County intends to use the Property to store dredged materials from the Nanticoke River and as a potential passive recreation park.

4. RECORDS REVIEW

4.1 ENVIRONMENTAL DATABASE SEARCH

Duffield Associates reviewed an environmental database search for the Property and surrounding areas prepared by our subcontractor, Environmental Data Resources, Inc., (EDR). The report includes information gathered from environmental regulatory agency databases. The EDR report, included in Appendix C, dated April 5, 2010, presents the findings of the database search. The Property is not listed in the EDR report.

A brief description follows for sites identified within the search distance prescribed by ASTM International for Phase I ESAs.

4.1.1. FEDERAL NATIONAL PRIORITY LIST (NPL) SITES/DE-LISTED NPL

Search distance: One mile/one-half mile.

The EDR report does not identify a Federal NPL site within one mile of the Property. The EDR report does not identify a Federal DE-listed NPL site within one-half mile of the Property.

4.1.2 FEDERAL COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY INFORMATION SYSTEM (CERCLIS) LIST/CERCLIS No FURTHER REMEDIATION ACTION PLANNED (NFRAP)

Search distance: One-half mile/one-half mile.

The EDR report does not identify a Federal CERCLIS List site or a NFRAP facility within one-half mile of the Property.

4.1.3 FEDERAL RESOURCE CONSERVATION AND RECOVERY ACT (RCRA)
CORRACTS FACILITIES

Search distance: One mile.

The EDR report does not list Federal RCRA-CORRACTS facilities within one mile of the Property.

4.1.4 FEDERAL RCRA NON-CORRACTS TREATMENT, STORAGE, DISPOSAL (TSD)
FACILITIES

Search distance: One-half mile.

The EDR report does not list Federal RCRA non-CORRACTS TSD facilities within one-half mile.

4.1.5 FEDERAL RCRA GENERATORS LIST

Search distance: Property and adjoining properties.

The EDR report does not identify the Property or adjoining properties RCRA Generators.

4.1.6 FEDERAL INSTITUTIONAL CONTROL/ENGINEERING CONTROL

Search distance: Property only.

The EDR report does not identify Federal institutional or engineering controls on the Property.

4.1.7 FEDERAL EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) LIST

Search distance: Property only.

The EDR report does not identify the Property on the Emergency Response Notification System (ERNS) list.

4.1.8 STATE HAZARDOUS WASTE SITE (SHWS)

Search distance: One-half mile

The EDR does not identify SHWS in the prescribed search radii.

4.1.9 SOLID WASTE FACILITY/LANDFILL (SWF/LF)

Search distance: One-half mile.

The EDR report does not identify any SWF/LF facilities within one-half mile of the Property.

4.1.10. LEAKING UNDERGROUND STORAGE TANK (LUST) SITES

Search distance: One-half mile.

The EDR report does not identify LUST sites within one-half mile of the Property.

4.1.11 U NDERGROUND STORAGE TANK (UST) SITES

Search distance: Property and adjoining properties.

The EDR report does not identify the Property or adjoining properties as UST sites.

4.1.12 S TATE INSTITUTIONAL CONTROL/ENGINEERING CONTROL

Search distance: Property only.

The EDR report does not identify state institutional or engineering controls on the Property.

4.1.13. VOLUNTARY CLEANUP PROGRAM (VCP) SITES

Search distance: One-half mile.

The EDR report does not identify VCP sites within a one-half mile radius of the Property.

4.1.14 S TATE BROWNFIELD SITES

Search distance: One-half mile.

The EDR report does not identify State Brownfield sites within a one-half mile radius of the Property.

4.1.15 U NMAPPED SITES

EDR was unable to plot the location of 40 sites due to insufficient address information. Duffield Associates reviewed these sites and estimated their

locations based on our experience in the area. These sites do not appear to be the Property, adjacent to the Property, or within the prescribed search radii for the listed databases.

4.2 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

4.2.1 STATE ENVIRONMENTAL DATABASE SEARCH

Duffield Associates accessed the State of Delaware, Department of Natural Resources and Environmental Control's (DNREC) "Environmental Navigator" (DEN) online database to review additional environmental record sources (Appendix D). The Property is not listed in the DEN. The DEN does not identify other sites or facilities within the search distances prescribed by ASTM International for Phase I ESAs.

4.3 PHYSICAL SETTING SOURCE(S)

Duffield Associates reviewed applicable maps to characterize the site regarding surface topography, flooding potential, and wetland information. The following summarizes our observations:

4.3.1 TOPOGRAPHY AND ESTIMATED GROUNDWATER FLOW

Based on a review of the applicable United States Geological Survey (USGS) topographic map⁽¹⁾ the elevation of the Property ranges from approximately 15 to 25 feet above mean sea level. Based on the topographic map review and the site reconnaissance, the Property slopes downward south-southeast towards the Turtle Branch (see Figure 1, Appendix E).

Shallow groundwater in the vicinity of the Property is expected to follow topography and flow south-southeast toward Turtle Branch. Turtle Branch is approximately 200 feet from the southwestern border of the Property and flows southeast toward the Nanticoke River.

4.3.2 SOILS

A review of the STATSGO⁽²⁾ database indicates that Galestown soils are mapped on the Property. According to the database, Galestown soils are comprised of loamy sand with high infiltration rates and are deep, well-drained to excessively well-drained sands and gravels. No environmental concerns are noted as associated with these soils.

4.4 HISTORICAL USE INFORMATION

4.4.1 SANBORN FIRE INSURANCE MAPS

According to EDR, Sanborn Fire Insurance Maps (Sanborn Maps) were not available for the Property or surrounding areas. Appendix F contains EDR's report of negative findings.

4.4.2 AERIAL PHOTOGRAPH REVIEW

Duffield Associates reviewed aerial photographs to evaluate historical land use that may affect environmental conditions at the Property. Our review included photographs taken during the years 1937, 1954, 1961, 1968, 1992, 1997, and 2007 (Appendix G).

4.4.2.1 THE PROPERTY

The Property appears to have been used for agricultural purposes from 1937 (earliest reviewed photograph) to 1992 with little change through the years reviewed. An apparent residential-use building (present day club house) and other, larger structures to support agricultural work (e.g., barns) are depicted on the Property, near Woodland Road. Only the residential use building is depicted on the Property after 1997. Similarly, agricultural fields are depicted during the period of 1937 through 1992. The 1997 aerial photograph depicts the Property as it is today. No apparent environmental conditions were observed on the Property during the aerial photograph review.

4.4.2.2 SURROUNDING AREAS

Aerial photographs for the period of 1937 through 2007 depict the surroundings areas as forested and agricultural lands. No apparent environmental conditions were observed on the surrounding areas in the aerial photograph review.

4.4.3 HISTORIC TOPOGRAPHIC MAP REVIEW

Duffield Associates reviewed historic topographic maps to evaluate historical land use that may affect environmental conditions at the Property. Our review included maps from the years 1915, 1948, 1955, 1986, and 1992 (Appendix E).

4.4.3.1 THE PROPERTY

A small, residential-size structure is depicted on the Property throughout the reviewed period of 1915 through 1992. No apparent environment conditions were observed on the Property in the topographic map review.

4.4.3.2 SURROUNDING AREAS

The areas surrounding the Property appear as undeveloped or forested land throughout the reviewed period of 1915 through 1992. No apparent environment conditions were observed on the surrounding areas in the topographic map review.

5. **SITE RECONNAISSANCE**

Duffield Associates' personnel completed a reconnaissance of the Property on April 21, 2010. The walking reconnaissance consisted of a visual review and photo documentation of present site conditions for RECs.

5.1 GENERAL SITE SETTING

The Property is located approximately 3.25 miles to the southwest of Seaford, Delaware, in an area that generally is undeveloped forested lands or used for agricultural purposes. Adjoining the Property to the northeast is an automotive maintenance garage and forested lands that are part of the larger site (Lots 1 and 2). A drainage ditch borders the property to the east.

5.2 EXTERIOR OBSERVATIONS

The Property consists of support buildings, greens, tees, and ponds for the golf park. The club house is a two-story building that is wood and masonry constructed with a basement (Photograph 1). A cesspool is located to the east of the club house (Photograph 2). A potable supply well and shed are located to the west of the building (Photograph 3). Three (3) ponds (Photographs 4 and 5) were observed on the Property. An agricultural ditch that borders the east boundary of the Property was also observed (Photograph 6).

5.3 INTERIOR OBSERVATIONS

Duffield Associates reviewed the interior of club house and shed. The club house was vacant. An above ground heating oil tank, approximately 275 gallons in size, was observed in the basement (Photograph 7). According to the Property owner the oil tank is approximately one-quarter full. The shed was also observed to be empty (Photograph 8).

6. INTERVIEWS

6.1 INTERVIEW WITH CURRENT OWNER

Duffield Associates conducted an on-site interview on April 21, 2010, with Mr. Kevin Thawley, who indicated that he is the owner's real estate agent. The current owner of the Property, Mr. Clarence Gardner, was provided a list of questions prior to the site visit and answered the questions through Mr. Thawley. According to Mr. Gardner, the golf course was a walking course, golf carts, or cart fueling systems were not used at the Property. Mr. Gardner indicated that the only fuel storage at the Property was a heating oil tank for the furnace in the club house. No other above or underground storage tanks are present on the Property. Mr. Gardner also indicated that the club house is serviced by an onsite water supply well and septic system. Mr. Gardner indicated that the club house was a former residence and no chemicals were disposed to the cesspool during his ownership of the Property.

Mr. Gardner indicated that agricultural fertilizers and chemicals were used at the golf park and were stored in the maintenance garage located on Lot 2, which adjoins the Property to the north. According to Mr. Gardner, these materials were ordered and applied only as needed.

The golf park is irrigated using a buried irrigation system. Mr. Gardner stated that the supply well for the irrigation system is not on the Property.

To Mr. Gardner's knowledge, there has not been dumping of hazardous waste, or institutional/engineering control on the Property, and that he is unaware of environmental concerns associated with the Property.

6.2 INTERVIEWS WITH OCCUPANTS

The Property is unoccupied.

7. DEVIATIONS/DATA GAPS

Duffield Associates was not provided the results of a title or environmental lien search, nor were these searches requested by the User. However, these data gaps have not precluded Duffield Associates from identifying RECs at the Property.

8. FINDINGS AND OPINION

The Property was developed for use as a golf park in 1995 and operated until 2006. The owner indicated during the interview that chemicals were applied to maintain the golf park. It is Duffield Associates experience that elevated concentrations of organic and

inorganic pesticides are commonly associated with the greens and tees of golf courses, where more chemicals tend to be applied. These chemicals also have the potential to accumulate in drainage areas, such as stormwater management basins and swales. The potential for pesticide impact to the surface soils at the Property is considered a REC.

Title and environmental lien searches were not conducted to support this Phase I ESA. Based on the review of environmental databases and site history, this data gap did not affect Duffield Associates' ability to identify RECs at the Property.

9. CONCLUSIONS

This report is Duffield Associates' Phase I ESA of the approximately 41.4-acre portion ("Lot 3") of the former Woodlands Golf Park located near Seaford, Sussex County, Delaware. Duffield Associates understands that Sussex County intends to use the Property for dredge material storage and potentially a passive use park. Representatives of Sussex County requested this ESA to identify RECs prior to purchasing the Property. RECs are generally defined as conditions where structures, the ground, groundwater, or surface water are threatened by a release, or have experienced a release, of hazardous substances or petroleum products. The ESA included a "walking reconnaissance" of the Property to observe current site conditions, and a review of historic and regulatory environmental documentation pertaining to the site and nearby areas. In accordance with the standard Phase I ESA process, our assessment did not include sampling of soils, groundwater, or other media for evaluation.

One REC was identified associated with the Property. The owner indicated during the interview that chemicals were applied to maintain the golf park. It is Duffield Associates' experience that elevated concentrations of organic and inorganic pesticides are commonly associated with the greens and tees of golf courses, where more chemicals tend to be applied. These chemicals also have the potential to accumulate in drainage areas, such as stormwater management basins and swales. The potential for pesticide impact to the surface soils at the Property is considered a REC.

Duffield Associates recommends sampling and analysis of soils in these locations to evaluate potential pesticide impact to soils at the Property and provide an understanding of background soil conditions prior to use of the Property for dredge material storage.

This report is based on Duffield Associates' professional judgment of environmental conditions observed during our visual reconnaissance of the Property, and our interpretation of the reviewed aerial photographs, historical documents, and regulatory information. Environmental professional qualifications are presented in Appendix H. The environmental professional statement and signature are presented in Section 11.

While this evaluation was performed in an effort to generally characterize the environmental conditions of the Property, the observations, conclusions, and recommendations are based solely

on conditions encountered at the time of the reconnaissance effort. Latent conditions and other contingencies bearing upon the environmental condition of the site may be evident in the future.

10. REFERENCES

1. U.S. Department of the Interior, Geologic Survey, Topographic Map, Sharptown, Delaware, 1992.
2. U.S. Department of Agriculture, Soil Conservation Service, <http://soils.usda.gov/survey/geography/ssurgo/>

11. STATEMENT OF ENVIRONMENTAL PROFESSIONAL

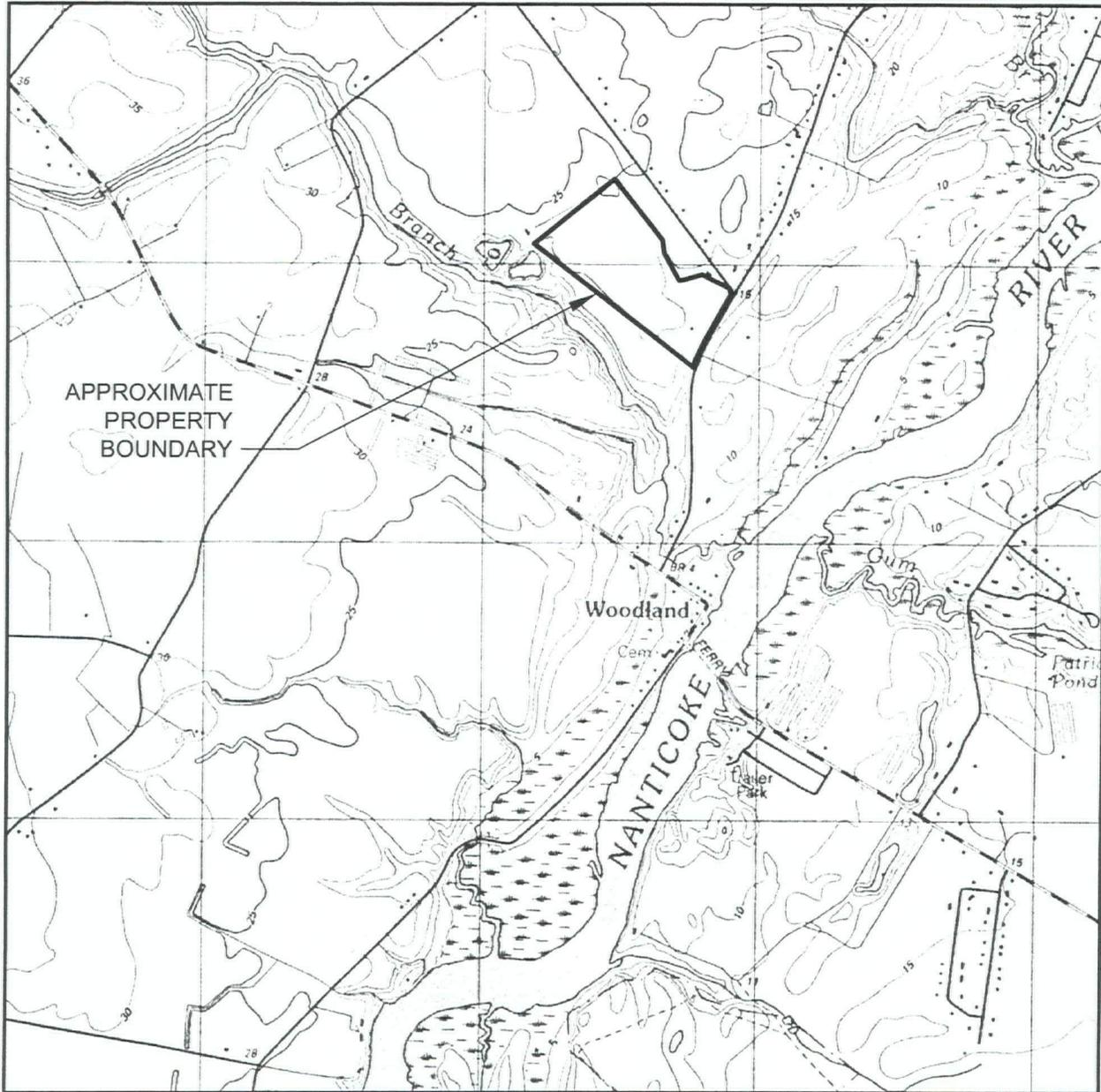
I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of the United States Environmental Protection Agency's "Standards and Practices for All Appropriate Inquiries" Code of Federal Regulations Title 40, Part 312 (40 CFR Part 312). I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Jennifer L. Gresh, P.G.
Environmental Professional

WORD\7864EB.0510.WoodlandsGolfClubPh I.RPT

FIGURES



NOTE:
 THIS LOCATION SKETCH IS ADAPTED FROM THE U.S.G.S. TOPOGRAPHIC MAP,
 7.5 MINUTE SERIES, FOR SHARPTOWN, MD.-DEL., 1993.

DATE: 3 MAY 2010	SITE LOCATION SKETCH WOODLANDS GOLF PARK SEAFORD ~ SUSSEX COUNTY ~ DELAWARE	DESIGNED BY: JLG	 <i>Consultants in the Geosciences</i> 5400 LIMESTONE ROAD WILMINGTON, DE 19808-1232 TEL. (302)239-6634 FAX (302)239-8485 OFFICES IN PHILADELPHIA, PA AND GEORGETOWN, DE E-MAIL: DUFFIELD@DUFFINET.COM
SCALE: 1" = 2,000'		DRAWN BY: GAZ	
PROJECT NO. 7864.EB		CHECKED BY: 	
SHEET: FIGURE 1		FILE: A7864EB-Loc	

PHOTOGRAPHS



Photograph 1 – Two-story building (club house).



Photograph 2 – Cesspool cover near east side of two-story building.

**Woodlands Golf Park
Phase I ESA**



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Project No. 7864.EB

Date: April 21, 2010



Photograph 3 – Shed west of two-story building and potable well.



Photograph 4 – East pond.

**Woodlands Golf Park
Phase I ESA**



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Photograph 5 – West pond.



Photograph 6 – Agricultural ditch bordering the east of the Property.

**Woodlands Golf Park
Phase I ESA**

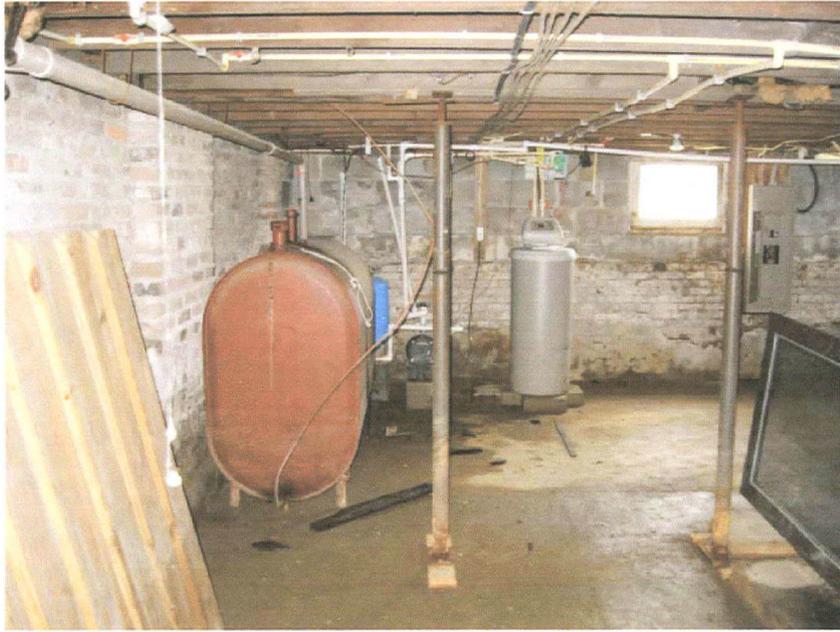


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Photograph 7 – Above ground tank in basement.



Photograph 8 – Shed located west of two-story house.

**Woodlands Golf Park
Phase I ESA**



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Date: April 21, 2010

APPENDIX A

SCOPE OF SERVICES

SCOPE OF SERVICES

1. **Property Interviews.** Seek interviews with the current owners and occupants. In the case of multiple occupants, we will seek to interview the major occupants and those likely, in our opinion, to have environmental issues. Interviews with at least one (1) of the following will also be sought: current or past facility manager; past owners, occupants, or operators; or employees of current and past occupants. For certain abandoned properties, interviews may be sought from one or more owners or occupants of neighboring properties. A reasonable attempt will be made to perform interviews during the site reconnaissance or by telephone.
2. **Historical Sources.** Search for up to two (2) historical sources, usually aerial photographic records and historical fire insurance or topographic maps. If available, the historical data will help us evaluate the likelihood that past usage of the Property and the surrounding area may have led to RECs. Environmental Data Resources, Inc. (EDR), our subcontractor, will search for historical maps and provide copies of the available maps.
3. **Government Records.** Review information supplied by our subcontractor, EDR, gathered from State and Federal environmental regulatory agency databases for the Property and surrounding area.
4. **Government Interviews.** Interview local, State, or Federal government officials, at Duffield Associates' discretion, if the Property is listed on the reviewed government records. The purpose of such interviews would be to discuss RECs and the current regulatory status of those conditions. In some cases, the reviewed records may be sufficient to render interviews unnecessary or unproductive, in our opinion. In such cases, interviews would not be conducted.
5. **Physical Setting.** Review a United States Geological Survey topographic map (or equivalent) to help evaluate probable drainage patterns and potential for historic off-site activities to affect environmental conditions on the Property.
6. **Site Reconnaissance.** The outdoor portions of the Property will be visually reviewed, to the extent not obstructed by bodies of water, adjacent buildings, or other obstacles with the intent of identifying readily observable potential RECs. If buildings are present, Duffield Associates will conduct a visual review of a representative number of rooms in the interior of on-site structures, including apparent maintenance rooms, utility rooms, or storage areas, for indications of hazardous substance use, petroleum use, and pathways by which such materials could enter the environment exterior to the buildings.
7. **Verbal Report.** Contact you following completion of the field work to discuss our findings and/or notify you of conditions that, in our opinion, may warrant further evaluation or exploration.
8. **Written Report.** Prepare and provide a draft copy of the report prepared in the format of ASTM E 1527-05. With your consent, we will finalize and provide two (2) copies of a final report summarizing the information gathered during the Phase I ESA described above, and our conclusions and recommendations regarding indicated environmental conditions at the Property.

APPENDIX B
USER QUESTIONNAIRE

User Questionnaire

Completion of this questionnaire is required for successful completion of the Phase I Environmental Site Assessment (ESA). If this questionnaire is not provided by the intended user of the Phase I ESA, the report will be considered incomplete.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under local, State, or Federal law? *ANS: No*

2. Are you aware of any engineering controls, land use restrictions, or institutional controls that are in place at the site and/or have been filed or recorded under local, State, or Federal law? *ANS: No*

3. As the user of this Phase I ESA, do you have any specialized knowledge of the Property or the surrounding properties? For example, are you involved in the same line of business as the current or former occupants of the property or adjoining properties so that you would have specialized knowledge of the chemicals and processes used by this type of business.

ANS: I have no specialized knowledge of the property or surrounding properties.

4. Does the purchase price for the property reasonably reflect the fair market value of the property? If 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?

ANS: The purchase price reflects fair market value.

5. Are you aware of commonly known or reasonable ascertainable information regarding the property that would help the environmental professional identify conditions indicative of releases or threatened releases? For example,

a. Do you know the past uses of the property? *ANS: The property was most recently used as a public golf course, which closed several years ago. Aerial photo's show an agricultural use prior to the golf course opening.*

b. Do you know of specific chemicals that are present or once were present at the property? *ANS: No*

c. Do you know of spills or other chemical releases that have taken place at the property? *ANS: No*

d. Do you know of any environmental cleanups that have taken place at the property?

ANS: No

6. As the user of this Phase I ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property? ANS: No

If available: Please provide additional contact information of owners and/or operators of the property that may be useful in providing insight to the historical uses of the property.

Contact Information:	<u>Owner</u>	<u>Operator</u>
Name:	<u>Clarence M. Gardner.</u>	_____
Phone number:	<u>(302) 629-8922</u>	_____
Address:	<u>27866 Woodland Rd</u>	_____
	<u>Seaford, DE 19973</u>	_____
Other (fax, email,...)	_____	_____
	_____	_____
	_____	_____

User Answering Questions On This Form: _____
(Signature) 
Michael A. Izzo, P.E.
(Please Print Name & Title)

Company User Represents: Sussex County Council

Date: 4/21/2010

APPENDIX C

EDR REPORT

Woodlands Site

27866 Woodland Road
Seaford, DE 19973

Inquiry Number: 2737205.2s
April 05, 2010

The EDR Radius Map™ Report with GeoCheck®



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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

27866 WOODLAND ROAD
SEAFORD, DE 19973

COORDINATES

Latitude (North): 38.613900 - 38° 36' 50.0"
Longitude (West): 75.660900 - 75° 39' 39.2"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 442460.0
UTM Y (Meters): 4273932.0
Elevation: 22 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 38075-E6 SHARPTOWN, DE
Most Recent Revision: 1992

North Map: 38075-F6 SEAFORD WEST, DE
Most Recent Revision: 1992

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2005, 2006
Source: USDA

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

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

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

Federal CERCLIS NFRAP site List

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS..... Hazardous Substance Release Sites

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

SWF/LF..... Solid Waste Facilities

State and tribal leaking storage tank lists

LUST..... Leaking Underground Storage Tank Project Listing
LAST..... Leaking Aboveground Storage Tank Sites
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST..... Underground Storage Tank Database

EXECUTIVE SUMMARY

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

State and tribal institutional control / engineering control registries

INST CONTROL..... All Sites with Deed Restrictions

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Sites
INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Certified Brownfields

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
SWRCY..... Recyclers Directory
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

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

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Environmental Release Notification System

Other Ascertainable Records

RCRA-NonGen..... RCRA - Non Generators
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites

EXECUTIVE SUMMARY

MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
UIC.....	Underground Injection Wells Inventory Listing
DRYCLEANERS.....	Drycleaner Facility Listing
ENF.....	Notice of Violations
NPDES.....	Wastewater Permit Listing
AIRS.....	Air Emissions Listing
TIER 2.....	Tier 2 Facility Listing
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
COAL ASH DOE.....	Sleam-Electric Plan Operation Data
PCB TRANSFORMER.....	PCB Transformer Registration Database

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

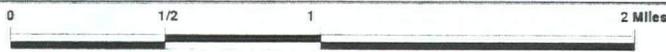
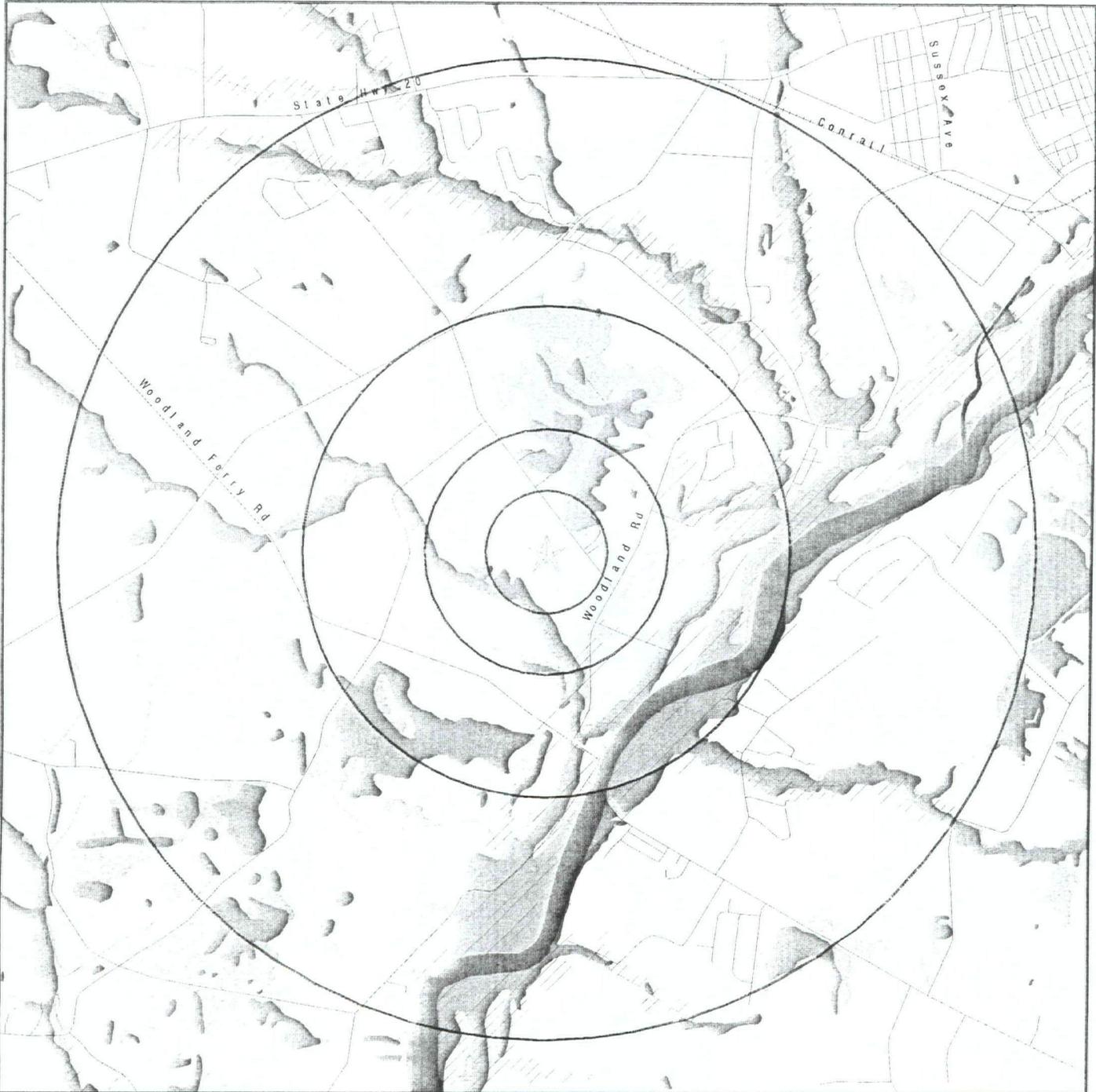
Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
SEAFORD POWER PLANT	VCP,HWS
MOORE DUMP	CERCLIS-NFRAP,HWS,AST,INST CONTROL
BLADES TERMINAL (EAST)	AST
GETHSEMANE UNITED METHODIST CHURCH	AST
FOXES CLEANERS - 1015 NORMAN ESKRID	DRYCLEANERS
SEAFORD MIDDLE SCHOOL	FTTS,HIST FTTS INSP
DUPONT SEAFORD PLANT	HWS
LAKEVIEW TRUCK SERVICE	LUST
FORMER MALLINCKRODT VETERINARY, IN	LUST
IMPERIAL SALES	LUST,UST
SCHMIDT BAKING COMPANY,SEAFORD	LUST
KAYE CONSTRUCTION	LUST,UST
LENA CHAFFINCH	LUST
SEAFORD GLOBAL	LUST
KENT SUSSEX TIRES	LUST
SEAFORD MIDDLE SCHOOL	LUST,UST
HARDSCRAPPLE STORE	UST
MOYER PACKING CO	UST
SCHMIDT BAKING CO	FINDS,RCRA-CESQG,UST
DAVID BAKER	UST
KENT SUSSEX TIRE	UST
SHORE STOP #250	UST
ESTATE OF LENA M CHAFFINC	UST
FORMER AMOCO #21236	UST
SUPER SODA CENTER (SEAFORD)	ICIS
HASTINGS RON DBA PINE RIDGE MOBILE	ICIS
LAYTONS RIVIERA	ICIS
SUPER SODA CENTER	ICIS
AG CHEM INC.	SSTS
UAP NORTHEAST INC	SSTS
AG-CHEM INC.	SSTS
AMERICAN ORIGINAL - SEAFORD	AIRS
MOUNTAIRE FARMS OF DELMARVA-SEAFOR	AIRS
SMITHFIELD BEEF GROUP-SOUDERTON SE	AIRS
EDWARD J KAYE CONSTRUCTION	AIRS
CONECTIV NORTH SEAFORD SUBSTATION	AIRS
PENINSULA DRY CLEANERS	TIER 2
TRI GAS & OIL ALLENS HATCHERY (SEA	TIER 2
JBS SOUDERTON, INC - SEAFORD DIVIS	TIER 2
AMERICAN ORIGINAL - SEAFORD	NPDES

OVERVIEW MAP - 2737205.2s

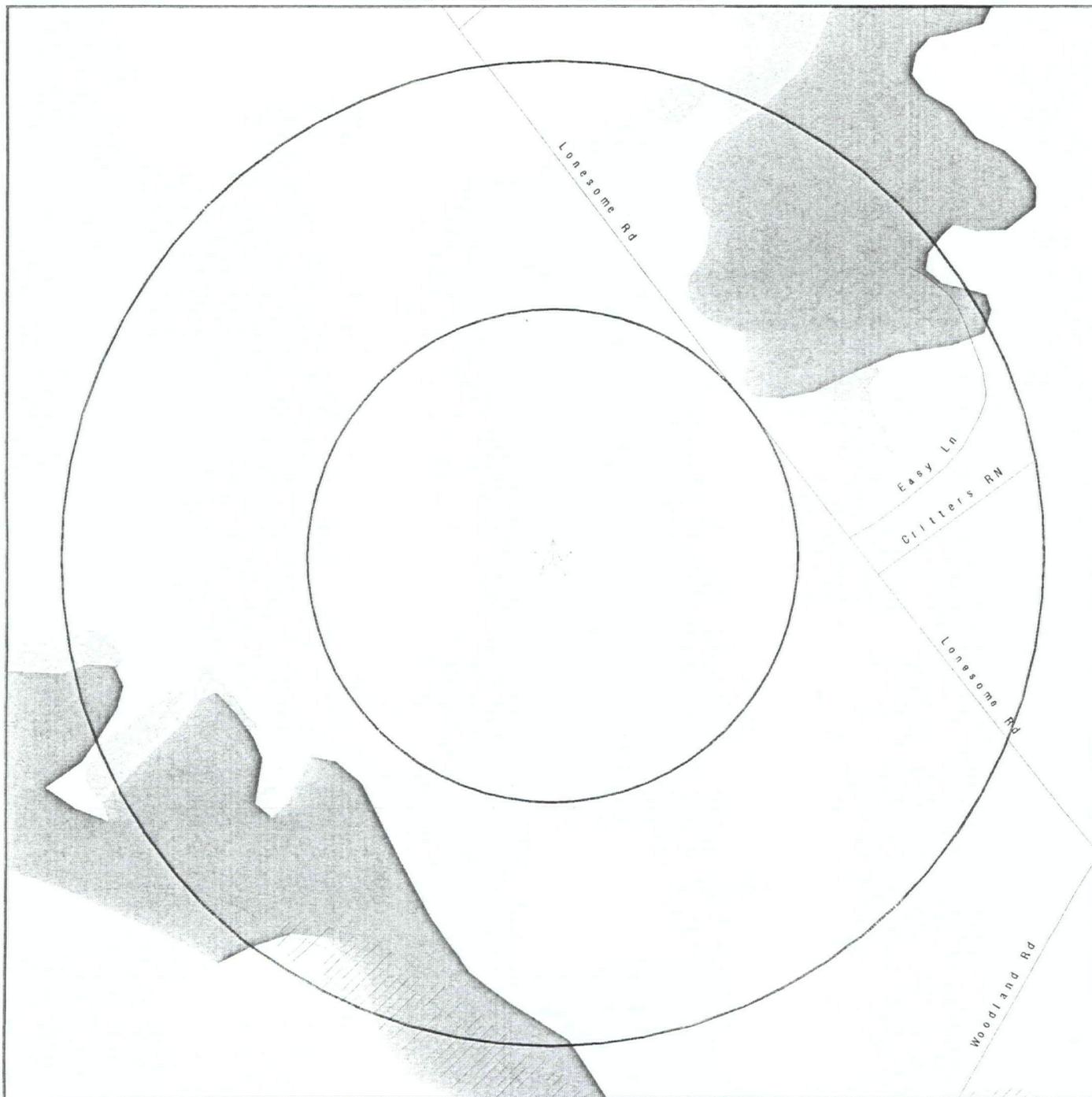


- * Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year 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.

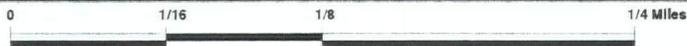
<p>SITE NAME: Woodlands Site ADDRESS: 27866 Woodland Road Seaford DE 19973 LAT/LONG: 38.6139 / 75.6609</p>	<p>CLIENT: Duffield Associates, Inc. CONTACT: Jen Gresh INQUIRY #: 2737205.2s DATE: April 05, 2010 4:52 pm</p>
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DETAIL MAP - 2737205.2s



- ☒ 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
- ☐ Oil & Gas pipelines
- ☐ 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: Woodlands Site
 ADDRESS: 27866 Woodland Road
 Seaford DE 19973
 LAT/LONG: 38.6139 / 75.6609

CLIENT: Duffield Associates, Inc.
 CONTACT: Jen Gresh
 INQUIRY #: 2737205.2s
 DATE: April 05, 2010 4:53 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Federal NPL site list</i>								
	NPL	1.500	0	0	0	0	0	0
	Proposed NPL	1.500	0	0	0	0	0	0
	NPL LIENS	0.500	0	0	0	NR	NR	0
<i>Federal Delisted NPL site list</i>								
	Delisted NPL	1.500	0	0	0	0	0	0
<i>Federal CERCLIS list</i>								
	CERCLIS	1.000	0	0	0	0	NR	0
	FEDERAL FACILITY	1.500	0	0	0	0	0	0
<i>Federal CERCLIS NFRAP site List</i>								
	CERC-NFRAP	1.000	0	0	0	0	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
	CORRACTS	1.500	0	0	0	0	0	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
	RCRA-TSDF	1.000	0	0	0	0	NR	0
<i>Federal RCRA generators list</i>								
	RCRA-LQG	0.750	0	0	0	0	NR	0
	RCRA-SQG	0.750	0	0	0	0	NR	0
	RCRA-CESQG	0.750	0	0	0	0	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
	US ENG CONTROLS	1.000	0	0	0	0	NR	0
	US INST CONTROL	1.000	0	0	0	0	NR	0
<i>Federal ERNS list</i>								
	ERNS	0.500	0	0	0	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
	SHWS	1.500	0	0	0	0	0	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
	SWF/LF	1.000	0	0	0	0	NR	0
<i>State and tribal leaking storage tank lists</i>								
	LUST	1.000	0	0	0	0	NR	0
	LAST	1.000	0	0	0	0	NR	0
	INDIAN LUST	1.000	0	0	0	0	NR	0
<i>State and tribal registered storage tank lists</i>								
	UST	0.750	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST		0.750	0	0	0	0	NR	0
INDIAN UST		0.750	0	0	0	0	NR	0
FEMA UST		0.750	0	0	0	0	NR	0
State and tribal institutional control / engineering control registries								
INST CONTROL		1.000	0	0	0	0	NR	0
State and tribal voluntary cleanup sites								
VCP		1.000	0	0	0	0	NR	0
INDIAN VCP		1.000	0	0	0	0	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		1.000	0	0	0	0	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		1.000	0	0	0	0	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9		1.000	0	0	0	0	NR	0
ODI		1.000	0	0	0	0	NR	0
SWRCY		1.000	0	0	0	0	NR	0
INDIAN ODI		1.000	0	0	0	0	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		0.500	0	0	0	NR	NR	0
US HIST CDL		0.500	0	0	0	NR	NR	0
Local Land Records								
LIENS 2		0.500	0	0	0	NR	NR	0
LUCIS		1.000	0	0	0	0	NR	0
Records of Emergency Release Reports								
HMIRS		0.500	0	0	0	NR	NR	0
SPILLS		0.500	0	0	0	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.750	0	0	0	0	NR	0
DOT OPS		0.500	0	0	0	NR	NR	0
DOD		1.500	0	0	0	0	0	0
FUDS		1.500	0	0	0	0	0	0
CONSENT		1.500	0	0	0	0	0	0
ROD		1.500	0	0	0	0	0	0
UMTRA		1.000	0	0	0	0	NR	0
MINES		0.750	0	0	0	0	NR	0
TRIS		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TSCA		0.500	0	0	0	NR	NR	0
FTTS		0.500	0	0	0	NR	NR	0
HIST FTTS		0.500	0	0	0	NR	NR	0
SSTS		0.500	0	0	0	NR	NR	0
ICIS		0.500	0	0	0	NR	NR	0
PADS		0.500	0	0	0	NR	NR	0
MLTS		0.500	0	0	0	NR	NR	0
RADINFO		0.500	0	0	0	NR	NR	0
FINDS		0.500	0	0	0	NR	NR	0
RAATS		0.500	0	0	0	NR	NR	0
UIC		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.750	0	0	0	0	NR	0
ENF		0.500	0	0	0	NR	NR	0
NPDES		0.500	0	0	0	NR	NR	0
AIRS		0.500	0	0	0	NR	NR	0
TIER 2		0.500	0	0	0	NR	NR	0
INDIAN RESERV		1.500	0	0	0	0	0	0
SCRD DRYCLEANERS		1.000	0	0	0	0	NR	0
COAL ASH EPA		1.000	0	0	0	0	NR	0
COAL ASH DOE		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		0.500	0	0	0	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants		1.500	0	0	0	0	0	0
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO SITES FOUND

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SEAFORD	1000905859	SCHMIDT BAKING CO	ROUTE 4 BOX 89, 2 MILES NORTH	19973	FINDS,RCRA-CESQG,UST
SEAFORD	1003866608	MOORE DUMP	US ROUTE 13 / ROUTE 20 NORTH	19973	CERCLIS-NFRAP,HWS,AST,INST
SEAFORD	1004456446	AG-CHEM INC.	RT. 4 CANNON HWY.	19973	SSTS
SEAFORD	1005423582	AG CHEM INC.	RT. 18 CANNON HWY.	19973	SSTS
SEAFORD	1005438490	UAP NORTHEAST INC	RT. 4 CANNON HWY.	19973	SSTS
SEAFORD	1005625034	SEAFORD MIDDLE SCHOOL	STEIN HIGHWAY	19973	LUST,UST
SEAFORD	1007293246	SEAFORD MIDDLE SCHOOL	STEIN HIGHWAY	19973	FTTS,HIST FTTS INSP
SEAFORD	1011556903	HASTINGS RON DBA PINE RIDGE MOBILE	1220 SOUTH DUAL HIGHWAY SEA	19973	ICIS
SEAFORD	1011572277	LAYTONS RIVIERA	MIDDLEFORD ROAD & ROUTE 13	19973	ICIS
SEAFORD	1012121878	SUPER SODA CENTER (SEAFORD)	505 BRIDGEVILLE HIGHWAY SEA	19973	ICIS
SEAFORD	1012122686	SUPER SODA CENTER	323 STEIN HIGHWAY SEAFORD	19973	ICIS
SEAFORD	A100264299	GETHSEMANE UNITED METHODIST CHURCH	ROUTE 20 STEIN HIGHWAY	19973	AST
SEAFORD	A100303640	BLADES TERMINAL (EAST)	EAST US ROUTE 13 A	19973	AST
MILLSBORO	S103926636	FORMER MALLINCKRODT VETERINARY, IN	US ROUTE 113	19973	LUST
SEAFORD	S105708412	SCHMIDT BAKING COMPANY,SEAFORD	ROUTE 4 BOX 89	19973	LUST
SEAFORD	S105708557	KENT SUSSEX TIRES	STEIN HIGHWAY	19973	LUST
SEAFORD	S105708575	LENA CHAFFINCH	305 STEIN HIGHWAY	19973	LUST
SEAFORD	S106123514	SEAFORD GLOBAL	522 STEIN HIGHWAY	19973	LUST
SEAFORD	S106177129	DUPONT SEAFORD PLANT	ROUTE 20	19973	HWS
SEAFORD	S106227372	SEAFORD POWER PLANT	US ROUTE 13A / NANTICOKE RIV	19973	VCP,HWS
SEAFORD	S107112623	MOUNTAIRE FARMS OF DELMARVA-SEAFOR	ROUTE 20 WEST	19973	AIRS
SEAFORD	S107112684	EDWARD J KAYE CONSTRUCTION	ROUTE 525	19973	AIRS
SEAFORD	S107712792	CONNECTIV NORTH SEAFORD SUBSTATION	ROUTE 534	19973	AIRS
SEAFORD	S108985673	TRI GAS & OIL ALLENS HATCHERY (SEA	ROUTE 20 WEST STEIN HWY	19973	TIER 2
SEAFORD	S109093675	PENINSULA DRY CLEANERS	815 NORMAN ESKNECH HWY	19973	TIER 2
SEAFORD	S109485043	JBS SOUDERTON, INC. - SEAFORD DIVIS	ROUTE 20 STEIN HWY	19973	TIER 2
SEAFORD	S109842160	FOXES CLEANERS - 1015 NORMAN ESKRID	1015 NORMAN ESKRIDGE HIGHWAY	19973	DRYCLEANERS
CANNON	S109897070	AMERICAN ORIGINAL - SEAFORD	ROUTE 18 WEST	19973	NPDES
CANNON	S109897146	AMERICAN ORIGINAL - SEAFORD	ROUTE 18 WEST	19973	AIRS
SEAFORD	S109897251	SMITHFIELD BEEF GROUP-SOUDERTON SE	ROUTE 20	19973	AIRS
LAUREL	U003357251	LAKEVIEW TRUCK SERVICE	US ROUTE 113 / ROUTE 24	19973	LUST
SEAFORD	U003367717	SHORE STOP #250	522 STEIN HIGHWAY	19973	UST
SEAFORD	U003964281	HARDSCRAPPLE STORE	ROUTE 20 & ROUTE 9	19973	UST
SEAFORD	U003964333	KAYE CONSTRUCTION	ROUTE 474	19973	LUST,UST
SEAFORD	U003964351	DAVID BAKER	ROUTE 4 BOX 780	19973	UST
SEAFORD	U003964410	MOYER PACKING CO	ROUTE 20 & STEIN HIGHWAY	19973	UST
SEAFORD	U003964458	FORMER AMOCO #21236	US ROUTE 13 & ROUTE 20	19973	UST
SEAFORD	U003964550	IMPERIAL SALES	ROUTE 20A	19973	LUST,UST
SEAFORD	U003964677	KENT SUSSEX TIRE	STEIN HIGHWAY	19973	UST
SEAFORD	U003964710	ESTATE OF LENA M CHAFFINC	305 STEIN HIGHWAY	19973	UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

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

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

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

NPL LIENS: Federal Superfund Liens

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

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

Federal CERCLIS list

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

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

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

FEDERAL FACILITY: Federal Facility Site Information listing

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

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

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

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

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 01/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: 800-438-2474
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/19/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 01/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: 800-438-2474
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/19/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 01/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: 800-438-2474
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/19/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 01/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: 800-438-2474
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/19/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 10/01/2009
Date Data Arrived at EDR: 10/09/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 10/01/2009
Date Data Arrived at EDR: 10/09/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 01/22/2010
Date Made Active in Reports: 02/11/2010
Number of Days to Update: 20

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 01/15/2010
Next Scheduled EDR Contact: 04/19/2010
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Hazardous Substance Release Sites

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: 03/23/2010
Date Data Arrived at EDR: 03/24/2010
Date Made Active in Reports: 03/30/2010
Number of Days to Update: 6

Source: Department of Natural Resources and Environmental Control
Telephone: 302-395-2600
Last EDR Contact: 03/24/2010
Next Scheduled EDR Contact: 06/07/2010
Data Release Frequency: Semi-Annually

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

SWF/LF: Solid Waste Facilities

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

Date of Government Version: 01/12/2010
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/05/2010
Number of Days to Update: 23

Source: Department of Natural Resources and Environmental Control
Telephone: 302-739-3820
Last EDR Contact: 01/13/2010
Next Scheduled EDR Contact: 04/26/2010
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Project Listing

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: 01/15/2010
Date Data Arrived at EDR: 01/27/2010
Date Made Active in Reports: 02/05/2010
Number of Days to Update: 9

Source: Department of Natural Resources and Environmental Control
Telephone: 302-395-2500
Last EDR Contact: 01/27/2010
Next Scheduled EDR Contact: 05/10/2010
Data Release Frequency: Quarterly

LAST: Leaking Aboveground Storage Tank Sites

Leaking aboveground storage tank site locations.

Date of Government Version: 01/25/2010
Date Data Arrived at EDR: 01/27/2010
Date Made Active in Reports: 02/05/2010
Number of Days to Update: 9

Source: Department of Natural Resources & Control
Telephone: 302-395-2500
Last EDR Contact: 01/27/2010
Next Scheduled EDR Contact: 05/10/2010
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: 12/01/2009
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 15

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
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: 03/24/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 28

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

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/12/2009
Date Data Arrived at EDR: 11/12/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
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: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

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

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
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: 11/24/2009
Date Data Arrived at EDR: 11/25/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

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

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Semi-Annually

State and tribal registered storage tank lists

UST: Underground Storage Tank Database

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

Date of Government Version: 01/25/2010
Date Data Arrived at EDR: 01/27/2010
Date Made Active in Reports: 02/12/2010
Number of Days to Update: 16

Source: Department of Natural Resources and Environmental Control
Telephone: 302-395-2500
Last EDR Contact: 01/27/2010
Next Scheduled EDR Contact: 05/10/2010
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Sites

Facilities with aboveground storage tanks.

Date of Government Version: 01/12/2010
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 01/28/2010
Number of Days to Update: 15

Source: Department of Natural Resources and Environmental Control
Telephone: 302-739-4764
Last EDR Contact: 01/13/2010
Next Scheduled EDR Contact: 04/26/2010
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: 11/05/2009
Date Data Arrived at EDR: 11/05/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 41

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

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)

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

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

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

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

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

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

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

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

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

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

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

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

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

INDIAN UST 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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

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

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

State and tribal institutional control / engineering control registries

Inst Control: All Sites with Deed Restrictions

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: 03/23/2010
Date Data Arrived at EDR: 03/24/2010
Date Made Active in Reports: 03/30/2010
Number of Days to Update: 6

Source: Department of Natural Resources & Environmental Control
Telephone: 302-395-2600
Last EDR Contact: 03/24/2010
Next Scheduled EDR Contact: 07/04/2010
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: 04/02/2008
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 1
Telephone: 617-918-1102
Last EDR Contact: 04/05/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

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

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

VCP: Voluntary Cleanup Program Sites

When a property is contaminated with hazardous substances there are liabilities associated with the cleanup of the site under Federal and State Superfund laws, regardless of who caused the contamination and when it was caused. Because of this liability, old industrial sites (with contamination) located close to well developed infrastructure do not attract developers or buyers. These individuals prefer to purchase pristine property without contamination known as "greenfield." Under the Voluntary Cleanup Program (VCP) developers and buyers performing the cleanup of contaminated properties would be provided the much needed protection from potential liabilities for past contamination. Thus, they can proceed with the purchase or development of the property with the assurance that they will not be held liable for environmental problems that were a result of past practices at the site.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 03/24/2010
Date Made Active in Reports: 03/30/2010
Number of Days to Update: 6

Source: Department of Natural Resources & Environmental Control
Telephone: 302-395-2600
Last EDR Contact: 03/24/2010
Next Scheduled EDR Contact: 07/05/2010
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal Brownfields sites

BROWNFIELDS: Certified Brownfields

Sites that have requested brownfields certification from the Secretary of DNREC.

Date of Government Version: 07/15/2009
Date Data Arrived at EDR: 09/25/2009
Date Made Active in Reports: 10/19/2009
Number of Days to Update: 24

Source: Dept. of Natural Resources & Environmental Control
Telephone: 302-739-4764
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 05/31/2010
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 10/01/2009
Date Data Arrived at EDR: 11/04/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/23/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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: 415-972-3336
Last EDR Contact: 03/22/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Varies

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

SWRCY: Recyclers Directory

A listing of recycling facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/31/2006
Date Data Arrived at EDR: 03/22/2007
Date Made Active in Reports: 03/29/2007
Number of Days to Update: 7

Source: Delaware Economic Development Office
Telephone: 302-739-4271
Last EDR Contact: 01/12/2010
Next Scheduled EDR Contact: 04/26/2010
Data Release Frequency: Varies

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

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

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

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

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

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

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

US HIST CDL: National Clandestine Laboratory Register

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

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

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

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 11/03/2009
Date Data Arrived at EDR: 11/05/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUCIS: Land Use Control Information System

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

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 03/17/2010
Next Scheduled EDR Contact: 06/07/2010
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 35

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/06/2010
Next Scheduled EDR Contact: 04/12/2010
Data Release Frequency: Annually

SPILLS: Environmental Release Notification System

The Department of Natural Resources and Environmental Control (DNREC) developed this system to allow Delawareans to learn promptly of releases or discharges of contaminants or pollutants that meet or exceed certain thresholds in their neighborhoods or throughout the state.

Date of Government Version: 02/05/2010
Date Data Arrived at EDR: 02/12/2010
Date Made Active in Reports: 03/23/2010
Number of Days to Update: 39

Source: Department of Natural Resources & Environmental Control
Telephone: 302-739-9902
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

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

Date of Government Version: 01/13/2010
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 02/19/2010
Next Scheduled EDR Contact: 04/19/2010
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

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

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

DOD: Department of Defense Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

FUDS: Formerly Used Defense Sites

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

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

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

CONSENT: Superfund (CERCLA) Consent Decrees

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

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

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

ROD: Records Of Decision

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

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

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

UMTRA: Uranium Mill Tailings Sites

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

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

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

MINES: Mines Master Index File

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

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

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

TRIS: Toxic Chemical Release Inventory System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

TSCA: Toxic Substances Control Act

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

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

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

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

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

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

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

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

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

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/10/2009
Date Data Arrived at EDR: 11/18/2009
Date Made Active in Reports: 01/19/2010
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 03/29/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 09/01/2009
Date Data Arrived at EDR: 10/21/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 41

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 02/16/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 12/24/2009
Date Data Arrived at EDR: 12/31/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 41

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

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

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

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: 10/19/2009	Source: EPA
Date Data Arrived at EDR: 10/22/2009	Telephone: (215) 814-5000
Date Made Active in Reports: 12/01/2009	Last EDR Contact: 03/15/2010
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/28/2010
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2007	Source: EPA/NTIS
Date Data Arrived at EDR: 02/19/2009	Telephone: 800-424-9346
Date Made Active in Reports: 05/22/2009	Last EDR Contact: 02/25/2010
Number of Days to Update: 92	Next Scheduled EDR Contact: 06/07/2010
	Data Release Frequency: Biennially

UIC: Underground Injection Wells Inventory Listing

A listing of underground injection well locations.

Date of Government Version: 02/02/2010	Source: DNREC
Date Data Arrived at EDR: 02/03/2010	Telephone: 302-739-9948
Date Made Active in Reports: 02/05/2010	Last EDR Contact: 02/01/2010
Number of Days to Update: 2	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

DRYCLEANERS: DRYCLEANERS

A listing of drycleaner facility locations.

Date of Government Version: 03/08/2010	Source: Department of Natural Resources & Environmental Control
Date Data Arrived at EDR: 03/10/2010	Telephone: 302-739-9400
Date Made Active in Reports: 03/23/2010	Last EDR Contact: 03/10/2010
Number of Days to Update: 13	Next Scheduled EDR Contact: 06/21/2010
	Data Release Frequency: Quarterly

ENFORCEMENT: Notice of Violations

Notice of violations are based on the observations of, and information submitted to, DNREC personnel. They only represent preliminary findings of the Department and are subject to further technical and legal review. These notices may or may not result in an enforcement action. Divisions included are Water Resources Air & Waste Management

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/27/2010
Date Data Arrived at EDR: 02/12/2010
Date Made Active in Reports: 03/23/2010
Number of Days to Update: 39

Source: Department of Natural Resources & Conservation
Telephone: 302-738-9401
Last EDR Contact: 02/08/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Quarterly

NPDES: Wasterwater Permit Listing
A listing of wastewater permits.

Date of Government Version: 01/12/2010
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/05/2010
Number of Days to Update: 23

Source: Department of Natural Resources & Environmental Control
Telephone: 302-739-9946
Last EDR Contact: 01/13/2010
Next Scheduled EDR Contact: 04/26/2010
Data Release Frequency: Quarterly

AIRS: Air Emissions Listing

A listing of facilities with air emissions.

Date of Government Version: 01/12/2010
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/05/2010
Number of Days to Update: 23

Source: Department of Natural Resources & Environmental Control
Telephone: 302-323-4542
Last EDR Contact: 01/13/2010
Next Scheduled EDR Contact: 04/26/2010
Data Release Frequency: Varies

TIER 2: Tier 2 Facility Listing

A listing of facilities which store or manufacture hazardous materials that submit a chemical inventory report.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/09/2010
Date Made Active in Reports: 03/23/2010
Number of Days to Update: 14

Source: Department of Natural Resources & Environmental Control
Telephone: 302-739-9405
Last EDR Contact: 02/08/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Varies

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: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/19/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 11/16/2009
Date Data Arrived at EDR: 11/16/2009
Date Made Active in Reports: 01/19/2010
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/08/2010
Next Scheduled EDR Contact: 05/10/2010
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

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

Date of Government Version: 12/31/2005
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: 01/27/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEDLAND: Federal and Indian Lands

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

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

PCB TRANSFORMER: PCB Transformer Registration Database

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

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

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

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

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 02/05/2010
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/20/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

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

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

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

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

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

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 11/03/2009
Date Data Arrived at EDR: 02/12/2010
Date Made Active in Reports: 02/22/2010
Number of Days to Update: 10

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

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

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

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

Electric Power Transmission Line Data

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: Child Care Facility List

Source: Department of Services for Children
Telephone: 302-633-2500

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

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

State Wetlands Data: Statewide Wetlands Mapping Project

Source: Dept. of Natural Resources & Environmental Conservation
Telephone: 302-739-4691

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

WOODLANDS SITE
27866 WOODLAND ROAD
SEAFORD, DE 19973

TARGET PROPERTY COORDINATES

Latitude (North):	38.61390 - 38° 36' 50.0"
Longitude (West):	75.6609 - 75° 39' 39.2"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	442460.0
UTM Y (Meters):	4273932.0
Elevation:	22 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	38075-E6 SHARPTOWN, DE
Most Recent Revision:	1992

North Map:	38075-F6 SEAFORD WEST, DE
Most Recent Revision:	1992

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

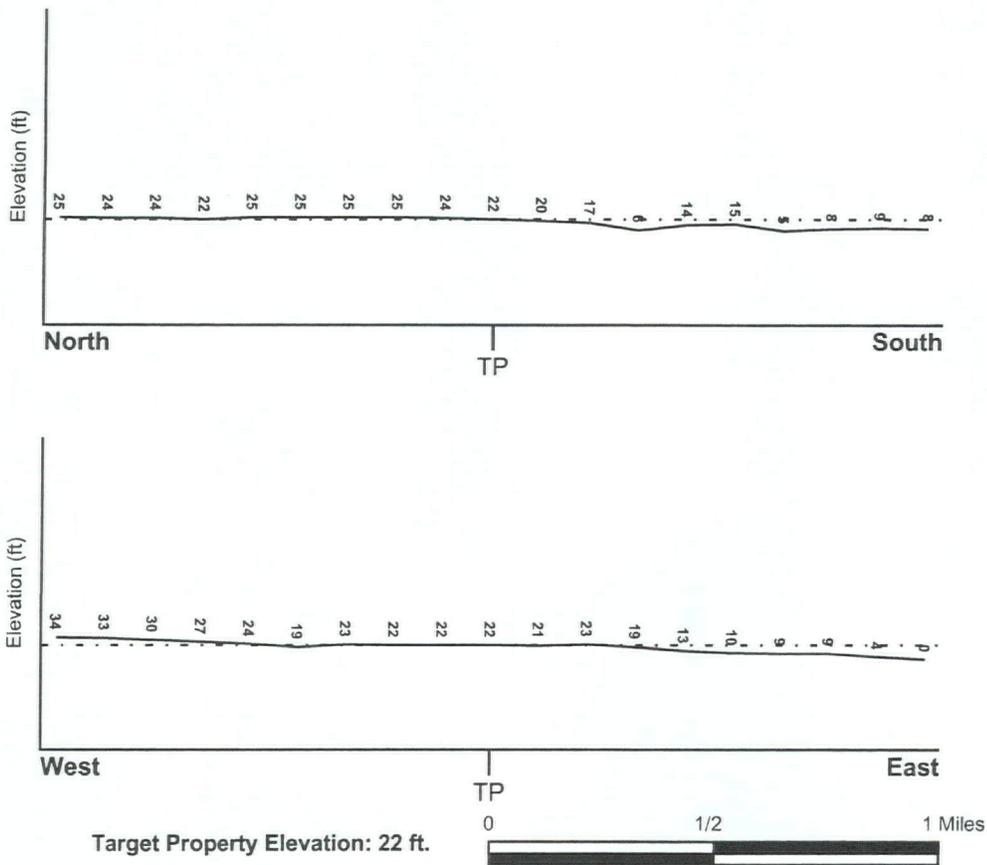
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Target Property County
SUSSEX, DE

FEMA Flood Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 10005C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
SHARPTOWN

NWI Electronic Data Coverage
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.

Site-Specific Hydrogeological Data:*

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
System: Quaternary
Series: Pleistocene
Code: Qp (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: GALESTOWN
Soil Surface Texture: loamy sand
Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.
Soil Drainage Class: Somewhat excessive. Soils have high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 5.50 Min: 3.60
2	11 inches	40 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 5.50 Min: 3.60
3	40 inches	65 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 6.00	Max: 5.50 Min: 3.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loam
mucky-peat
sand
sandy loam
silt loam
extremely gravelly - coarse sand

Surficial Soil Types: loam
mucky-peat
sand
sandy loam
silt loam
extremely gravelly - coarse sand

Shallow Soil Types: loamy sand

Deeper Soil Types: stratified
sandy clay
silt loam
sandy loam
extremely gravelly - sand

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

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

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

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

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

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	178858	1/8 - 1/4 Mile NE
2	168242	1/8 - 1/4 Mile East
3	188607	1/8 - 1/4 Mile North
4	37177	1/4 - 1/2 Mile SE
5	37029	1/4 - 1/2 Mile South
6	179821	1/4 - 1/2 Mile SE
7	51920	1/4 - 1/2 Mile East
8	035858	1/4 - 1/2 Mile SE
A9	188664	1/4 - 1/2 Mile ENE
A10	184628	1/4 - 1/2 Mile ENE
11	37720	1/4 - 1/2 Mile ENE
12	194329	1/4 - 1/2 Mile WNW
13	167374	1/2 - 1 Mile SSE
B14	174821	1/2 - 1 Mile NNW
B15	172314	1/2 - 1 Mile NNW
C16	192539	1/2 - 1 Mile ENE
B17	169485	1/2 - 1 Mile NNW
18	161921	1/2 - 1 Mile WNW
19	165880	1/2 - 1 Mile WNW
C20	198297	1/2 - 1 Mile ENE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C21	168758	1/2 - 1 Mile ENE
22	163844	1/2 - 1 Mile North
D23	182039	1/2 - 1 Mile SSE
D24	190055	1/2 - 1 Mile SSE
25	185290	1/2 - 1 Mile NNW
C26	171322	1/2 - 1 Mile ENE
27	164420	1/2 - 1 Mile NE
C28	170580	1/2 - 1 Mile ENE
C29	169406	1/2 - 1 Mile ENE
D30	035768	1/2 - 1 Mile SSE
31	192360	1/2 - 1 Mile SE
32	167448	1/2 - 1 Mile South
E33	172831	1/2 - 1 Mile ENE
E34	171843	1/2 - 1 Mile ENE
E35	176500	1/2 - 1 Mile ENE
36	157901	1/2 - 1 Mile SE
E37	162973	1/2 - 1 Mile ENE
F38	167384	1/2 - 1 Mile ENE
F39	186195	1/2 - 1 Mile ENE
E40	167586	1/2 - 1 Mile ENE
41	51552	1/2 - 1 Mile NE
G42	194353	1/2 - 1 Mile ESE
F43	164605	1/2 - 1 Mile ENE
44	39086	1/2 - 1 Mile SW
G45	194352	1/2 - 1 Mile ESE
H46	188710	1/2 - 1 Mile ENE
I47	36321	1/2 - 1 Mile SSE
H48	164608	1/2 - 1 Mile ENE
H49	173828	1/2 - 1 Mile ENE
H50	168217	1/2 - 1 Mile ENE
J51	175265	1/2 - 1 Mile ENE
H52	198468	1/2 - 1 Mile ENE
I53	165654	1/2 - 1 Mile SSE
H54	188547	1/2 - 1 Mile ENE
J55	165838	1/2 - 1 Mile ENE
J56	168216	1/2 - 1 Mile ENE
J57	167583	1/2 - 1 Mile ENE
J58	184444	1/2 - 1 Mile ENE
J59	177033	1/2 - 1 Mile ENE
K60	173827	1/2 - 1 Mile ENE
K61	180463	1/2 - 1 Mile ENE
62	157304	1/2 - 1 Mile NW
63	156114	1/2 - 1 Mile South
64	157306	1/2 - 1 Mile WSW
65	153488	1/2 - 1 Mile NNW
66	44193	1/2 - 1 Mile NE

PHYSICAL SETTING SOURCE MAP - 2737205.2s



- 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
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data

SITE NAME: Woodlands Site
 ADDRESS: 27866 Woodland Road
 Seaford DE 19973
 LAT/LONG: 38.6139 / 75.6609

CLIENT: Duffield Associates, Inc.
 CONTACT: Jen Gresh
 INQUIRY #: 2737205.2s
 DATE: April 05, 2010 4:53 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
NE
1/8 - 1/4 Mile
Higher

DE WELLS 178858

X:	178878	Y:	68339.1
PERMIT NUM:	178858	LOCAL ID:	CR 541
DGSID:	Not Reported	TAX MAP NU:	5-31-15-30.31
OWNER ID:	240HICKVI	MODIFIED G:	082-088
TOTAL DEPT:	60	WELL USE:	D
Purpose:	P		
DAILY USE:	.4		
DESIRED CA:	10		
DATE CONST:	Not Reported	DATE COMPL:	07/05/2001
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	60		
CASING BO2:	0		
CASING DI1:	2		
CASING DI2:	0		
Casing Material:	P		
GRAVEL PA1:	40		
Drilling Method:	M	LONGITUDE C:	Not Reported
LICENSE NO:	4058	LATITUDE C:	Not Reported
Lat/Lon Method:	N	Grout Type:	B
LATITUDE:	Not Reported		
GROUT TOP:	2	REPLACE WE:	Not Reported
SCREEN BOT:	60	Pump Type:	ST
RETAIN WEL:	Not Reported		
QUAD:	SHA	WELL FINISH:	Not Reported
PUMP TIME:	1		
SCREEN MAT:	P		
SWL ABOVE:	B		
STATIC WAT:	10		
Well Head Type:	ST		
Head (inches):	12		
Head (Above/Below):	A	SEPTIC PER:	178239-S
SCREEN TOP:	50		
SCREEN DIA:	2		
PUMP RATE:	20		
PUMP RATED:	10		
PUMP INTAK:	3		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	60		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	07/05/2001
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

2
East
1/8 - 1/4 Mile
Lower

DE WELLS 168242

X:	178962	Y:	68137.4
PERMIT NUM:	168242	LOCAL ID:	CR 541
DGSID:	Not Reported	TAX MAP NU:	5-31-15-21.1
OWNER ID:	973WOODGP	MODIFIED G:	080-084
TOTAL DEPT:	80	WELL USE:	C
Purpose:	P		
DAILY USE:	.5	DATE COMPL:	10/14/1999
DESIRED CA:	25	AQUIFER:	U
DATE CONST:	Not Reported	Abandon Method:	NO
DATE ABAND:	Not Reported		
FORMATION:	U		
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	70	LONGITUDE C:	75 32 45.76063
CASING BO2:	0	LATITUDE C:	Not Reported
CASING DI1:	4	Grout Type:	B
CASING DI2:	0		
Casing Material:	P	REPLACE WE:	Not Reported
GRAVEL PA1:	40	Pump Type:	GO
Drilling Method:	M	WELL FINISH:	Not Reported
LICENSE NO:	14		
Lat/Lon Method:	N	SEPTIC PER:	167964
LATITUDE:	38 45 21.57702		
GROUT TOP:	40		
SCREEN BOT:	80	ORG OWNER:	Not Reported
RETAIN WEL:	Not Reported		
QUAD:	SHA		
PUMP TIME:	2		
SCREEN MAT:	P		
SWL ABOVE:	B		
STATIC WAT:	5		
Well Head Type:	PA		
Head (inches):	24		
Head (Above/Below):	A		
SCREEN TOP:	70		
SCREEN DIA:	4		
PUMP RATE:	40		
PUMP RATED:	25		
PUMP INTAK:	50		
PUMPING WA:	25		
PRE OWNER:	Not Reported		
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	80	DRBC BASIN:	NO
GRAVEL PA3:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	10/14/1999
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

3
North
1/8 - 1/4 Mile
Higher

DE WELLS 188607

X:	178714	Y:	68539.6
PERMIT NUM:	188607	LOCAL ID:	Not Reported
DGSID:	Not Reported	TAX MAP NU:	5-31-15-30.11
OWNER ID:	973FORDD	MODIFIED G:	082-088
TOTAL DEPT:	65	WELL USE:	D
Purpose:	P	DATE COMPL:	08/22/2003
DAILY USE:	.6	AQUIFER:	U
DESIRED CA:	10	Abandon Method:	NO
DATE CONST:	Not Reported		
DATE ABAND:	Not Reported		
FORMATION:	U		
Replaced Reason:	NW		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	60	LONGITUDE C:	Not Reported
CASING BO2:	0	LATITUDE C:	Not Reported
CASING DI1:	4	Grout Type:	B
CASING DI2:	0		
Casing Material:	P	REPLACE WE:	Y
GRAVEL PA1:	50	Pump Type:	NO
Drilling Method:	M	WELL FINISH:	Not Reported
LICENSE NO:	608		
Lat/Lon Method:	N	SEPTIC PER:	Existing
LATITUDE:	Not Reported		
GROUT TOP:	50		
SCREEN BOT:	65	ORG OWNER:	Not Reported
RETAIN WEL:	Not Reported		
QUAD:	SHA		
PUMP TIME:	1		
SCREEN MAT:	P		
SWL ABOVE:	B		
STATIC WAT:	18		
Well Head Type:	PA		
Head (inches):	18		
Head (Above/Below):	A		
SCREEN TOP:	60		
SCREEN DIA:	4		
PUMP RATE:	25		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	28		
PRE OWNER:	Not Reported		
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	70	DRBC BASIN:	NO
GRAVEL PA3:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	08/22/2003
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

4
SE
1/4 - 1/2 Mile
Lower

DE WELLS 37177

X:	179102	Y:	67899
PERMIT NUM:	37177	LOCAL ID:	Not Reported
DGSID:	Not Reported	TAX MAP NU:	37177
OWNER ID:	973MOOR	MODIFIED G:	080-084
TOTAL DEPT:	50		
Purpose:	P	WELL USE:	D
DAILY USE:	1		
DESIRED CA:	5		
DATE CONST:	Not Reported	DATE COMPL:	Not Reported
DATE ABAND:	Not Reported	AQUIFER:	Not Reported
FORMATION:	Not Reported	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0		
Drilling Method:	U	LONGITUDE C:	Not Reported
LICENSE NO:	Not Reported		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	Not Reported
GROUT TOP:	0		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	0		
SCREEN MAT:	Not Reported	WELL FINISH:	Not Reported
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NO		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	Not Reported
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

5
South
1/4 - 1/2 Mile
Lower

DE WELLS 37029

X:	178665	Y:	67675.2
PERMIT NUM:	37029	LOCAL ID:	Not Reported
DGSID:	Not Reported	TAX MAP NU:	37029
OWNER ID:	973HATCA	MODIFIED G:	080-084
TOTAL DEPT:	90		
Purpose:	P	WELL USE:	A
DAILY USE:	1.5		
DESIRED CA:	15		
DATE CONST:	Not Reported	DATE COMPL:	Not Reported
DATE ABAND:	Not Reported	AQUIFER:	Not Reported
FORMATION:	Not Reported	Abandon Method:	NO
Replaced Reason:	NW		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0		
Drilling Method:	U	LONGITUDE C:	Not Reported
LICENSE NO:	Not Reported		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	Not Reported
GROUT TOP:	0		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported	REPLACE WE:	Y
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	0		
SCREEN MAT:	Not Reported	WELL FINISH:	Not Reported
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NO		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	Not Reported
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

6
SE
1/4 - 1/2 Mile
Lower

DE WELLS 179821

X:	179029	Y:	67761.9
PERMIT NUM:	179821	LOCAL ID:	Bath Room
DGSID:	Not Reported	TAX MAP NU:	5-31-15-21.1
OWNER ID:	973WOODGP	MODIFIED G:	080-084
TOTAL DEPT:	80		
Purpose:	P	WELL USE:	C
DAILY USE:	.4		
DESIRED CA:	10		
DATE CONST:	Not Reported	DATE COMPL:	08/01/2001
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	BW		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	60		
CASING BO2:	0		
CASING DI1:	4		
CASING DI2:	0		
Casing Material:	P		
GRAVEL PA1:	45		
Drilling Method:	M	LONGITUDE C:	Not Reported
LICENSE NO:	14		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	B
GROUT TOP:	45		
SCREEN BOT:	80		
RETAIN WEL:	Not Reported	REPLACE WE:	Y
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	1		
SCREEN MAT:	P	WELL FINISH:	Not Reported
SWL ABOVE:	B		
STATIC WAT:	13		
Well Head Type:	OT		
Head (inches):	24		
Head (Above/Below):	A	SEPTIC PER:	existing
SCREEN TOP:	60		
SCREEN DIA:	4		
PUMP RATE:	30		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	30		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	80		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	08/01/2001
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

7
East
1/4 - 1/2 Mile
Lower

DE WELLS 51920

X:	179319	Y:	68198.9
PERMIT NUM:	51920	LOCAL ID:	Cr 536
DGSID:	Not Reported	TAX MAP NU:	5-31-15-37
OWNER ID:	934LONGDA	MODIFIED G:	082-088
TOTAL DEPT:	72		
Purpose:	P	WELL USE:	D
DAILY USE:	.4		
DESIRED CA:	12		
DATE CONST:	Not Reported	DATE COMPL:	10/01/1982
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	62		
CASING BO2:	0		
CASING DI1:	2		
CASING DI2:	0		
Casing Material:	P		
GRAVEL PA1:	0		
Drilling Method:	M	LONGITUDE C:	Not Reported
LICENSE NO:	257	LATITUDE C:	Not Reported
Lat/Lon Method:	G	Grout Type:	C
LATITUDE:	Not Reported		
GROUT TOP:	20		
SCREEN BOT:	72		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	0		
SCREEN MAT:	P	WELL FINISH:	Not Reported
SWL ABOVE:	B		
STATIC WAT:	15		
Well Head Type:	NO		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	Not Reported
SCREEN TOP:	62		
SCREEN DIA:	2		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	3		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	10/01/1982
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

8
SE
1/4 - 1/2 Mile
Lower

DE WELLS 035858

X:	179245	Y:	67771.4
PERMIT NUM:	035858	LOCAL ID:	Not Reported
DGSID:	9035858	TAX MAP NU:	035858
OWNER ID:	973CONARH	MODIFIED G:	082-084
TOTAL DEPT:	61	WELL USE:	D
Purpose:	P		
DAILY USE:	.4		
DESIRED CA:	10		
DATE CONST:	04/24/1976	DATE COMPL:	04/24/1976
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	NS		
ALTITUDE:	0		
ALT Method:	M		
CASING BO1:	61		
CASING BO2:	0		
CASING DI1:	2		
CASING DI2:	0		
Casing Material:	P		
GRAVEL PA1:	56		
Drilling Method:	R	LONGITUDE C:	Not Reported
LICENSE NO:	4058		
Lat/Lon Method:	X	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	U
GROUT TOP:	0		
SCREEN BOT:	61		
RETAIN WEL:	Not Reported	REPLACE WE:	Y
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	2		
SCREEN MAT:	P	WELL FINISH:	U
SWL ABOVE:	B		
STATIC WAT:	8		
Well Head Type:	NO		
Head (inches):	8		
Head (Above/Below):	A	SEPTIC PER:	Not Reported
SCREEN TOP:	56		
SCREEN DIA:	2		
PUMP RATE:	60		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	15		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	61		
GRAVEL PA3:	Y	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	04/24/1976
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

A9
ENE
1/4 - 1/2 Mile
Higher

DE WELLS 188664

X:	179327	Y:	68477.3
PERMIT NUM:	188664	LOCAL ID:	CR 536
DGSID:	Not Reported	TAX MAP NU:	5-31-15-42
OWNER ID:	973BUNTS	MODIFIED G:	082-088
TOTAL DEPT:	79	WELL USE:	D
Purpose:	P		
DAILY USE:	.5		
DESIRED CA:	15		
DATE CONST:	Not Reported	DATE COMPL:	09/17/2002
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	IW		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	69		
CASING DI1:	0		
CASING DI2:	4		
Casing Material:	N		
GRAVEL PA1:	55		
Drilling Method:	M	LONGITUDE C:	Not Reported
LICENSE NO:	789		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	B
GROUT TOP:	50		
SCREEN BOT:	79		
RETAIN WEL:	Not Reported	REPLACE WE:	Y
QUAD:	SHA	Pump Type:	ST
PUMP TIME:	2		
SCREEN MAT:	P	WELL FINISH:	Not Reported
SWL ABOVE:	A		
STATIC WAT:	18		
Well Head Type:	PA		
Head (inches):	12		
Head (Above/Below):	A	SEPTIC PER:	Existing
SCREEN TOP:	69		
SCREEN DIA:	4		
PUMP RATE:	60		
PUMP RATED:	10		
PUMP INTAK:	40		
PUMPING WA:	24		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	55		
NON GROUT2:	50		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	79		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	09/17/2002
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

A10
ENE
1/4 - 1/2 Mile
Higher

DE WELLS 184628

X:	179339	Y:	68453.7
PERMIT NUM:	184628	LOCAL ID:	Emergency
DGSID:	Not Reported	TAX MAP NU:	5-31-15-43
OWNER ID:	973JONEJC	MODIFIED G:	082-088
TOTAL DEPT:	80	WELL USE:	D
Purpose:	P	DATE COMPL:	03/13/2002
DAILY USE:	.8	AQUIFER:	U
DESIRED CA:	10	Abandon Method:	NO
DATE CONST:	Not Reported		
DATE ABAND:	Not Reported		
FORMATION:	U		
Replaced Reason:	NW		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	70	LONGITUDE C:	Not Reported
CASING BO2:	0	LATITUDE C:	Not Reported
CASING DI1:	4	Grout Type:	B
CASING DI2:	0	REPLACE WE:	Y
Casing Material:	P	Pump Type:	NO
GRAVEL PA1:	62	WELL FINISH:	Not Reported
Drilling Method:	M	SEPTIC PER:	Existing
LICENSE NO:	608		
Lat/Lon Method:	N		
LATITUDE:	Not Reported		
GROUT TOP:	0		
SCREEN BOT:	80	ORG OWNER:	Not Reported
RETAIN WEL:	Not Reported		
QUAD:	SHA		
PUMP TIME:	0		
SCREEN MAT:	P		
SWL ABOVE:	A		
STATIC WAT:	18		
Well Head Type:	PA		
Head (inches):	12		
Head (Above/Below):	A		
SCREEN TOP:	70		
SCREEN DIA:	4		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported		
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	80		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	03/12/2002
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

11
ENE
1/4 - 1/2 Mile
Lower

DE WELLS 37720

X:	179432.02	Y:	68365.63
PERMIT NUM:	37720	LOCAL ID:	Rd 536
DGSID:	Not Reported	TAX MAP NU:	37720
OWNER ID:	000STEPBR	MODIFIED G:	082-084
TOTAL DEPT:	60		
Purpose:	P	WELL USE:	D
DAILY USE:	.3		
DESIRED CA:	15		
DATE CONST:	Not Reported	DATE COMPL:	02/26/1977
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	2		
CASING DI2:	0		
Casing Material:	P		
GRAVEL PA1:	53		
Drilling Method:	M	LONGITUDE C:	Not Reported
LICENSE NO:	4058		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	C
GROUT TOP:	15		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	1		
SCREEN MAT:	P	WELL FINISH:	Not Reported
SWL ABOVE:	B		
STATIC WAT:	7		
Well Head Type:	NO		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	Not Reported
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	70		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	15		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	3		
GRAVEL PA2:	60		
GRAVEL PA3:	Y	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	02/26/1977
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

12
WNW
1/4 - 1/2 Mile
Higher

DE WELLS 194329

X:	178000	Y:	68322.3
PERMIT NUM:	194329	LOCAL ID:	Lot 1
DGSID:	Not Reported	TAX MAP NU:	5-31-15-4.08
OWNER ID:	973HASTSA	MODIFIED G:	080-084
TOTAL DEPT:	50	WELL USE:	D
Purpose:	P		
DAILY USE:	.4		
DESIRED CA:	12		
DATE CONST:	Not Reported	DATE COMPL:	11/17/2003
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	40		
CASING BO2:	0		
CASING DI1:	4		
CASING DI2:	0		
Casing Material:	P		
GRAVEL PA1:	40		
Drilling Method:	M	LONGITUDE C:	Not Reported
LICENSE NO:	257	LATITUDE C:	Not Reported
Lat/Lon Method:	N	Grout Type:	B
LATITUDE:	Not Reported		
GROUT TOP:	20		
SCREEN BOT:	50		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	1		
SCREEN MAT:	P	WELL FINISH:	Not Reported
SWL ABOVE:	B		
STATIC WAT:	7		
Well Head Type:	NO		
Head (inches):	10		
Head (Above/Below):	A	SEPTIC PER:	193503
SCREEN TOP:	40		
SCREEN DIA:	4		
PUMP RATE:	10		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	7		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	40		
NON GROUT2:	20		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	50		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	11/17/2003
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

13
SSE
1/2 - 1 Mile
Lower

DE WELLS 167374

X:	179057	Y:	67428.5
PERMIT NUM:	167374	LOCAL ID:	Cr 536
DGSID:	Not Reported	TAX MAP NU:	5-31-15-80.03
OWNER ID:	973WORKR	MODIFIED G:	082-084
TOTAL DEPT:	60	WELL USE:	D
Purpose:	P		
DAILY USE:	.4		
DESIRED CA:	12		
DATE CONST:	Not Reported	DATE COMPL:	Not Reported
DATE ABAND:	Not Reported	AQUIFER:	Not Reported
FORMATION:	Not Reported	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0	LONGITUDE C:	Not Reported
Drilling Method:	U		
LICENSE NO:	257	LATITUDE C:	Not Reported
Lat/Lon Method:	N	Grout Type:	Not Reported
LATITUDE:	Not Reported		
GROUT TOP:	0		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	0		
SCREEN MAT:	Not Reported	WELL FINISH:	Not Reported
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NO		
Head (inches):	8		
Head (Above/Below):	A	SEPTIC PER:	165271
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

**B14
NNW
1/2 - 1 Mile
Higher**

DE WELLS 174821

X:	178328	Y:	69001
PERMIT NUM:	174821	LOCAL ID:	CR 538
DGSID:	Not Reported	TAX MAP NU:	5-31-15-6
OWNER ID:	973TULLAD	MODIFIED G:	080-084
TOTAL DEPT:	60	WELL USE:	D
Purpose:	P		
DAILY USE:	.4	DATE COMPL:	Not Reported
DESIRED CA:	12	AQUIFER:	Not Reported
DATE CONST:	Not Reported	Abandon Method:	NO
DATE ABAND:	Not Reported		
FORMATION:	Not Reported		
Replaced Reason:	CS		
ALTITUDE:	0		
ALT Method:	N	LONGITUDE C:	Not Reported
CASING BO1:	0	LATITUDE C:	Not Reported
CASING BO2:	0	Grout Type:	Not Reported
CASING DI1:	0		
CASING DI2:	0	REPLACE WE:	Y
Casing Material:	Not Reported	Pump Type:	NO
GRAVEL PA1:	0	WELL FINISH:	Not Reported
Drilling Method:	U		
LICENSE NO:	257	SEPTIC PER:	174442-S
Lat/Lon Method:	N		
LATITUDE:	Not Reported	ORG OWNER:	Not Reported
GROUT TOP:	0		
SCREEN BOT:	0	DRBC BASIN:	NO
RETAIN WEL:	Not Reported		
QUAD:	SHA		
PUMP TIME:	0		
SCREEN MAT:	Not Reported		
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NO		
Head (inches):	8		
Head (Above/Below):	A		
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported		
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

**B15
NNW
1/2 - 1 Mile
Higher**

DE WELLS 172314

X:	178239	Y:	68959.8
PERMIT NUM:	172314	LOCAL ID:	15
DGSID:	Not Reported	TAX MAP NU:	5-31-15-5
OWNER ID:	947DELDOT	MODIFIED G:	078-088
TOTAL DEPT:	18.5		
Purpose:	P	WELL USE:	Z
DAILY USE:	0		
DESIRED CA:	0		
DATE CONST:	Not Reported	DATE COMPL:	08/22/2000
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	13.5		
CASING BO2:	0		
CASING DI1:	2		
CASING DI2:	0		
Casing Material:	P		
GRAVEL PA1:	12		
Drilling Method:	E	LONGITUDE C:	Not Reported
LICENSE NO:	999	LATITUDE C:	Not Reported
Lat/Lon Method:	N	GROUT Type:	C
LATITUDE:	Not Reported		
GROUT TOP:	10		
SCREEN BOT:	18.5	REPLACE WE:	Not Reported
RETAIN WEL:	Not Reported	Pump Type:	NO
QUAD:	SHA		
PUMP TIME:	0	WELL FINISH:	Not Reported
SCREEN MAT:	P		
SWL ABOVE:	B		
STATIC WAT:	6		
Well Head Type:	OT		
Head (inches):	Not Reported	SEPTIC PER:	N/A
Head (Above/Below):	A		
SCREEN TOP:	13.5		
SCREEN DIA:	2		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	12		
NON GROUT2:	10		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	18.5		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	08/22/2000
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

C16
ENE
1/2 - 1 Mile
Lower

DE WELLS 192539

X:	179663	Y:	68569.1
PERMIT NUM:	192539	LOCAL ID:	Lot 17
DGSID:	Not Reported	TAX MAP NU:	5-31-15-127
OWNER ID:	947DELMFM	MODIFIED G:	082-084
TOTAL DEPT:	75		
Purpose:	P	WELL USE:	D
DAILY USE:	.8		
DESIRED CA:	20		
DATE CONST:	Not Reported	DATE COMPL:	04/25/2003
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	65		
CASING DI1:	0		
CASING DI2:	4		
Casing Material:	N		
GRAVEL PA1:	0		
Drilling Method:	M	LONGITUDE C:	Not Reported
LICENSE NO:	13		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	GROUT Type:	B
GROUT TOP:	59		
SCREEN BOT:	75		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	1		
SCREEN MAT:	P	WELL FINISH:	Not Reported
SWL ABOVE:	B		
STATIC WAT:	6		
Well Head Type:	PA		
Head (inches):	12		
Head (Above/Below):	A	SEPTIC PER:	191937
SCREEN TOP:	65		
SCREEN DIA:	4		
PUMP RATE:	35		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	15		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	75		
NON GROUT2:	60		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	04/25/2003
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

**B17
NNW
1/2 - 1 Mile
Higher**

DE WELLS 169485

X:	178286	Y:	69090.6
PERMIT NUM:	169485	LOCAL ID:	CR 541
DGSID:	Not Reported	TAX MAP NU:	5-31-15-27
OWNER ID:	973FRASG	MODIFIED G:	082-088
TOTAL DEPT:	65		
Purpose:	P	WELL USE:	D
DAILY USE:	.3		
DESIRED CA:	18		
DATE CONST:	Not Reported	DATE COMPL:	12/20/1999
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	CS		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	65		
CASING BO2:	0		
CASING DI1:	2		
CASING DI2:	0		
Casing Material:	P		
GRAVEL PA1:	55		
Drilling Method:	M	LONGITUDE C:	Not Reported
LICENSE NO:	1004		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	B
GROUT TOP:	25		
SCREEN BOT:	65		
RETAIN WEL:	Not Reported	REPLACE WE:	Y
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	1		
SCREEN MAT:	P	WELL FINISH:	Not Reported
SWL ABOVE:	A		
STATIC WAT:	7		
Well Head Type:	PA		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	169168
SCREEN TOP:	55		
SCREEN DIA:	2		
PUMP RATE:	25		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	14		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	55		
NON GROUT2:	25		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	65		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin: 304
 CASING MAT: Not Reported
 CASING TO1: 0
 CASING TO2: 0

DATE SWL M: 12/20/1999

18
WNW
1/2 - 1 Mile
Higher

DE WELLS 161921

X: 177736.40	Y: 68407.82
PERMIT NUM: 161921	LOCAL ID: CR 538
DGSID: Not Reported	TAX MAP NU: 5-31-15-2.03
OWNER ID: 702MCMADC	MODIFIED G: 078-088
TOTAL DEPT: 45	
Purpose: P	WELL USE: D
DAILY USE: .4	
DESIRED CA: 12	
DATE CONST: Not Reported	DATE COMPL: 12/08/1998
DATE ABAND: Not Reported	AQUIFER: U
FORMATION: U	Abandon Method: NO
Replaced Reason: NO	
ALTITUDE: 0	
ALT Method: N	
CASING BO1: 0	
CASING BO2: 35	
CASING DI1: 0	
CASING DI2: 2	
Casing Material: N	
GRAVEL PA1: 0	
Drilling Method: M	LONGITUDE C: Not Reported
LICENSE NO: 257	LATITUDE C: Not Reported
Lat/Lon Method: N	Grout Type: B
LATITUDE: Not Reported	
GROUT TOP: 20	
SCREEN BOT: 45	
RETAIN WEL: Not Reported	REPLACE WE: Not Reported
QUAD: SHA	Pump Type: NO
PUMP TIME: 0	
SCREEN MAT: P	WELL FINISH: Not Reported
SWL ABOVE: B	
STATIC WAT: 10	
Well Head Type: OT	
Head (inches): 20	
Head (Above/Below): A	SEPTIC PER: 160313
SCREEN TOP: 35	
SCREEN DIA: 2	
PUMP RATE: 0	
PUMP RATED: Not Reported	
PUMP INTAK: Not Reported	
PUMPING WA: 0	
PRE OWNER: Not Reported	ORG OWNER: Not Reported
NON GROUT: 45	
NON GROUT2: 20	
LONGITUDE: Not Reported	
GROUT FROM: 0	
GRAVEL PA2: 0	
GRAVEL PA3: Not Reported	DRBC BASIN: NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	12/08/1998
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

19
WNW
1/2 - 1 Mile
Higher

DE WELLS 165880

X:	177802.12	Y:	68642.32
PERMIT NUM:	165880	LOCAL ID:	CR 538
DGSID:	Not Reported	TAX MAP NU:	5-31-15-5.01
OWNER ID:	973CAMPR	MODIFIED G:	078-088
TOTAL DEPT:	70	WELL USE:	A
Purpose:	P	DATE COMPL:	Not Reported
DAILY USE:	.3	AQUIFER:	Not Reported
DESIRED CA:	18	Abandon Method:	NO
DATE CONST:	Not Reported		
DATE ABAND:	Not Reported		
FORMATION:	Not Reported		
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0	LONGITUDE C:	Not Reported
Drilling Method:	U	LATITUDE C:	Not Reported
LICENSE NO:	1004	Grout Type:	Not Reported
Lat/Lon Method:	N		
LATITUDE:	Not Reported		
GROUT TOP:	0		
SCREEN BOT:	0	REPLACE WE:	Not Reported
RETAIN WEL:	Not Reported	Pump Type:	NO
QUAD:	SHA	WELL FINISH:	Not Reported
PUMP TIME:	0		
SCREEN MAT:	Not Reported		
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NO		
Head (inches):	Not Reported	SEPTIC PER:	existing
Head (Above/Below):	A		
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

C20
ENE
1/2 - 1 Mile
Lower

DE WELLS 198297

X:	179664	Y:	68626.6
PERMIT NUM:	198297	LOCAL ID:	Lot 18
DGSID:	Not Reported	TAX MAP NU:	5-31-15-128
OWNER ID:	934S&LCON	MODIFIED G:	082-084
TOTAL DEPT:	65	WELL USE:	D
Purpose:	P	DATE COMPL:	12/18/2003
DAILY USE:	.4	AQUIFER:	U
DESIRED CA:	12	Abandon Method:	NO
DATE CONST:	Not Reported		
DATE ABAND:	Not Reported		
FORMATION:	U		
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	55	LONGITUDE C:	Not Reported
CASING BO2:	0	LATITUDE C:	Not Reported
CASING DI1:	4	Grout Type:	B
CASING DI2:	0		
Casing Material:	P	REPLACE WE:	Not Reported
GRAVEL PA1:	55	Pump Type:	NO
Drilling Method:	M	WELL FINISH:	Not Reported
LICENSE NO:	257		
Lat/Lon Method:	N	SEPTIC PER:	193434
LATITUDE:	Not Reported		
GROUT TOP:	20		
SCREEN BOT:	65		
RETAIN WEL:	Not Reported	ORG OWNER:	Not Reported
QUAD:	SHA		
PUMP TIME:	1		
SCREEN MAT:	P		
SWL ABOVE:	B		
STATIC WAT:	9		
Well Head Type:	NO		
Head (inches):	10		
Head (Above/Below):	A		
SCREEN TOP:	55		
SCREEN DIA:	4		
PUMP RATE:	10		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	9		
PRE OWNER:	Not Reported		
NON GROUT:	55		
NON GROUT2:	20		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	65	DRBC BASIN:	NO
GRAVEL PA3:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	12/18/2003
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

C21
ENE
1/2 - 1 Mile
Lower

DE WELLS 168758

X:	179709	Y:	68523.6
PERMIT NUM:	168758	LOCAL ID:	Lot 14
DGSID:	Not Reported	TAX MAP NU:	5-31-15-124
OWNER ID:	973PENRD	MODIFIED G:	082-084
TOTAL DEPT:	73	WELL USE:	D
Purpose:	P		
DAILY USE:	.3		
DESIRED CA:	20		
DATE CONST:	Not Reported	DATE COMPL:	12/01/1999
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	73		
CASING BO2:	0		
CASING DI1:	4		
CASING DI2:	0		
Casing Material:	P		
GRAVEL PA1:	63		
Drilling Method:	M	LONGITUDE C:	Not Reported
LICENSE NO:	1004	LATITUDE C:	Not Reported
Lat/Lon Method:	N	Grout Type:	B
LATITUDE:	Not Reported		
GROUT TOP:	35		
SCREEN BOT:	73	REPLACE WE:	Not Reported
RETAIN WEL:	Not Reported	Pump Type:	NO
QUAD:	SHA	WELL FINISH:	Not Reported
PUMP TIME:	1		
SCREEN MAT:	P		
SWL ABOVE:	B		
STATIC WAT:	11		
Well Head Type:	PA		
Head (inches):	12		
Head (Above/Below):	A	SEPTIC PER:	166290
SCREEN TOP:	63		
SCREEN DIA:	4		
PUMP RATE:	25		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	16		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	63		
NON GROUT2:	35		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	73		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	12/01/1999
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

22
North
1/2 - 1 Mile
Higher

DE WELLS 163844

X:	178545.26	Y:	69198.54
PERMIT NUM:	163844	LOCAL ID:	Lot F
DGSID:	Not Reported	TAX MAP NU:	5-31-15-30.26
OWNER ID:	973WESTBB	MODIFIED G:	082-088
TOTAL DEPT:	67		
Purpose:	P	WELL USE:	D
DAILY USE:	.3		
DESIRED CA:	10		
DATE CONST:	Not Reported	DATE COMPL:	03/12/1999
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	55		
CASING BO2:	0		
CASING DI1:	4		
CASING DI2:	0		
Casing Material:	P		
GRAVEL PA1:	50		
Drilling Method:	M	LONGITUDE C:	Not Reported
LICENSE NO:	1051		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	B
GROUT TOP:	50		
SCREEN BOT:	65		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	1		
SCREEN MAT:	P	WELL FINISH:	Not Reported
SWL ABOVE:	B		
STATIC WAT:	12		
Well Head Type:	PA		
Head (inches):	8		
Head (Above/Below):	A	SEPTIC PER:	156386
SCREEN TOP:	55		
SCREEN DIA:	4		
PUMP RATE:	20		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	25		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	65		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	03/12/1999
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

D23
SSE
1/2 - 1 Mile
Lower

DE WELLS 182039

X:	179009	Y:	67167.8
PERMIT NUM:	182039	LOCAL ID:	Cr 536
DGSID:	Not Reported	TAX MAP NU:	5-31-15-17
OWNER ID:	973HASTJT	MODIFIED G:	080-084
TOTAL DEPT:	62		
Purpose:	P	WELL USE:	D
DAILY USE:	.7		
DESIRED CA:	15		
DATE CONST:	Not Reported	DATE COMPL:	11/12/2001
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	SA		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	52		
CASING DI1:	0		
CASING DI2:	2		
Casing Material:	N		
GRAVEL PA1:	35		
Drilling Method:	M	LONGITUDE C:	Not Reported
LICENSE NO:	789	LATITUDE C:	Not Reported
Lat/Lon Method:	N	Grout Type:	B
LATITUDE:	Not Reported		
GROUT TOP:	30		
SCREEN BOT:	62		
RETAIN WEL:	Not Reported	REPLACE WE:	Y
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	2		
SCREEN MAT:	P	WELL FINISH:	Not Reported
SWL ABOVE:	A		
STATIC WAT:	5		
Well Head Type:	ST		
Head (inches):	24		
Head (Above/Below):	A	SEPTIC PER:	existing
SCREEN TOP:	52		
SCREEN DIA:	2		
PUMP RATE:	75		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	15		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	35		
NON GROUT2:	30		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	62		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	11/12/2001
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

D24
SSE
1/2 - 1 Mile
Lower

DE WELLS 190055

X:	179060	Y:	67168.9
PERMIT NUM:	190055	LOCAL ID:	CR 536
DGSID:	Not Reported	TAX MAP NU:	5-31-15-75
OWNER ID:	973WAITJ	MODIFIED G:	082-084
TOTAL DEPT:	80	WELL USE:	D
Purpose:	P		
DAILY USE:	.8		
DESIRED CA:	10		
DATE CONST:	Not Reported	DATE COMPL:	Not Reported
DATE ABAND:	Not Reported	AQUIFER:	Not Reported
FORMATION:	Not Reported	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0	LONGITUDE C:	Not Reported
Drilling Method:	U	LATITUDE C:	Not Reported
LICENSE NO:	608	Grout Type:	Not Reported
Lat/Lon Method:	N		
LATITUDE:	Not Reported	REPLACE WE:	Not Reported
GROUT TOP:	0	Pump Type:	NO
SCREEN BOT:	0	WELL FINISH:	Not Reported
RETAIN WEL:	Not Reported		
QUAD:	SHA		
PUMP TIME:	0		
SCREEN MAT:	Not Reported		
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NO		
Head (inches):	8	SEPTIC PER:	190055
Head (Above/Below):	A		
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

**25
NNW
1/2 - 1 Mile
Higher**

DE WELLS 185290

X:	178276	Y:	69142.9
PERMIT NUM:	185290	LOCAL ID:	CR 541
DGSID:	Not Reported	TAX MAP NU:	5-31-15-25
OWNER ID:	973TAYLGB	MODIFIED G:	082-088
TOTAL DEPT:	50	WELL USE:	D
Purpose:	P		
DAILY USE:	.3	DATE COMPL:	04/05/2002
DESIRED CA:	10	AQUIFER:	U
DATE CONST:	Not Reported	Abandon Method:	NO
DATE ABAND:	Not Reported		
FORMATION:	U		
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N	LONGITUDE C:	Not Reported
CASING BO1:	40	LATITUDE C:	Not Reported
CASING BO2:	0	Grout Type:	B
CASING DI1:	4		
CASING DI2:	0	REPLACE WE:	Not Reported
Casing Material:	P	Pump Type:	NO
GRAVEL PA1:	30	WELL FINISH:	Not Reported
Drilling Method:	M		
LICENSE NO:	14	SEPTIC PER:	existing
Lat/Lon Method:	N		
LATITUDE:	Not Reported	ORG OWNER:	Not Reported
GROUT TOP:	30		
SCREEN BOT:	50	DRBC BASIN:	NO
RETAIN WEL:	Not Reported		
QUAD:	SHA		
PUMP TIME:	1.5		
SCREEN MAT:	P		
SWL ABOVE:	B		
STATIC WAT:	6		
Well Head Type:	PA		
Head (inches):	8		
Head (Above/Below):	A		
SCREEN TOP:	40		
SCREEN DIA:	4		
PUMP RATE:	50		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	20		
PRE OWNER:	Not Reported		
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	50		
GRAVEL PA3:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	04/05/2002
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

C26
ENE
1/2 - 1 Mile
Lower

DE WELLS 171322

X:	179682	Y:	68672.1
PERMIT NUM:	171322	LOCAL ID:	Lot 19
DGSID:	Not Reported	TAX MAP NU:	5-31-15-129
OWNER ID:	934DELMFM	MODIFIED G:	082-084
TOTAL DEPT:	75	WELL USE:	D
Purpose:	P		
DAILY USE:	.5	DATE COMPL:	05/03/2000
DESIRED CA:	30	AQUIFER:	U
DATE CONST:	Not Reported	Abandon Method:	NO
DATE ABAND:	Not Reported		
FORMATION:	U		
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	65	LONGITUDE C:	Not Reported
CASING BO2:	0	LATITUDE C:	Not Reported
CASING DI1:	4	Grout Type:	B
CASING DI2:	0		
Casing Material:	P	REPLACE WE:	Not Reported
GRAVEL PA1:	60	Pump Type:	ST
Drilling Method:	M	WELL FINISH:	Not Reported
LICENSE NO:	1051		
Lat/Lon Method:	N	SEPTIC PER:	168797
LATITUDE:	Not Reported		
GROUT TOP:	60	ORG OWNER:	Not Reported
SCREEN BOT:	75		
RETAIN WEL:	Not Reported		
QUAD:	SHA		
PUMP TIME:	2		
SCREEN MAT:	P		
SWL ABOVE:	B		
STATIC WAT:	8		
Well Head Type:	PA		
Head (inches):	12		
Head (Above/Below):	A		
SCREEN TOP:	65		
SCREEN DIA:	4		
PUMP RATE:	45		
PUMP RATED:	30		
PUMP INTAK:	40		
PUMPING WA:	25		
PRE OWNER:	Not Reported		
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	75	DRBC BASIN:	NO
GRAVEL PA3:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	05/03/2000
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

27
NE
1/2 - 1 Mile
Lower

DE WELLS 164420

X:	179589.09	Y:	68832.67
PERMIT NUM:	164420	LOCAL ID:	CR 536
DGSID:	Not Reported	TAX MAP NU:	5-31-15-93.05
OWNER ID:	973BOWDAT	MODIFIED G:	082-084
TOTAL DEPT:	60	WELL USE:	A
Purpose:	P		
DAILY USE:	.4	DATE COMPL:	Not Reported
DESIRED CA:	12	AQUIFER:	Not Reported
DATE CONST:	Not Reported	Abandon Method:	NO
DATE ABAND:	Not Reported		
FORMATION:	Not Reported		
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N	LONGITUDE C:	Not Reported
CASING BO1:	0	LATITUDE C:	Not Reported
CASING BO2:	0	Grout Type:	Not Reported
CASING DI1:	0		
CASING DI2:	0	REPLACE WE:	Not Reported
Casing Material:	Not Reported	Pump Type:	NO
GRAVEL PA1:	0	WELL FINISH:	Not Reported
Drilling Method:	U		
LICENSE NO:	257	SEPTIC PER:	existing
Lat/Lon Method:	N		
LATITUDE:	Not Reported	ORG OWNER:	Not Reported
GROUT TOP:	0		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported		
QUAD:	SHA		
PUMP TIME:	0		
SCREEN MAT:	Not Reported		
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NO		
Head (inches):	Not Reported		
Head (Above/Below):	A		
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported		
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported	DRBC BASIN:	NO
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

C28
ENE
1/2 - 1 Mile
Lower

DE WELLS 170580

X:	179744	Y:	68602.2
PERMIT NUM:	170580	LOCAL ID:	Lot 13
DGSID:	Not Reported	TAX MAP NU:	5-31-15-123
OWNER ID:	973KETTJ	MODIFIED G:	082-084
TOTAL DEPT:	80		
Purpose:	P	WELL USE:	D
DAILY USE:	.4		
DESIRED CA:	20		
DATE CONST:	Not Reported	DATE COMPL:	Not Reported
DATE ABAND:	Not Reported	AQUIFER:	Not Reported
FORMATION:	Not Reported	Abandon Method:	NO
Replaced Reason:	SA		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0		
Drilling Method:	U	LONGITUDE C:	Not Reported
LICENSE NO:	1051		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	Not Reported
GROUT TOP:	0		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported	REPLACE WE:	Y
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	0		
SCREEN MAT:	Not Reported	WELL FINISH:	Not Reported
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NO		
Head (inches):	8		
Head (Above/Below):	A	SEPTIC PER:	existing
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

C29
ENE
1/2 - 1 Mile
Lower

DE WELLS 169406

X:	179725	Y:	68645
PERMIT NUM:	169406	LOCAL ID:	lot 20
DGSID:	Not Reported	TAX MAP NU:	5-31-15-130
OWNER ID:	973DELMFM	MODIFIED G:	082-084
TOTAL DEPT:	65		
Purpose:	P	WELL USE:	D
DAILY USE:	.3		
DESIRED CA:	10		
DATE CONST:	Not Reported	DATE COMPL:	Not Reported
DATE ABAND:	Not Reported	AQUIFER:	Not Reported
FORMATION:	Not Reported	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0		
Drilling Method:	U	LONGITUDE C:	Not Reported
LICENSE NO:	1051		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	Not Reported
GROUT TOP:	0		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	0		
SCREEN MAT:	Not Reported	WELL FINISH:	Not Reported
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NO		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	166776
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

D30
SSE
1/2 - 1 Mile
Lower

DE WELLS 035768

X:	178989	Y:	67099.8
PERMIT NUM:	035768	LOCAL ID:	Not Reported
DGSID:	9035768	TAX MAP NU:	035768
OWNER ID:	973KNOWJ	MODIFIED G:	080-084
TOTAL DEPT:	55		
Purpose:	P	WELL USE:	D
DAILY USE:	.3		
DESIRED CA:	10		
DATE CONST:	Not Reported	DATE COMPL:	Not Reported
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	NW		
ALTITUDE:	0		
ALT Method:	M		
CASING BO1:	45		
CASING BO2:	0		
CASING DI1:	2		
CASING DI2:	0		
Casing Material:	P		
GRAVEL PA1:	0		
Drilling Method:	M	LONGITUDE C:	Not Reported
LICENSE NO:	101	LATITUDE C:	Not Reported
Lat/Lon Method:	M	Grout Type:	B
LATITUDE:	Not Reported		
GROUT TOP:	20		
SCREEN BOT:	55		
RETAIN WEL:	Not Reported	REPLACE WE:	Y
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	0		
SCREEN MAT:	P	WELL FINISH:	U
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NO		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	Not Reported
SCREEN TOP:	45		
SCREEN DIA:	2		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	3		
GRAVEL PA2:	0		
GRAVEL PA3:	N	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

31
SE
1/2 - 1 Mile
Lower

DE WELLS 192360

X:	179649	Y:	67549.6
PERMIT NUM:	192360	LOCAL ID:	CR 536
DGSID:	Not Reported	TAX MAP NU:	5-31-15-85
OWNER ID:	554EBYRK	MODIFIED G:	082-084
TOTAL DEPT:	80		
Purpose:	P	WELL USE:	D
DAILY USE:	.3		
DESIRED CA:	18		
DATE CONST:	Not Reported	DATE COMPL:	Not Reported
DATE ABAND:	Not Reported	AQUIFER:	Not Reported
FORMATION:	Not Reported	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0		
Drilling Method:	U	LONGITUDE C:	Not Reported
LICENSE NO:	1004	LATITUDE C:	Not Reported
Lat/Lon Method:	N	Grout Type:	Not Reported
LATITUDE:	Not Reported		
GROUT TOP:	0		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	0		
SCREEN MAT:	Not Reported	WELL FINISH:	Not Reported
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NO		
Head (inches):	8		
Head (Above/Below):	A	SEPTIC PER:	191168
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

32
South
1/2 - 1 Mile
Lower

DE WELLS 167448

X:	178838	Y:	67050.3
PERMIT NUM:	167448	LOCAL ID:	RD 78
DGSID:	Not Reported	TAX MAP NU:	5-31-15-14
OWNER ID:	956PORCC	MODIFIED G:	080-084
TOTAL DEPT:	84		
Purpose:	P	WELL USE:	D
DAILY USE:	.3		
DESIRED CA:	10		
DATE CONST:	Not Reported	DATE COMPL:	08/31/1999
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	NW		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	84		
CASING BO2:	0		
CASING DI1:	2		
CASING DI2:	0		
Casing Material:	P		
GRAVEL PA1:	74		
Drilling Method:	M	LONGITUDE C:	Not Reported
LICENSE NO:	1004	LATITUDE C:	Not Reported
Lat/Lon Method:	N	Grout Type:	B
LATITUDE:	Not Reported		
GROUT TOP:	25		
SCREEN BOT:	84		
RETAIN WEL:	Not Reported	REPLACE WE:	Y
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	1		
SCREEN MAT:	P	WELL FINISH:	Not Reported
SWL ABOVE:	B		
STATIC WAT:	7		
Well Head Type:	ST		
Head (inches):	12		
Head (Above/Below):	A	SEPTIC PER:	1500-87S
SCREEN TOP:	74		
SCREEN DIA:	2		
PUMP RATE:	25		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	13		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	74		
NON GROUT2:	25		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	84		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	08/31/1999
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

E33
ENE
1/2 - 1 Mile
Lower

DE WELLS 172831

X:	179739	Y:	68682.8
PERMIT NUM:	172831	LOCAL ID:	lot 21
DGSID:	Not Reported	TAX MAP NU:	5-31-15-131
OWNER ID:	956DELMFM	MODIFIED G:	082-084
TOTAL DEPT:	55		
Purpose:	P	WELL USE:	D
DAILY USE:	7.2		
DESIRED CA:	30		
DATE CONST:	Not Reported	DATE COMPL:	06/22/2000
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	OT		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	44		
CASING BO2:	0		
CASING DI1:	4		
CASING DI2:	0		
Casing Material:	P		
GRAVEL PA1:	34		
Drilling Method:	M	LONGITUDE C:	Not Reported
LICENSE NO:	608		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	B
GROUT TOP:	34		
SCREEN BOT:	54		
RETAIN WEL:	Not Reported	REPLACE WE:	Y
QUAD:	SHA	Pump Type:	ST
PUMP TIME:	.5		
SCREEN MAT:	P	WELL FINISH:	Not Reported
SWL ABOVE:	B		
STATIC WAT:	8		
Well Head Type:	PA		
Head (inches):	12		
Head (Above/Below):	A	SEPTIC PER:	168693-S
SCREEN TOP:	44		
SCREEN DIA:	4		
PUMP RATE:	30		
PUMP RATED:	25		
PUMP INTAK:	30		
PUMPING WA:	30		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	54		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	06/22/2000
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

E34
ENE
1/2 - 1 Mile
Lower

DE WELLS 171843

X:	179692	Y:	68769.1
PERMIT NUM:	171843	LOCAL ID:	lot 21
DGSID:	Not Reported	TAX MAP NU:	5-31-15-131
OWNER ID:	956DELMFM	MODIFIED G:	082-084
TOTAL DEPT:	70	WELL USE:	D
Purpose:	P		
DAILY USE:	.4		
DESIRED CA:	20		
DATE CONST:	Not Reported	DATE COMPL:	06/02/2000
DATE ABAND:	08/22/2000	AQUIFER:	Not Reported
FORMATION:	Not Reported	Abandon Method:	B
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0		
Drilling Method:	U	LONGITUDE C:	Not Reported
LICENSE NO:	1051	LATITUDE C:	Not Reported
Lat/Lon Method:	N	Grout Type:	X
LATITUDE:	Not Reported		
GROUT TOP:	0		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	0		
SCREEN MAT:	Not Reported	WELL FINISH:	Not Reported
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NO		
Head (inches):	8		
Head (Above/Below):	A	SEPTIC PER:	168693-S
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

E35
ENE
1/2 - 1 Mile
Lower

DE WELLS 176500

X:	179791	Y:	68592.4
PERMIT NUM:	176500	LOCAL ID:	Lot 12mc
DGSID:	Not Reported	TAX MAP NU:	5-31-15-122
OWNER ID:	973WAUGB	MODIFIED G:	082-084
TOTAL DEPT:	57		
Purpose:	P	WELL USE:	D
DAILY USE:	.3		
DESIRED CA:	10		
DATE CONST:	Not Reported	DATE COMPL:	03/15/2002
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	47		
CASING DI1:	0		
CASING DI2:	4		
Casing Material:	N		
GRAVEL PA1:	35		
Drilling Method:	M	LONGITUDE C:	Not Reported
LICENSE NO:	933		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	B
GROUT TOP:	20		
SCREEN BOT:	57		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	SHA	Pump Type:	GO
PUMP TIME:	1		
SCREEN MAT:	P	WELL FINISH:	Not Reported
SWL ABOVE:	B		
STATIC WAT:	6.25		
Well Head Type:	PA		
Head (inches):	12		
Head (Above/Below):	A	SEPTIC PER:	162623-S
SCREEN TOP:	47		
SCREEN DIA:	4		
PUMP RATE:	30		
PUMP RATED:	18		
PUMP INTAK:	40		
PUMPING WA:	18		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	35		
NON GROUT2:	20		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	57		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	03/15/2002
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

36
SE
1/2 - 1 Mile
Lower

DE WELLS 157901

X:	179576.81	Y:	67383.53
PERMIT NUM:	157901	LOCAL ID:	CR 536
DGSID:	Not Reported	TAX MAP NU:	5-31-15-83
OWNER ID:	973BELLCR	MODIFIED G:	082-084
TOTAL DEPT:	65	WELL USE:	A
Purpose:	P		
DAILY USE:	.4	DATE COMPL:	05/06/1998
DESIRED CA:	12	AQUIFER:	U
DATE CONST:	Not Reported	Abandon Method:	NO
DATE ABAND:	Not Reported		
FORMATION:	U		
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N	LONGITUDE C:	Not Reported
CASING BO1:	55	LATITUDE C:	Not Reported
CASING BO2:	0	Grout Type:	B
CASING DI1:	2		
CASING DI2:	0	REPLACE WE:	Not Reported
Casing Material:	P	Pump Type:	NO
GRAVEL PA1:	0	WELL FINISH:	Not Reported
Drilling Method:	M		
LICENSE NO:	257	SEPTIC PER:	existing
Lat/Lon Method:	N		
LATITUDE:	Not Reported	ORG OWNER:	Not Reported
GROUT TOP:	20		
SCREEN BOT:	65		
RETAIN WEL:	Not Reported		
QUAD:	SHA		
PUMP TIME:	0		
SCREEN MAT:	P		
SWL ABOVE:	B		
STATIC WAT:	6		
Well Head Type:	NO		
Head (inches):	20		
Head (Above/Below):	A		
SCREEN TOP:	55		
SCREEN DIA:	2		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported		
NON GROUT:	65		
NON GROUT2:	20		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin: 304
 CASING MAT: Not Reported
 CASING TO1: 0
 CASING TO2: 0

DATE SWL M: 05/06/1998

E37
ENE
1/2 - 1 Mile
Lower

DE WELLS 162973

X: 179757.27
 PERMIT NUM: 162973
 DGSID: Not Reported
 OWNER ID: 973LESSM
 TOTAL DEPT: 75
 Purpose: P
 DAILY USE: .8
 DESIRED CA: 10
 DATE CONST: Not Reported
 DATE ABAND: Not Reported
 FORMATION: U
 Replaced Reason: NO
 ALTITUDE: 0
 ALT Method: N
 CASING BO1: 60
 CASING BO2: 0
 CASING DI1: 4
 CASING DI2: 0
 Casing Material: P
 GRAVEL PA1: 55
 Drilling Method: M
 LICENSE NO: 608
 Lat/Lon Method: N
 LATITUDE: Not Reported
 GROUT TOP: 55
 SCREEN BOT: 70
 RETAIN WEL: Not Reported
 QUAD: SHA
 PUMP TIME: 1.5
 SCREEN MAT: P
 SWL ABOVE: B
 STATIC WAT: 8
 Well Head Type: PA
 Head (inches): 12
 Head (Above/Below): A
 SCREEN TOP: 60
 SCREEN DIA: 4
 PUMP RATE: 30
 PUMP RATED: 10
 PUMP INTAK: 35
 PUMPING WA: 38
 PRE OWNER: Not Reported
 NON GROUT: 0
 NON GROUT2: 0
 LONGITUDE: Not Reported
 GROUT FROM: 0
 GRAVEL PA2: 75
 GRAVEL PA3: Not Reported

Y: 68711.30
 LOCAL ID: Lot 16
 TAX MAP NU: 5-31-15-126
 MODIFIED G: 082-084
 WELL USE: D
 DATE COMPL: 01/25/1999
 AQUIFER: U
 Abandon Method: NO

LONGITUDE C: Not Reported
 LATITUDE C: Not Reported
 Grout Type: B

REPLACE WE: Not Reported
 Pump Type: GO
 WELL FINISH: Not Reported

SEPTIC PER: 158723

ORG OWNER: Not Reported

DRBC BASIN: NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin: 304
 CASING MAT: Not Reported
 CASING TO1: 0
 CASING TO2: 0

DATE SWL M: 01/25/1999

F38
ENE
1/2 - 1 Mile
Lower

DE WELLS 167384

X:	179846	Y:	68585.7
PERMIT NUM:	167384	LOCAL ID:	lot 12
DGSID:	Not Reported	TAX MAP NU:	5-31-15-122
OWNER ID:	973WAUGB	MODIFIED G:	082-084
TOTAL DEPT:	80	WELL USE:	D
Purpose:	P	DATE COMPL:	Not Reported
DAILY USE:	.3	AQUIFER:	Not Reported
DESIRED CA:	18	Abandon Method:	NO
DATE CONST:	Not Reported		
DATE ABAND:	Not Reported		
FORMATION:	Not Reported		
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0		
Drilling Method:	U	LONGITUDE C:	Not Reported
LICENSE NO:	1004	LATITUDE C:	Not Reported
Lat/Lon Method:	N	Grout Type:	Not Reported
LATITUDE:	Not Reported		
GROUT TOP:	0		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	0	WELL FINISH:	Not Reported
SCREEN MAT:	Not Reported		
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NO		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	162623
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

F39
ENE
 1/2 - 1 Mile
 Lower

DE WELLS 186195

X:	179858	Y:	68634.8
PERMIT NUM:	186195	LOCAL ID:	Lot 10
DGSID:	Not Reported	TAX MAP NU:	5-31-15-120
OWNER ID:	956DELMFM	MODIFIED G:	082-084
TOTAL DEPT:	60		
Purpose:	P	WELL USE:	D
DAILY USE:	.4		
DESIRED CA:	12		
DATE CONST:	Not Reported	DATE COMPL:	07/24/2002
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	50		
CASING DI1:	0		
CASING DI2:	4		
Casing Material:	N		
GRAVEL PA1:	50		
Drilling Method:	M	LONGITUDE C:	Not Reported
LICENSE NO:	257	LATITUDE C:	Not Reported
Lat/Lon Method:	N	Grout Type:	B
LATITUDE:	Not Reported		
GROUT TOP:	25		
SCREEN BOT:	60		
RETAIN WELL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	1		
SCREEN MAT:	P	WELL FINISH:	Not Reported
SWL ABOVE:	B		
STATIC WAT:	10		
Well Head Type:	NO		
Head (inches):	10		
Head (Above/Below):	A	SEPTIC PER:	182448
SCREEN TOP:	50		
SCREEN DIA:	4		
PUMP RATE:	10		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	10		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	50		
NON GROUT2:	30		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	60		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin: 304
 CASING MAT: Not Reported
 CASING TO1: 0
 CASING TO2: 0

DATE SWL M: 07/24/2002

E40
ENE
1/2 - 1 Mile
Lower

DE WELLS 167586

X: 179842
 PERMIT NUM: 167586
 DGSID: Not Reported
 OWNER ID: 956DELMFM
 TOTAL DEPT: 60
 Purpose: P
 DAILY USE: .4
 DESIRED CA: 15
 DATE CONST: Not Reported
 DATE ABAND: Not Reported
 FORMATION: Not Reported
 Replaced Reason: NO
 ALTITUDE: 0
 ALT Method: N
 CASING BO1: 0
 CASING BO2: 0
 CASING DI1: 0
 CASING DI2: 0
 Casing Material: Not Reported
 GRAVEL PA1: 0
 Drilling Method: U
 LICENSE NO: 1051
 Lat/Lon Method: N
 LATITUDE: Not Reported
 GROUT TOP: 0
 SCREEN BOT: 0
 RETAIN WEL: Not Reported
 QUAD: SHA
 PUMP TIME: 0
 SCREEN MAT: Not Reported
 SWL ABOVE: Not Reported
 STATIC WAT: 0
 Well Head Type: NO
 Head (inches): 8
 Head (Above/Below): A
 SCREEN TOP: 0
 SCREEN DIA: 0
 PUMP RATE: 0
 PUMP RATED: Not Reported
 PUMP INTAK: Not Reported
 PUMPING WA: 0
 PRE OWNER: Not Reported
 NON GROUT: 0
 NON GROUT2: 0
 LONGITUDE: Not Reported
 GROUT FROM: 0
 GRAVEL PA2: 0
 GRAVEL PA3: Not Reported

Y: 68689.1
 LOCAL ID: Lot 26
 TAX MAP NU: 5-31-15-136
 MODIFIED G: 082-084
 WELL USE: D
 DATE COMPL: Not Reported
 AQUIFER: Not Reported
 Abandon Method: NO
 LONGITUDE C: Not Reported
 LATITUDE C: Not Reported
 GROUT Type: Not Reported
 REPLACE WE: Not Reported
 Pump Type: NO
 WELL FINISH: Not Reported
 SEPTIC PER: 165632
 ORG OWNER: Not Reported
 DRBC BASIN: NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

41
NE
1/2 - 1 Mile
Lower

DE WELLS 51552

X:	179687	Y:	68962.7
PERMIT NUM:	51552	LOCAL ID:	Cr 536
DGSID:	Not Reported	TAX MAP NU:	5-31-15-93.3
OWNER ID:	950CROWDL	MODIFIED G:	084-090
TOTAL DEPT:	65	WELL USE:	D
Purpose:	P		
DAILY USE:	.4	DATE COMPL:	08/26/1982
DESIRED CA:	10	AQUIFER:	U
DATE CONST:	Not Reported	Abandon Method:	NO
DATE ABAND:	Not Reported		
FORMATION:	U		
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N	LONGITUDE C:	Not Reported
CASING BO1:	59	LATITUDE C:	Not Reported
CASING BO2:	0	Grout Type:	B
CASING DI1:	2		
CASING DI2:	0	REPLACE WE:	Not Reported
Casing Material:	P	Pump Type:	NO
GRAVEL PA1:	55	WELL FINISH:	Not Reported
Drilling Method:	M		
LICENSE NO:	4058	SEPTIC PER:	Not Reported
Lat/Lon Method:	G		
LATITUDE:	Not Reported		
GROUT TOP:	20		
SCREEN BOT:	65	ORG OWNER:	Not Reported
RETAIN WEL:	Not Reported		
QUAD:	SHA		
PUMP TIME:	2		
SCREEN MAT:	P		
SWL ABOVE:	B		
STATIC WAT:	12		
Well Head Type:	PA		
Head (inches):	8		
Head (Above/Below):	A		
SCREEN TOP:	59		
SCREEN DIA:	2		
PUMP RATE:	50		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	20		
PRE OWNER:	Not Reported		
NON GROUT:	55		
NON GROUT2:	20		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	65	DRBC BASIN:	NO
GRAVEL PA3:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin: 304
 CASING MAT: Not Reported
 CASING TO1: 0
 CASING TO2: 0

DATE SWL M: 08/26/1982

G42
ESE
1/2 - 1 Mile
Lower

DE WELLS 194353

X:	179889	Y:	67716.8
PERMIT NUM:	194353	LOCAL ID:	Blue Heron Dr
DGSID:	Not Reported	TAX MAP NU:	5-31-15-86
OWNER ID:	973METZMM	MODIFIED G:	082-084
TOTAL DEPT:	76	WELL USE:	A
Purpose:	P	DATE COMPL:	08/05/2003
DAILY USE:	.5	AQUIFER:	U
DESIRED CA:	15	Abandon Method:	NO
DATE CONST:	Not Reported		
DATE ABAND:	Not Reported		
FORMATION:	U		
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	66		
CASING DI1:	0		
CASING DI2:	2		
Casing Material:	N		
GRAVEL PA1:	56		
Drilling Method:	M	LONGITUDE C:	Not Reported
LICENSE NO:	789	LATITUDE C:	Not Reported
Lat/Lon Method:	N	Grout Type:	B
LATITUDE:	Not Reported		
GROUT TOP:	40		
SCREEN BOT:	76		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	2	WELL FINISH:	Not Reported
SCREEN MAT:	P		
SWL ABOVE:	A		
STATIC WAT:	7		
Well Head Type:	ST		
Head (inches):	12		
Head (Above/Below):	A	SEPTIC PER:	Existing
SCREEN TOP:	66		
SCREEN DIA:	2		
PUMP RATE:	55		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	17		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	56		
NON GROUT2:	40		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	76		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin: 304
 CASING MAT: Not Reported
 CASING TO1: 0
 CASING TO2: 0

DATE SWL M: 08/05/2003

F43
ENE
 1/2 - 1 Mile
 Lower

DE WELLS 164605

X:	179904.92	Y:	68620.96
PERMIT NUM:	164605	LOCAL ID:	lot 13
DGSID:	Not Reported	TAX MAP NU:	5-31-15-123
OWNER ID:	973KETTJ	MODIFIED G:	082-084
TOTAL DEPT:	50	WELL USE:	D
Purpose:	P	DATE COMPL:	07/08/1999
DAILY USE:	.5	AQUIFER:	U
DESIRED CA:	30	Abandon Method:	NO
DATE CONST:	Not Reported		
DATE ABAND:	Not Reported		
FORMATION:	U		
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	40	LONGITUDE C:	Not Reported
CASING BO2:	0	LATITUDE C:	Not Reported
CASING DI1:	4	Grout Type:	B
CASING DI2:	0		
Casing Material:	P	REPLACE WE:	Not Reported
GRAVEL PA1:	35	Pump Type:	ST
Drilling Method:	M	WELL FINISH:	Not Reported
LICENSE NO:	1051		
Lat/Lon Method:	N	SEPTIC PER:	163586
LATITUDE:	Not Reported		
GROUT TOP:	35	ORG OWNER:	Not Reported
SCREEN BOT:	50		
RETAIN WEL:	Not Reported		
QUAD:	SHA		
PUMP TIME:	1		
SCREEN MAT:	P		
SWL ABOVE:	B		
STATIC WAT:	10		
Well Head Type:	PA		
Head (inches):	12		
Head (Above/Below):	A		
SCREEN TOP:	40		
SCREEN DIA:	4		
PUMP RATE:	50		
PUMP RATED:	30		
PUMP INTAK:	35		
PUMPING WA:	25		
PRE OWNER:	Not Reported		
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	50	DRBC BASIN:	NO
GRAVEL PA3:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	07/08/1999
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

**44
SW
1/2 - 1 Mile
Higher**

DE WELLS 39086

X:	177686.70	Y:	67465.03
PERMIT NUM:	39086	LOCAL ID:	RT 78
DGSID:	Not Reported	TAX MAP NU:	39086
OWNER ID:	973PASSJA	MODIFIED G:	078-084
TOTAL DEPT:	35	WELL USE:	D
Purpose:	P	DATE COMPL:	07/28/1977
DAILY USE:	.3	AQUIFER:	U
DESIRED CA:	5	Abandon Method:	NO
DATE CONST:	Not Reported		
DATE ABAND:	Not Reported		
FORMATION:	U		
Replaced Reason:	NO		
ALTITUDE:	0	LONGITUDE C:	Not Reported
ALT Method:	N	LATITUDE C:	Not Reported
CASING BO1:	0	Grout Type:	Not Reported
CASING BO2:	0		
CASING DI1:	1.2	REPLACE WE:	Not Reported
CASING DI2:	0	Pump Type:	NO
Casing Material:	G	WELL FINISH:	Not Reported
GRAVEL PA1:	0		
Drilling Method:	V	SEPTIC PER:	Not Reported
LICENSE NO:	257		
Lat/Lon Method:	N	ORG OWNER:	Not Reported
LATITUDE:	Not Reported		
GROUT TOP:	0		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported		
QUAD:	SHA		
PUMP TIME:	0		
SCREEN MAT:	N		
SWL ABOVE:	B		
STATIC WAT:	9		
Well Head Type:	NO		
Head (inches):	Not Reported		
Head (Above/Below):	A		
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported		
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin: 304
 CASING MAT: Not Reported
 CASING TO1: 0
 CASING TO2: 0

DATE SWL M: 07/28/1977

G45
ESE
 1/2 - 1 Mile
 Lower

DE WELLS 194352

X:	179950	Y:	67787.2
PERMIT NUM:	194352	LOCAL ID:	Blue Heron Dr
DGSID:	Not Reported	TAX MAP NU:	5-31-15-86.01
OWNER ID:	973METZMM	MODIFIED G:	Not Reported
TOTAL DEPT:	76	WELL USE:	A
Purpose:	P	DATE COMPL:	08/05/2003
DAILY USE:	.5	AQUIFER:	U
DESIRED CA:	15	Abandon Method:	NO
DATE CONST:	Not Reported		
DATE ABAND:	Not Reported		
FORMATION:	U		
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0	LONGITUDE C:	Not Reported
CASING BO2:	66	LATITUDE C:	Not Reported
CASING DI1:	0	Grout Type:	B
CASING DI2:	2		
Casing Material:	N		
GRAVEL PA1:	56	REPLACE WE:	Not Reported
Drilling Method:	M	Pump Type:	NO
LICENSE NO:	789	WELL FINISH:	Not Reported
Lat/Lon Method:	N		
LATITUDE:	Not Reported	SEPTIC PER:	Existing
GROUT TOP:	40		
SCREEN BOT:	76		
RETAIN WEL:	Not Reported	ORG OWNER:	Not Reported
QUAD:	SHA		
PUMP TIME:	1		
SCREEN MAT:	P	DRBC BASIN:	NO
SWL ABOVE:	A		
STATIC WAT:	7		
Well Head Type:	ST		
Head (inches):	12		
Head (Above/Below):	A		
SCREEN TOP:	66		
SCREEN DIA:	2		
PUMP RATE:	55		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	17		
PRE OWNER:	Not Reported		
NON GROUT:	56		
NON GROUT2:	40		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	76		
GRAVEL PA3:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin: 304
 CASING MAT: Not Reported
 CASING TO1: 0
 CASING TO2: 0

DATE SWL M: 08/05/2003

**H46
 ENE
 1/2 - 1 Mile
 Lower**

DE WELLS 188710

X:	179912	Y:	68685.5
PERMIT NUM:	188710	LOCAL ID:	Lot 9
DGSID:	Not Reported	TAX MAP NU:	5-31-15-119
OWNER ID:	956DELMFM	MODIFIED G:	082-084
TOTAL DEPT:	65	WELL USE:	D
Purpose:	P	DATE COMPL:	12/17/2002
DAILY USE:	.3	AQUIFER:	U
DESIRED CA:	12	Abandon Method:	NO
DATE CONST:	Not Reported		
DATE ABAND:	Not Reported		
FORMATION:	U		
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	55		
CASING DI1:	0		
CASING DI2:	4		
Casing Material:	N		
GRAVEL PA1:	55		
Drilling Method:	M	LONGITUDE C:	Not Reported
LICENSE NO:	257	LATITUDE C:	Not Reported
Lat/Lon Method:	N	Grout Type:	B
LATITUDE:	Not Reported		
GROUT TOP:	25		
SCREEN BOT:	65		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	1		
SCREEN MAT:	P	WELL FINISH:	Not Reported
SWL ABOVE:	A		
STATIC WAT:	10		
Well Head Type:	NO		
Head (inches):	10		
Head (Above/Below):	A	SEPTIC PER:	185912
SCREEN TOP:	55		
SCREEN DIA:	4		
PUMP RATE:	10		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	10		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	50		
NON GROUT2:	30		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	65		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	12/17/2002
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

I47
SSE
1/2 - 1 Mile
Lower

DE WELLS 36321

X:	178990	Y:	66866.8
PERMIT NUM:	36321	LOCAL ID:	Not Reported
DGSID:	Not Reported	TAX MAP NU:	36321
OWNER ID:	973DEGEH	MODIFIED G:	078-084
TOTAL DEPT:	80	WELL USE:	D
Purpose:	P		
DAILY USE:	.3	DATE COMPL:	07/14/1976
DESIRED CA:	15	AQUIFER:	U
DATE CONST:	07/14/1976	Abandon Method:	NO
DATE ABAND:	Not Reported		
FORMATION:	U		
Replaced Reason:	NW		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	75	LONGITUDE C:	Not Reported
CASING BO2:	0	LATITUDE C:	Not Reported
CASING DI1:	0	Grout Type:	C
CASING DI2:	0		
Casing Material:	P	REPLACE WE:	Y
GRAVEL PA1:	73	Pump Type:	NO
Drilling Method:	R	WELL FINISH:	Not Reported
LICENSE NO:	4058		
Lat/Lon Method:	X	SEPTIC PER:	Not Reported
LATITUDE:	Not Reported		
GROUT TOP:	15		
SCREEN BOT:	80		
RETAIN WEL:	Not Reported		
QUAD:	SHA		
PUMP TIME:	1		
SCREEN MAT:	N		
SWL ABOVE:	B		
STATIC WAT:	7		
Well Head Type:	NO		
Head (inches):	Not Reported		
Head (Above/Below):	A		
SCREEN TOP:	75		
SCREEN DIA:	0		
PUMP RATE:	80		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	18		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	80		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	07/14/1976
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

H48
ENE
1/2 - 1 Mile
Lower

DE WELLS 164608

X:	179974.67	Y:	68648.36
PERMIT NUM:	164608	LOCAL ID:	lot 11
DGSID:	Not Reported	TAX MAP NU:	5-31-15-121
OWNER ID:	973BAYNBL	MODIFIED G:	082-084
TOTAL DEPT:	50		
Purpose:	P	WELL USE:	D
DAILY USE:	.4		
DESIRED CA:	10		
DATE CONST:	Not Reported	DATE COMPL:	06/16/1999
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	40		
CASING BO2:	0		
CASING DI1:	4		
CASING DI2:	0		
Casing Material:	P		
GRAVEL PA1:	35		
Drilling Method:	M	LONGITUDE C:	Not Reported
LICENSE NO:	1051	LATITUDE C:	Not Reported
Lat/Lon Method:	N	Grout Type:	B
LATITUDE:	Not Reported		
GROUT TOP:	35		
SCREEN BOT:	50	REPLACE WE:	Not Reported
RETAIN WEL:	Not Reported	Pump Type:	ST
QUAD:	SHA	WELL FINISH:	Not Reported
PUMP TIME:	1		
SCREEN MAT:	P		
SWL ABOVE:	B		
STATIC WAT:	7		
Well Head Type:	PA		
Head (inches):	12		
Head (Above/Below):	A	SEPTIC PER:	163430
SCREEN TOP:	40		
SCREEN DIA:	4		
PUMP RATE:	40		
PUMP RATED:	10		
PUMP INTAK:	30		
PUMPING WA:	23		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	50		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	06/16/1999
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

H49
ENE
1/2 - 1 Mile
Lower

DE WELLS 173828

X:	179947	Y:	68773.7
PERMIT NUM:	173828	LOCAL ID:	Lot 27
DGSID:	Not Reported	TAX MAP NU:	5-31-15-137
OWNER ID:	956DELMFM	MODIFIED G:	082-084
TOTAL DEPT:	70		
Purpose:	P	WELL USE:	D
DAILY USE:	.5		
DESIRED CA:	18		
DATE CONST:	Not Reported	DATE COMPL:	08/11/2000
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	57	LONGITUDE C:	Not Reported
CASING BO2:	0		
CASING DI1:	4	LATITUDE C:	Not Reported
CASING DI2:	0	Grout Type:	B
Casing Material:	P		
GRAVEL PA1:	0	REPLACE WE:	Not Reported
Drilling Method:	M	Pump Type:	GO
LICENSE NO:	608	WELL FINISH:	Not Reported
Lat/Lon Method:	N		
LATITUDE:	Not Reported	SEPTIC PER:	170672
GROUT TOP:	50		
SCREEN BOT:	67	ORG OWNER:	Not Reported
RETAIN WEL:	Not Reported		
QUAD:	SHA		
PUMP TIME:	.5		
SCREEN MAT:	P		
SWL ABOVE:	B		
STATIC WAT:	14		
Well Head Type:	PA		
Head (inches):	12		
Head (Above/Below):	A		
SCREEN TOP:	57		
SCREEN DIA:	4		
PUMP RATE:	40		
PUMP RATED:	18		
PUMP INTAK:	30		
PUMPING WA:	30		
PRE OWNER:	Not Reported		
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	08/11/2000
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

H50
ENE
1/2 - 1 Mile
Lower

DE WELLS 168217

X:	179982	Y:	68713.6
PERMIT NUM:	168217	LOCAL ID:	Lot 8
DGSID:	Not Reported	TAX MAP NU:	5-31-15-118
OWNER ID:	973WOLFR	MODIFIED G:	082-084
TOTAL DEPT:	75	WELL USE:	D
Purpose:	P		
DAILY USE:	.6		
DESIRED CA:	15		
DATE CONST:	Not Reported	DATE COMPL:	10/14/1999
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	61	LONGITUDE C:	Not Reported
CASING BO2:	0	LATITUDE C:	Not Reported
CASING DI1:	4	Grout Type:	B
CASING DI2:	0		
Casing Material:	P	REPLACE WE:	Not Reported
GRAVEL PA1:	50	Pump Type:	GO
Drilling Method:	M	WELL FINISH:	Not Reported
LICENSE NO:	608		
Lat/Lon Method:	N	SEPTIC PER:	164281
LATITUDE:	Not Reported		
GROUT TOP:	50		
SCREEN BOT:	71	ORG OWNER:	Not Reported
RETAIN WEL:	Not Reported		
QUAD:	SHA		
PUMP TIME:	1.5		
SCREEN MAT:	P		
SWL ABOVE:	B		
STATIC WAT:	12		
Well Head Type:	PA		
Head (inches):	12		
Head (Above/Below):	A		
SCREEN TOP:	61		
SCREEN DIA:	4		
PUMP RATE:	60		
PUMP RATED:	18		
PUMP INTAK:	40		
PUMPING WA:	20		
PRE OWNER:	Not Reported		
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	71	DRBC BASIN:	NO
GRAVEL PA3:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin: 304
 CASING MAT: Not Reported
 CASING TO1: 0
 CASING TO2: 0

DATE SWL M: 10/14/1999

J51
ENE
 1/2 - 1 Mile
 Lower

DE WELLS 175265

X: 179900
 PERMIT NUM: 175265
 DGSID: Not Reported
 OWNER ID: 973THOMJH
 TOTAL DEPT: 70
 Purpose: P
 DAILY USE: .8
 DESIRED CA: 25
 DATE CONST: Not Reported
 DATE ABAND: Not Reported
 FORMATION: Not Reported
 Replaced Reason: NO
 ALTITUDE: 0
 ALT Method: N
 CASING BO1: 0
 CASING BO2: 0
 CASING DI1: 0
 CASING DI2: 0
 Casing Material: Not Reported
 GRAVEL PA1: 0
 Drilling Method: U
 LICENSE NO: 608
 Lat/Lon Method: N
 LATITUDE: Not Reported
 GROUT TOP: 0
 SCREEN BOT: 0
 RETAIN WEL: Not Reported
 QUAD: SHA
 PUMP TIME: 0
 SCREEN MAT: Not Reported
 SWL ABOVE: Not Reported
 STATIC WAT: 0
 Well Head Type: NO
 Head (inches): 8
 Head (Above/Below): A
 SCREEN TOP: 0
 SCREEN DIA: 0
 PUMP RATE: 0
 PUMP RATED: Not Reported
 PUMP INTAK: Not Reported
 PUMPING WA: 0
 PRE OWNER: Not Reported
 NON GROUT: 0
 NON GROUT2: 0
 LONGITUDE: Not Reported
 GROUT FROM: 0
 GRAVEL PA2: 0
 GRAVEL PA3: Not Reported

Y: 68879.1
 LOCAL ID: Lot 29
 TAX MAP NU: 5-31-15-139
 MODIFIED G: 082-084
 WELL USE: D
 DATE COMPL: Not Reported
 AQUIFER: Not Reported
 Abandon Method: NO
 LONGITUDE C: Not Reported
 LATITUDE C: Not Reported
 Grout Type: Not Reported
 REPLACE WE: Not Reported
 Pump Type: NO
 WELL FINISH: Not Reported
 SEPTIC PER: 173149
 ORG OWNER: Not Reported
 DRBC BASIN: NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

H52
ENE
1/2 - 1 Mile
Lower

DE WELLS 198468

X:	179988	Y:	68714.9
PERMIT NUM:	198468	LOCAL ID:	Lot 7
DGSID:	Not Reported	TAX MAP NU:	5-31-15-117
OWNER ID:	956DELMFM	MODIFIED G:	082-084
TOTAL DEPT:	75		
Purpose:	P	WELL USE:	D
DAILY USE:	.3		
DESIRED CA:	12		
DATE CONST:	Not Reported	DATE COMPL:	01/21/2004
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	65		
CASING BO2:	0		
CASING DI1:	4		
CASING DI2:	0		
Casing Material:	P		
GRAVEL PA1:	65		
Drilling Method:	M	LONGITUDE C:	Not Reported
LICENSE NO:	257	LATITUDE C:	Not Reported
Lat/Lon Method:	N	Grout Type:	B
LATITUDE:	Not Reported		
GROUT TOP:	20		
SCREEN BOT:	75		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	1		
SCREEN MAT:	P	WELL FINISH:	Not Reported
SWL ABOVE:	B		
STATIC WAT:	10		
Well Head Type:	NO		
Head (inches):	10		
Head (Above/Below):	A	SEPTIC PER:	186293-S
SCREEN TOP:	65		
SCREEN DIA:	4		
PUMP RATE:	10		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	10		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	65		
NON GROUT2:	20		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	75		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin: 304
 CASING MAT: Not Reported
 CASING TO1: 0
 CASING TO2: 0

DATE SWL M: 01/21/2004

I53
 SSE
 1/2 - 1 Mile
 Lower

DE WELLS 165654

X:	179083.93	Y:	66826.90
PERMIT NUM:	165654	LOCAL ID:	CR 78
DGSID:	Not Reported	TAX MAP NU:	5-31-18-8
OWNER ID:	973KNOWJF	MODIFIED G:	078-084
TOTAL DEPT:	110		
Purpose:	P	WELL USE:	D
DAILY USE:	.3		
DESIRED CA:	18		
DATE CONST:	Not Reported	DATE COMPL:	Not Reported
DATE ABAND:	Not Reported	AQUIFER:	Not Reported
FORMATION:	Not Reported	Abandon Method:	NO
Replaced Reason:	NW		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0	LONGITUDE C:	Not Reported
Drilling Method:	U	LATITUDE C:	Not Reported
LICENSE NO:	1004	Grout Type:	Not Reported
Lat/Lon Method:	N		
LATITUDE:	Not Reported	REPLACE WE:	Y
GROUT TOP:	0	Pump Type:	NO
SCREEN BOT:	0	WELL FINISH:	Not Reported
RETAIN WEL:	Not Reported		
QUAD:	SHA	SEPTIC PER:	1129-95S
PUMP TIME:	0		
SCREEN MAT:	Not Reported	ORG OWNER:	Not Reported
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NO		
Head (inches):	Not Reported		
Head (Above/Below):	A	DRBC BASIN:	NO
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported		
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

H54
ENE
1/2 - 1 Mile
Lower

DE WELLS 188547

X:	179996	Y:	68762.0
PERMIT NUM:	188547	LOCAL ID:	Lot 6
DGSID:	Not Reported	TAX MAP NU:	5-31-15-116
OWNER ID:	934CONTSL	MODIFIED G:	082-084
TOTAL DEPT:	70		
Purpose:	P	WELL USE:	D
DAILY USE:	.4		
DESIRED CA:	12		
DATE CONST:	Not Reported	DATE COMPL:	01/05/2003
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	60		
CASING DI1:	0		
CASING DI2:	4		
Casing Material:	N		
GRAVEL PA1:	60		
Drilling Method:	M	LONGITUDE C:	Not Reported
LICENSE NO:	257	LATITUDE C:	Not Reported
Lat/Lon Method:	N	Grout Type:	B
LATITUDE:	Not Reported		
GROUT TOP:	25		
SCREEN BOT:	70		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	1		
SCREEN MAT:	P	WELL FINISH:	Not Reported
SWL ABOVE:	B		
STATIC WAT:	9		
Well Head Type:	NO		
Head (inches):	10		
Head (Above/Below):	A	SEPTIC PER:	185937
SCREEN TOP:	60		
SCREEN DIA:	4		
PUMP RATE:	10		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	9		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	50		
NON GROUT2:	30		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	70		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin: 304
 CASING MAT: Not Reported
 CASING TO1: 0
 CASING TO2: 0

DATE SWL M: 01/05/2003

J55
ENE
 1/2 - 1 Mile
 Lower

DE WELLS 165838

X: 179918.50	Y: 68913.26
PERMIT NUM: 165838	LOCAL ID: Lot 23
DGSID: Not Reported	TAX MAP NU: 5-31-15-133
OWNER ID: 956DELMFM	MODIFIED G: 082-084
TOTAL DEPT: 50	
Purpose: P	WELL USE: D
DAILY USE: .4	
DESIRED CA: 20	
DATE CONST: Not Reported	DATE COMPL: 07/09/1999
DATE ABAND: Not Reported	AQUIFER: U
FORMATION: U	Abandon Method: NO
Replaced Reason: NO	
ALTITUDE: 0	
ALT Method: N	
CASING BO1: 40	
CASING BO2: 0	
CASING DI1: 4	
CASING DI2: 0	
Casing Material: P	
GRAVEL PA1: 35	
Drilling Method: M	LONGITUDE C: Not Reported
LICENSE NO: 1051	
Lat/Lon Method: N	LATITUDE C: Not Reported
LATITUDE: Not Reported	Grout Type: B
GROUT TOP: 35	
SCREEN BOT: 50	
RETAIN WEL: Not Reported	REPLACE WE: Not Reported
QUAD: SHA	Pump Type: ST
PUMP TIME: 1	
SCREEN MAT: P	WELL FINISH: Not Reported
SWL ABOVE: B	
STATIC WAT: 10	
Well Head Type: PA	
Head (inches): 12	
Head (Above/Below): A	SEPTIC PER: 163706
SCREEN TOP: 40	
SCREEN DIA: 4	
PUMP RATE: 25	
PUMP RATED: 10	
PUMP INTAK: 35	
PUMPING WA: 22	
PRE OWNER: Not Reported	ORG OWNER: Not Reported
NON GROUT: 0	
NON GROUT2: 0	
LONGITUDE: Not Reported	
GROUT FROM: 0	
GRAVEL PA2: 50	
GRAVEL PA3: Not Reported	DRBC BASIN: NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	07/09/1999
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

J56
ENE
1/2 - 1 Mile
Lower

DE WELLS 168216

X:	179981	Y:	68809.5
PERMIT NUM:	168216	LOCAL ID:	Lot 5
DGSID:	Not Reported	TAX MAP NU:	5-31-15-115
OWNER ID:	973READB	MODIFIED G:	082-084
TOTAL DEPT:	75		
Purpose:	P	WELL USE:	D
DAILY USE:	2		
DESIRED CA:	25		
DATE CONST:	Not Reported	DATE COMPL:	10/13/1999
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	IW		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	62		
CASING BO2:	0		
CASING DI1:	4		
CASING DI2:	0		
Casing Material:	P		
GRAVEL PA1:	50		
Drilling Method:	M	LONGITUDE C:	Not Reported
LICENSE NO:	608	LATITUDE C:	Not Reported
Lat/Lon Method:	N	Grout Type:	B
LATITUDE:	Not Reported		
GROUT TOP:	40		
SCREEN BOT:	72		
RETAIN WEL:	Not Reported	REPLACE WE:	Y
QUAD:	SHA	Pump Type:	GO
PUMP TIME:	1.5		
SCREEN MAT:	P	WELL FINISH:	Not Reported
SWL ABOVE:	B		
STATIC WAT:	12		
Well Head Type:	PA		
Head (inches):	12		
Head (Above/Below):	A	SEPTIC PER:	164956
SCREEN TOP:	62		
SCREEN DIA:	4		
PUMP RATE:	60		
PUMP RATED:	25		
PUMP INTAK:	50		
PUMPING WA:	27		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	72		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	10/13/1999
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

J57
ENE
1/2 - 1 Mile
Lower

DE WELLS 167583

X:	179986	Y:	68804.2
PERMIT NUM:	167583	LOCAL ID:	lot 5
DGSID:	Not Reported	TAX MAP NU:	5-31-15-115
OWNER ID:	973READB	MODIFIED G:	082-084
TOTAL DEPT:	60		
Purpose:	P	WELL USE:	D
DAILY USE:	.4		
DESIRED CA:	15		
DATE CONST:	Not Reported	DATE COMPL:	Not Reported
DATE ABAND:	Not Reported	AQUIFER:	Not Reported
FORMATION:	Not Reported	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0		
Drilling Method:	U	LONGITUDE C:	Not Reported
LICENSE NO:	1051	LATITUDE C:	Not Reported
Lat/Lon Method:	N	Grout Type:	Not Reported
LATITUDE:	Not Reported		
GROUT TOP:	0		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	0		
SCREEN MAT:	Not Reported	WELL FINISH:	Not Reported
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NO		
Head (inches):	8		
Head (Above/Below):	A	SEPTIC PER:	164956
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

J58
ENE
1/2 - 1 Mile
Lower

DE WELLS 184444

X:	179981	Y:	68815.7
PERMIT NUM:	184444	LOCAL ID:	Lot 4
DGSID:	Not Reported	TAX MAP NU:	5-31-15-114
OWNER ID:	956DELMFM	MODIFIED G:	082-084
TOTAL DEPT:	80		
Purpose:	P	WELL USE:	D
DAILY USE:	.3		
DESIRED CA:	10		
DATE CONST:	Not Reported	DATE COMPL:	Not Reported
DATE ABAND:	Not Reported	AQUIFER:	Not Reported
FORMATION:	Not Reported	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0		
Drilling Method:	U	LONGITUDE C:	Not Reported
LICENSE NO:	933	LATITUDE C:	Not Reported
Lat/Lon Method:	N	Grout Type:	Not Reported
LATITUDE:	Not Reported		
GROUT TOP:	0		
SCREEN BOT:	0	REPLACE WE:	Not Reported
RETAIN WEL:	Not Reported	Pump Type:	NO
QUAD:	SHA		
PUMP TIME:	0	WELL FINISH:	Not Reported
SCREEN MAT:	Not Reported		
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NO		
Head (inches):	8		
Head (Above/Below):	A	SEPTIC PER:	172777
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

J59
ENE
1/2 - 1 Mile
Lower

DE WELLS 177033

X:	179984	Y:	68925.4
PERMIT NUM:	177033	LOCAL ID:	IOT 2
DGSID:	Not Reported	TAX MAP NU:	5-31-15-112
OWNER ID:	934S&LC	MODIFIED G:	082-084
TOTAL DEPT:	120		
Purpose:	P	WELL USE:	D
DAILY USE:	.3		
DESIRED CA:	10		
DATE CONST:	Not Reported	DATE COMPL:	Not Reported
DATE ABAND:	Not Reported	AQUIFER:	Not Reported
FORMATION:	Not Reported	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0		
Drilling Method:	U	LONGITUDE C:	Not Reported
LICENSE NO:	Not Reported		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	Not Reported
GROUT TOP:	0		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	0		
SCREEN MAT:	Not Reported	WELL FINISH:	Not Reported
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NO		
Head (inches):	8		
Head (Above/Below):	A	SEPTIC PER:	174308-s
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

K60
ENE
1/2 - 1 Mile
Lower

DE WELLS 173827

X:	180018	Y:	68918.1
PERMIT NUM:	173827	LOCAL ID:	Lot 3
DGSID:	Not Reported	TAX MAP NU:	5-31-15-113
OWNER ID:	956DELMFM	MODIFIED G:	082-084
TOTAL DEPT:	70		
Purpose:	P	WELL USE:	D
DAILY USE:	.5		
DESIRED CA:	18		
DATE CONST:	Not Reported	DATE COMPL:	08/10/2000
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	60	LONGITUDE C:	Not Reported
CASING BO2:	0		
CASING DI1:	4	LATITUDE C:	Not Reported
CASING DI2:	0	Grout Type:	B
Casing Material:	P		
GRAVEL PA1:	50	REPLACE WE:	Not Reported
Drilling Method:	M	Pump Type:	GO
LICENSE NO:	608		
Lat/Lon Method:	N	WELL FINISH:	Not Reported
LATITUDE:	Not Reported		
GROUT TOP:	50	SEPTIC PER:	171383
SCREEN BOT:	70		
RETAIN WEL:	Not Reported	ORG OWNER:	Not Reported
QUAD:	SHA		
PUMP TIME:	1		
SCREEN MAT:	P		
SWL ABOVE:	B		
STATIC WAT:	15		
Well Head Type:	PA		
Head (inches):	12		
Head (Above/Below):	A	DRBC BASIN:	NO
SCREEN TOP:	60		
SCREEN DIA:	4		
PUMP RATE:	30		
PUMP RATED:	18		
PUMP INTAK:	40		
PUMPING WA:	30		
PRE OWNER:	Not Reported		
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	70		
GRAVEL PA3:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin: 304
 CASING MAT: Not Reported
 CASING TO1: 0
 CASING TO2: 0

DATE SWL M: 08/10/2000

K61
ENE
1/2 - 1 Mile
Lower

DE WELLS 180463

X:	179994	Y:	68972.6
PERMIT NUM:	180463	LOCAL ID:	lot 1
DGSID:	Not Reported	TAX MAP NU:	5-31-15-111
OWNER ID:	934S&LCI	MODIFIED G:	082-084
TOTAL DEPT:	80	WELL USE:	D
Purpose:	P	DATE COMPL:	Not Reported
DAILY USE:	.3	AQUIFER:	Not Reported
DESIRED CA:	10	Abandon Method:	NO
DATE CONST:	Not Reported		
DATE ABAND:	Not Reported		
FORMATION:	Not Reported		
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0		
Drilling Method:	U	LONGITUDE C:	Not Reported
LICENSE NO:	Not Reported	LATITUDE C:	Not Reported
Lat/Lon Method:	N	Grout Type:	Not Reported
LATITUDE:	Not Reported		
GROUT TOP:	0		
SCREEN BOT:	0	REPLACE WE:	Not Reported
RETAIN WEL:	Not Reported	Pump Type:	NO
QUAD:	SHA	WELL FINISH:	Not Reported
PUMP TIME:	0		
SCREEN MAT:	Not Reported		
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NO		
Head (inches):	8	SEPTIC PER:	179174-S
Head (Above/Below):	A		
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

**62
NW
1/2 - 1 Mile
Higher**

DE WELLS 157304

X:	177461.55	Y:	69072.10
PERMIT NUM:	157304	LOCAL ID:	Well 1
DGSID:	Not Reported	TAX MAP NU:	5-31-14.00-59
OWNER ID:	9730DAYW	MODIFIED G:	078-088
TOTAL DEPT:	95	WELL USE:	R
Purpose:	P		
DAILY USE:	0	DATE COMPL:	06/03/1998
DESIRED CA:	350	AQUIFER:	U
DATE CONST:	Not Reported	Abandon Method:	NO
DATE ABAND:	Not Reported		
FORMATION:	U		
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N	LONGITUDE C:	Not Reported
CASING BO1:	40	LATITUDE C:	Not Reported
CASING BO2:	0	Grout Type:	B
CASING DI1:	4		
CASING DI2:	0	REPLACE WE:	Not Reported
Casing Material:	P	Pump Type:	NO
GRAVEL PA1:	30	WELL FINISH:	Not Reported
Drilling Method:	R		
LICENSE NO:	14	SEPTIC PER:	Not Reported
Lat/Lon Method:	N		
LATITUDE:	Not Reported		
GROUT TOP:	30		
SCREEN BOT:	90	ORG OWNER:	Not Reported
RETAIN WEL:	Not Reported		
QUAD:	SHA	DRBC BASIN:	NO
PUMP TIME:	1		
SCREEN MAT:	P		
SWL ABOVE:	A		
STATIC WAT:	10		
Well Head Type:	NO		
Head (inches):	24		
Head (Above/Below):	A		
SCREEN TOP:	40		
SCREEN DIA:	4		
PUMP RATE:	50		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	60		
PRE OWNER:	Not Reported		
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	95		
GRAVEL PA3:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	06/03/1998
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

63
South
1/2 - 1 Mile
Lower

DE WELLS 156114

X:	178924.02	Y:	66617.31
PERMIT NUM:	156114	LOCAL ID:	Cr 79
DGSID:	Not Reported	TAX MAP NU:	5-31-18-15
OWNER ID:	973WOODMC	MODIFIED G:	078-084
TOTAL DEPT:	67	WELL USE:	C
Purpose:	P		
DAILY USE:	0		
DESIRED CA:	15		
DATE CONST:	Not Reported	DATE COMPL:	01/29/1998
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	NW		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	57		
CASING BO2:	0		
CASING DI1:	2		
CASING DI2:	0		
Casing Material:	P		
GRAVEL PA1:	57		
Drilling Method:	M	LONGITUDE C:	Not Reported
LICENSE NO:	1004	LATITUDE C:	Not Reported
Lat/Lon Method:	N	Grout Type:	B
LATITUDE:	Not Reported		
GROUT TOP:	40		
SCREEN BOT:	67		
RETAIN WEL:	Not Reported	REPLACE WE:	Y
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	1		
SCREEN MAT:	P	WELL FINISH:	Not Reported
SWL ABOVE:	B		
STATIC WAT:	6		
Well Head Type:	NO		
Head (inches):	12		
Head (Above/Below):	A	SEPTIC PER:	Not Reported
SCREEN TOP:	57		
SCREEN DIA:	2		
PUMP RATE:	15		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	12		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	57		
NON GROUT2:	40		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	67		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	01/29/1998
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

64
WSW
1/2 - 1 Mile
Higher

DE WELLS 157306

X:	177291.86	Y:	67539.42
PERMIT NUM:	157306	LOCAL ID:	Well 3
DGSID:	Not Reported	TAX MAP NU:	5-31-15-1
OWNER ID:	973ODAYW	MODIFIED G:	074-086
TOTAL DEPT:	100		
Purpose:	P	WELL USE:	R
DAILY USE:	0		
DESIRED CA:	350		
DATE CONST:	Not Reported	DATE COMPL:	06/02/1998
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	30		
CASING BO2:	0		
CASING DI1:	4		
CASING DI2:	0		
Casing Material:	P		
GRAVEL PA1:	25		
Drilling Method:	R	LONGITUDE C:	Not Reported
LICENSE NO:	14		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	GROUT Type:	B
GROUT TOP:	25		
SCREEN BOT:	100		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	1		
SCREEN MAT:	P	WELL FINISH:	Not Reported
SWL ABOVE:	A		
STATIC WAT:	10		
Well Head Type:	NO		
Head (inches):	24		
Head (Above/Below):	A	SEPTIC PER:	Not Reported
SCREEN TOP:	30		
SCREEN DIA:	4		
PUMP RATE:	50		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	60		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	100		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	06/02/1998
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

**65
NNW
1/2 - 1 Mile
Higher**

DE WELLS 153488

X:	178133.95	Y:	69648.92
PERMIT NUM:	153488	LOCAL ID:	lot 3
DGSID:	Not Reported	TAX MAP NU:	5-31-12-246
OWNER ID:	973ROMEEA	MODIFIED G:	078-092
TOTAL DEPT:	55	WELL USE:	D
Purpose:	P		
DAILY USE:	.3	DATE COMPL:	11/12/1997
DESIRED CA:	12	AQUIFER:	U
DATE CONST:	Not Reported	Abandon Method:	NO
DATE ABAND:	Not Reported		
FORMATION:	U		
Replaced Reason:	NO		
ALTITUDE:	0		
ALT Method:	N	LONGITUDE C:	Not Reported
CASING BO1:	45	LATITUDE C:	Not Reported
CASING BO2:	0	Grout Type:	B
CASING DI1:	4		
CASING DI2:	0	REPLACE WE:	Not Reported
Casing Material:	P	Pump Type:	NO
GRAVEL PA1:	45	WELL FINISH:	Not Reported
Drilling Method:	M		
LICENSE NO:	257	SEPTIC PER:	Not Reported
Lat/Lon Method:	N		
LATITUDE:	Not Reported		
GROUT TOP:	20		
SCREEN BOT:	55	ORG OWNER:	Not Reported
RETAIN WEL:	Not Reported		
QUAD:	UNK		
PUMP TIME:	0		
SCREEN MAT:	P		
SWL ABOVE:	B		
STATIC WAT:	18		
Well Head Type:	NO		
Head (inches):	20		
Head (Above/Below):	A		
SCREEN TOP:	45		
SCREEN DIA:	4		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported		
NON GROUT:	45		
NON GROUT2:	20		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	55		
GRAVEL PA3:	N	DRBC BASIN:	UNK

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	304	DATE SWL M:	11/12/1997
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

66
NE
1/2 - 1 Mile
Lower

DE WELLS 44193

X:	179844	Y:	69322.3
PERMIT NUM:	44193	LOCAL ID:	Cr 542
DGSID:	Not Reported	TAX MAP NU:	44193
OWNER ID:	973INGRR	MODIFIED G:	082-088
TOTAL DEPT:	0	WELL USE:	D
Purpose:	P		
DAILY USE:	.4		
DESIRED CA:	10		
DATE CONST:	Not Reported	DATE COMPL:	08/24/1979
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	U	Abandon Method:	NO
Replaced Reason:	IW		
ALTITUDE:	0		
ALT Method:	N		
CASING BO1:	64		
CASING BO2:	0		
CASING DI1:	2		
CASING DI2:	0		
Casing Material:	P		
GRAVEL PA1:	64		
Drilling Method:	U	LONGITUDE C:	Not Reported
LICENSE NO:	4058		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	X
GROUT TOP:	0		
SCREEN BOT:	69		
RETAIN WEL:	Not Reported	REPLACE WE:	Y
QUAD:	SHA	Pump Type:	NO
PUMP TIME:	2		
SCREEN MAT:	P	WELL FINISH:	Not Reported
SWL ABOVE:	B		
STATIC WAT:	13		
Well Head Type:	NO		
Head (inches):	8		
Head (Above/Below):	A	SEPTIC PER:	Not Reported
SCREEN TOP:	64		
SCREEN DIA:	2		
PUMP RATE:	60		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	17		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	59		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	69		
GRAVEL PA3:	Not Reported	DRBC BASIN:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin: 304
CASING MAT: Not Reported
CASING TO1: 0
CASING TO2: 0

DATE SWL M: 08/24/1979

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

EPA Region 3 Statistical Summary Readings for Zip Code: 19973

Number of sites tested: 160.

Maximum Radon Level: 5.2 pCi/L.

Minimum Radon Level: 0.6 pCi/L.

<u>pCi/L</u> <u><4</u>	<u>pCi/L</u> <u>4-10</u>	<u>pCi/L</u> <u>10-20</u>	<u>pCi/L</u> <u>20-50</u>	<u>pCi/L</u> <u>50-100</u>	<u>pCi/L</u> <u>>100</u>
156 (97.50%)	4 (2.50%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Federal EPA Radon Zone for SUSSEX County: 3

- 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.

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.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

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

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

State Wetlands Data: Statewide Wetlands Mapping Project

Source: Dept. of Natural Resources & Environmental Conservation

Telephone: 302-739-4691

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

Delaware Water Well Data

Source: Department of Natural Resources and Environmental Conservation

Telephone: 302-739-4860

OTHER STATE DATABASE INFORMATION

RADON

State Database: DE Radon

Source: Division of Public Health

Telephone: 302-739-4731

Radon Screening Survey of Private Dwellings

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.

EPA Region 3 Statistical Summary Readings

Source: Region 3 EPA

Telephone: 215-814-2082

Radon readings for Delaware, D.C., Maryland, Pennsylvania, Virginia and West Virginia.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

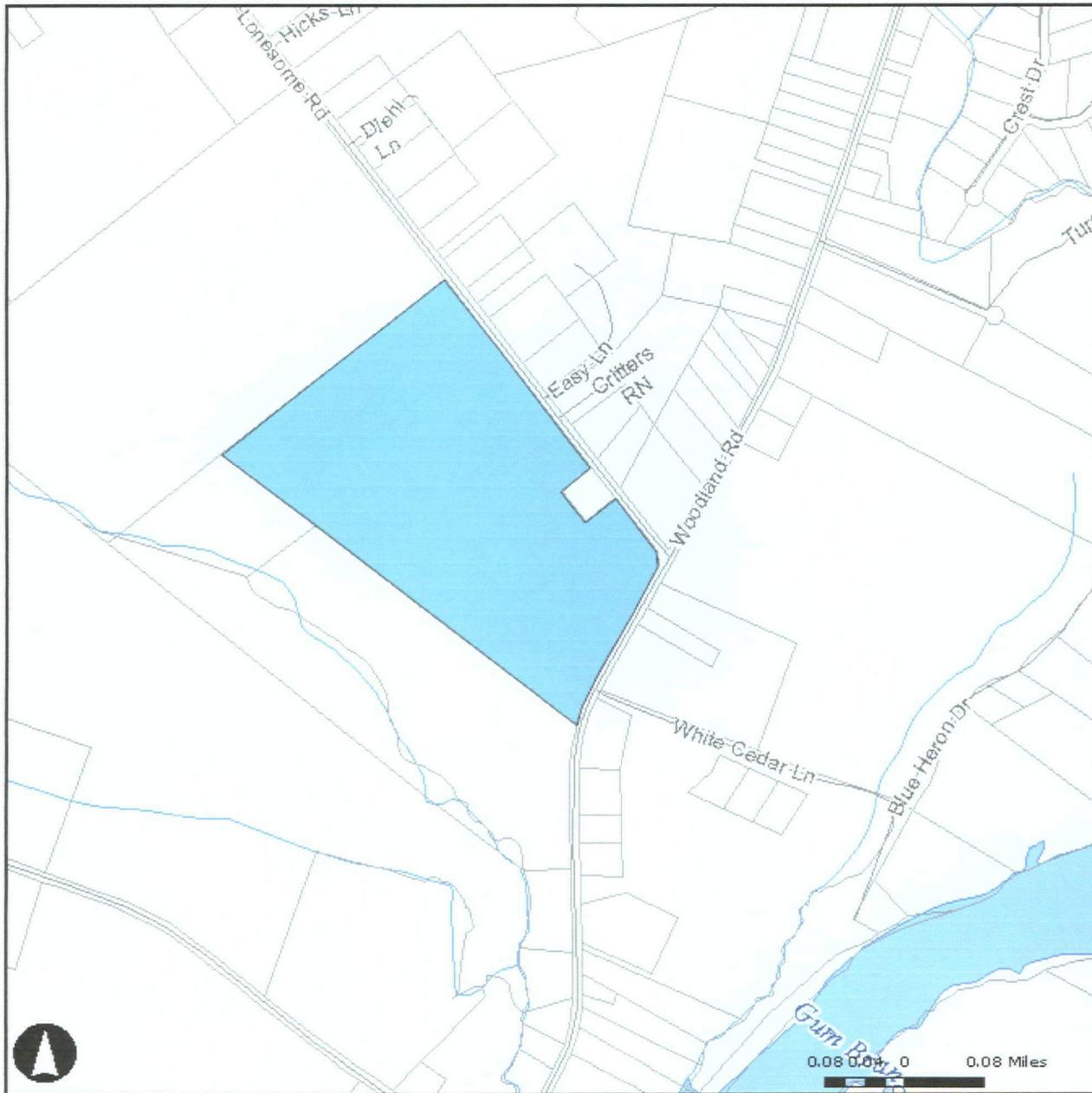
STREET AND ADDRESS INFORMATION

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APPENDIX D

**ADDITIONAL ENVIRONMENTAL
DATABASE REVIEW**

Map



Parcels Sussex

Leaking Tanks

Underground Storage Tanks

SIRB Sites

Solid and Hazardous Waste

Hazardous Waste
Corrective Action Site

SIRB Project Polygons
(continued)

- DOD
- EPA-R
- FUD
- HSCA
- LP
- NFA
- NPL
- PA
- PA/SI

Major Roads (continued)

- U
- UA
- UB

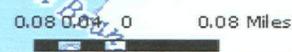
All Roads

New Castle County
Communities

Kent County Communities

Towns

States



Map

★ Hazardous Waste Generator	RCRA	Sussex County Communities
★ Infectious Waste	RENAME	Parcels New Castle
★ Salvage Yard	SW	<input type="checkbox"/>
★ Solid Waste Landfill	UST	Parcels Kent
★ Solid Waste Resource Recovery	VCP	<input type="checkbox"/>
★ Solid/Infectious Waste Transfer Station	WATER	Parcels Sussex
★ Unpermitted Landfills/Dumps	Major Roads	<input type="checkbox"/>
NPDES	— I	Counties
SIRB Project Polygons	— S	<input checked="" type="checkbox"/>
<input type="checkbox"/>	— SA	Rivers Lakes and Bays
<input type="checkbox"/> BPA I	— SB	<input type="checkbox"/>
<input type="checkbox"/> BPA II	— SS	Rivers and Streams
<input type="checkbox"/> BPAII		<input type="checkbox"/>

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APPENDIX E

HISTORIC TOPOGRAPHIC MAPS



Woodlands Site

27866 Woodland Road
Seaford, DE 19973

Inquiry Number: 2737205.4

April 06, 2010



The EDR Historical Topographic Map Report



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

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

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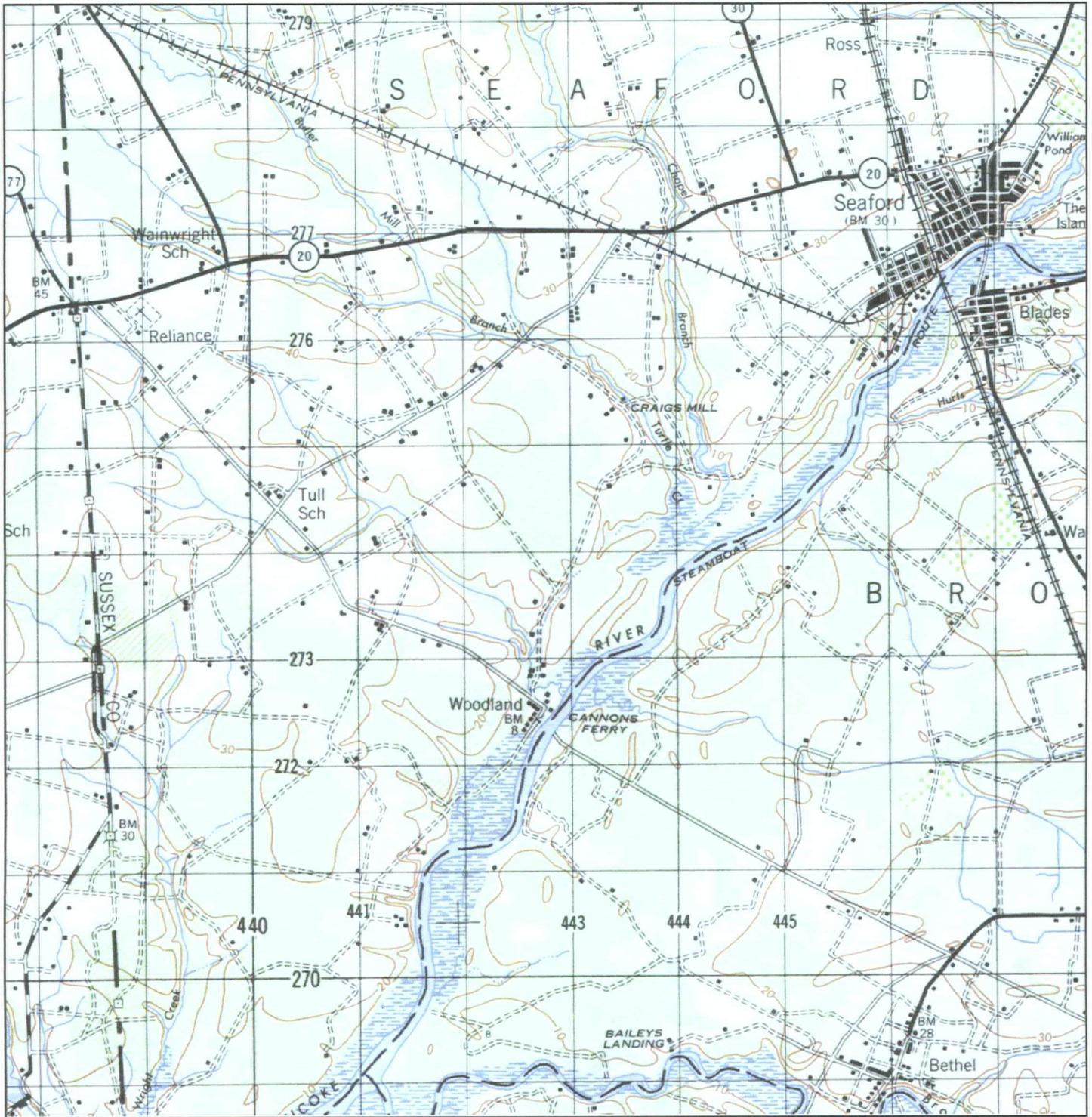
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Historical Topographic Map



	TARGET QUAD	SITE NAME: Woodlands Site	CLIENT: Duffield Associates, Inc.
	NAME: SEAFORD	ADDRESS: 27866 Woodland Road	CONTACT: Jen Gresh
	MAP YEAR: 1915	Seaford, DE 19973	INQUIRY#: 2737205.4
	SERIES: 15	LAT/LONG: 38.6139 / 75.6609	RESEARCH DATE: 04/06/2010
	SCALE: 1:62500		

Historical Topographic Map



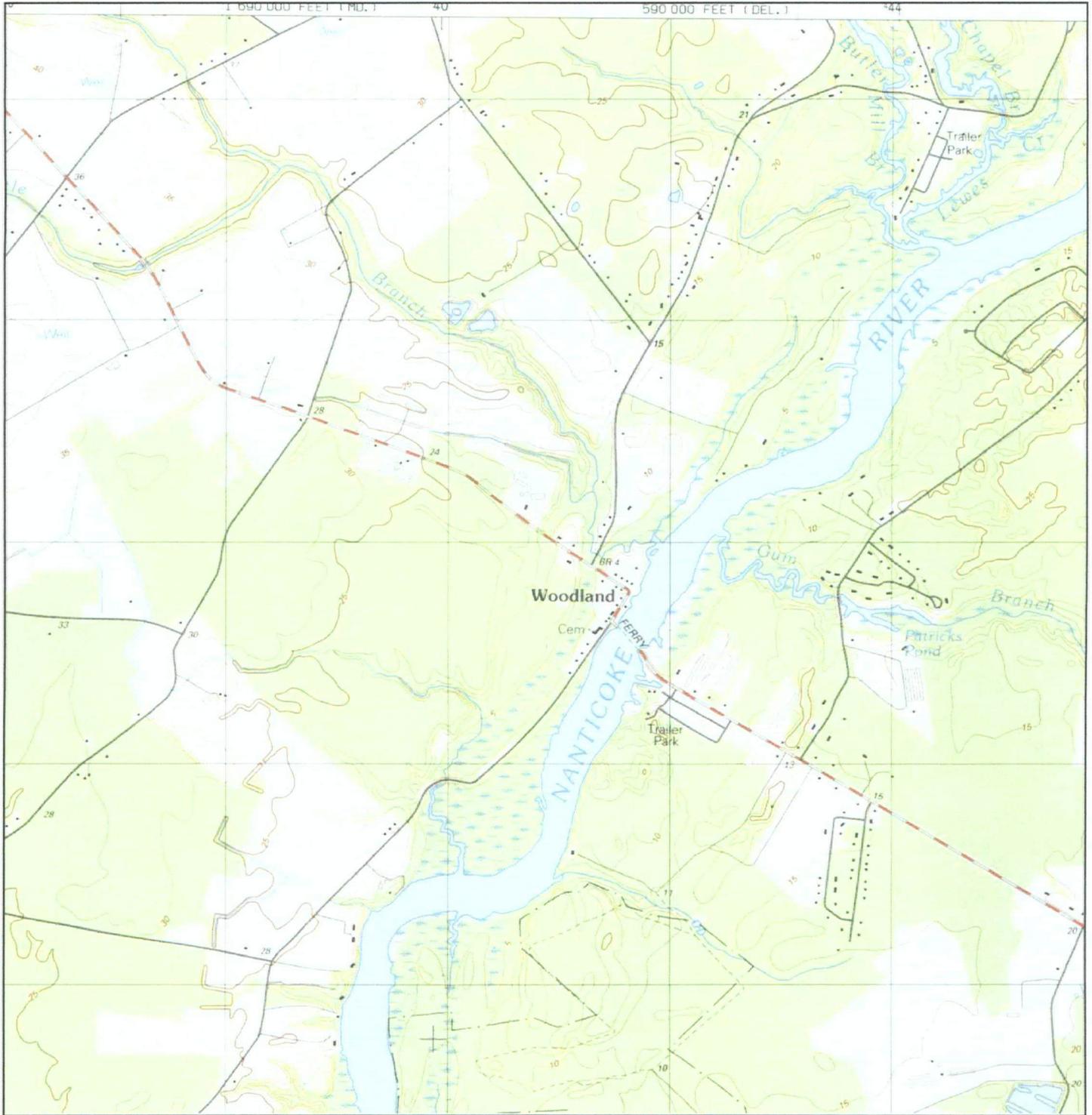
<p>N ↑</p>	<p>TARGET QUAD NAME: SEAFORD MAP YEAR: 1948</p>	<p>SITE NAME: Woodlands Site ADDRESS: 27866 Woodland Road Seaford, DE 19973</p>	<p>CLIENT: Duffield Associates, Inc. CONTACT: Jen Gresh INQUIRY#: 2737205.4</p>
	<p>SERIES: 15 SCALE: 1:50000</p>	<p>LAT/LONG: 38.6139 / 75.6609</p>	<p>RESEARCH DATE: 04/06/2010</p>

Historical Topographic Map



<p>N ↑</p>	TARGET QUAD	SITE NAME:	Woodlands Site	CLIENT:	Duffield Associates, Inc.
	NAME: SHARPTOWN	ADDRESS:	27866 Woodland Road	CONTACT:	Jen Gresh
	MAP YEAR: 1986		Seaford, DE 19973	INQUIRY#:	2737205.4
	PHOTOREVISED FROM: 1955	LAT/LONG:	38.6139 / 75.6609	RESEARCH DATE:	04/06/2010
	SERIES: 7.5				
	SCALE: 1:24000				

Historical Topographic Map



N ↑	TARGET QUAD	SITE NAME:	Woodlands Site	CLIENT:	Duffield Associates, Inc.
	NAME: SHARPTOWN	ADDRESS:	27866 Woodland Road	CONTACT:	Jen Gresh
	MAP YEAR: 1992		Seaford, DE 19973	INQUIRY#:	2737205.4
	SERIES: 7.5	LAT/LONG:	38.6139 / 75.6609	RESEARCH DATE:	04/06/2010
	SCALE: 1:24000				

APPENDIX F

SANBORN MAP SEARCH

Woodlands Site

27866 Woodland Road

Seaford, DE 19973

Inquiry Number: 2737205.3

April 05, 2010

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

4/05/10

Site Name:

Woodlands Site
27866 Woodland Road
Seaford, DE 19973

Client Name:

Duffield Associates, Inc.
5400 Limestone Road
Wilmington, DE 19808



EDR Inquiry # 2737205.3

Contact: Jen Gresh

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

Certified Sanborn Results:

Site Name: Woodlands Site
Address: 27866 Woodland Road
City, State, Zip: Seaford, DE 19973
Cross Street:
P.O. # 7864.EB-Task 001
Project: 7864.EB-Task 001
Certification # 5677-4CE7-BFF8



Sanborn® Library search results
Certification # 5677-4CE7-BFF8

UNMAPPED PROPERTY

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

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

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

The Sanborn Library LLC Since 1866™

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APPENDIX G
HISTORIC AERIAL PHOTOGRAPHS



State of Delaware

2007



Scale 1:12,009

0 0.04 0.09 0.18
Kilometers

0 325 650 1300
Feet



Magnetic Declination
Approx. 11 mils

DataMIL Mini Map



Data on map are based on Delaware framework data layers. The Delaware DataMIL is maintained by the Delaware Geological Survey (DGS) and served via the Delaware Department of Technology and Information (DTI) internet.



State of Delaware

2002



75°39'0"W

38°37'30"N

38°37'30"N



75°39'0"W

Scale 1:12,013

0 0.04 0.09 0.18
Kilometers

0 325 650 1300
Feet

Data on map are based on Delaware framework data layers. The Delaware DataMIL is maintained by the Delaware Geological Survey (DGS) and served via the Delaware Department of Technology and Information (DTI) internet.



Magnetic Declination
Approx. 11 mils

DataMIL Mini Map





State of Delaware

1997

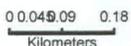


75°39'0"W



75°39'0"W

Scale 1:12,020



Data on map are based on Delaware framework data layers. The Delaware DataMIL is maintained by the Delaware Geological Survey (DGS) and served via the Delaware Department of Technology and Information (DTI) internet.



Magnetic Declination
Approx. 11 mils

DataMIL Mini Map





State of Delaware



1992

75°40'30"W

75°39'0"W



38°37'30"N

38°37'30"N

38°36'0"N

38°36'0"N

75°40'30"W

75°39'0"W

Scale 1:24,003



Data on map are based on Delaware framework data layers. The Delaware DataMIL is maintained by the Delaware Geological Survey (DGS) and served via the Delaware Department of Technology and Information (DTI) internet.



Magnetic Declination
Approx. 11 mils

DataMIL Mini Map





State of Delaware

1968



75°40'30"W

75°39'0"W

38°37'30"N

38°37'30"N

38°36'0"N

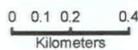
38°36'0"N

75°40'30"W

75°39'0"W



Scale 1:24,009



Magnetic Declination
Approx. 11 mils

DataMIL Mini Map



Data on map are based on Delaware framework data layers. The Delaware DataMIL is maintained by the Delaware Geological Survey (DGS) and served via the Delaware Department of Technology and Information (DTI) internet.



State of Delaware



1961

75°40'30"W

75°39'0"W



Scale 1:24,009



Magnetic Declination
Approx. 11 mils

DataMIL Mini Map



Data on map are based on Delaware framework data layers. The Delaware DataMIL is maintained by the Delaware Geological Survey (DGS) and served via the Delaware Department of Technology and Information (DTI) internet.



State of Delaware



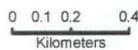
75°40'30"W

1954

75°39'0"W



Scale 1:24,009



Magnetic Declination
Approx. 11 mils

DataMIL Mini Map



Data on map are based on Delaware framework data layers. The Delaware DataMIL is maintained by the Delaware Geological Survey (DGS) and served via the Delaware Department of Technology and Information (DTI) internet.



State of Delaware

1937



75°40'30"W

75°39'0"W

38°37'30"N

38°37'30"N

38°36'0"N

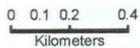
38°36'0"N

75°40'30"W

75°39'0"W



Scale 1:24,011



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Magnetic Declination
Approx. 11 mils

DataMIL Mini Map



APPENDIX H

**QUALIFICATION(S) OF ENVIRONMENTAL
PROFESSIONAL(S)**

Jennifer L. Gresh, P.G.

Environmental Project Manager/Environmental Professional

Duffield Associates, Inc.

Professional Registration	Professional Geologist – Delaware Professional Geologist-Pennsylvania
Education	M.S., Geology, University of Delaware, 2002 B.S., Geology, Temple University, 1998
Training/Registrations	EPA AHERA Building Inspector EPA AHERA Supervisor Delaware Asbestos Project Monitor City of Philadelphia Asbestos Investigator 40 Hour OSHA Hazardous Materials Operations

Background/Skills

Ms. Gresh has over 9 years of environmental experience. She is responsible for project management, planning, and technical issues for environmental projects. In her capacity as an Environmental Project Manager, Ms. Gresh oversees Phase I and II Environmental Site Assessments, remedial investigation/feasibility studies, health and safety plans, operation and maintenance plans, spill prevention and countermeasure control plans, stormwater plans, aboveground and underground storage tank removals and assessments, and environmental remediation/cleanup projects

Selected Project Experience

Project Manager – Christiana Care Health System Spill Response and AST Audit, Newark, DE

Approximately 1,500 gallons of No. 2 fuel oil was released to an on-site storm water management basin. Ms. Gresh monitored cleanup activities, provided liaison services to DNREC for the facility owner, and prepared a site closure report to the satisfaction of DNREC. In response to the release, DNREC conducted an audit of the management of the facility's ASTs. In response to this audit, Ms. Gresh assisted the facility with achieving compliance, which included, but not limited to, tank inspections, training, and preparation of an integrated Spill Prevention and Countermeasure Control (SPCC) Plan and Release Preparedness Plan.

Project Manager- Holy Spirit Roman Catholic Church, New Castle, DE

Duffield Associates was retained to conduct a Tier I Site Investigation after analytic results indicated that petroleum hydrocarbons remained in site soils at concentrations exceeding the State of Delaware Tier 0 Action Levels after the removal of a 2,000-gallon heating oil underground storage tank (UST). Ms. Gresh prepared a Work Plan in accordance with the requirements established by the Delaware Risk-Based Corrective Action Program (DERBCAP), managed the site investigation, and prepared the final report. A No Further Action letter was provided by DNREC for this project.

Project Manager – Donovan Site Brownfield Investigation, Lewes, DE

This property was formerly utilized as an unpermitted landfill. Previous investigations have indicated the presence of petroleum hydrocarbons in fill materials at the site. As the Project Manager, Ms. Gresh prepared a work plan and site specific health and safety plan to conduct site soil and groundwater investigations to support the redevelopment plans of the property to town houses. The work plan was approved by the applicable regulatory agency and Ms. Gresh is currently managing the site investigations.

Project Manager- Basher Lane Emergency Response

The Basher Lane site is a Brownfield Redevelopment project. During construction of an access lane on the property, soils were excavated that were geotechnical unsuitable. During excavation, free-phase petroleum was observed seeping from the sidewalls of the excavation. Ms. Gresh prepared and implemented an (approved) Interim Response Work Plan which included characterization of soils for disposal purposes, excavation and recycling/disposal of environmentally impacted soils, and confirmatory soil sampling. Groundwater sampling was also performed. The final report documenting site activities for this project has recently been approved by DNREC.

Project Geologist – Former Timmons Marina Brownfield Investigation, Dagsboro, DE

Proposed redevelopment activities of this property involved rehabilitation of an existing marina and conversion of the agricultural lands to residential lots. As such, this project involved both marina and dredging permit issues and potential soil and groundwater issues. Ms. Gresh developed the sampling and analysis approach for both the land-based and estuary-based investigations and coordinated site activities with the applicable regulatory agency. Ms. Gresh assessed the laboratory analytical data in the context of regulatory requirements and the geological setting, and prepared the Brownfield Investigation Report.

Project Geologist - Phase II Site Assessment and Asbestos Evaluation, Confidential Client, Newark, NJ

This project included a nine story building and a three story building formerly used as a telephone facility and a restaurant, respectively. Ms. Gresh performed the sampling and evaluation of the Asbestos Containing Materials. Asbestos was found in pipe insulation, floor tiles, roofing materials, wire insulation, and plaster. She directed the asbestos evaluation and assisted with the abatement specifications. Additionally, she coordinated the subcontractor lead-based paint survey and abatement process.

Project Geologist- Multiple Tasks, Blue Ball Dairy Barn, Wallace Roberts & Todd, Wilmington, DE

Ms. Gresh performed a Pre-renovation Environmental Assessment for the adaptive reuse of a historical site in Delaware. The assessment includes a Phase I Environmental Site Assessment, asbestos survey, lead-based paint survey, and soil sampling. Subsequent work included asbestos abatement, lead-paint removal, and arsenic and lead-impacted soil delineation and removal under the Delaware Hazardous Substance Act. Ms. Gresh performed sampling, statistically reviewed the analytic testing data, coordinated subcontractors, prepared asbestos abatement specifications, provided field oversight and prepared reports.

Project Geologist - Phase I, Phase II Environmental Investigations, Remedial Investigation and Risk Assessment, Property Development, Confidential Client, PA

The 75-acre property was found to contain a buried pesticide disposal area. Environmental investigations included test pits, installation of groundwater monitoring wells, surface water sampling, and sediment sampling. This work was performed under the guidance of a site-specific health and safety plan and remedial investigation work plan. Laboratory analysis indicated that the soil characterized as a RCRA hazardous waste. Ms. Gresh performed the site investigations, worked with client, and assisted in writing the health and safety plan, work plan, and report.

Project Geologist - Environmental Site Assessments, Multiple Clients, Wilmington, Delaware

As Project Geologist, Ms. Gresh performed numerous Phase I Environmental Site Assessments (ESA). Types of properties included: a wooded lot for a property transfer, a parking lot for an automobile dealership and residential townhouses. The ESAs included a review of current site conditions, historical documents, and regulatory environmental documentation. Ms. Gresh is the client contact for all noted ESAs.

Project Geologist - Phase I Environmental Site Assessment, Property Development, Confidential Client, DE

The 75 acre estate property was found to contain Underground Storage Tanks and potential asbestos containing materials. Additional observations noted potential environmentally impacted soils due to proximity to railroad tracks and suspected lead-based paint on the building structures. Ms. Gresh performed the site survey, worked with client, and wrote the report.

Project Geologist - Asbestos Abatement, Jewish Community Center, Newark, DE

The project included an asbestos evaluation at the Jewish Community Center building. Asbestos-containing building materials (ACBM) in the form of pipe insulation, floor coverings, and plasters were identified in the building. As Project Monitor, Ms. Gresh assisted with the asbestos identification, technical specification preparation, bid solicitation, and project coordination. Ms. Gresh, as the Project Monitor, reviewed air monitoring and documentation during the asbestos removal work.

Project Geologist - St. Michael's School and Nursery Asbestos and Lead-based Paint Abatement, Wilmington, DE

Ms. Gresh conducted the asbestos survey, assisted in preparation of the technical specifications for asbestos abatement, and assisted with lead-based paint abatement activities to prepare the building for renovations. Asbestos containing materials were found on the floor tiles and pipe insulation and were removed prior to interior demolition work. Lead-based paint was located on the exposed structural steel. Lead abatement was performed to Delaware Dept of Health Standards.

Project Geologist - Environmental Assessment, Delaware Army National Guard, Fort DuPont, DE

Duffield Associates was retained to perform an environmental assessment under the requirements of the National Environmental Policy Act (NEPA) for a federally funded project. To perform the assessment Ms. Gresh reviewed the Environmental Baseline Study prepared by others and gathered and assembled information from the appropriate state agencies to complete the environmental assessment. The completion of this assessment allowed the project to move forward to the satisfaction of the Delaware Army National Guard.

Project Geologist - Spill Prevention and Countermeasure Control Plan and Stormwater Management Plan, Lewes Ferry Terminal, Delaware River & Bay Authority, Lewes, DE, 2005

This project included an approximate 11-acre facility with office buildings and a ferry terminal. Ms. Gresh performed the site review, interviewed site personnel, assembled information, reviewed the pertinent regulations, and assisted in preparation of SPCC and Stormwater Management plans. Additionally, she provided the training for the Lewes Ferry Terminal personnel to assist them in implementation of the environmental plans.