PHASE I ENVIRONMENTAL SITE ASSESSMENT

Washington County Board of Commissioners Property
14616 Pennsylvania Avenue
Hagerstown, Maryland 21742

Triad Project No. 03-22-0777

Prepared For:
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November 21, 2022

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APPENDICES

1.0 EXECUTIVE SUMMARY

Triad Engineering, Inc. (Triad) has prepared this Phase I Environmental Site Assessment (Phase I ESA) for the Washington County Board of Commissioners Property located at 14616 Pennsylvania Avenue Hagerstown, Maryland 21742 (the subject property). This report was prepared in confidence at the request and for the sole use of Airport Design Consultants, Inc. (the User). This Phase I ESA was conducted in general conformance with the Standard Practice for Environmental Site Assessments: Phase I ESA Process, hereafter referred to as the American Society for Testing and Materials (ASTM) Standard Practice, as defined by the Designation E1527-21. Any exceptions to or deviations from this practice are described in Section 10.0.

General Information	
Subject Property Name:	Washington County Board of Commissioners Property
Address/Location:	14616 Pennsylvania Avenue Hagerstown, Maryland 21742 A vicinity map is included in the appendices.
Total Acreage:	Approximately 0.18 acres
Tax/Property ID Number(s):	Tax Map 10, Parcel 76
Latitude/Longitude:	North 39.7168579 / West -77.72404 Datum WGS84
Date First Developed:	1940
Previous Use:	Single-Family Residential
Current Use:	Vacant Single-Family Residential
Existing Improvements:	Approximate 1,200 square foot single-family dwelling and detached two-car garage.
Federal or State Database Listings:	Neither the subject property nor any adjoining properties are listed in databases that are Standard Environmental Record Sources per ASTM Practice E1527.
Site Reconnaissance:	Access to the subject property was unrestricted and a site reconnaissance was performed on November 18, 2022. Photographs of the current on-site conditions and uses are included in this report in the appendices.
Petroleum Products or Hazardous Substances:	No petroleum products or hazardous substances were identified in relation to the subject property as part of this assessment.

1.1 Findings, Opinions, and Conclusions

Triad has performed this Phase I ESA for the subject property in general conformance with the scope and limitations of ASTM Practice ASTM E1527-21. The purpose of the Phase I ESA is to identify Recognized Environmental Conditions (RECs), Controlled Recognized

Environmental Conditions (CRECs), and Historical Recognized Environmental Conditions (HRECs) and *de minimis* conditions which are defined in Section 10.1. Any exceptions to, or deviations from, this practice are described in Section 10.0 of this report.

Based on the information gathered and reviewed from the State and Federal regulatory databases, historical sources, and our site visit, it is our professional opinion that there are no RECs, CRECs, HRECs, or *de minimis* conditions at the subject property. In addition, no significant data gaps were encountered during the Phase I ESA.

These conclusions represent the best judgment of Triad based on the data obtained from the work. The contents hereof may not be used or relied upon by any other party other than those enumerated without the express written consent of Triad Engineering, Inc. and the User. Any use or reliance by a third party shall be at that party's sole risk. Due to the nature of the investigation and the limited data available, Triad cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be construed as legal advice. Should additional information become available, which differs significantly from our understanding of conditions presented in this report, we request that this information be brought to our attention so that we may reassess the conclusions provided herein.

1.2 Validity

ASTM E1527-21 requires reporting the dates that certain components of the Phase I ESA were completed. The following Shelf Life Summary Table establishes the critical dates of this Phase I ESA and when the 180-day time period elapses based on the earliest of these critical dates. The ASTM standard states that a Phase I ESA which was completed less than 180 days prior to the date of acquisition of the subject property is presumed to be valid. Between 180 days and one year, the Phase I ESA needs to be updated, and beyond one year, it is no longer valid.

Phase I ESA Shelf Life Summary Table	
Report Item	**Date Completed**
User Questionnaire	November 15, 2022
Federal & State Environmental Database Search	November 9, 2022
Site Reconnaissance	November 18, 2022
Interview(s)	November 18, 2022
Environmental Professional(s) Declaration	November 21, 2022
Report Valid Until	May 8, 2023

1.3 Declaration

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

Patrick Upham
Environmental Scientist

Tim Kellerman
Senior Environmental Scientist

2.0 USER PROVIDED INFORMATION

The information provided in the User Questionnaire was used to complete this section. The User Questionnaire is included in the appendices.

User Information Summary Table	
User Name:	Airport Design Consultants, Inc.
Name of Preparer & Title:	Mr. Michael Pizza, PE - Project Manager
Date Completed:	November 15, 2022

	Question	User Response
1	Are you having the Phase I ESA performed to qualify for the landowner liability protections, including the Bona Fide Prospective Purchaser liability protection, available to purchasers under federal and state law? If no, please explain.	Yes - Current landowner (Washington County) liability protections for the demolition of the existing structures is desired. However, no exchange of ownership is taking place at this time nor anticipated in the future.
2	Did a search of land title records identify any environmental liens filed or recorded against the subject property under federal, tribal, state or local law?	No
3	Did a search of land title records identify any activity and use (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place at the subject property and/or have been filed or recorded against the subject property under federal, tribal, state or local law?	No
4	Do you have any specialized knowledge or experience related to the subject property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the subject property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?	No
5	In your opinion, does the purchase price being paid for this subject property reasonably reflect the fair market value of the property? If no, please explain.	No - No exchange in ownership takes place.
6	Are you aware of commonly known or reasonably ascertainable information about the subject property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user:	No
6a	Do you know the past uses of the subject property?	Yes, Residential
6b	Do you know of specific chemicals that are present or once were present at the subject property?	No

	Question	User Response
6c	Do you know of spills or other chemical releases that have taken place at the subject property?	No
6d	Do you know of any environmental cleanups that have taken place at the subject property?	No
7	As the User of this 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?	No
8	Do you have any other knowledge or experience with the subject property that may be pertinent to the environmental professional (for example, copies of any available prior environmental site assessment reports, documents, correspondence, etc., concerning the subject property and its environmental condition?	No

3.0 SUBJECT PROPERTY DESCRIPTION

A description of the key characteristics of the subject property is provided below. This description is derived from information provided by the User and information gathered during the site reconnaissance unless otherwise noted.

3.1 Subject Property Location

Name:	Washington County Board of Commissioners Property
Address/ Location:	14616 Pennsylvania Avenue Hagerstown, Maryland 21742 A site vicinity map is included in the appendices.
Location Description:	The subject property is located along the western side of U.S. Route 11 (Pennsylvania Avenue) south of Breeze Hill Drive and north of Henson Boulevard in Hagerstown, Washington County, Maryland.
Total Acreage:	Approximately 0.18 acres
Latitude/ Longitude:	North 39.7168579 / West -77.72404 Datum WGS84

3.2 Owner, Property Manager, and Occupant Information

Source:	Maryland Department of Assessments and Taxation (SDAT) website.
Property Owner:	Washington County Board of Commissioners
Property Manager:	Washington County Board of Commissioners
Occupant:	Vacant
Municipality/ County/State:	Washington County, Maryland
Tax/Property Id Numbers(s):	Tax Map 10, Parcel 76
Deed References:	1810/534

3.3 Description of Subject Site Structures and Improvements

Structures/ Improvements	Approximate 1,200 square foot single-family dwelling and detached two-car garage.
Age/Use/Type	1940/Vacant Single-Family Residential/Tax Exempt
Heating/Cooling Systems	Propane-fired, forced hot air furnace.
Utilities	Public water and sewer.

3.4 Subject Site and Vicinity Characteristics

Direction	Boundary Feature	Topographic Relation	Environmental Threat or Concern?
North	Undeveloped	Down-gradient	No
South	Residence	Up-gradient	No
East	Pennsylvania Avenue with undeveloped land, a residence, Bergey's Truck Center, and JLG Northeast Service Center beyond.	Up- and Down-gradient	No
West	Undeveloped	Down-gradient	No

3.5 Physical Setting Sources

Topography	
Source of Information	Environmental Risk Information Services, Inc. (ERIS) Physical Setting Report
Quadrangle	U.S. Geological Survey, 7.5-Minute Topographic Map, Mason and Dixon, Maryland-Pennsylvania, Maryland dated 1999
Elevation	Approximately 734.47 feet above Mean Sea Level (MSL).
Slope Direction	West/Southwest
Surface Water Bodies	There are no surface water bodies at the subject property.
Other Geographic Features	The 1999 USGS map depicts a residential-sized structure.
Floodplain	
Flood Map Information	24043C0128D, effective on 08/15/2017
100-Year Floodplain	The subject property is shown in an area of minimal flood hazard (Zone X).
Geology/Hydrogeology	
Source of Information	ERIS Physical Setting Report
Formation	Rockdale Run Formation - Upper one-third gray, mottled, cherty dolomite and dolomitic limestone; lower two-thirds gray, cherty argillaceous calcarenite and algal limestone with interbedded dolomite and oolitic limestone; thickness at least 1,700 feet east of Conococheague Creek, increases to about 2,500 feet in west.
Estimated Depth to Groundwater*	Approximately 20 to 30 feet below the ground surface.
Groundwater Flow Direction*	West/southwest based on slope direction.
*** It should be noted that the actual groundwater depth and flow direction are often influenced by factors such as soil and bedrock geology, groundwater wells, and other factors beyond the scope of this study.**	

4.0 HISTORICAL USE INFORMATION

A summary of historical information obtained for the subject property is included in the following sections.

4.1 Historical Records Sources and Availability

The table below summarizes the available historical sources for review.

Historical Records Source	Record Source	Dates of Record Sources Reviewed
Historical Aerials	Environmental Risk Information Services, Inc. (ERIS)	1938-2021
Topographic Maps	ERIS	1909-2019
Fire Insurance Maps	ERIS	No Records Found
City Directory	ERIS	1922-2022

4.2 Historical Use of the Subject Property

Based upon a review of the available historical record sources listed above, interviews, and site observations, the previous uses of the subject property are summarized in the table below.

Summary of Historical Use at the Subject Property			
Year	**Use**	**Historical Source**	**Environmental Threat or Concern?**
1940-present	Residence	All Sources	No

4.3 Historical Use on Adjoining Properties

The ASTM E1527 Standard defines adjoining properties as “any real property or properties the border of which is contiguous or partially contiguous with that of the subject property, or that would be contiguous or partially contiguous with that of the subject property but for a street, road, or other public thoroughfare separating them.” Based on a review of available historical record sources listed above, interviews, and site observations, the previous uses of adjoining properties are summarized in the table below.

Summary of Historical Use on Adjoining Properties			
Year	**Use**	**Historical Source**	**Environmental Threat or Concern?**
1940 - present	Primarily undeveloped or residential. Commercial/industrial development is visible southeast of the subject property starting in c. 1980.	All Sources	No

4.4 Review of Prior Environmental Reports or Investigations

No prior environmental reports were available for review.

4.5 Historically Significant or Environmental Findings

No RECs were identified for the subject property from the review of available historical sources.

5.0 RECORDS REVIEW

5.1 Standard Environmental Records Database Summary

A regulatory agency database search report was obtained from Environmental Risk Information Services, Inc. (ERIS), a third-party environmental database search firm on November 9, 2022 (Order No.22110700154). Triad reviewed the database listings to evaluate the potential for on-site or off-site conditions that may pose a potential impact to the subject property. The following table is a summary of the properties identified by the ERIS database report. Databases searched by ERIS that did not contain listings for any properties within the search radii are not included in the following table but are listed in the database report. A copy of the ERIS Database report is attached in the appendices**.**

Regulatory Report Summary

Database	Search Radius	Target Property	Within 0.12mi	0.12mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
AST	0.25	0	1	-	-	-	1
BROWNFIELDS	0.5	0	0	1	-	-	1
OCP	0.5	0	3	6	-	-	9
RCRA NON GEN	0.25	0	2	-	-	-	2
RCRA SQG	0.25	0	2	-	-	-	2
RCRA VSQG	0.25	0	1	-	-	-	1
SHWS	1.0	0	0	1	1	-	2
UST	0.25	0	2	-	-	-	2

5.2 Subject Property Environmental Records Database Summary

Triad reviewed the regulatory information provided in the database report to identify listed facilities located within the approximate minimum search distances. The subject property was not listed in the regulatory database report.

5.3 Off-Site Properties Environmental Records Database Summary

Off-site properties are listed in the regulatory database report but they are not considered an environmental threat to the subject property at this time based on various factors such as the type of regulatory listing, distance, topographical position, information provided in the database report, and/or Triad's observations during the field reconnaissance.

5.4 Orphan Summary

The ERIS database report lists 12 orphan locations that were not mapped due to inadequate physical addresses. These listings were reviewed and are not a concern at this time.

6.0 LOCAL AGENCY RECORDS

As part of this Phase I ESA, Triad sent Freedom of Information Act (FOIA) requests to the Washington County Government and Health Department. Copies of the correspondences are included in the appendices.

7.0 SITE RECONNAISSANCE

7.1 Methodology and Limiting Conditions

The objective of the site reconnaissance was to observe and obtain information indicating the likelihood of identifying RECs in connection with the subject property. As part of the site reconnaissance activities, Triad obtained digital photographs to document current on-site conditions and use. These photographs are included in this report in the appendices.

Date of Reconnaissance	November 18, 2022
Field Assessor	Patrick Upham and Tim Kellerman
Weather Conditions	Sunny and 34ºF.
Property Escort	Mr. Jordan Leach
Observation Procedures	The site reconnaissance consisted of visual observations of the subject property and improvements (if any); adjoining properties as viewed from the property boundaries; and the surrounding area based on visual observations made from adjacent public thoroughfares. Building exteriors were observed along the perimeter from the ground unless described otherwise. Representative interior areas were observed as they were made safely accessible unless described otherwise.
Limiting Conditions	Access to the subject property was unrestricted.

7.2 On-site Observations

The following sections identify uses and current conditions observed on the subject property. Pursuant to ASTM Standard E1527, the environmental professional conducting the site reconnaissance is obligated to note the uses and conditions specified in the ASTM Standard to the extent visually and/or physically observed or obtained through interviews with knowledgeable parties during the reconnaissance. Each use or condition identified at the subject property is summarized in the following sections.

7.2.1 Site Operations, Processes, and Equipment

Observed?	Operations, Processes, and Equipment	Environmental Threat or Concern?
No	Industrial/Manufacturing Activities	No
No	Automobile or Auto Body Repair	No
No	Motor Fuel Dispensing Facility	No
No	Remedial Activities	No
No	Emergency Generators	No
No	Air Compressors	No

Observed?	Operations, Processes, and Equipment	Environmental Threat or Concern?
No	Hydraulic Lifts and Equipment	No
No	Dry Cleaning	No
No	Waste Treatment Systems and/or Water Treatment Systems	No
No	Other Processes or Equipment	No

7.2.2 Underground Chemical or Waste Storage, Drainage, or Collection Systems

Observed?	Underground Chemical or Waste Storage, Drainage, or Collections System	Environmental Threat or Concern?
No	Underground Storage Tanks or Ancillary UST Equipment	No
No	Sumps, Cisterns, Catch Basins and/or Dry Wells	No
No	Grease Traps	No
No	Septic Tanks and/or Leach Fields	No
No	Oil/Water Separators	No
No	Pipeline Markers	No
Yes	Interior Floor Drains	No
No	Other	No

Interior Floor Drains - Floor drains were observed in the basement of the residence. No staining or indications of misuse were observed in relation to the floor drains.

7.2.3 Aboveground Chemical or Waste Storage

Observed?	Aboveground Chemical or Waste Storage	Environmental Threat or Concern?
No	Aboveground Storage Tanks (ASTs) or Ancillary Equipment	No
No	Drums, Barrels and/or Containers greater than five gallons in capacity	No
No	Safety Data Sheets (SDS)	No
No	Treatment, Storage, and Disposal Facility (TSDF) Manifests/Bills	No
Yes	Automobile Tires	No
No	Batteries	No
No	Parts Washer	No
No	Other	No

Automobile Tires - Several used automobile tires were observed behind the detached garage. Used tires generally do not present a significant environmental concern, unless burned; however, they require proper disposal.

7.2.4 Electrical Transformers / PCB Equipment

Observed?	Electrical Transformers / PCBs	Environmental Threat or Concern?
No	Pad- or Pole-mounted Transformers and/or Capacitors	No
No	Other Equipment	No

7.2.5 Releases or Potential Releases

Observed?	Releases or Potential Releases	Environmental Threat or Concern?
No	Stressed Vegetation	No
No	Stained Soil	No
No	Stained Pavement or Similar Surface	No
No	Leachate and/or Waste Seeps	No
No	Illicit Trash, Debris and/or Other Waste Materials	No
No	Dumping or Disposal Areas	No
No	Construction/Demolition Debris and/or Dumped Fill Dirt	No
No	Surface Water Discoloration, Odor, Sheen, and/or Free-Floating Product	No
Yes	Strong, Pungent or Noxious Odors	No
No	Exterior Pipe Discharges and/or Other Effluent Discharges	No
No	Vapor Intrusion Concerns	No
No	Other	No

Strong, Pungent, or Noxious Odors - Sewer gas was apparent inside the residence, which is likely due to the sewer traps drying out.

7.2.6 Notable Site Features

Observed?	Notable Site Features	Environmental Threat or Concern?
No	Surface Water Bodies	No
No	Railroad Lines or Spurs	No
No	Quarries or Pits	No
No	Wells	No
No	Stormwater	No

Observed?	Notable Site Features	Environmental Threat or Concern?
No	Other Site Features	No

7.3 Off-Site Observations

The following table summarizes conditions observed on the adjoining and neighboring properties. If an environmental threat or concern is identified, a detailed explanation is provided.

Observed?	Off-site Observations	Environmental Threat or Concern?
No	Pits, Ponds, or Lagoons	No
No	Railroad Lines or Spurs	No
No	Septic System	No
No	Heavy Equipment	No
No	Drums or Storage Containers	No
No	Odors	No
No	Landfills or Dumping Activities	No
No	Wastewater Discharge	No
No	USTs/ASTs Systems and Piping	No
No	PCB-Containing Equipment and Transformers	No
No	Industrial/Manufacturing Activities	No
No	Hydraulic Lifts or Equipment	No
No	Wells	No
No	Remedial Activities	No
No	Stained Soils or Pavement	No
No	Leachate or Seeps	No
No	Stressed Vegetation	No
No	Chemical Spills or Releases	No
No	Surface Water Contamination	No
No	Oil/Gas Exploration or Refinery Operations	No
No	Farm Waste Concerns	No
No	Pesticides or Herbicides	No
No	Contaminant Migration	No
No	Regulated Substances	No
No	Other Environmental Concerns	No

8.0 INTERVIEWS

The following persons were contacted for interviews by Triad in an effort to obtain information regarding the current and historical occupants and uses of the subject property and surrounding properties.

Source	Name, Title, Organization	Comments
Property Owner	Mr. Jordan Leach, Facilities Manager	Triad interviewed Mr. Leach during the site reconnaissance regarding the subject property and he reported that he is not aware of any of the following: • now or former petroleum storage tanks; • soil or groundwater contamination; • environmental liens/activity and use limitations; or • any other environmental concerns.
Local Government Agency	N/A	No interviews with local government agencies were performed beyond the information requests discussed in Section 6.0.
Other	N/A	No other interviews were performed.

9.0 ADDITIONAL SERVICES

Triad subcontracted the Baxter Group to perform assessments for asbestos, lead, mercury, PCBs, and CFCs in relation to building materials and components, which will be provided under separate cover. Otherwise, no additional services were performed outside the scope and limitations of ASTM Practice E1527.

10.0 PROJECT INFORMATION

10.1 Purpose

The purpose of this Phase I Environmental Site Assessment (ESA) is to identify recognized environmental conditions ("RECs"), including historical recognized environmental conditions ("HRECs"), and controlled recognized environmental conditions ("CRECs") that may exist at the subject property with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and petroleum products as well as *de minimis* conditions. Therefore, as defined in *ASTM Practice E1527, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*:

> "this practice is intended to permit a *user* to satisfy one of the requirements to qualify for the *innocent landowner, contiguous property owner,* or *bona fide prospective purchaser* limitations on CERCLA liability (hereinafter, the *landowner liability protections,* or *LLPS*) that is, the practice that constitutes "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in 42 USC §9601(35)(B).

This Phase I ESA was conducted in general conformance with the Standard Practice for Environmental Site Assessments: Phase I ESA Process, hereafter referred to as the ASTM Standard Practice, as defined by the Designation E1527-21.

ASTM E1527 defines a "REC" as the presence or "likely" presence of Hazardous Substances or Petroleum Products in, on, or at the property:

1. Due to a release to the environment;
2. Under conditions indicative of a release; or
3. A material threat of a future release to the environment.

ASTM E1527 defines "likely" as "neither certain nor proved, but can be expected or believed based on the logic and experience of the environmental professional, available evidence, or both, as stated in the report to support the opinion given therein."

ASTM E1527 defines a "HREC" as a REC resulting from a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting

unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

ASTM E1527 defines a “CREC” as a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

As defined by ASTM, RECs can include hazardous substances or petroleum products present under conditions in compliance with laws if that presence represents a material threat of future release. The presence of hazardous substances or petroleum products is, however, not a REC if that presence is a *de minimis* condition. *De minimis* conditions generally do not present a threat to human health or the environment and generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

ASTM also considers the potential for a business environmental risk (BER), defined as a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of the Property, not necessarily limited to those environmental issues required to be investigated by the ASTM standard. Consideration of BERs may involve addressing one or more ASTM non-scope considerations.

10.2 Scope of Services

Triad performed the Phase I ESA in accordance with the scope and limitations of *ASTM Practice E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, unless otherwise described within this report.

As outlined in ASTM Practice E1527-21, Triad reviewed reasonably ascertainable and practically reviewable *Standard* and *Additional Environmental Record Sources* provided by Environmental Risk Information Services, Inc. (ERIS), *Physical Setting Sources,* which included the United States Geological Survey (USGS) 7.5-minute topographic quadrangle maps. In addition, Triad reviewed *Standard Historical Sources*, which included at a minimum, aerial photographs, historical topographic maps, fire insurance maps, and local street directories (city directories). Additionally, subject property information was obtained from State and Federal Agencies, property tax files, interviews, and the User, if available.

Triad performed field reconnaissance activities and obtained digital photographs to document current site conditions and to identify potential RECs. This Phase I ESA report documents the findings of our investigations and has been prepared in accordance with the provisions of ASTM Practice E1527.

This Phase I ESA was conducted in general accordance with the terms and conditions of Triad's Professional Services Agreement (PSA) with Airport Design Consultants, Inc..

Unless discussed differently in Section 9.0, our scope of services did not include an assessment for ASTM non-scope considerations and/or business environmental risk (BER) issues not included within the scope of ASTM Practice E1527, such as asbestos-containing materials, lead-based paint, Chinese drywall, evidence of mold, wetlands, etc. Likewise, unless discussed differently in Section 9.0, our scope of services for this Phase I ESA did not include testing for the above items or assessing or testing for petroleum or chemicals in soil or groundwater, ecological resources, or endangered species. In addition, our scope of services did not include determining the regulatory compliance of the subject property, the presence of cultural or historic resources, evaluating industrial hygiene, health and safety issues, indoor air quality, emerging contaminants, universal wastes, conducting a Vapor Encroachment Screen in accordance ASTM Guide E2600-15 or providing recommendations.

10.3 Significant Assumptions

Triad made reasonable efforts to inspect the subject property in general accordance with ASTM Practice E1527. Triad did not enter adjoining or adjacent properties but was able to visually observe adjoining and adjacent properties from the subject property and/or public roads. Therefore, it is assumed that adjoining land-uses were consistent with the activities that could be readily observed from the subject property and/or public roads.

It should be noted that this assessment did not include a complete audit of operational environmental compliance issues, or of any environmental management systems (EMS) that may exist for the site facility. Where required, the documents listed in the attachments were used as reference material for the completion of the Phase I ESA. Some of the information presented in this report was provided through existing documents and interviews. Although attempts were made whenever possible to obtain a minimum of two confirmatory sources of information, Triad in certain instances has been required to assume that the information provided is accurate.

10.4 Limitations and Exceptions

This report has been prepared by Triad for the exclusive use of the User(s) as identified in Section 1.0 to this Phase I ESA report. The opinions and conclusions expressed in this report are based upon the results of our Phase I ESA work tasks.

For the purposes of this Phase I ESA, the terms "subject property", "property", “subject site” and “site” refer to the land within the subject property boundaries. The term “general site vicinity” typically refers to properties within a one-mile radius of the subject property. The term “adjoining properties” refers to land contiguous to the subject property. "Adjoining properties" include properties with abutting property boundaries and properties that are across a street or alley from the subject property. The term “immediate site vicinity” or “neighboring properties” refers to land proximal to the subject property.

It is important to note that environmental evaluations are inherently limited in the sense that conclusions are drawn, and opinions are developed, in part, from information obtained from our limited research and visual observations. For these types of evaluations, it is often necessary to utilize information prepared by others and as such, Triad cannot be responsible for the accuracy of such information and we do not assume responsibility for conditions that were not divulged to us during the preparation of this report. It is also important to note that the preparation of this report does not mean that an all-exhaustive assessment was performed; only that which was necessary to comply with ASTM Practice E1527.

Our observations are based upon conditions visually apparent at the subject property at the time of our visit and are not intended to address specific subsurface soil and groundwater conditions, which can only be assessed by performing a detailed subsurface sampling program. Triad has considered the degree of obviousness of the presence or likely presence of contamination at the subject property and the ability to detect the contamination by appropriate investigation. Except for those environmental concerns identified in Section 1.0 to this report, Triad did not observe any conditions indicating the presence or likely presence of contamination at the subject property. The contents of this report should not be construed in any way to indicate Triad’s recommendations to purchase, sell, or develop the subject property.

Triad, by virtue of providing the services described in this report, does not assume the responsibility of the person(s) in charge of the subject property, or otherwise undertake responsibility for reporting to any local, state, or federal public agencies any conditions at the subject property that may present a potential danger to public health, safety, or the environment. In areas that require notification of local, state, or federal public agencies as required by law, it is the User's responsibility to so notify.

It should also be noted that our assessment is valid only at the time and locations investigated and that conditions within the subject property may vary with time. The nature and extent of these variations may only become evident during future investigations or development. This report was not and is not intended to establish the compliance status of the subject property with federal, state, or local environmental regulations. We have performed our services in general accordance with ASTM Practice E1527 for conducting a Phase I ESA and make no other warranty, either expressed or implied, as to the professional services and advice contained herein.

According to ASTM Practice E1527-21, a Phase I ESA completed less than 180 days prior to the date of acquisition of the subject property is presumed valid for up to one year. A Phase I ESA for which the information was collected or updated within one year of the date of acquisition of the subject property may be used, provided that the report is updated within 180 days of the date of purchase or intended transaction. Per the Standard, if a Phase I ESA or Phase I ESA Update is not completed within 12 months of the information collected, a new Phase I ESA is required. A Shelf Life Summary Table establishing the critical dates of this Phase I ESA Report is provided in Section 1.0.

10.5 Special Terms and Conditions

There were no special terms and conditions in-place regarding the findings, conclusions, or our expressed opinion regarding recognized environmental conditions potentially associated with the site.

10.6 User Reliance

Triad performed the Phase I ESA work tasks in general accordance with ASTM Practice E1527-21, unless otherwise noted in this report. As such, the User(s) may rely upon the findings of the Phase I ESA report, subject to the scope of services, significant assumptions, limitations and exceptions, and special terms and conditions as described in the Phase I ESA report. Triad emphasizes that this Phase I ESA does not guarantee that unobserved conditions, undocumented incidents, or information withheld concerning environmental conditions at the site will not affect the level of environmental risk or potential liability at the site.

10.7 Deviations

Triad has performed this Phase I Environmental Site Assessment at the subject site in general conformance with the scope and limitations of ASTM Practice E1527-21.

10.8 Data Gaps

The accuracy and completeness of this report may be limited by the following: Should any of these items be deemed a significant data gap, which has affected the ability of the environmental professional (EP) to identify a REC; the significant data gap is also discussed in Section 1.0 of this report.

- **Access Limitations** – There were no access limitations.
- **Physical Obstructions to Observations** – There were no physical obstructions to observations.
- **Outstanding Information Requests** – Responses from Washington County government and health department are pending; however, this is not expected to change the results of this Phase I ESA.
- **Historical Data Source Failure** – There is no historical data source failure.
- **Other** – No other significant data gaps were identified during this assessment.

11.0 REFERENCES

American Society of Testing and Materials (ASTM) Standard Practice E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, 2021.

Environmental Risk Information Services, Inc. (ERIS) Database Report, ID No. 22110700154, dated November 9, 2022.

Environmental Risk Information Services, Inc. (ERIS) Physical Setting Report, ID No. 22110700154, dated November 9, 2022.

Environmental Risk Information Services, Inc. (ERIS) Historical Aerials, ID No. 22110700154, dated November 9, 2022.

Environmental Risk Information Services, Inc. (ERIS) Topographic Maps, ID No. 22110700154, dated November 9, 2022.

Environmental Risk Information Services, Inc. (ERIS) Fire Insurance Maps, ID No. 22110700154, dated November 9, 2022.

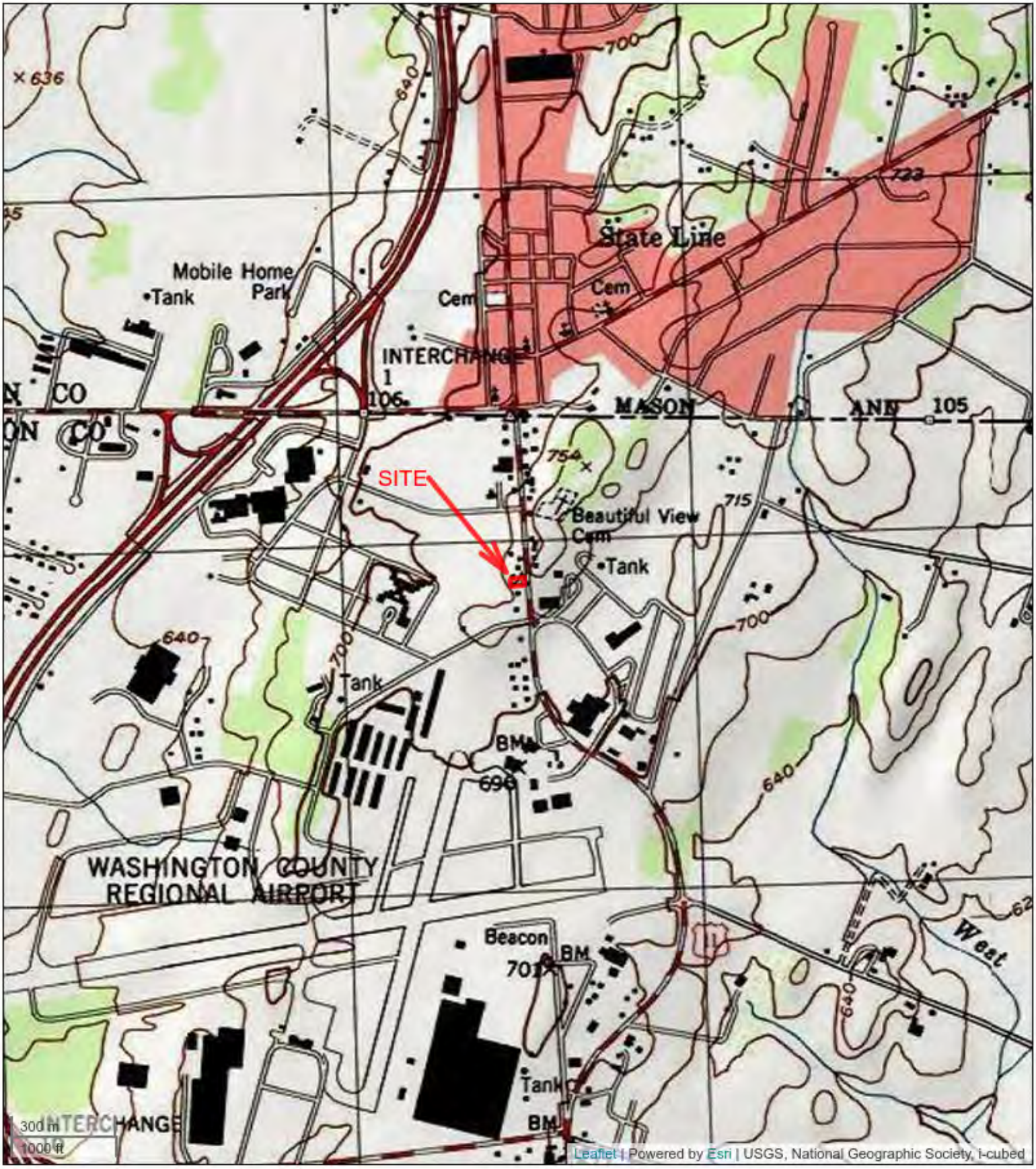
Environmental Risk Information Services, Inc. (ERIS) City Directory, ID No. 22110700154, dated November 11, 2022.

Federal Emergency Management Agency Flood Insurance Rate Map Community Panel: 24043C0128D, effective on 08/15/2017.

Maryland Department of Assessments and Taxation (SDAT) website - https://sdat.dat.maryland.gov/RealProperty/Pages/default.aspx.

TRIAD ENGINEERING, INC.

APPENDIX A: FIGURES



TRIAD ENGINEERING, INC.

Location Map

Washington County Board of Commissioners Property
14616 Pennsylvania Avenue
Hagerstown, Maryland 21742

N

TRIAD ENGINEERING, INC.

Subject Property Layout Map

Washington County Board of Commissioners Property
14616 Pennsylvania Avenue
Hagerstown, Maryland 21742

N

TRIAD ENGINEERING, INC.

APPENDIX B: SITE PHOTOGRAPHS

Photograph # 1
View looking west at the front of the residence.

Photograph # 2
View of the kitchen of the residence.

Photograph # 3
View of the living room.

Photograph # 4
View of the basement.

Photograph # 5
View of the basement.

Photograph # 6
View of the furnace in the basement.

Photograph # 7
View of a floor drain in the basement.

Photograph # 8
View of the detached garage.

Photograph # 9
View of the interior of the garage.

Photograph # 10
View of used automobile tires located at the rear of the garage.

TRIAD ENGINEERING, INC.

APPENDIX C: PHYSICAL SETTING REPORT

PSR
PHYSICAL SETTING REPORT

Property Information

Order Number:		22110700154p
Date Completed:		November 7, 2022
Project Number:		03-22-0777
Project Property:		14616 Pennsylvania Ave 14616 Pennsylvania Avenue Hagerstown MD 21742
Coordinates:		
	Latitude:	39.71685818
	Longitude:	-77.72403855
	UTM Northing:	4399880.30324 Meters
	UTM Easting:	266503.043171 Meters
	UTM Zone:	UTM Zone 18S
	Elevation:	734.47 ft
	Slope Direction:	WSW

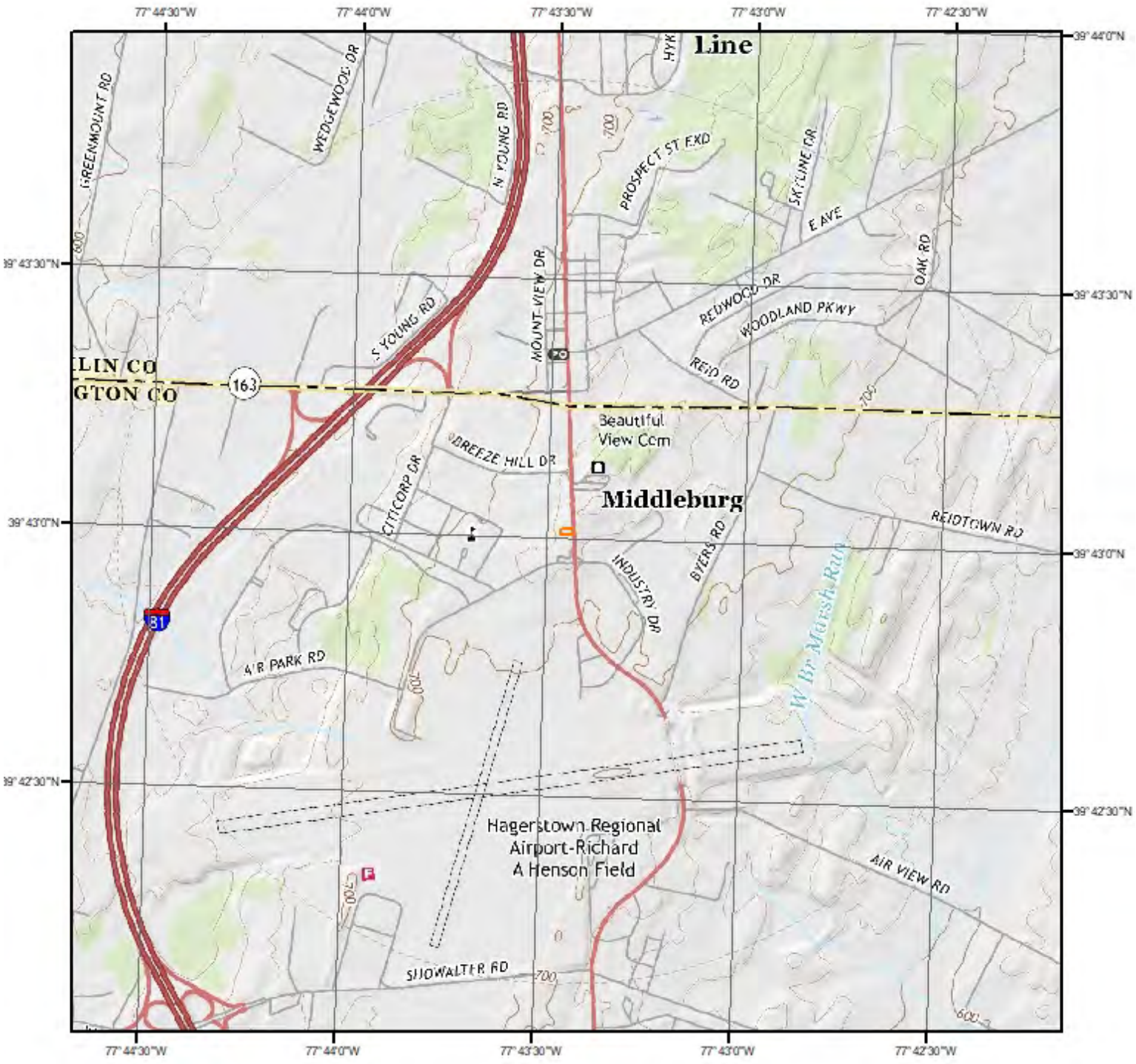
The ERIS ***Physical Setting Report - PSR*** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Current USGS Topo (2016)

0 0.2 0.4 0.8 Miles

N

Quadrangle(s): Hagerstown,MD

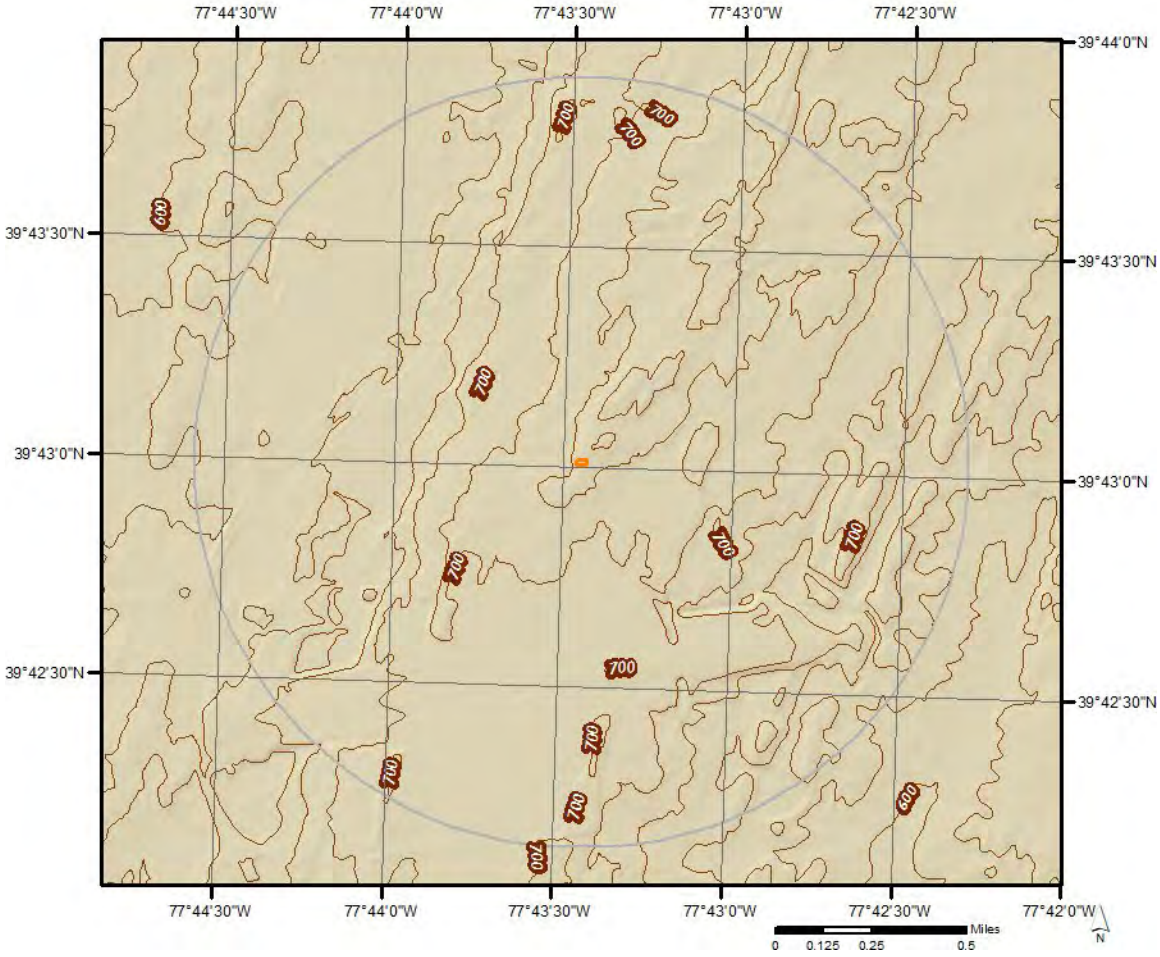
Source: USGS 7.5 Minute Topographic Map

Topographic Information

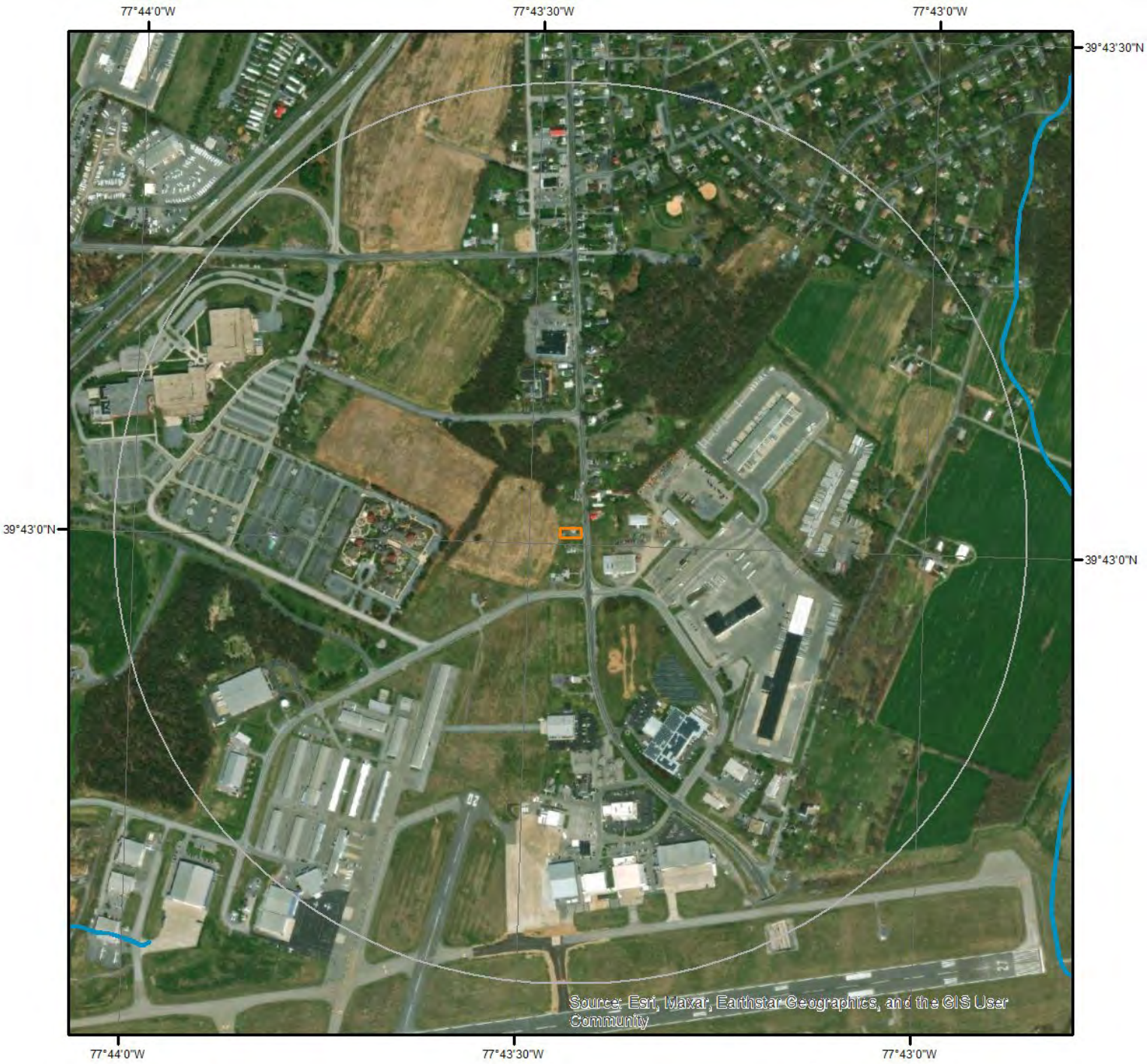
The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

Elevation:	734.47 ft
Slope Direction:	WSW



Hydrologic Information



Wetland

0 0.075 0.15 0.3 Miles

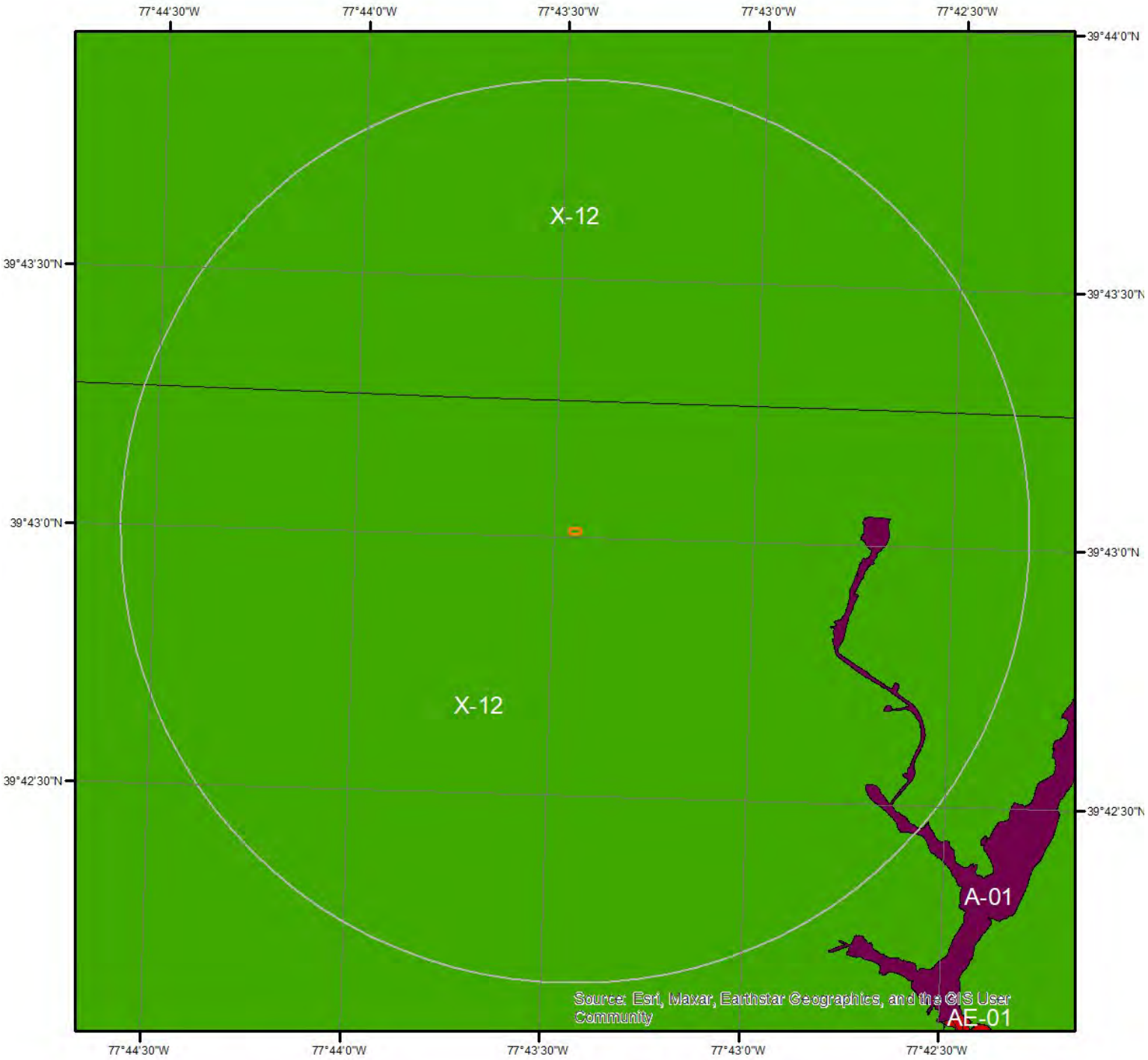
N

This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

ERIS

Hydrologic Information

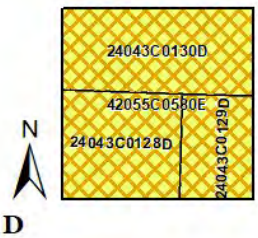


Flood Hazard Zones

0 0.2 0.4 Miles

This map shows FEMA flood hazard zones. FIRM panels are shown to the right, and blank indicates no data is available.

A	AO	X
A99	V	OPEN WATER
AE	VE	NOT POPULATED
AH	D	AREA NOT INCLUDED



Quadrangle(s): Hagerstown,MD

ERIS

Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below.
For detailed Zone descriptions please click the link: https://floodadvocate.com/fema-zone-definitions

Available FIRM Panels in area:	42055C0580E(effective:2012-01-18) 24043C0128D(effective:2017-08-15) 24043C0129D(effective:2017-08-15) 24043C0130D(effective:2017-08-15)

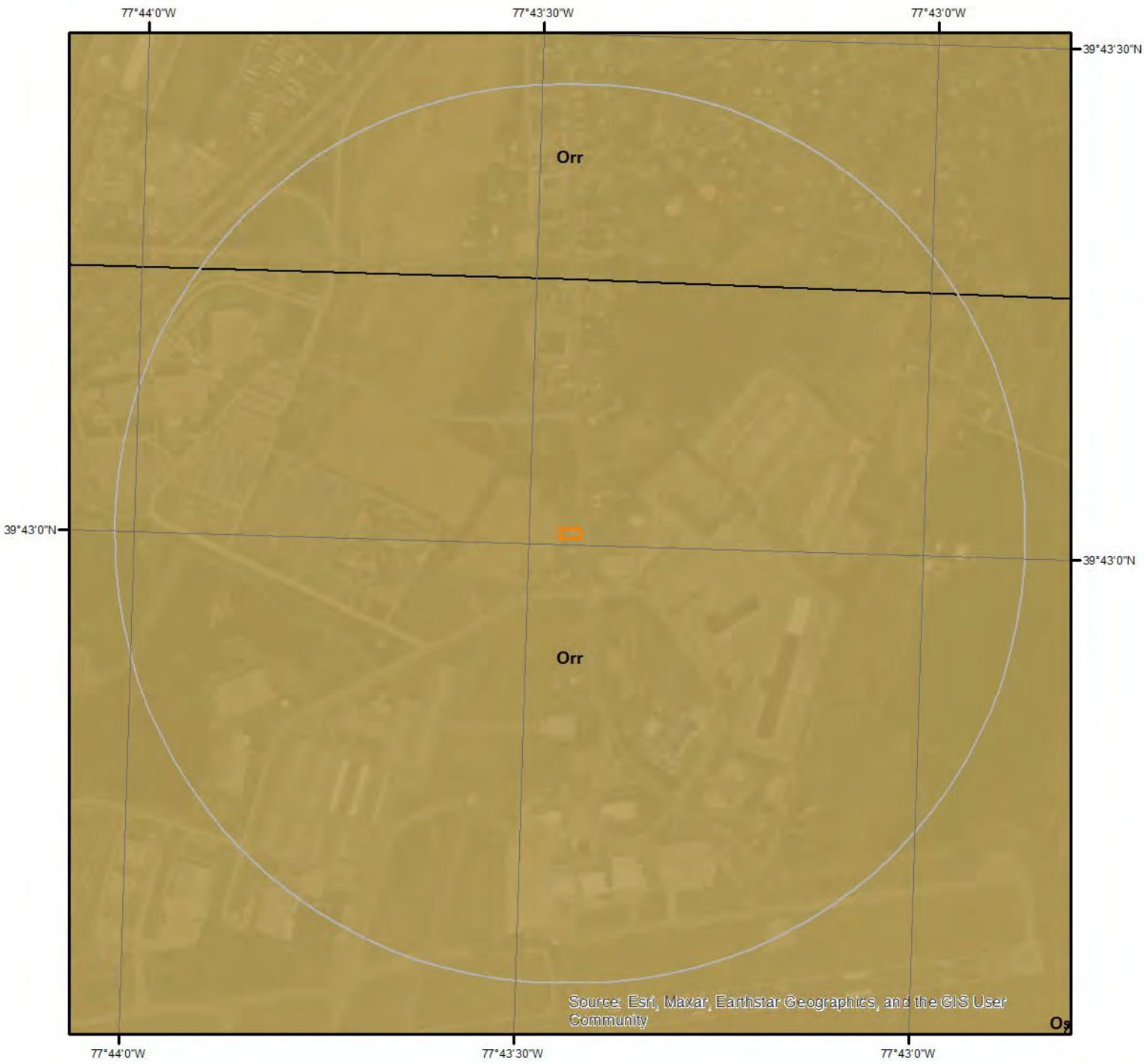
Flood Zone A-01

Zone:	A
Zone subtype:	

Flood Zone X-12

Zone:	X
Zone subtype:	AREA OF MINIMAL FLOOD HAZARD

Geologic Information



Miles
0 0.2 0.4

N

Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

ERIS

Miles
0 0.275 0.55

Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

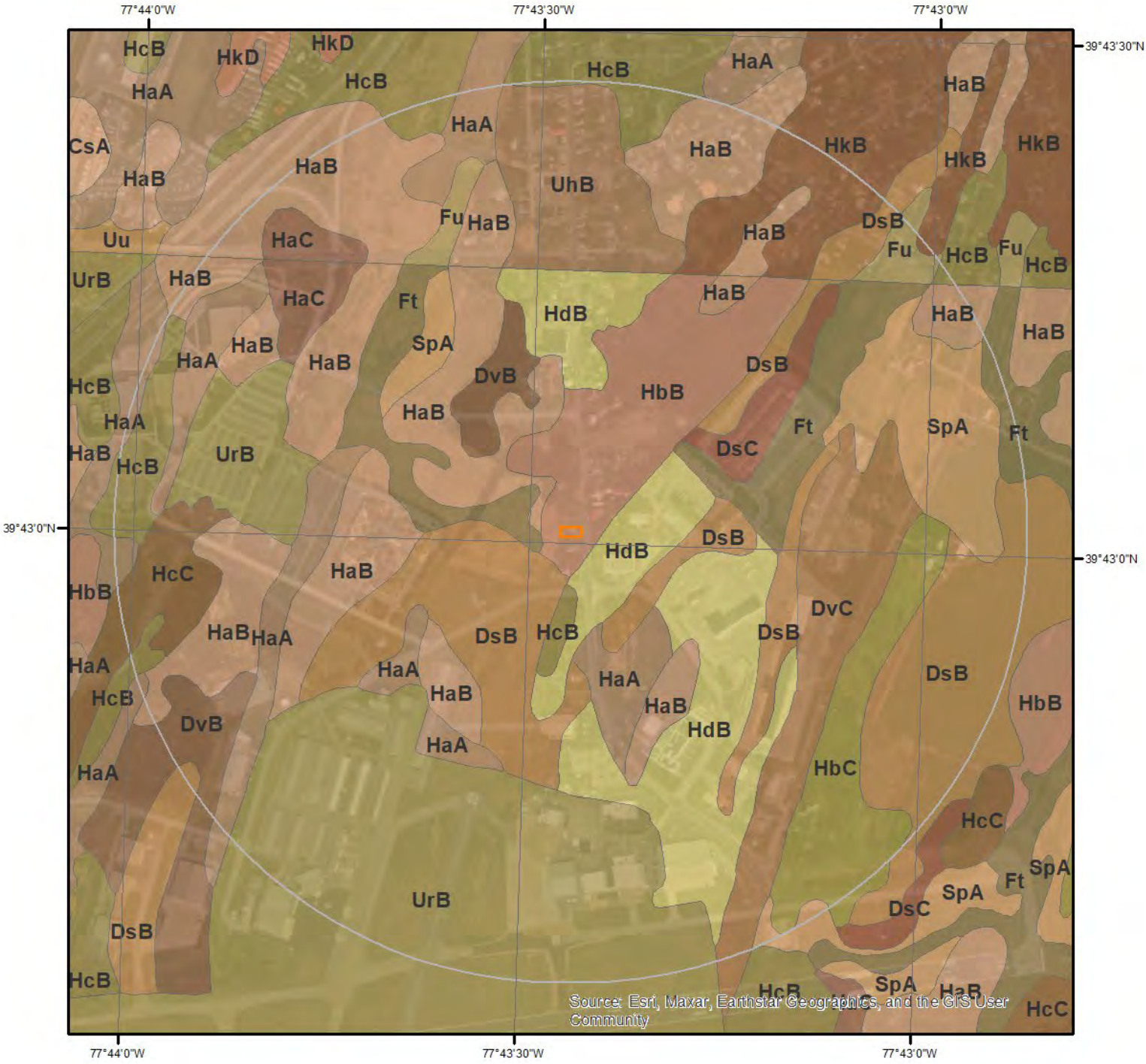
Geologic Unit Orr

Unit Name:	Rockdale Run Formation
Unit Age:	Ordovician
Primary Rock Type:	limestone
Secondary Rock Type:	dolostone (dolomite)
Unit Description:	Rockdale Run Formation - Mostly limestone; some dolomite interbeds; some chert near middle and top; stromatolitic limestone in middle; pinkish marbleoid limestone and chert at base.

Geologic Unit Orr

Unit Name:	Rockdale Run Formation
Unit Age:	Ordovician
Primary Rock Type:	dolostone (dolomite)
Secondary Rock Type:	limestone
Unit Description:	Rockdale Run Formation - Upper one-third gray, mottled, cherty dolomite and dolomitic limestone; lower two-thirds gray, cherty argillaceous calcarenite and algal limestone with interbedded dolomite and oolitic limestone; thickness at least 1,700 feet east of Conococheague Creek, increases to about 2,500 feet in west.

Soil Information



SSURGO Soils

0 0.175 0.35 Miles

N

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit DsB (6.29%)

Map Unit Name:	Duffield silt loam, 3 to 8 percent slopes
Bedrock Depth - Min:	178cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Duffield(85%)

horizon H1(0cm to 25cm)	Silt loam
horizon H2(25cm to 142cm)	Silt loam
horizon H3(142cm to 165cm)	Channery silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: DsB - Duffield silt loam, 3 to 8 percent slopes

Component: Duffield (85%)
The Duffield component makes up 85 percent of the map unit. Slopes are 3 to 8 percent. This component is on hills, limestone valleys. The parent material consists of residuum weathered from limestone. Depth to a root restrictive layer, bedrock, lithic, is 60 to 80 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Component: Funkstown (8%)
Generated brief soil descriptions are created for major soil components. The Funkstown soil is a minor component.

Component: Clarksburg (5%)
Generated brief soil descriptions are created for major soil components. The Clarksburg soil is a minor component.

Component: Dryrun (2%)
Generated brief soil descriptions are created for major soil components. The Dryrun soil is a minor component.

Map Unit DsC (0.42%)

Map Unit Name:	Duffield silt loam, 8 to 15 percent slopes
Bedrock Depth - Min:	186cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Duffield(85%)

horizon H1(0cm to 18cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Soil Information

Map Unit: DsC - Duffield silt loam, 8 to 15 percent slopes

Component: Duffield (85%)
The Duffield component makes up 85 percent of the map unit. Slopes are 8 to 15 percent. The parent material consists of loamy residuum weathered from shaly limestone. Depth to a root restrictive layer, bedrock, lithic, is 60 to 99 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Component: RYDER (10%)
Generated brief soil descriptions are created for major soil components. The RYDER soil is a minor component.

Component: OPEQUON (5%)
Generated brief soil descriptions are created for major soil components. The OPEQUON soil is a minor component.

Map Unit DvB (1.61%)

Map Unit Name:	Duffield-Rock outcrop complex, 3 to 8 percent slopes
Bedrock Depth - Min:	0cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Duffield(45%)	
horizon H1(0cm to 13cm)	Silt loam
Rock outcrop(40%)	
horizon H1(0cm to 152cm)	Unweathered bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: DvB - Duffield-Rock outcrop complex, 3 to 8 percent slopes

Component: Duffield (45%)
The Duffield component makes up 45 percent of the map unit. Slopes are 3 to 8 percent. The parent material consists of loamy residuum weathered from shaly limestone. Depth to a root restrictive layer, bedrock, lithic, is 60 to 99 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 6s. This soil does not meet hydric criteria.

Component: Rock outcrop (40%)
Generated brief soil descriptions are created for major soil components. The Rock outcrop is a miscellaneous area.

Component: OPEQUON (10%)
Generated brief soil descriptions are created for major soil components. The OPEQUON soil is a minor component.

Component: RYDER (5%)
Generated brief soil descriptions are created for major soil components. The RYDER soil is a minor component.

Map Unit DvC (1.79%)

Map Unit Name:	Duffield-Rock outcrop complex, 8 to 15 percent slopes
Bedrock Depth - Min:	0cm
Watertable Depth - Annual Min:	

Soil Information

Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Duffield(45%)	
horizon H1(0cm to 13cm)	Silt loam
Rock outcrop(40%)	
horizon H1(0cm to 152cm)	Unweathered bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: DvC - Duffield-Rock outcrop complex, 8 to 15 percent slopes

Component: Duffield (45%)
The Duffield component makes up 45 percent of the map unit. Slopes are 8 to 15 percent. The parent material consists of loamy residuum weathered from shaly limestone. Depth to a root restrictive layer, bedrock, lithic, is 60 to 99 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 6s. This soil does not meet hydric criteria.

Component: Rock outcrop (40%)
Generated brief soil descriptions are created for major soil components. The Rock outcrop is a miscellaneous area.

Component: OPEQUON (10%)
Generated brief soil descriptions are created for major soil components. The OPEQUON soil is a minor component.

Component: RYDER (5%)
Generated brief soil descriptions are created for major soil components. The RYDER soil is a minor component.

Map Unit Ft (12.92%)

Map Unit Name:	Funkstown silt loam
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	84cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Funkstown(80%)	
horizon H1(0cm to 30cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Ft - Funkstown silt loam

Component: Funkstown (80%)
The Funkstown component makes up 80 percent of the map unit. Slopes are 0 to 3 percent. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is frequently flooded. It is not ponded. A seasonal zone of water saturation is at 33 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: HAGERSTOWN (5%)
Generated brief soil descriptions are created for major soil components. The HAGERSTOWN soil is a minor component.

Soil Information

Component: OPEQUON (5%)
Generated brief soil descriptions are created for major soil components. The OPEQUON soil is a minor component.

Component: DUFFIELD (5%)
Generated brief soil descriptions are created for major soil components. The DUFFIELD soil is a minor component.

Component: RYDER (5%)
Generated brief soil descriptions are created for major soil components. The RYDER soil is a minor component.

Map Unit Fu (0.37%)

Map Unit Name:	Funkstown silt loam
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	84cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Funkstown(90%)

horizon H1(0cm to 45cm)	Silt loam
horizon H2(45cm to 61cm)	Gravelly silt loam
horizon H3(61cm to 102cm)	Channery silty clay loam
horizon H4(102cm to 165cm)	Channery silty clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Fu - Funkstown silt loam

Component: Funkstown (90%)
The Funkstown component makes up 90 percent of the map unit. Slopes are 0 to 3 percent. This component is on draws, uplands. The parent material consists of fine-loamy colluvium over residuum weathered from limestone. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is frequently flooded. It is not ponded. A seasonal zone of water saturation is at 33 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Lindside (6%)
Generated brief soil descriptions are created for major soil components. The Lindside soil is a minor component.

Component: Clarksburg (2%)
Generated brief soil descriptions are created for major soil components. The Clarksburg soil is a minor component.

Map Unit HaA (8.47%)

Map Unit Name:	Hagerstown silt loam, 0 to 3 percent slopes
Bedrock Depth - Min:	185cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Hagerstown(85%)

horizon Ap(0cm to 25cm)	Silt loam
horizon Bt1(25cm to 53cm)	Silty clay loam
horizon Bt2(53cm to 142cm)	Silty clay

horizon C(142cm to 185cm)	Silty clay loam
horizon R(185cm to 210cm)	Bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: HaA - Hagerstown silt loam, 0 to 3 percent slopes

Component: Hagerstown (85%)
The Hagerstown component makes up 85 percent of the map unit. Slopes are 0 to 3 percent. This component is on gently sloping hills on limestone valleys. The parent material consists of clayey residuum weathered from limestone. Depth to a root restrictive layer, bedrock, lithic, is 43 to 98 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 1. This soil does not meet hydric criteria.

Component: Opequon (5%)
Generated brief soil descriptions are created for major soil components. The Opequon soil is a minor component.

Component: Carbo (5%)
Generated brief soil descriptions are created for major soil components. The Carbo soil is a minor component.

Component: Nolin (3%)
Generated brief soil descriptions are created for major soil components. The Nolin soil is a minor component.

Component: Funkstown (2%)
Generated brief soil descriptions are created for major soil components. The Funkstown soil is a minor component.

Map Unit HaB (7.1%)

Map Unit Name:	Hagerstown silt loam, 3 to 8 percent slopes
Bedrock Depth - Min:	185cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Hagerstown(85%)

horizon Ap(0cm to 25cm)	Silt loam
horizon Bt1(25cm to 53cm)	Silty clay loam
horizon Bt2(53cm to 142cm)	Silty clay
horizon C(142cm to 185cm)	Silty clay loam
horizon R(185cm to 210cm)	Bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: HaB - Hagerstown silt loam, 3 to 8 percent slopes

Component: Hagerstown (85%)
The Hagerstown component makes up 85 percent of the map unit. Slopes are 3 to 8 percent. This component is on low hills on limestone valleys. The parent material consists of clayey residuum weathered from limestone. Depth to a root restrictive layer, bedrock, lithic, is 43 to 98 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Component: Carbo (5%)
Generated brief soil descriptions are created for major soil components. The Carbo soil is a minor component.

Soil Information

Component: Opequon (5%)
Generated brief soil descriptions are created for major soil components. The Opequon soil is a minor component.

Component: Funkstown (3%)
Generated brief soil descriptions are created for major soil components. The Funkstown soil is a minor component.

Component: Timberville (2%)
Generated brief soil descriptions are created for major soil components. The Timberville soil is a minor component.

Map Unit HaC (0.54%)

Map Unit Name:	Hagerstown silt loam, 8 to 15 percent slopes
Bedrock Depth - Min:	180cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Hagerstown(85%)

horizon Ap(0cm to 20cm)	Silt loam
horizon Bt1(20cm to 48cm)	Silty clay loam
horizon Bt2(48cm to 137cm)	Silty clay
horizon C(137cm to 180cm)	Silty clay loam
horizon R(180cm to 205cm)	Bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: HaC - Hagerstown silt loam, 8 to 15 percent slopes

Component: Hagerstown (85%)
The Hagerstown component makes up 85 percent of the map unit. Slopes are 8 to 15 percent. This component is on hillslopes on limestone valleys. The parent material consists of clayey residuum weathered from limestone and dolomite. Depth to a root restrictive layer, bedrock, lithic, is 43 to 98 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Component: Carbo (8%)
Generated brief soil descriptions are created for major soil components. The Carbo soil is a minor component.

Component: Opequon (5%)
Generated brief soil descriptions are created for major soil components. The Opequon soil is a minor component.

Component: Clarksburg (2%)
Generated brief soil descriptions are created for major soil components. The Clarksburg soil is a minor component.

Map Unit HbB (1.99%)

Map Unit Name:	Hagerstown silty clay loam, 3 to 8 percent slopes, very rocky
Bedrock Depth - Min:	202cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Hagerstown(85%)

horizon H1(0cm to 18cm)	Silty clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: HbB - Hagerstown silty clay loam, 3 to 8 percent slopes, very rocky

Component: Hagerstown (85%)
The Hagerstown component makes up 85 percent of the map unit. Slopes are 3 to 8 percent. The parent material consists of clayey residuum weathered from limestone, unspecified. Depth to a root restrictive layer, bedrock, lithic, is 60 to 99 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Component: OPEQUON (10%)
Generated brief soil descriptions are created for major soil components. The OPEQUON soil is a minor component.

Component: SWANPOND (3%)
Generated brief soil descriptions are created for major soil components. The SWANPOND soil is a minor component.

Component: FUNKSTOWN (2%)
Generated brief soil descriptions are created for major soil components. The FUNKSTOWN soil is a minor component.

Map Unit HbC (1.38%)

Map Unit Name:	Hagerstown silty clay loam, 8 to 15 percent slopes, very rocky
Bedrock Depth - Min:	40cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Hagerstown(85%)	
horizon H1(0cm to 18cm)	Silty clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: HbC - Hagerstown silty clay loam, 8 to 15 percent slopes, very rocky

Component: Hagerstown (85%)
The Hagerstown component makes up 85 percent of the map unit. Slopes are 8 to 15 percent. The parent material consists of clayey residuum weathered from limestone, unspecified. Depth to a root restrictive layer, bedrock, lithic, is 60 to 99 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: OPEQUON (15%)
Generated brief soil descriptions are created for major soil components. The OPEQUON soil is a minor component.

Map Unit HcB (14.04%)

Map Unit Name:	Hagerstown-Carbo silty clay loams, 3 to 8 percent slopes, very rocky
Bedrock Depth - Min:	94cm
Watertable Depth - Annual Min:	

Soil Information

Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Hagerstown(65%)	
horizon H1(0cm to 20cm)	Silty clay loam
horizon H2(20cm to 53cm)	Clay
horizon H3(53cm to 165cm)	Clay
Carbo(20%)	
horizon H1(0cm to 25cm)	Silty clay loam
horizon H2(25cm to 94cm)	Clay
horizon H3(94cm to 119cm)	Bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: HcB - Hagerstown-Carbo silty clay loams, 3 to 8 percent slopes, very rocky

Component: Hagerstown (65%)
The Hagerstown component makes up 65 percent of the map unit. Slopes are 3 to 8 percent. This component is on low sloping ridges, valley floors. The parent material consists of residuum weathered from limestone. Depth to a root restrictive layer, bedrock, lithic, is 60 to 80 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Component: Carbo (20%)
The Carbo component makes up 20 percent of the map unit. Slopes are 3 to 8 percent. This component is on ridges, valleys. The parent material consists of residuum weathered from limestone. Depth to a root restrictive layer, bedrock, lithic, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is high. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Component: Opequon (5%)
Generated brief soil descriptions are created for major soil components. The Opequon soil is a minor component.

Component: Funkstown (4%)
Generated brief soil descriptions are created for major soil components. The Funkstown soil is a minor component.

Component: Rock outcrop (3%)
Generated brief soil descriptions are created for major soil components. The Rock outcrop soil is a minor component.

Component: Clarksburg (3%)
Generated brief soil descriptions are created for major soil components. The Clarksburg soil is a minor component.

Map Unit HcC (0.86%)

Map Unit Name:	Hagerstown-Rock outcrop complex, 8 to 15 percent slopes
Bedrock Depth - Min:	0cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Hagerstown(70%)	
horizon H1(0cm to 13cm)	Silty clay loam
Rock outcrop(15%)	

horizon H1(0cm to 152cm)	Unweathered bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: HcC - Hagerstown-Rock outcrop complex, 8 to 15 percent slopes

Component: Hagerstown (70%)
The Hagerstown component makes up 70 percent of the map unit. Slopes are 8 to 15 percent. The parent material consists of clayey residuum weathered from limestone, unspecified. Depth to a root restrictive layer, bedrock, lithic, is 60 to 99 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 6s. This soil does not meet hydric criteria.

Component: Rock outcrop (15%)
Generated brief soil descriptions are created for major soil components. The Rock outcrop is a miscellaneous area.

Component: OPEQUON (10%)
Generated brief soil descriptions are created for major soil components. The OPEQUON soil is a minor component.

Component: RYDER (5%)
Generated brief soil descriptions are created for major soil components. The RYDER soil is a minor component.

Map Unit HdB (3.42%)

Map Unit Name:	Hagerstown-Duffield-Urban land complex, 0 to 8 persent slopes
Bedrock Depth - Min:	178cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Hagerstown(36%)	
horizon H1(0cm to 25cm)	Silty clay loam
Duffield(34%)	
horizon H1(0cm to 23cm)	Silt loam
Urban land(20%)	
horizon H1(0cm to 15cm)	Variable

Component Description:

Minor map unit components are excluded from this report.

Map Unit: HdB - Hagerstown-Duffield-Urban land complex, 0 to 8 persent slopes

Component: Hagerstown (36%)
The Hagerstown component makes up 36 percent of the map unit. Slopes are 0 to 8 percent. The parent material consists of clayey residuum weathered from limestone, unspecified. Depth to a root restrictive layer, bedrock, lithic, is 60 to 80 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Component: Duffield (34%)
The Duffield component makes up 34 percent of the map unit. Slopes are 0 to 8 percent. The parent material consists of loamy residuum weathered from shaly limestone. Depth to a root restrictive layer, bedrock, lithic, is 60 to 99 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability

classification is 2e. This soil does not meet hydric criteria.

Component: Urban land (20%)
Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: SWANPOND (5%)
Generated brief soil descriptions are created for major soil components. The SWANPOND soil is a minor component.

Component: OPEQUON (5%)
Generated brief soil descriptions are created for major soil components. The OPEQUON soil is a minor component.

Map Unit HkB (10.07%)

Map Unit Name:	Hagerstown-Rock outcrop complex, 3 to 8 percent slopes
Bedrock Depth - Min:	0cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Hagerstown(65%)	
horizon H1(0cm to 13cm)	Silt loam
horizon H2(13cm to 23cm)	Clay
horizon H3(23cm to 165cm)	Clay
Rock outcrop(20%)	
horizon H1(0cm to 152cm)	Bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: HkB - Hagerstown-Rock outcrop complex, 3 to 8 percent slopes

Component: Hagerstown (65%)
The Hagerstown component makes up 65 percent of the map unit. Slopes are 3 to 8 percent. This component is on low sloping ridges, valley floors. The parent material consists of residuum weathered from limestone. Depth to a root restrictive layer, bedrock, lithic, is 60 to 80 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 6s. This soil does not meet hydric criteria.

Component: Rock outcrop (20%)
Generated brief soil descriptions are created for major soil components. The Rock outcrop is a miscellaneous area.

Component: Shallow soils (9%)
Generated brief soil descriptions are created for major soil components. The Shallow soils soil is a minor component.

Component: Funkstown (3%)
Generated brief soil descriptions are created for major soil components. The Funkstown soil is a minor component.

Component: Clarksburg (2%)
Generated brief soil descriptions are created for major soil components. The Clarksburg soil is a minor component.

Map Unit SpA (2.02%)

Map Unit Name:	Swanpond silt loam, 0 to 3 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	92cm

Soil Information

Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	D - Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.

Major components are printed below

Swanpond(85%)	
horizon H1(0cm to 20cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: SpA - Swanpond silt loam, 0 to 3 percent slopes

Component: Swanpond (85%)
The Swanpond component makes up 85 percent of the map unit. Slopes are 0 to 3 percent. The parent material consists of clayey residuum weathered from limestone, unspecified. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is high. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 36 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: HAGERSTOWN (10%)
Generated brief soil descriptions are created for major soil components. The HAGERSTOWN soil is a minor component.

Component: FUNKSTOWN (3%)
Generated brief soil descriptions are created for major soil components. The FUNKSTOWN soil is a minor component.

Component: OPEQUON (2%)
Generated brief soil descriptions are created for major soil components. The OPEQUON soil is a minor component.

Map Unit UhB (1.44%)

Map Unit Name:	Urban land-Hagerstown complex, 0 to 8 percent slopes
Bedrock Depth - Min:	178cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	
Hydrologic Group - Dominant:	

Major components are printed below

Urban land(65%)	
horizon H1(0cm to 15cm)	Variable
Hagerstown(25%)	
horizon H1(0cm to 23cm)	Silt loam
horizon H2(23cm to 53cm)	Clay
horizon H3(53cm to 165cm)	Clay

Component Description:

Minor map unit components are excluded from this report.

Map Unit: UhB - Urban land-Hagerstown complex, 0 to 8 percent slopes

Component: Urban land (65%)
Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: Hagerstown (25%)
The Hagerstown component makes up 25 percent of the map unit. Slopes are 0 to 8 percent. This component is on low sloping ridges, valley floors. The parent material consists of residuum weathered from limestone. Depth to a root restrictive layer, bedrock, lithic, is 60 to 80 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded.

Soil Information

There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Component: Clarksburg (5%)
Generated brief soil descriptions are created for major soil components. The Clarksburg soil is a minor component.

Component: Carbo (5%)
Generated brief soil descriptions are created for major soil components. The Carbo soil is a minor component.

Map Unit UrB (25.25%)

Map Unit Name:	Urban land, 0 to 8 percent slopes
Bedrock Depth - Min:	178cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	
Hydrologic Group - Dominant:	D - Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.

Major components are printed below

Urban land(55%)	
horizon H1(0cm to 15cm)	Variable
HAGERSTOWN(30%)	
horizon H1(0cm to 25cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: UrB - Urban land, 0 to 8 percent slopes

Component: Urban land (55%)
Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: HAGERSTOWN (30%)
The HAGERSTOWN component makes up 30 percent of the map unit. Slopes are 3 to 8 percent. The parent material consists of clayey residuum weathered from limestone, unspecified. Depth to a root restrictive layer, bedrock, lithic, is 60 to 80 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Component: OPEQUON (10%)
Generated brief soil descriptions are created for major soil components. The OPEQUON soil is a minor component.

Component: FUNKSTOWN (5%)
Generated brief soil descriptions are created for major soil components. The FUNKSTOWN soil is a minor component.

Wells and Additional Sources

Wells & Additional Sources

N

0 0.15 0.3 0.6 Miles

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	PWS ID	Distance (ft)	Direction
22	PA7280946	3331.30	WNW
23	PA7280047	3356.57	N
43	PA7280960	4177.77	N

Safe Drinking Water Information System (SDWIS)

Map Key	ID	Distance (ft)	Direction
	No records found		

USGS National Water Information System

Map Key	Monitoring Loc Identifier	Distance (ft)	Direction
1	USGS-394254077433701	909.01	SW
5	USGS-394258077430201	1944.33	E
6	USGS-394320077432801	1958.44	N
7	USGS-394258077430102	2022.06	E
7	USGS-394258077430103	2022.06	E
7	USGS-394258077430101	2022.06	E
9	USGS-394248077435001	2082.80	WSW
12	USGS-394307077425801	2338.46	ENE
13	USGS-394314077425801	2622.52	ENE
20	MD007-394253077440801	3263.15	WSW
27	USGS-394311077441201	3568.52	WNW
31	USGS-394316077441201	3748.76	WNW
34	USGS-394314077441601	3961.62	WNW
35	USGS-394301077423602	3966.31	E
35	USGS-394301077423601	3966.31	E
36	USGS-394304077442001	4050.29	W
40	USGS-394312077441901	4121.72	WNW
44	USGS-394304077423301	4216.68	E
47	USGS-394227077425201	4310.18	SE
49	USGS-394259077442401	4348.67	W
50	USGS-394303077423101	4365.83	E
51	USGS-394320077441901	4416.84	WNW
52	USGS-394300077442501	4425.59	W
53	USGS-394303077442501	4433.21	W
54	USGS-394304077442501	4439.85	W
55	USGS-394224077425401	4458.52	SE
57	USGS-394303077422701	4677.97	E
61	USGS-394313077442901	4902.01	WNW

Wells from NWIS

Map Key	ID	Distance (ft)	Direction
	No records found		

State Sources

Wells and Additional Sources Summary

Oil and Gas Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

Water Wells

Map Key	Permit	Distance (ft)	Direction
2	WA811155	1178.17	WNW
3	WA940460	1364.20	WSW
3	WA941101	1364.20	WSW
3	WA941103	1364.20	WSW
3	WA941105	1364.20	WSW
3	WA941102	1364.20	WSW
3	WA941104	1364.20	WSW
3	WA940453	1364.20	WSW
4	BA731624	1680.09	NW
8	WA730319	2075.82	SW
8	WA731391	2075.82	SW
8	WA941544	2075.82	SW
8	WA941546	2075.82	SW
8	WA941547	2075.82	SW
8	WA732631	2075.82	SW
8	WA731718	2075.82	SW
8	WA941545	2075.82	SW
8	WA941543	2075.82	SW
10	WA940462	2169.29	W
10	WA811156	2169.29	W
11	WA941143	2274.69	WSW
11	WA941141	2274.69	WSW
11	WA940461	2274.69	WSW
11	WA940463	2274.69	WSW
11	WA941142	2274.69	WSW
14	WA930046	2760.77	SW
14	WA930089	2760.77	SW
14	WA930090	2760.77	SW
15	WA810014	2810.58	ESE
16	WA940456	2819.52	SSE
17	WA930045	2958.93	SSW
17	WA930043	2958.93	SSW
17	WA930042	2958.93	SSW
17	WA930044	2958.93	SSW
18	WA950827	3152.40	WSW
19	WA811158	3165.96	W
19	WA811157	3165.96	W
21	WA950908	3306.50	S
24	WA940965	3384.99	WNW
25	WA950909	3448.42	SSE
26	WA812610	3505.23	NE
28	WA930040	3596.92	WSW
28	WA930039	3596.92	WSW
29	WA950910	3664.86	SSE
30	WA920206	3727.38	S
30	WA920207	3727.38	S
30	WA940457	3727.38	S
32	WA942582	3795.55	S
33	WA940455	3899.27	SSW
33	WA940454	3899.27	SSW
33	WA930047	3899.27	SSW
33	WA940458	3899.27	SSW
33	WA930050	3899.27	SSW
33	WA940459	3899.27	SSW

33	WA930049	3899.27	SSW
33	WA930048	3899.27	SSW
33	WA920198	3899.27	SSW
33	WA920197	3899.27	SSW
33	WA920199	3899.27	SSW
33	WA920205	3899.27	SSW
37	WA811162	4063.67	WNW
38	WA731716	4096.95	ESE
38	WA732235	4096.95	ESE
38	WA720188	4096.95	ESE
38	WA732501	4096.95	ESE
38	FR730398	4096.95	ESE
38	WA732569	4096.95	ESE
38	WA731095	4096.95	ESE
38	FR737174	4096.95	ESE
38	FR735582	4096.95	ESE
39	WA810054	4103.07	SSE
41	WA941130	4125.69	WNW
42	WA942586	4164.56	W
42	WA810359	4164.56	W
42	WA810716	4164.56	W
42	WA942579	4164.56	W
42	WA811951	4164.56	W
45	WA941461	4219.72	W
46	WA920196	4303.33	SSW
46	WA930041	4303.33	SSW
46	WA920204	4303.33	SSW
48	WA811843	4333.14	WNW
56	WA810826	4608.80	SE
58	WA812314	4723.06	E
59	WA811294	4726.90	S
59	WA810822	4726.90	S
59	WA810819	4726.90	S
59	WA810820	4726.90	S
59	WA810821	4726.90	S
59	WA810823	4726.90	S
60	WA920200	4863.49	SSW
60	WA880312	4863.49	SSW
60	WA930054	4863.49	SSW
60	WA880314	4863.49	SSW
60	WA880313	4863.49	SSW
60	WA920382	4863.49	SSW
60	WA880310	4863.49	SSW
60	WA920386	4863.49	SSW
60	WA920383	4863.49	SSW
60	WA920379	4863.49	SSW
60	WA920381	4863.49	SSW
60	WA920390	4863.49	SSW
60	WA920203	4863.49	SSW
60	WA920388	4863.49	SSW
60	WA920389	4863.49	SSW
60	WA920385	4863.49	SSW
60	WA920387	4863.49	SSW
60	WA930052	4863.49	SSW
60	WA930053	4863.49	SSW
60	WA930055	4863.49	SSW
60	WA930051	4863.49	SSW
60	WA920202	4863.49	SSW
60	WA920380	4863.49	SSW
60	WA880315	4863.49	SSW
60	WA920201	4863.49	SSW
60	WA920384	4863.49	SSW
60	WA880309	4863.49	SSW
60	WA880311	4863.49	SSW

Public Water Systems Violations and Enforcement Data

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	WNW	0.63	3,331.30	634.97	PWSV

Address Line 2:
State Code: PA
Zip Code: 17225
City Name: GREENCASTLE
Address Line 1: 15799 YOUNG ROAD
PWS ID: PA7280946
PWS Type Code: TNCWS
PWS Type Description: Transient Non-Community Water System
Primary Source Code: GW
Primary Source Desc: Groundwater
PWS Activity Code: A
PWS Activity Description: Active
PWS Deactivation Date:
Phone Number: 717-597-0939

--Details--
Population Served Count: 45
City Served:
County Served: Franklin
State Served: PA
Zip Code Served:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	N	0.64	3,356.57	713.38	PWSV

Address Line 2:
State Code: PA
Zip Code: 17225
City Name: GREENCASTLE
Address Line 1: 15485 PARK DRIVE
PWS ID: PA7280047
PWS Type Code: CWS
PWS Type Description: Community Water System
Primary Source Code: GW
Primary Source Desc: Groundwater
PWS Activity Code: A
PWS Activity Description: Active
PWS Deactivation Date:
Phone Number: 717-597-2779

Wells and Additional Sources Detail Report

--Details--
Population Served Count: 130
City Served:
County Served: Franklin
State Served: PA
Zip Code Served:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
43	N	0.79	4,177.77	696.70	PWSV

Address Line 2:
State Code: PA
Zip Code: 17225
City Name: GREENCASTLE
Address Line 1: 15420 MOLLY PITCHER HIGHWAY
PWS ID: PA7280960
PWS Type Code: TNCWS
PWS Type Description: Transient Non-Community Water System
Primary Source Code: GW
Primary Source Desc: Groundwater
PWS Activity Code: I
PWS Activity Description: Inactive
PWS Deactivation Date: 01/02/2015
Phone Number: 717-597-8007

--Details--
Population Served Count: 50
City Served:
County Served: Franklin
State Served: PA
Zip Code Served:

USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	SW	0.17	909.01	707.17	FED USGS

Organiz Identifier: USGS-MD
Organiz Name: USGS Maryland Water Science Center
Well Depth: 70
Well Depth Unit: ft
Well Hole Depth: 70
W Hole Depth Unit: ft
Construction Date: 19850907
Source Map Scale: 24000
Monitoring Loc Name: WA Ai 54
Formation Type: Rockdale Run Formation
Aquifer Name: Valley and Ridge aquifers
Aquifer Type:
Country Code: US
Provider Name: NWIS
County: WASHINGTON
Latitude: 39.71509459000000
Longitude: -77.7266603000000

Monitoring Loc Identifier:	USGS-394254077433701
Monitoring Loc Type:	Well
Monitoring Loc Desc:	
HUC Eight Digit Code:	02070004
Drainage Area:	
Drainage Area Unit:	
Contrib Drainage Area:	
Contrib Drainage Area Unit:	
Horizontal Accuracy:	1
Horizontal Accuracy Unit:	seconds
Horizontal Collection Mthd:	Interpolated from MAP.
Horiz Coord Refer System:	NAD83
Vertical Measure:	705.
Vertical Measure Unit:	feet
Vertical Accuracy:	10
Vertical Accuracy Unit:	feet
Vertical Collection Mthd:	Interpolated from topographic map.
Vert Coord Refer System:	NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	E	0.37	1,944.33	710.63	FED USGS

Organiz Identifier:	USGS-MD	Formation Type:	Rockdale Run Formation
Organiz Name:	USGS Maryland Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:	35	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	35	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	WASHINGTON
Construction Date:	19460814	Latitude:	39.71620569000000
Source Map Scale:	24000	Longitude:	-77.7169379000000
Monitoring Loc Name:	WA Ai 1		
Monitoring Loc Identifier:	USGS-394258077430201		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	02070004		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		

Vertical Measure:	705.
Vertical Measure Unit:	feet
Vertical Accuracy:	10
Vertical Accuracy Unit:	feet
Vertical Collection Mthd:	Interpolated from topographic map.
Vert Coord Refer System:	NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	N	0.37	1,958.44	713.72	FED USGS

Organiz Identifier:	USGS-PA	Formation Type:	Rockdale Run Formation
Organiz Name:	USGS Pennsylvania Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:	170	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	FRANKLIN
Construction Date:	196002	Latitude:	39.72231666000000
Source Map Scale:	24000	Longitude:	-77.7241602900000
Monitoring Loc Name:	FR 250		
Monitoring Loc Identifier:	USGS-394320077432801		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	02070004		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	715.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	E	0.38	2,022.06	710.98	FED USGS

Organiz Identifier:	USGS-MD	Formation Type:	Rockdale Run Formation
Organiz Name:	USGS Maryland Water Science Center	Aquifer Name:	Valley and Ridge aquifers

Well Depth:	349	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	349	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	WASHINGTON
Construction Date:	1933	Latitude:	39.71620569000000
Source Map Scale:	24000	Longitude:	-77.7166601000000
Monitoring Loc Name:	WA Ai 3		
Monitoring Loc Identifier:	USGS-394258077430102		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	02070004		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	700.		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	E	0.38	2,022.06	710.98	FED USGS

Organiz Identifier:	USGS-MD	Formation Type:	Rockdale Run Formation
Organiz Name:	USGS Maryland Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:	185	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	185	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	WASHINGTON
Construction Date:		Latitude:	39.71620569000000
Source Map Scale:	24000	Longitude:	-77.7166601000000
Monitoring Loc Name:	WA Ai 51		
Monitoring Loc Identifier:	USGS-394258077430103		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	02070004		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			

Contrib Drainage Area Unit:	
Horizontal Accuracy:	1
Horizontal Accuracy Unit:	seconds
Horizontal Collection Mthd:	Interpolated from MAP.
Horiz Coord Refer System:	NAD83
Vertical Measure:	700.
Vertical Measure Unit:	feet
Vertical Accuracy:	10
Vertical Accuracy Unit:	feet
Vertical Collection Mthd:	Interpolated from topographic map.
Vert Coord Refer System:	NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	E	0.38	2,022.06	710.98	FED USGS

Organiz Identifier:	USGS-MD	Formation Type:	Rockdale Run Formation
Organiz Name:	USGS Maryland Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:	185	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	185	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	WASHINGTON
Construction Date:	1946	Latitude:	39.71620569000000
Source Map Scale:	24000	Longitude:	-77.7166601000000
Monitoring Loc Name:	WA Ai 2		
Monitoring Loc Identifier:	USGS-394258077430101		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	02070004		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	700.		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.39	2,082.80	706.35	FED USGS

Organiz Identifier:	USGS-MD	Formation Type:	Rockdale Run Formation
Organiz Name:	USGS Maryland Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:	400	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	400	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	WASHINGTON
Construction Date:	19560700	Latitude:	39.71342796000000
Source Map Scale:	24000	Longitude:	-77.7302715000000
Monitoring Loc Name:	WA Ai 9		
Monitoring Loc Identifier:	USGS-394248077435001		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	02070004		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	705.		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	ENE	0.44	2,338.46	714.16	FED USGS

Organiz Identifier:	USGS-MD	Formation Type:	Rockdale Run Formation
Organiz Name:	USGS Maryland Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:	85	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	85	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	WASHINGTON
Construction Date:	19690625	Latitude:	39.71870560000000
Source Map Scale:	24000	Longitude:	-77.7158268000000
Monitoring Loc Name:	WA Ai 39		
Monitoring Loc Identifier:	USGS-394307077425801		

Monitoring Loc Type:	Well
Monitoring Loc Desc:	
HUC Eight Digit Code:	02070004
Drainage Area:	
Drainage Area Unit:	
Contrib Drainage Area:	
Contrib Drainage Area Unit:	
Horizontal Accuracy:	1
Horizontal Accuracy Unit:	seconds
Horizontal Collection Mthd:	Interpolated from MAP.
Horiz Coord Refer System:	NAD83
Vertical Measure:	710.
Vertical Measure Unit:	feet
Vertical Accuracy:	10
Vertical Accuracy Unit:	feet
Vertical Collection Mthd:	Interpolated from topographic map.
Vert Coord Refer System:	NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	ENE	0.50	2,622.52	717.49	FED USGS

Organiz Identifier:	USGS-MD	Formation Type:	Rockdale Run Formation
Organiz Name:	USGS Maryland Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:	305	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	305	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	WASHINGTON
Construction Date:	19770210	Latitude:	39.72065000000000
Source Map Scale:	24000	Longitude:	-77.7158268000000
Monitoring Loc Name:	WA Ai 55		
Monitoring Loc Identifier:	USGS-394314077425801		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	02070004		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	720.		

Vertical Measure Unit: feet
Vertical Accuracy: 10
Vertical Accuracy Unit: feet
Vertical Collection Mthd: Interpolated from topographic map.
Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	WSW	0.62	3,263.15	640.79	FED USGS

Organiz Identifier: USGS-MD
Organiz Name: USGS Maryland Water Science Center
Well Depth:
Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:
Construction Date:
Source Map Scale:
Monitoring Loc Name: WA2013G008
Monitoring Loc Identifier: MD007-394253077440801
Monitoring Loc Type: Well
Monitoring Loc Desc:
HUC Eight Digit Code: 02070004
Drainage Area:
Drainage Area Unit:
Contrib Drainage Area:
Contrib Drainage Area Unit:
Horizontal Accuracy: Unknown
Horizontal Accuracy Unit: Unknown
Horizontal Collection Mthd: Unknown.
Horiz Coord Refer System: NAD83
Vertical Measure:
Vertical Measure Unit:
Vertical Accuracy:
Vertical Accuracy Unit:
Vertical Collection Mthd:
Vert Coord Refer System:
Formation Type: Rockdale Run Formation
Aquifer Name: Valley and Ridge aquifers
Aquifer Type:
Country Code: US
Provider Name: NWIS
County: WASHINGTON
Latitude: 39.71472220000000
Longitude: -77.7355556000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	WNW	0.68	3,568.52	629.16	FED USGS

Organiz Identifier: USGS-MD
Organiz Name: USGS Maryland Water Science Center
Well Depth: 100
Formation Type: Rockdale Run Formation
Aquifer Name: Valley and Ridge aquifers
Aquifer Type:

Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	100	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	WASHINGTON
Construction Date:	19741209	Latitude:	39.71981670000000
Source Map Scale:	24000	Longitude:	-77.7363827000000
Monitoring Loc Name:	WA Ai 83		
Monitoring Loc Identifier:	USGS-394311077441201		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	02070004		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	640.		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	WNW	0.71	3,748.76	630.92	FED USGS

Organiz Identifier:	USGS-MD	Formation Type:	Rockdale Run Formation
Organiz Name:	USGS Maryland Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:	65	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	65	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	WASHINGTON
Construction Date:	19641214	Latitude:	39.72120557000000
Source Map Scale:	24000	Longitude:	-77.7363827000000
Monitoring Loc Name:	WA Ai 52		
Monitoring Loc Identifier:	USGS-394316077441201		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	02070004		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area			

Unit:	
Horizontal Accuracy:	5
Horizontal Accuracy Unit:	seconds
Horizontal Collection Mthd:	Interpolated from MAP.
Horiz Coord Refer System:	NAD83
Vertical Measure:	635.
Vertical Measure Unit:	feet
Vertical Accuracy:	10
Vertical Accuracy Unit:	feet
Vertical Collection Mthd:	Interpolated from topographic map.
Vert Coord Refer System:	NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	WNW	0.75	3,961.62	628.00	FED USGS

Organiz Identifier:	USGS-MD	Formation Type:	Rockdale Run Formation
Organiz Name:	USGS Maryland Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:	120	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	120	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	WASHINGTON
Construction Date:	19850912	Latitude:	39.72065000000000
Source Map Scale:	24000	Longitude:	-77.7374938000000
Monitoring Loc Name:	WA Ai 53		
Monitoring Loc Identifier:	USGS-394314077441601		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	02070004		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	630.		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
35	E	0.75	3,966.31	680.05	FED USGS

Organiz Identifier:	USGS-MD	Formation Type:	Stonehenge Limestone
Organiz Name:	USGS Maryland Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:	550	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	WASHINGTON
Construction Date:	19770508	Latitude:	39.71703900000000
Source Map Scale:	24000	Longitude:	-77.7097156000000
Monitoring Loc Name:	WA Ai 77		
Monitoring Loc Identifier:	USGS-394301077423602		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	02070004		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	680.		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
35	E	0.75	3,966.31	680.05	FED USGS

Organiz Identifier:	USGS-MD	Formation Type:	Stonehenge Limestone
Organiz Name:	USGS Maryland Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:	50	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	50	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	WASHINGTON
Construction Date:	19770508	Latitude:	39.71703900000000
Source Map Scale:	24000	Longitude:	-77.7097156000000
Monitoring Loc Name:	WA Ai 56		
Monitoring Loc Identifier:	USGS-394301077423601		

Monitoring Loc Type:	Well
Monitoring Loc Desc:	
HUC Eight Digit Code:	02070004
Drainage Area:	
Drainage Area Unit:	
Contrib Drainage Area:	
Contrib Drainage Area Unit:	
Horizontal Accuracy:	1
Horizontal Accuracy Unit:	seconds
Horizontal Collection Mthd:	Interpolated from MAP.
Horiz Coord Refer System:	NAD83
Vertical Measure:	680.
Vertical Measure Unit:	feet
Vertical Accuracy:	10
Vertical Accuracy Unit:	feet
Vertical Collection Mthd:	Interpolated from topographic map.
Vert Coord Refer System:	NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
36	W	0.77	4,050.29	631.72	FED USGS

Organiz Identifier:	USGS-MD	Formation Type:	Rockdale Run Formation
Organiz Name:	USGS Maryland Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:	125	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	125	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	WASHINGTON
Construction Date:	19760120	Latitude:	39.71787230000000
Source Map Scale:	24000	Longitude:	-77.7386050000000
Monitoring Loc Name:	WA Ai 90		
Monitoring Loc Identifier:	USGS-394304077442001		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	02070004		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	635.		

Vertical Measure Unit:	feet
Vertical Accuracy:	10
Vertical Accuracy Unit:	feet
Vertical Collection Mthd:	Interpolated from topographic map.
Vert Coord Refer System:	NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	WNW	0.78	4,121.72	628.05	FED USGS

Organiz Identifier:	USGS-MD	Formation Type:	Rockdale Run Formation
Organiz Name:	USGS Maryland Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:	200	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	200	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	WASHINGTON
Construction Date:	19781208	Latitude:	39.72009448000000
Source Map Scale:	24000	Longitude:	-77.7383271900000
Monitoring Loc Name:	WA Ai 84		
Monitoring Loc Identifier:	USGS-394312077441901		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	02070004		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	630.		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
44	E	0.80	4,216.68	671.79	FED USGS

Organiz Identifier:	USGS-MD	Formation Type:	Stonehenge Limestone
Organiz Name:	USGS Maryland Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:		Aquifer Type:	Confined single aquifer

Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	WASHINGTON
Construction Date:		Latitude:	39.71787230000000
Source Map Scale:	24000	Longitude:	-77.7088822000000
Monitoring Loc Name:	WA Ai 96		
Monitoring Loc Identifier:	USGS-394304077423301		
Monitoring Loc Type:	Spring		
Monitoring Loc Desc:			
HUC Eight Digit Code:	02070004		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	457		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.82	4,310.18	655.95	FED USGS

Organiz Identifier:	USGS-MD	Formation Type:	Stonehenge Limestone
Organiz Name:	USGS Maryland Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:	120	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	120	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	WASHINGTON
Construction Date:	19730111	Latitude:	39.70759477000000
Source Map Scale:	24000	Longitude:	-77.7141600000000
Monitoring Loc Name:	WA Ai 64		
Monitoring Loc Identifier:	USGS-394227077425201		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	02070004		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area			

Unit:	
Horizontal Accuracy:	1
Horizontal Accuracy Unit:	seconds
Horizontal Collection Mthd:	Interpolated from MAP.
Horiz Coord Refer System:	NAD83
Vertical Measure:	650.
Vertical Measure Unit:	feet
Vertical Accuracy:	10
Vertical Accuracy Unit:	feet
Vertical Collection Mthd:	Interpolated from topographic map.
Vert Coord Refer System:	NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	W	0.82	4,348.67	636.57	FED USGS

Organiz Identifier:	USGS-MD	Formation Type:	Rockdale Run Formation
Organiz Name:	USGS Maryland Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:	80	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	80	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	WASHINGTON
Construction Date:	19780314	Latitude:	39.71648340000000
Source Map Scale:	24000	Longitude:	-77.7397160900000
Monitoring Loc Name:	WA Ai 91		
Monitoring Loc Identifier:	USGS-394259077442401		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	02070004		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	630.		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
50	E	0.83	4,365.83	658.89	FED USGS

Organiz Identifier:	USGS-MD	Formation Type:	Stonehenge Limestone
Organiz Name:	USGS Maryland Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:		Aquifer Type:	Confined single aquifer
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	WASHINGTON
Construction Date:		Latitude:	39.71759456000000
Source Map Scale:	24000	Longitude:	-77.7083267000000
Monitoring Loc Name:	WA Ai 95		
Monitoring Loc Identifier:	USGS-394303077423101		
Monitoring Loc Type:	Spring		
Monitoring Loc Desc:			
HUC Eight Digit Code:	02070004		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	660		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
51	WNW	0.84	4,416.84	631.83	FED USGS

Organiz Identifier:	USGS-PA	Formation Type:	Rockdale Run Formation
Organiz Name:	USGS Pennsylvania Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:	65.0	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	FRANKLIN
Construction Date:	19790519	Latitude:	39.72231665000000
Source Map Scale:	24000	Longitude:	-77.7383272000000
Monitoring Loc Name:	FR 731		
Monitoring Loc Identifier:	USGS-394320077441901		

Monitoring Loc Type:	Well
Monitoring Loc Desc:	
HUC Eight Digit Code:	02070004
Drainage Area:	
Drainage Area Unit:	
Contrib Drainage Area:	
Contrib Drainage Area Unit:	
Horizontal Accuracy:	1
Horizontal Accuracy Unit:	seconds
Horizontal Collection Mthd:	Interpolated from MAP.
Horiz Coord Refer System:	NAD83
Vertical Measure:	630.00
Vertical Measure Unit:	feet
Vertical Accuracy:	10
Vertical Accuracy Unit:	feet
Vertical Collection Mthd:	Interpolated from topographic map.
Vert Coord Refer System:	NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
52	W	0.84	4,425.59	633.91	FED USGS

Organiz Identifier:	USGS-MD	Formation Type:	Rockdale Run Formation
Organiz Name:	USGS Maryland Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:	100	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	100	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	WASHINGTON
Construction Date:	19790430	Latitude:	39.71676120000000
Source Map Scale:	24000	Longitude:	-77.7399939000000
Monitoring Loc Name:	WA Ai 89		
Monitoring Loc Identifier:	USGS-394300077442501		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	02070004		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	630.		

Vertical Measure Unit:	feet
Vertical Accuracy:	10
Vertical Accuracy Unit:	feet
Vertical Collection Mthd:	Interpolated from topographic map.
Vert Coord Refer System:	NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
53	W	0.84	4,433.21	635.90	FED USGS

Organiz Identifier:	USGS-MD	Formation Type:	Rockdale Run Formation
Organiz Name:	USGS Maryland Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:	250	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	250	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	WASHINGTON
Construction Date:	19740403	Latitude:	39.71759450000000
Source Map Scale:	24000	Longitude:	-77.7399939000000
Monitoring Loc Name:	WA Ai 88		
Monitoring Loc Identifier:	USGS-394303077442501		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	02070004		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	630.		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
54	W	0.84	4,439.85	629.72	FED USGS

Organiz Identifier:	USGS-MD	Formation Type:	Rockdale Run Formation
Organiz Name:	USGS Maryland Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:	150	Aquifer Type:	

Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	150	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	WASHINGTON
Construction Date:	19740812	Latitude:	39.71787230000000
Source Map Scale:	24000	Longitude:	-77.7399939000000
Monitoring Loc Name:	WA Ai 87		
Monitoring Loc Identifier:	USGS-394304077442501		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	02070004		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	630.		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
55	SE	0.84	4,458.52	673.28	FED USGS

Organiz Identifier:	USGS-MD	Formation Type:	Stonehenge Limestone
Organiz Name:	USGS Maryland Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:	280	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	280	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	WASHINGTON
Construction Date:	19741210	Latitude:	39.70676145000000
Source Map Scale:	24000	Longitude:	-77.7147156000000
Monitoring Loc Name:	WA Ai 57		
Monitoring Loc Identifier:	USGS-394224077425401		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	02070004		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area			

Unit:	
Horizontal Accuracy:	1
Horizontal Accuracy Unit:	seconds
Horizontal Collection Mthd:	Interpolated from MAP.
Horiz Coord Refer System:	NAD83
Vertical Measure:	665.
Vertical Measure Unit:	feet
Vertical Accuracy:	10
Vertical Accuracy Unit:	feet
Vertical Collection Mthd:	Interpolated from topographic map.
Vert Coord Refer System:	NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
57	E	0.89	4,677.97	655.51	FED USGS

Organiz Identifier:	USGS-MD	Formation Type:	Stonehenge Limestone
Organiz Name:	USGS Maryland Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	WASHINGTON
Construction Date:		Latitude:	39.71759456000000
Source Map Scale:	24000	Longitude:	-77.7072155000000
Monitoring Loc Name:	WA Ai 50		
Monitoring Loc Identifier:	USGS-394303077422701		
Monitoring Loc Type:	Spring		
Monitoring Loc Desc:			
HUC Eight Digit Code:	02070004		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	655.		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
61	WNW	0.93	4,902.01	620.81	FED USGS

Organiz Identifier:	USGS-MD	Formation Type:	Rockdale Run Formation
Organiz Name:	USGS Maryland Water Science Center	Aquifer Name:	Valley and Ridge aquifers
Well Depth:	68	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	68	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	WASHINGTON
Construction Date:	19800616	Latitude:	39.72037225000000
Source Map Scale:	24000	Longitude:	-77.7411050000000
Monitoring Loc Name:	WA Ai 86		
Monitoring Loc Identifier:	USGS-394313077442901		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	02070004		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	620.		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Water Wells

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	WNW	0.22	1,178.17	697.93	WATER WELLS

Permit:	WA811155	Level Before:	1
Driller ID:	MWD0041	Level During:	1
Approx Depth:	50	Test Pump Type:	O
Drill Method:	AIR-ROT	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	11/20/1985	Closed:	
Completion Date:	9/8/1985	Abandoned:	

Total Depth:	83	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	BC	B1 Recd:	9/5/1985
Grout Top:	13	City:	GAITHERSBURG
Grout Bottom:	15	State:	MD
Casing Type:	ST	Zip:	20878
Casing Diam:	6	Driller Name:	EASTERDAY, LOUIS D.
Casing Depth:	17	Subdivision:	
Casing Height:	+02	Section:	CCW
Screen Type 1:	HO	Lot:	1
Top Screen 1:	15	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	83	Town Distance:	5.4 MI
Screen Type 2:		Town Direction:	S
Top Screen 2:		Road Name:	STATE LINE
Bottom Screen 2:		Road Side:	S
Screen Type 3:		Road Distance:	600 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227914
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.717504
Hrs Pumped:	1	Lon Dec Deg:	77.728384
Pumping Rate:	1	Issue Date:	9/5/1985
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	WSW	0.26	1,364.20	706.21	WATER WELLS

Permit:	WA940460	Level Before:	13
Driller ID:	MGD 28	Level During:	16
Approx Depth:	100	Test Pump Type:	S
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	8437	Column Length:	
C1 Recd:	8/26/1996	Closed:	
Completion Date:	6/16/1996	Abandoned:	
Total Depth:	140	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	2939

Grout Type:	CM	B1 Recd:	5/6/1996
Grout Top:		City:	TRENTON
Grout Bottom:	80	State:	NJ
Casing Type:	ST	Zip:	08610
Casing Diam:	4	Driller Name:	RICHARD D SIES SR
Casing Depth:	80	Subdivision:	WASHINGTON
Casing Height:	+2	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	80	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	140	Town Distance:	5
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	CITICORP DR
Bottom Screen 2:		Road Side:	W
Screen Type 3:		Road Distance:	300 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227609
Telescoping:	T	E Grid83:	337542
Log Type:		Lat Dec Deg:	39.714759
Hrs Pumped:	1	Lon Dec Deg:	77.728356
Pumping Rate:	10	Issue Date:	5/7/1996
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	WSW	0.26	1,364.20	706.21	WATER WELLS

Permit:	WA941101	Level Before:	11
Driller ID:	MWD 40	Level During:	80
Approx Depth:	80	Test Pump Type:	A
Drill Method:	AIR-ROT	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	3639	Column Length:	
C1 Recd:	3/12/1998	Closed:	
Completion Date:	2/3/1998	Abandoned:	
Total Depth:	81	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	2423
Grout Type:	CM	B1 Recd:	1/26/1998
Grout Top:		City:	ALEXANDRIA
Grout Bottom:	18	State:	VA
Casing Type:	ST	Zip:	22312

Wells and Additional Sources Detail Report

Casing Diam:	6	Driller Name:	GEORGE F EASTERDAY
Casing Depth:	20	Subdivision:	CITICORP
Casing Height:	+2	Section:	
Screen Type 1:	HO	Lot:	CCW6
Top Screen 1:	18	Nearest Town:	MAUGANSVILLE
Bottom Screen 1:	81	Town Distance:	2
Screen Type 2:		Town Direction:	NE
Top Screen 2:		Road Name:	CITICORP DRIVE
Bottom Screen 2:		Road Side:	E
Screen Type 3:		Road Distance:	500 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227609
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.714759
Hrs Pumped:	2	Lon Dec Deg:	77.728356
Pumping Rate:	6	Issue Date:	1/28/1998
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	WSW	0.26	1,364.20	706.21	WATER WELLS

Permit:	WA941103	Level Before:	
Driller ID:	MWD 40	Level During:	
Approx Depth:	20	Test Pump Type:	
Drill Method:	AIR-ROT	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	C
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	2426
Grout Type:		B1 Recd:	1/26/1998
Grout Top:		City:	ALEXANDRIA
Grout Bottom:		State:	VA
Casing Type:		Zip:	22312
Casing Diam:		Driller Name:	GEORGE F EASTERDAY
Casing Depth:		Subdivision:	CITICORP
Casing Height:		Section:	
Screen Type 1:		Lot:	BA-01

Wells and Additional Sources Detail Report

Top Screen 1:		Nearest Town:	MAUGANSVILLE
Bottom Screen 1:		Town Distance:	2
Screen Type 2:		Town Direction:	NE
Top Screen 2:		Road Name:	CITICORP DRIVE
Bottom Screen 2:		Road Side:	E
Screen Type 3:		Road Distance:	500 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227609
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.714759
Hrs Pumped:		Lon Dec Deg:	77.728356
Pumping Rate:		Issue Date:	1/28/1998
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	WSW	0.26	1,364.20	706.21	WATER WELLS

Permit:	WA941105	Level Before:	
Driller ID:	MWD 40	Level During:	
Approx Depth:	20	Test Pump Type:	
Drill Method:	AIR-ROT	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	C
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	2425
Grout Type:		B1 Recd:	1/26/1998
Grout Top:		City:	ALEXANDRIA
Grout Bottom:		State:	VA
Casing Type:		Zip:	22312
Casing Diam:		Driller Name:	GEORGE F EASTERDAY
Casing Depth:		Subdivision:	CITICORP
Casing Height:		Section:	
Screen Type 1:		Lot:	BA-02
Top Screen 1:		Nearest Town:	MAUGANSVILLE
Bottom Screen 1:		Town Distance:	2
Screen Type 2:		Town Direction:	NE
Top Screen 2:		Road Name:	CITICORP DRIVE

Bottom Screen 2:		Road Side:	E
Screen Type 3:		Road Distance:	500 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227609
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.714759
Hrs Pumped:		Lon Dec Deg:	77.728356
Pumping Rate:		Issue Date:	1/28/1998
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	WSW	0.26	1,364.20	706.21	WATER WELLS

Permit:	WA941102	Level Before:	
Driller ID:	MWD 40	Level During:	
Approx Depth:	80	Test Pump Type:	
Drill Method:	AIR-ROT	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	3640	Column Length:	
C1 Recd:	3/12/1998	Closed:	
Completion Date:	2/3/1998	Abandoned:	
Total Depth:	120	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	2427
Grout Type:	CM	B1 Recd:	1/26/1998
Grout Top:		City:	ALEXANDRIA
Grout Bottom:	18	State:	VA
Casing Type:	ST	Zip:	22312
Casing Diam:	6	Driller Name:	GEORGE F EASTERDAY
Casing Depth:	20	Subdivision:	CITICORP
Casing Height:	+2	Section:	
Screen Type 1:	HO	Lot:	CCW7
Top Screen 1:	18	Nearest Town:	MAUGANSVILLE
Bottom Screen 1:	120	Town Distance:	2
Screen Type 2:		Town Direction:	NE
Top Screen 2:		Road Name:	CITICORP DRIVE
Bottom Screen 2:		Road Side:	E
Screen Type 3:		Road Distance:	500 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	

Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227609
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.714759
Hrs Pumped:		Lon Dec Deg:	77.728356
Pumping Rate:		Issue Date:	1/28/1998
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	WSW	0.26	1,364.20	706.21	WATER WELLS

Permit:	WA941104	Level Before:	
Driller ID:	MWD 40	Level During:	
Approx Depth:	20	Test Pump Type:	
Drill Method:	AIR-ROT	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	C
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	2424
Grout Type:		B1 Recd:	1/26/1998
Grout Top:		City:	ALEXANDRIA
Grout Bottom:		State:	VA
Casing Type:		Zip:	22312
Casing Diam:		Driller Name:	GEORGE F EASTERDAY
Casing Depth:		Subdivision:	CITICORP
Casing Height:		Section:	
Screen Type 1:		Lot:	BA-03
Top Screen 1:		Nearest Town:	MAUGANSVILLE
Bottom Screen 1:		Town Distance:	2
Screen Type 2:		Town Direction:	NE
Top Screen 2:		Road Name:	CITICORP DRIVE
Bottom Screen 2:		Road Side:	E
Screen Type 3:		Road Distance:	500 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227609
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.714759

Hrs Pumped:		Lon Dec Deg:	77.728356
Pumping Rate:		Issue Date:	1/28/1998
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	WSW	0.26	1,364.20	706.21	WATER WELLS

Permit:	WA940453	Level Before:	13
Driller ID:	MGD 28	Level During:	20
Approx Depth:	150	Test Pump Type:	S
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	8441	Column Length:	
C1 Recd:	8/26/1996	Closed:	
Completion Date:	6/18/1996	Abandoned:	
Total Depth:	135	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	2938
Grout Type:	CM	B1 Recd:	5/6/1996
Grout Top:		City:	TRENTON
Grout Bottom:	4	State:	NJ
Casing Type:	ST	Zip:	08610
Casing Diam:	4	Driller Name:	RICHARD D SIES SR
Casing Depth:	120	Subdivision:	
Casing Height:		Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	120	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	135	Town Distance:	5
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	CITICORP DR
Bottom Screen 2:		Road Side:	S
Screen Type 3:		Road Distance:	50 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227609
Telescoping:	T	E Grid83:	337542
Log Type:		Lat Dec Deg:	39.714759
Hrs Pumped:	1	Lon Dec Deg:	77.728356
Pumping Rate:	10	Issue Date:	5/7/1996
Est Gpm Produced:			
Use For Water Sim:	T		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	NW	0.32	1,680.09	693.00	WATER WELLS

Permit:	BA731624	Level Before:	
Driller ID:	MWD0120	Level During:	
Approx Depth:	150	Test Pump Type:	
Drill Method:	AIR-PER	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	C
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	BA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	
Grout Type:		B1 Recd:	7/30/1974
Grout Top:		City:	COCKEYSVILLE
Grout Bottom:		State:	MD
Casing Type:		Zip:	21030
Casing Diam:		Driller Name:	HARR, G EDGAR & SONS
Casing Depth:		Subdivision:	
Casing Height:	+00	Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	COCKEYSVILLE
Bottom Screen 1:		Town Distance:	3 MI
Screen Type 2:		Town Direction:	W
Top Screen 2:		Road Name:	FALLS RD
Bottom Screen 2:		Road Side:	E
Screen Type 3:		Road Distance:	300 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	228219
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.720249
Hrs Pumped:		Lon Dec Deg:	77.728413
Pumping Rate:		Issue Date:	7/26/1974
Est Gpm Produced:	5		
Use For Water Sim:	DW		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	SW	0.39	2,075.82	699.44	WATER WELLS

Wells and Additional Sources Detail Report

Permit:	WA730319	Level Before:	50
Driller ID:	MWD0103	Level During:	100
Approx Depth:	250	Test Pump Type:	A
Drill Method:	AIR-ROT	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	9/4/1973	Closed:	
Completion Date:	7/20/1973	Abandoned:	
Total Depth:	105	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	5/31/1973
Grout Top:	0	City:	CLEAR SPRING
Grout Bottom:	90	State:	MD
Casing Type:	ST	Zip:	
Casing Diam:	6	Driller Name:	LAMBERSON WELL CO
Casing Depth:	90	Subdivision:	
Casing Height:	+01	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	90	Nearest Town:	CLEAR SPRING
Bottom Screen 1:	105	Town Distance:	5 MI
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	MERCERSBURG RD
Bottom Screen 2:		Road Side:	E
Screen Type 3:		Road Distance:	100 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227304
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.712014
Hrs Pumped:	1	Lon Dec Deg:	77.728328
Pumping Rate:	10	Issue Date:	5/30/1973
Est Gpm Produced:	10		
Use For Water Sim:	DW		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	SW	0.39	2,075.82	699.44	WATER WELLS

Permit:	WA731391	Level Before:	40
Driller ID:	MWD0258	Level During:	50
Approx Depth:	150	Test Pump Type:	A
Drill Method:	AIR-PER	Pump Installed:	

Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	4/27/1976	Closed:	
Completion Date:	4/9/1976	Abandoned:	
Total Depth:	100	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	3/24/1976
Grout Top:	0	City:	HAGERSTOWN
Grout Bottom:	20	State:	MD
Casing Type:	ST	Zip:	
Casing Diam:	6	Driller Name:	WOODWARD, DENIS H
Casing Depth:	21	Subdivision:	
Casing Height:	+01	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	21	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	100	Town Distance:	5 MI
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	REID RD
Bottom Screen 2:		Road Side:	W
Screen Type 3:		Road Distance:	200 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227304
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.712014
Hrs Pumped:	3	Lon Dec Deg:	77.728328
Pumping Rate:	25	Issue Date:	3/23/1976
Est Gpm Produced:	5		
Use For Water Sim:	DW		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	SW	0.39	2,075.82	699.44	WATER WELLS

Permit:	WA941544	Level Before:	
Driller ID:	MWD 332	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:	AIR-PER	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	3021	Column Length:	

Wells and Additional Sources Detail Report

C1 Recd:	10/4/1999	Closed:	
Completion Date:	4/22/1999	Abandoned:	
Total Depth:	98	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	9911
Grout Type:	CM	B1 Recd:	4/19/1999
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	10	State:	MD
Casing Type:	ST	Zip:	21742
Casing Diam:	8	Driller Name:	CHARLES EICHELBERGER
Casing Depth:	10	Subdivision:	WASHINGTON CO REGION
Casing Height:	+2	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	10	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	98	Town Distance:	1
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	AIRPORT ACCESS RD
Bottom Screen 2:		Road Side:	W
Screen Type 3:		Road Distance:	200 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227304
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.712014
Hrs Pumped:		Lon Dec Deg:	77.728328
Pumping Rate:		Issue Date:	4/19/1999
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	SW	0.39	2,075.82	699.44	WATER WELLS

Permit:	WA941546	Level Before:	
Driller ID:	MWD 332	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:	AIR-PER	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	3023	Column Length:	
C1 Recd:	10/4/1999	Closed:	
Completion Date:	5/7/1999	Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA

Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	9913
Grout Type:	CM	B1 Recd:	4/19/1999
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	6	State:	MD
Casing Type:	ST	Zip:	21742
Casing Diam:	8	Driller Name:	CHARLES EICHELBERGER
Casing Depth:	6	Subdivision:	WASHINGTON CO REGION
Casing Height:	+2	Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	HAGERSTOWN
Bottom Screen 1:		Town Distance:	1
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	AIRPORT ACCESS RD
Bottom Screen 2:		Road Side:	W
Screen Type 3:		Road Distance:	200 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227304
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.712014
Hrs Pumped:		Lon Dec Deg:	77.728328
Pumping Rate:		Issue Date:	4/19/1999
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	SW	0.39	2,075.82	699.44	WATER WELLS

Permit:	WA941547	Level Before:	
Driller ID:	MWD 332	Level During:	
Approx Depth:	100	Test Pump Type:	
Drill Method:	AIR-PER	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	3024	Column Length:	
C1 Recd:	10/4/1999	Closed:	
Completion Date:	4/23/1999	Abandoned:	
Total Depth:	201	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	9914
Grout Type:	CM	B1 Recd:	4/19/1999
Grout Top:		City:	HAGERSTOWN

Grout Bottom:	6	State:	MD
Casing Type:	ST	Zip:	21742
Casing Diam:	4	Driller Name:	CHARLES EICHELBERGER
Casing Depth:	6	Subdivision:	WASHINGTON CO REGION
Casing Height:	+2	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	6	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	201	Town Distance:	1
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	AIRPORT ACCESS RD
Bottom Screen 2:		Road Side:	W
Screen Type 3:		Road Distance:	200 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227304
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.712014
Hrs Pumped:		Lon Dec Deg:	77.728328
Pumping Rate:		Issue Date:	4/19/1999
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	SW	0.39	2,075.82	699.44	WATER WELLS

Permit:	WA732631	Level Before:	20
Driller ID:	MWD0258	Level During:	200
Approx Depth:	150	Test Pump Type:	A
Drill Method:	AIR-PER	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:	WA1978G031	Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	12/20/1978	Closed:	
Completion Date:	12/8/1978	Abandoned:	
Total Depth:	200	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	11/27/1978
Grout Top:	0	City:	HAGERSTOWN
Grout Bottom:	21	State:	MD
Casing Type:	ST	Zip:	
Casing Diam:	6	Driller Name:	WOODWARD, DENIS H
Casing Depth:	21	Subdivision:	RISSER

Casing Height:	+01	Section:	
Screen Type 1:	HO	Lot:	5
Top Screen 1:	21	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	200	Town Distance:	9 MI
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	MASON DIXON LA
Bottom Screen 2:		Road Side:	S
Screen Type 3:		Road Distance:	200 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227304
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.712014
Hrs Pumped:	3	Lon Dec Deg:	77.728328
Pumping Rate:	4	Issue Date:	10/13/1978
Est Gpm Produced:	5		
Use For Water Sim:	I		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	SW	0.39	2,075.82	699.44	WATER WELLS

Permit:	WA731718	Level Before:	25
Driller ID:	MWD0258	Level During:	300
Approx Depth:	150	Test Pump Type:	A
Drill Method:	AIR-PER	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	3/4/1977	Closed:	
Completion Date:	2/10/1977	Abandoned:	
Total Depth:	305	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	12/27/1976
Grout Top:	0	City:	HAGERSTOWN
Grout Bottom:	25	State:	MD
Casing Type:	ST	Zip:	
Casing Diam:	6	Driller Name:	WOODWARD, DENIS H
Casing Depth:	25	Subdivision:	
Casing Height:	+01	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	25	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	305	Town Distance:	6 MI

Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	OAKS
Bottom Screen 2:		Road Side:	W
Screen Type 3:		Road Distance:	150 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227304
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.712014
Hrs Pumped:	2	Lon Dec Deg:	77.728328
Pumping Rate:	3	Issue Date:	12/20/1976
Est Gpm Produced:	5		
Use For Water Sim:	DW		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	SW	0.39	2,075.82	699.44	WATER WELLS

Permit:	WA941545	Level Before:	
Driller ID:	MWD 332	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:	AIR-PER	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	3022	Column Length:	
C1 Recd:	10/4/1999	Closed:	
Completion Date:	4/25/1999	Abandoned:	
Total Depth:	20	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	9912
Grout Type:	CM	B1 Recd:	4/19/1999
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	5	State:	MD
Casing Type:	ST	Zip:	21742
Casing Diam:	4	Driller Name:	CHARLES EICHELBERGER
Casing Depth:	5	Subdivision:	WASHINGTON CO REGION
Casing Height:	+2	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	5	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	20	Town Distance:	1
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	AIRPORT ACCESS RD
Bottom Screen 2:		Road Side:	W
Screen Type 3:		Road Distance:	200 FT

Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227304
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.712014
Hrs Pumped:		Lon Dec Deg:	77.728328
Pumping Rate:		Issue Date:	4/19/1999
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	SW	0.39	2,075.82	699.44	WATER WELLS

Permit:	WA941543	Level Before:	
Driller ID:	MWD 332	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:	AIR-PER	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	3020	Column Length:	
C1 Recd:	10/4/1999	Closed:	
Completion Date:	5/20/1999	Abandoned:	
Total Depth:	100	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	9910
Grout Type:	CM	B1 Recd:	4/19/1999
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	12	State:	MD
Casing Type:	ST	Zip:	21742
Casing Diam:	12	Driller Name:	CHARLES EICHELBERG
Casing Depth:	12	Subdivision:	WASHINGTON CO REGION
Casing Height:	+2	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	12	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	100	Town Distance:	1
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	AIRPORT ACCESS RD
Bottom Screen 2:		Road Side:	W
Screen Type 3:		Road Distance:	200 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227304

Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.712014
Hrs Pumped:		Lon Dec Deg:	77.728328
Pumping Rate:		Issue Date:	4/19/1999
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	W	0.41	2,169.29	664.28	WATER WELLS

Permit:	WA940462	Level Before:	5
Driller ID:	MGD 28	Level During:	6
Approx Depth:	100	Test Pump Type:	S
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	8438	Column Length:	
C1 Recd:	8/26/1996	Closed:	
Completion Date:	6/18/1996	Abandoned:	
Total Depth:	73	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	2941
Grout Type:	CM	B1 Recd:	5/6/1996
Grout Top:		City:	TRENTON
Grout Bottom:	58	State:	NJ
Casing Type:	ST	Zip:	08610
Casing Diam:	4	Driller Name:	RICHARD D SIES SR
Casing Depth:	58	Subdivision:	
Casing Height:	+2	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	58	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	73	Town Distance:	5
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	HENSON BLVD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	1000FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227914
Telescoping:	T	E Grid83:	337237
Log Type:		Lat Dec Deg:	39.717482
Hrs Pumped:	1	Lon Dec Deg:	77.731939
Pumping Rate:	10	Issue Date:	5/7/1996

Est Gpm Produced:
Use For Water Sim: T

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	W	0.41	2,169.29	664.28	WATER WELLS

Permit:	WA811156	Level Before:	1
Driller ID:	MWD0041	Level During:	1
Approx Depth:	50	Test Pump Type:	O
Drill Method:	AIR-ROT	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	11/20/1985	Closed:	
Completion Date:	9/10/1985	Abandoned:	
Total Depth:	50	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	BC	B1 Recd:	9/5/1985
Grout Top:	18	City:	GAITHERSBURG
Grout Bottom:	20	State:	MD
Casing Type:	ST	Zip:	20878
Casing Diam:	6	Driller Name:	EASTERDAY, LOUIS D.
Casing Depth:	23	Subdivision:	
Casing Height:	+03	Section:	CCW
Screen Type 1:	HO	Lot:	2
Top Screen 1:	20	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	50	Town Distance:	2.4 MI
Screen Type 2:		Town Direction:	S
Top Screen 2:		Road Name:	STATE LINE RD
Bottom Screen 2:		Road Side:	
Screen Type 3:		Road Distance:	850 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227914
Telescoping:		E Grid83:	337237
Log Type:		Lat Dec Deg:	39.717482
Hrs Pumped:	1	Lon Dec Deg:	77.731939
Pumping Rate:	1	Issue Date:	9/5/1985
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	WSW	0.43	2,274.69	683.50	WATER WELLS

Permit:	WA941143	Level Before:	
Driller ID:	MWD 387	Level During:	
Approx Depth:	25	Test Pump Type:	
Drill Method:	AIR-ROT	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	3680	Column Length:	
C1 Recd:	4/28/1998	Closed:	
Completion Date:	4/3/1998	Abandoned:	
Total Depth:	30	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	8088
Grout Type:	CM	B1 Recd:	3/10/1998
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	8	State:	MD
Casing Type:	ST	Zip:	21742
Casing Diam:	6	Driller Name:	NEIL C NEGLEY
Casing Depth:	10	Subdivision:	
Casing Height:	+2	Section:	
Screen Type 1:	HO	Lot:	MW3
Top Screen 1:	8	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	30	Town Distance:	4
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	18112 AIRPARK ROAD
Bottom Screen 2:		Road Side:	S
Screen Type 3:		Road Distance:	1100FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227609
Telescoping:		E Grid83:	337237
Log Type:		Lat Dec Deg:	39.714738
Hrs Pumped:		Lon Dec Deg:	77.73191
Pumping Rate:		Issue Date:	3/11/1998
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	WSW	0.43	2,274.69	683.50	WATER WELLS

Permit:	WA941141	Level Before:	
Driller ID:	MWD 387	Level During:	

Approx Depth:	25	Test Pump Type:	A
Drill Method:	AIR-ROT	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	3679	Column Length:	
C1 Recd:	4/28/1998	Closed:	
Completion Date:	4/16/1998	Abandoned:	
Total Depth:	25	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	8086
Grout Type:	BC	B1 Recd:	3/10/1998
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	8	State:	MD
Casing Type:	ST	Zip:	21742
Casing Diam:	6	Driller Name:	NEIL C NEGLEY
Casing Depth:	10	Subdivision:	
Casing Height:	+2	Section:	
Screen Type 1:	PL	Lot:	MW1
Top Screen 1:	5	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	25	Town Distance:	4
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	18112 AIR PARK ROAD
Bottom Screen 2:		Road Side:	S
Screen Type 3:		Road Distance:	200 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:	4	Parcel:	
Flowing Well:		N Grid83:	227609
Telescoping:	T	E Grid83:	337237
Log Type:		Lat Dec Deg:	39.714738
Hrs Pumped:	1	Lon Dec Deg:	77.73191
Pumping Rate:	0	Issue Date:	3/11/1998
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	WSW	0.43	2,274.69	683.50	WATER WELLS

Permit:	WA940461	Level Before:	25
Driller ID:	MGD 28	Level During:	59
Approx Depth:	50	Test Pump Type:	S
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	

Special Flag:		Pump Hp:	
C1 Seq:	8439	Column Length:	
C1 Recd:	8/26/1996	Closed:	
Completion Date:	6/19/1996	Abandoned:	
Total Depth:	65	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	2940
Grout Type:	CM	B1 Recd:	5/6/1996
Grout Top:		City:	TRENTON
Grout Bottom:	5	State:	NJ
Casing Type:	ST	Zip:	08610
Casing Diam:	4	Driller Name:	RICHARD D SIES SR
Casing Depth:	5	Subdivision:	
Casing Height:	+2	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	5	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	65	Town Distance:	5
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	CITICORP DR
Bottom Screen 2:		Road Side:	W
Screen Type 3:		Road Distance:	300 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227609
Telescoping:		E Grid83:	337237
Log Type:		Lat Dec Deg:	39.714738
Hrs Pumped:	3	Lon Dec Deg:	77.73191
Pumping Rate:	2	Issue Date:	5/7/1996
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	WSW	0.43	2,274.69	683.50	WATER WELLS

Permit:	WA940463	Level Before:	10
Driller ID:	MGD 28	Level During:	25
Approx Depth:	50	Test Pump Type:	S
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	8440	Column Length:	
C1 Recd:	8/26/1996	Closed:	
Completion Date:	6/18/1996	Abandoned:	

Total Depth:	43	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	2942
Grout Type:	CM	B1 Recd:	5/6/1996
Grout Top:		City:	TRENTON
Grout Bottom:	10	State:	NJ
Casing Type:	ST	Zip:	08610
Casing Diam:	4	Driller Name:	RICHARD D SIES SR
Casing Depth:	10	Subdivision:	
Casing Height:	+2	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	10	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	43	Town Distance:	5
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	HENSON BLVD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	950 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227609
Telescoping:		E Grid83:	337237
Log Type:		Lat Dec Deg:	39.714738
Hrs Pumped:	3	Lon Dec Deg:	77.73191
Pumping Rate:	5	Issue Date:	5/7/1996
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	WSW	0.43	2,274.69	683.50	WATER WELLS

Permit:	WA941142	Level Before:	
Driller ID:	MWD 387	Level During:	
Approx Depth:	25	Test Pump Type:	
Drill Method:	AIR-ROT	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	3681	Column Length:	
C1 Recd:	5/11/1998	Closed:	
Completion Date:	4/3/1998	Abandoned:	
Total Depth:	50	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	8087

Grout Type:	BC	B1 Recd:	3/10/1998
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	36	State:	MD
Casing Type:	ST	Zip:	21742
Casing Diam:	6	Driller Name:	NEIL C NEGLEY
Casing Depth:	38	Subdivision:	
Casing Height:	+2	Section:	
Screen Type 1:	HO	Lot:	MW2
Top Screen 1:	36	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	50	Town Distance:	4
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	18112 AIR PARK ROAD
Bottom Screen 2:		Road Side:	S
Screen Type 3:		Road Distance:	600 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227609
Telescoping:		E Grid83:	337237
Log Type:		Lat Dec Deg:	39.714738
Hrs Pumped:		Lon Dec Deg:	77.73191
Pumping Rate:		Issue Date:	3/11/1998
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	SW	0.52	2,760.77	687.55	WATER WELLS

Permit:	WA930046	Level Before:	
Driller ID:	MWD 053	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:		Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	4767
Grout Type:		B1 Recd:	11/4/1993
Grout Top:		City:	CHANTILLY
Grout Bottom:		State:	VA
Casing Type:		Zip:	22021

Casing Diam:		Driller Name:	DAVID T LYNN
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	HAGERSTOWN
Bottom Screen 1:		Town Distance:	4.5
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	HENSEN BLVD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	650 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227304
Telescoping:		E Grid83:	337237
Log Type:		Lat Dec Deg:	39.711993
Hrs Pumped:		Lon Dec Deg:	77.731882
Pumping Rate:		Issue Date:	11/4/1993
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	SW	0.52	2,760.77	687.55	WATER WELLS

Permit:	WA930089	Level Before:	1
Driller ID:	MGD 035	Level During:	1
Approx Depth:	40	Test Pump Type:	
Drill Method:	AIR-ROT	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	7544	Column Length:	
C1 Recd:	1/24/1994	Closed:	
Completion Date:	1/6/1994	Abandoned:	
Total Depth:	28	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	2117
Grout Type:	CM	B1 Recd:	12/14/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	3	State:	MD
Casing Type:	PL	Zip:	21742
Casing Diam:	4	Driller Name:	WALTER T CONNELLY
Casing Depth:	8	Subdivision:	
Casing Height:		Section:	
Screen Type 1:	PL	Lot:	

Top Screen 1:	8	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	18	Town Distance:	4
Screen Type 2:	PL	Town Direction:	N
Top Screen 2:	18	Road Name:	AIRPORT ACCESS ROAD
Bottom Screen 2:	28	Road Side:	S
Screen Type 3:		Road Distance:	500 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:	4	Parcel:	
Flowing Well:		N Grid83:	227304
Telescoping:		E Grid83:	337237
Log Type:		Lat Dec Deg:	39.711993
Hrs Pumped:	1	Lon Dec Deg:	77.731882
Pumping Rate:	1	Issue Date:	12/14/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	SW	0.52	2,760.77	687.55	WATER WELLS

Permit:	WA930090	Level Before:	1
Driller ID:	MGD 035	Level During:	1
Approx Depth:	40	Test Pump Type:	
Drill Method:	AIR-ROT	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	4245	Column Length:	
C1 Recd:	1/24/1994	Closed:	
Completion Date:	1/7/1994	Abandoned:	
Total Depth:	30	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	2116
Grout Type:	CM	B1 Recd:	12/14/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	8	State:	MD
Casing Type:	PL	Zip:	21742
Casing Diam:	4	Driller Name:	WALTER T CONNELLY
Casing Depth:	10	Subdivision:	
Casing Height:		Section:	
Screen Type 1:	PL	Lot:	
Top Screen 1:	10	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	20	Town Distance:	4
Screen Type 2:	PL	Town Direction:	N
Top Screen 2:	20	Road Name:	AIRPORT ACCESS RD

Bottom Screen 2:	30	Road Side:	S
Screen Type 3:		Road Distance:	500 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:	4	Parcel:	
Flowing Well:		N Grid83:	227304
Telescoping:		E Grid83:	337237
Log Type:		Lat Dec Deg:	39.711993
Hrs Pumped:	1	Lon Dec Deg:	77.731882
Pumping Rate:	1	Issue Date:	12/14/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	ESE	0.53	2,810.58	681.80	WATER WELLS

Permit:	WA810014	Level Before:	30
Driller ID:	MWD0258	Level During:	300
Approx Depth:	150	Test Pump Type:	A
Drill Method:	AIR-PER	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	12/21/1981	Closed:	
Completion Date:	8/25/1981	Abandoned:	
Total Depth:	300	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	7/8/1981
Grout Top:	0	City:	HAGERSTOWN
Grout Bottom:	20	State:	MD
Casing Type:	ST	Zip:	21740
Casing Diam:	6	Driller Name:	WOODWARD, DENIS H
Casing Depth:	20	Subdivision:	RUSSELL W PRIEST
Casing Height:	+01	Section:	
Screen Type 1:	HO	Lot:	B
Top Screen 1:	20	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	300	Town Distance:	5 MI
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	REID
Bottom Screen 2:		Road Side:	S
Screen Type 3:		Road Distance:	500 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	

Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227609
Telescoping:		E Grid83:	338761
Log Type:		Lat Dec Deg:	39.714846
Hrs Pumped:	3	Lon Dec Deg:	77.714139
Pumping Rate:	1	Issue Date:	7/6/1981
Est Gpm Produced:	5		
Use For Water Sim:	DW		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	SSE	0.53	2,819.52	699.32	WATER WELLS

Permit:	WA940456	Level Before:	6
Driller ID:	MGD 28	Level During:	34
Approx Depth:	50	Test Pump Type:	S
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	8434	Column Length:	
C1 Recd:	8/26/1996	Closed:	
Completion Date:	6/4/1996	Abandoned:	
Total Depth:	35	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	2937
Grout Type:	CM	B1 Recd:	5/6/1996
Grout Top:		City:	TRENTON
Grout Bottom:	5	State:	NJ
Casing Type:	ST	Zip:	08610
Casing Diam:	4	Driller Name:	RICHARD D SIES SR
Casing Depth:	5	Subdivision:	
Casing Height:	+2	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	5	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	35	Town Distance:	
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	CITICORP DR
Bottom Screen 2:		Road Side:	S
Screen Type 3:		Road Distance:	50 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226999
Telescoping:	T	E Grid83:	338152
Log Type:		Lat Dec Deg:	39.709313

Hrs Pumped:	3	Lon Dec Deg:	77.721191
Pumping Rate:	2	Issue Date:	5/7/1996
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	SSW	0.56	2,958.93	693.77	WATER WELLS

Permit:	WA930045	Level Before:	
Driller ID:	MWD 053	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:		Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	4766
Grout Type:		B1 Recd:	11/4/1993
Grout Top:		City:	CHANTILLY
Grout Bottom:		State:	VA
Casing Type:		Zip:	22021
Casing Diam:		Driller Name:	DAVID T LYNN
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	HAGERSTOWN
Bottom Screen 1:		Town Distance:	4.5
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	HENSEN BLVD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	450 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226999
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70927
Hrs Pumped:		Lon Dec Deg:	77.728299
Pumping Rate:		Issue Date:	11/4/1993
Est Gpm Produced:	1		
Use For Water Sim:	T		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	SSW	0.56	2,958.93	693.77	WATER WELLS

Permit:	WA930043	Level Before:	
Driller ID:	MWD 053	Level During:	
Approx Depth:	150	Test Pump Type:	
Drill Method:		Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	4763
Grout Type:		B1 Recd:	11/4/1993
Grout Top:		City:	CHANTILLY
Grout Bottom:		State:	VA
Casing Type:		Zip:	22021
Casing Diam:		Driller Name:	DAVID T LYNN
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	HAGERSTOWN
Bottom Screen 1:		Town Distance:	4.5
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	HENSEN BLVD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	300 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226999
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70927
Hrs Pumped:		Lon Dec Deg:	77.728299
Pumping Rate:		Issue Date:	11/4/1993
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	SSW	0.56	2,958.93	693.77	WATER WELLS

Wells and Additional Sources Detail Report

Permit:	WA930042	Level Before:	
Driller ID:	MWD 053	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:		Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	4765
Grout Type:		B1 Recd:	11/4/1993
Grout Top:		City:	CHANTILLY
Grout Bottom:		State:	VA
Casing Type:		Zip:	22021
Casing Diam:		Driller Name:	DAVID T LYNN
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	HAGERSTOWN
Bottom Screen 1:		Town Distance:	4.5
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	HENSEN BLVD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	250 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226999
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70927
Hrs Pumped:		Lon Dec Deg:	77.728299
Pumping Rate:		Issue Date:	11/4/1993
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	SSW	0.56	2,958.93	693.77	WATER WELLS

Permit:	WA930044	Level Before:	
Driller ID:	MWD 053	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:		Pump Installed:	

Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	4762
Grout Type:		B1 Recd:	11/4/1993
Grout Top:		City:	CHANTILLY
Grout Bottom:		State:	VA
Casing Type:		Zip:	22021
Casing Diam:		Driller Name:	DAVID T LYNN
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	HAGERSTOWN
Bottom Screen 1:		Town Distance:	4.5
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	HENSEN BLVD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	300 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226999
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70927
Hrs Pumped:		Lon Dec Deg:	77.728299
Pumping Rate:		Issue Date:	11/4/1993
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	WSW	0.60	3,152.40	637.51	WATER WELLS

Permit:	WA950827	Level Before:	14
Driller ID:	MSD 209	Level During:	295
Approx Depth:	300	Test Pump Type:	A
Drill Method:	AIR-PER	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	18148	Column Length:	

Wells and Additional Sources Detail Report

C1 Recd:	8/20/2013	Closed:	
Completion Date:	8/6/2013	Abandoned:	
Total Depth:	295	Abandon Date:	
Num Unsuccessful:		County Letter:	
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	4464
Grout Type:	BC	B1 Recd:	7/8/2013
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	20	State:	MD
Casing Type:	ST	Zip:	21740
Casing Diam:	6	Driller Name:	ROBERT HILL
Casing Depth:	21	Subdivision:	
Casing Height:	+1	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	20	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	295	Town Distance:	
Screen Type 2:		Town Direction:	
Top Screen 2:		Road Name:	18249 PHOENIX DR
Bottom Screen 2:		Road Side:	E
Screen Type 3:		Road Distance:	400 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	
Telescoping:		E Grid83:	
Log Type:		Lat Dec Deg:	39.714567
Hrs Pumped:	5	Lon Dec Deg:	77.7351
Pumping Rate:	100	Issue Date:	7/11/2013
Est Gpm Produced:	5		
Use For Water Sim:	I		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	W	0.60	3,165.96	645.43	WATER WELLS

Permit:	WA811158	Level Before:	1
Driller ID:	MWD0041	Level During:	1
Approx Depth:	60	Test Pump Type:	O
Drill Method:	AIR-ROT	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	11/20/1985	Closed:	
Completion Date:	9/6/1985	Abandoned:	
Total Depth:	70	Abandon Date:	
Num Unsuccessful:		County Letter:	WA

Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	BC	B1 Recd:	9/5/1985
Grout Top:	18	City:	GAITHERSBURG
Grout Bottom:	20	State:	MD
Casing Type:	ST	Zip:	20878
Casing Diam:	6	Driller Name:	EASTERDAY, LOUIS D.
Casing Depth:	22	Subdivision:	
Casing Height:	+02	Section:	CCW
Screen Type 1:	HO	Lot:	4
Top Screen 1:	20	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	70	Town Distance:	3.4 MI
Screen Type 2:		Town Direction:	S
Top Screen 2:		Road Name:	STATE LINE
Bottom Screen 2:		Road Side:	S
Screen Type 3:		Road Distance:	1650
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227914
Telescoping:		E Grid83:	336932
Log Type:		Lat Dec Deg:	39.71746
Hrs Pumped:	1	Lon Dec Deg:	77.735493
Pumping Rate:	1	Issue Date:	9/5/1985
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	W	0.60	3,165.96	645.43	WATER WELLS

Permit:	WA811157	Level Before:	1
Driller ID:	MWD0041	Level During:	1
Approx Depth:	50	Test Pump Type:	O
Drill Method:	AIR-ROT	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	11/20/1985	Closed:	
Completion Date:	9/6/1985	Abandoned:	
Total Depth:	80	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	BC	B1 Recd:	9/5/1985
Grout Top:	16	City:	GAITHERSBURG

Grout Bottom:	18	State:	MD
Casing Type:	ST	Zip:	20878
Casing Diam:	6	Driller Name:	EASTERDAY, LOUIS D.
Casing Depth:	20	Subdivision:	
Casing Height:	+02	Section:	CCW
Screen Type 1:	HO	Lot:	3
Top Screen 1:	18	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	80	Town Distance:	3.4 MI
Screen Type 2:		Town Direction:	S
Top Screen 2:		Road Name:	STATE LINE RD
Bottom Screen 2:		Road Side:	S
Screen Type 3:		Road Distance:	1550FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227914
Telescoping:		E Grid83:	336932
Log Type:		Lat Dec Deg:	39.71746
Hrs Pumped:	1	Lon Dec Deg:	77.735493
Pumping Rate:	1	Issue Date:	9/5/1985
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	S	0.63	3,306.50	692.82	WATER WELLS

Permit:	WA950908	Level Before:	
Driller ID:	MWD 552	Level During:	
Approx Depth:	120	Test Pump Type:	
Drill Method:	AIR-ROT	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	25131	Column Length:	
C1 Recd:	3/24/2014	Closed:	
Completion Date:	2/21/2014	Abandoned:	
Total Depth:	352	Abandon Date:	
Num Unsuccessful:		County Letter:	
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	5900
Grout Type:	CM	B1 Recd:	2/18/2014
Grout Top:	1	City:	HAGERSTOWN
Grout Bottom:	18	State:	MD
Casing Type:	ST	Zip:	21742
Casing Diam:	6	Driller Name:	KEVIN P WEIGLE
Casing Depth:	18	Subdivision:	

Casing Height:		Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	18	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	352	Town Distance:	
Screen Type 2:		Town Direction:	
Top Screen 2:		Road Name:	14235 OAK SPRINGS RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	195 FT
Top Screen 3:		Tax Map:	0024
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	0689
Flowing Well:		N Grid83:	
Telescoping:		E Grid83:	
Log Type:		Lat Dec Deg:	39.707773
Hrs Pumped:		Lon Dec Deg:	77.722404
Pumping Rate:		Issue Date:	2/18/2014
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	WNW	0.64	3,384.99	631.49	WATER WELLS

Permit:	WA940965	Level Before:	20
Driller ID:	MWD 101	Level During:	100
Approx Depth:	200	Test Pump Type:	A
Drill Method:	AIR-PER	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:	Y	Pump Hp:	
C1 Seq:	6897	Column Length:	
C1 Recd:	9/19/1997	Closed:	
Completion Date:	9/3/1997	Abandoned:	
Total Depth:	100	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	8111
Grout Type:	CM	B1 Recd:	8/21/1997
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	84	State:	MD
Casing Type:	ST	Zip:	21740
Casing Diam:	6	Driller Name:	LEO R HOLLAND
Casing Depth:	84	Subdivision:	
Casing Height:	+1	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	84	Nearest Town:	MAUGHANSVILLE
Bottom Screen 1:	100	Town Distance:	2

Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	MAUGHANSVILLE RD
Bottom Screen 2:		Road Side:	W
Screen Type 3:		Road Distance:	30 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	228219
Telescoping:		E Grid83:	336932
Log Type:		Lat Dec Deg:	39.720205
Hrs Pumped:	1	Lon Dec Deg:	77.735522
Pumping Rate:	30	Issue Date:	8/21/1997
Est Gpm Produced:	10		
Use For Water Sim:	DW		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	SSE	0.65	3,448.42	686.82	WATER WELLS

Permit:	WA950909	Level Before:	
Driller ID:	MWD 552	Level During:	
Approx Depth:	120	Test Pump Type:	
Drill Method:	AIR-ROT	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	25132	Column Length:	
C1 Recd:	3/24/2014	Closed:	
Completion Date:	2/24/2014	Abandoned:	
Total Depth:	83	Abandon Date:	
Num Unsuccessful:		County Letter:	
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	5899
Grout Type:	CM	B1 Recd:	2/18/2014
Grout Top:	1	City:	HAGERSTOWN
Grout Bottom:	18	State:	MD
Casing Type:	ST	Zip:	21742
Casing Diam:	6	Driller Name:	KEVIN P WEIGLE
Casing Depth:	18	Subdivision:	
Casing Height:		Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	18	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	83	Town Distance:	
Screen Type 2:		Town Direction:	
Top Screen 2:		Road Name:	14235 OAK SPRINGS RD
Bottom Screen 2:		Road Side:	E
Screen Type 3:		Road Distance:	170 FT

Top Screen 3:		Tax Map:	0024
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	0689
Flowing Well:		N Grid83:	
Telescoping:		E Grid83:	
Log Type:		Lat Dec Deg:	39.707643
Hrs Pumped:		Lon Dec Deg:	77.720626
Pumping Rate:		Issue Date:	2/18/2014
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	NE	0.66	3,505.23	714.88	WATER WELLS

Permit:	WA812610	Level Before:	46
Driller ID:	MWD0188	Level During:	80
Approx Depth:	250	Test Pump Type:	A
Drill Method:	AIR-PER	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	5/3/1989	Closed:	
Completion Date:	4/19/1989	Abandoned:	
Total Depth:	550	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	1/19/1989
Grout Top:	0	City:	HAGERSTOWN
Grout Bottom:	20	State:	MD
Casing Type:	ST	Zip:	21740
Casing Diam:	6	Driller Name:	SHAFF, JOHN V JR.
Casing Depth:	21	Subdivision:	
Casing Height:	+01	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	20	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	550	Town Distance:	5 MI
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	EDEN RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	300 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	228523

Telescoping:		E Grid83:	338761
Log Type:		Lat Dec Deg:	39.723081
Hrs Pumped:	3	Lon Dec Deg:	77.714222
Pumping Rate:	50	Issue Date:	1/19/1989
Est Gpm Produced:	8		
Use For Water Sim:	DW		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	WSW	0.68	3,596.92	641.47	WATER WELLS

Permit:	WA930040	Level Before:	
Driller ID:	MWD 053	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:		Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	4760
Grout Type:		B1 Recd:	11/4/1993
Grout Top:		City:	CHANTILLY
Grout Bottom:		State:	VA
Casing Type:		Zip:	22021
Casing Diam:		Driller Name:	DAVID T LYNN
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	HAGERSTOWN
Bottom Screen 1:		Town Distance:	4.5
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	HENSEN BLVD
Bottom Screen 2:		Road Side:	S
Screen Type 3:		Road Distance:	100 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227304
Telescoping:		E Grid83:	336932
Log Type:		Lat Dec Deg:	39.71197
Hrs Pumped:		Lon Dec Deg:	77.735436
Pumping Rate:		Issue Date:	11/4/1993

Est Gpm Produced:	1
Use For Water Sim:	T

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	WSW	0.68	3,596.92	641.47	WATER WELLS

Permit:	WA930039	Level Before:	
Driller ID:	MWD 053	Level During:	
Approx Depth:	150	Test Pump Type:	
Drill Method:		Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	4761
Grout Type:		B1 Recd:	11/4/1993
Grout Top:		City:	CHANTILLY
Grout Bottom:		State:	VA
Casing Type:		Zip:	22021
Casing Diam:		Driller Name:	DAVID T LYNN
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	HAGERSTOWN
Bottom Screen 1:		Town Distance:	4.5
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	HENSEN BLVD
Bottom Screen 2:		Road Side:	S
Screen Type 3:		Road Distance:	100 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227304
Telescoping:		E Grid83:	336932
Log Type:		Lat Dec Deg:	39.71197
Hrs Pumped:		Lon Dec Deg:	77.735436
Pumping Rate:		Issue Date:	11/4/1993
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
29	SSE	0.69	3,664.86	685.20	WATER WELLS

Permit:	WA950910	Level Before:	
Driller ID:	MWD 552	Level During:	
Approx Depth:	120	Test Pump Type:	
Drill Method:	AIR-ROT	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	25133	Column Length:	
C1 Recd:	3/24/2014	Closed:	
Completion Date:	2/24/2014	Abandoned:	
Total Depth:	77	Abandon Date:	
Num Unsuccessful:		County Letter:	
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	5898
Grout Type:	CM	B1 Recd:	2/18/2014
Grout Top:	1	City:	HAGERSTOWN
Grout Bottom:	28	State:	MD
Casing Type:	ST	Zip:	21742
Casing Diam:	6	Driller Name:	KEVIN P WEIGLE
Casing Depth:	28	Subdivision:	
Casing Height:		Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	28	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	77	Town Distance:	
Screen Type 2:		Town Direction:	
Top Screen 2:		Road Name:	14235 OAK SPRINGS RD
Bottom Screen 2:		Road Side:	E
Screen Type 3:		Road Distance:	270 FT
Top Screen 3:		Tax Map:	0024
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	0948
Flowing Well:		N Grid83:	
Telescoping:		E Grid83:	
Log Type:		Lat Dec Deg:	39.707043
Hrs Pumped:		Lon Dec Deg:	77.720556
Pumping Rate:		Issue Date:	2/18/2014
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	S	0.71	3,727.38	697.01	WATER WELLS

Permit:	WA920206	Level Before:	
Driller ID:	MWD 455	Level During:	

Approx Depth:	50	Test Pump Type:	
Drill Method:	BORED	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	C
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	3904
Grout Type:		B1 Recd:	5/18/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:		State:	MD
Casing Type:		Zip:	21742
Casing Diam:		Driller Name:	MICHAEL P WILLEY
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	MAUGANSVILLE
Bottom Screen 1:		Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER ROAD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	2600FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226695
Telescoping:		E Grid83:	337847
Log Type:		Lat Dec Deg:	39.706546
Hrs Pumped:		Lon Dec Deg:	77.724717
Pumping Rate:		Issue Date:	5/18/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	S	0.71	3,727.38	697.01	WATER WELLS

Permit:	WA920207	Level Before:	
Driller ID:	MWD 455	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:	BORED	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	

Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	C
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	3903
Grout Type:		B1 Recd:	5/18/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:		State:	MD
Casing Type:		Zip:	21742
Casing Diam:		Driller Name:	MICHAEL P WILLEY
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	MAUGANSVILLE
Bottom Screen 1:		Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER ROAD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	2000FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226695
Telescoping:		E Grid83:	337847
Log Type:		Lat Dec Deg:	39.706546
Hrs Pumped:		Lon Dec Deg:	77.724717
Pumping Rate:		Issue Date:	5/18/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	S	0.71	3,727.38	697.01	WATER WELLS

Permit:	WA940457	Level Before:	15
Driller ID:	MGD 28	Level During:	56
Approx Depth:	100	Test Pump Type:	S
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	8435	Column Length:	
C1 Recd:	8/26/1996	Closed:	
Completion Date:	6/4/1996	Abandoned:	

Total Depth:	66	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	2936
Grout Type:	CM	B1 Recd:	5/6/1996
Grout Top:		City:	TRENTON
Grout Bottom:	51	State:	NJ
Casing Type:	ST	Zip:	08610
Casing Diam:	4	Driller Name:	RICHARD D SIES SR
Casing Depth:	51	Subdivision:	
Casing Height:	+2	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	51	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	66	Town Distance:	5
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	CITICORP DR
Bottom Screen 2:		Road Side:	S
Screen Type 3:		Road Distance:	25 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226695
Telescoping:	T	E Grid83:	337847
Log Type:		Lat Dec Deg:	39.706546
Hrs Pumped:	2	Lon Dec Deg:	77.724717
Pumping Rate:	1	Issue Date:	5/7/1996
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	S	0.72	3,795.55	690.36	WATER WELLS

Permit:	WA942582	Level Before:	38
Driller ID:	MSD 133	Level During:	38
Approx Depth:	200	Test Pump Type:	S
Drill Method:	AIR-ROT	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	7661	Column Length:	
C1 Recd:	1/28/2002	Closed:	
Completion Date:	1/10/2002	Abandoned:	
Total Depth:	185	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	3563

Grout Type:	BC	B1 Recd:	1/11/2002
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	63	State:	MD
Casing Type:	ST	Zip:	21740
Casing Diam:	6	Driller Name:	CHARLIE BURCKER
Casing Depth:	63	Subdivision:	
Casing Height:	+1	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	63	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	185	Town Distance:	2
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	PA AVE
Bottom Screen 2:		Road Side:	E
Screen Type 3:		Road Distance:	1 MI
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226695
Telescoping:		E Grid83:	338152
Log Type:		Lat Dec Deg:	39.706568
Hrs Pumped:	4	Lon Dec Deg:	77.721163
Pumping Rate:	50	Issue Date:	1/11/2002
Est Gpm Produced:	5		
Use For Water Sim:	F		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SSW	0.74	3,899.27	693.18	WATER WELLS

Permit:	WA940455	Level Before:	15
Driller ID:	MGD 28	Level During:	15
Approx Depth:	100	Test Pump Type:	S
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	8433	Column Length:	
C1 Recd:	8/26/1996	Closed:	
Completion Date:	6/13/1996	Abandoned:	
Total Depth:	56	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	2934
Grout Type:	CM	B1 Recd:	5/6/1996
Grout Top:		City:	TRENTON
Grout Bottom:	41	State:	NJ
Casing Type:	ST	Zip:	08610

Casing Diam:	4	Driller Name:	RICHARD D SIES SR
Casing Depth:	41	Subdivision:	
Casing Height:		Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	41	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	56	Town Distance:	5
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	SHOWALTER RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	50 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226695
Telescoping:	T	E Grid83:	337542
Log Type:		Lat Dec Deg:	39.706525
Hrs Pumped:	3	Lon Dec Deg:	77.728271
Pumping Rate:	10	Issue Date:	5/7/1996
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SSW	0.74	3,899.27	693.18	WATER WELLS

Permit:	WA940454	Level Before:	
Driller ID:	MGD 28	Level During:	
Approx Depth:	50	Test Pump Type:	S
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	8442	Column Length:	
C1 Recd:	8/26/1996	Closed:	
Completion Date:	6/20/1996	Abandoned:	
Total Depth:	25	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	2935
Grout Type:	CM	B1 Recd:	5/6/1996
Grout Top:		City:	TRENTON
Grout Bottom:	11	State:	NJ
Casing Type:	ST	Zip:	08610
Casing Diam:	4	Driller Name:	RICHARD D SIES SR
Casing Depth:	11	Subdivision:	
Casing Height:		Section:	
Screen Type 1:	HO	Lot:	

Top Screen 1:	11	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	25	Town Distance:	5
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	SHOWALTER RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	25 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226695
Telescoping:	T	E Grid83:	337542
Log Type:		Lat Dec Deg:	39.706525
Hrs Pumped:		Lon Dec Deg:	77.728271
Pumping Rate:		Issue Date:	5/7/1996
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SSW	0.74	3,899.27	693.18	WATER WELLS

Permit:	WA930047	Level Before:	
Driller ID:	MWD 053	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:		Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	4759
Grout Type:		B1 Recd:	11/4/1993
Grout Top:		City:	CHANTILLY
Grout Bottom:		State:	VA
Casing Type:		Zip:	22021
Casing Diam:		Driller Name:	DAVID T LYNN
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	HAGERSTOWN
Bottom Screen 1:		Town Distance:	4
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	SHOWALTER RD

Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	900 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226695
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.706525
Hrs Pumped:		Lon Dec Deg:	77.728271
Pumping Rate:		Issue Date:	11/4/1993
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SSW	0.74	3,899.27	693.18	WATER WELLS

Permit:	WA940458	Level Before:	17
Driller ID:	MGD 28	Level During:	54
Approx Depth:	50	Test Pump Type:	S
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	8443	Column Length:	
C1 Recd:	8/26/1996	Closed:	
Completion Date:	6/10/1996	Abandoned:	
Total Depth:	55	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	2933
Grout Type:	CM	B1 Recd:	5/6/1996
Grout Top:		City:	TRENTON
Grout Bottom:	10	State:	NJ
Casing Type:	ST	Zip:	08610
Casing Diam:	4	Driller Name:	RICHARD D SIES SR
Casing Depth:	10	Subdivision:	
Casing Height:		Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	10	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	55	Town Distance:	5
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	SHOWALTER RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	25 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	

Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226695
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.706525
Hrs Pumped:	3	Lon Dec Deg:	77.728271
Pumping Rate:	2	Issue Date:	5/7/1996
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SSW	0.74	3,899.27	693.18	WATER WELLS

Permit:	WA930050	Level Before:	
Driller ID:	MWD 053	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:		Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	4754
Grout Type:		B1 Recd:	11/4/1993
Grout Top:		City:	CHANTILLY
Grout Bottom:		State:	VA
Casing Type:		Zip:	22021
Casing Diam:		Driller Name:	DAVID T LYNN
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	HAGERSTOWN
Bottom Screen 1:		Town Distance:	4
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	SHOWALTER RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	830 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226695
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.706525

Hrs Pumped:		Lon Dec Deg:	77.728271
Pumping Rate:		Issue Date:	11/4/1993
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SSW	0.74	3,899.27	693.18	WATER WELLS

Permit:	WA940459	Level Before:	17
Driller ID:	MGD 28	Level During:	203
Approx Depth:	100	Test Pump Type:	S
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	8436	Column Length:	
C1 Recd:	8/26/1996	Closed:	
Completion Date:	6/2/1996	Abandoned:	
Total Depth:	205	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	2932
Grout Type:	CM	B1 Recd:	5/6/1996
Grout Top:		City:	TRENTON
Grout Bottom:	68	State:	NJ
Casing Type:	ST	Zip:	08610
Casing Diam:	4	Driller Name:	RICHARD D SIES SR
Casing Depth:	68	Subdivision:	
Casing Height:		Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	68	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	205	Town Distance:	5
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	SHOWALTER RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	50 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226695
Telescoping:	T	E Grid83:	337542
Log Type:		Lat Dec Deg:	39.706525
Hrs Pumped:	4	Lon Dec Deg:	77.728271
Pumping Rate:	0	Issue Date:	5/7/1996
Est Gpm Produced:			
Use For Water Sim:	T		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SSW	0.74	3,899.27	693.18	WATER WELLS

Permit:	WA930049	Level Before:	
Driller ID:	MWD 053	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:		Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	4755
Grout Type:		B1 Recd:	11/4/1993
Grout Top:		City:	CHANTILLY
Grout Bottom:		State:	VA
Casing Type:		Zip:	22021
Casing Diam:		Driller Name:	DAVID T LYNN
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	HAGERSTOWN
Bottom Screen 1:		Town Distance:	4
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	SHOWALTER RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	840 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226695
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.706525
Hrs Pumped:		Lon Dec Deg:	77.728271
Pumping Rate:		Issue Date:	11/4/1993
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SSW	0.74	3,899.27	693.18	WATER WELLS

Wells and Additional Sources Detail Report

Permit:	WA930048	Level Before:	
Driller ID:	MWD 053	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:		Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	4758
Grout Type:		B1 Recd:	11/4/1993
Grout Top:		City:	CHANTILLY
Grout Bottom:		State:	VA
Casing Type:		Zip:	22021
Casing Diam:		Driller Name:	DAVID T LYNN
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	HAGERSTOWN
Bottom Screen 1:		Town Distance:	4
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	SHOWALTER RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	845 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226695
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.706525
Hrs Pumped:		Lon Dec Deg:	77.728271
Pumping Rate:		Issue Date:	11/4/1993
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SSW	0.74	3,899.27	693.18	WATER WELLS

Permit:	WA920198	Level Before:	
Driller ID:	MWD 455	Level During:	
Approx Depth:	400	Test Pump Type:	
Drill Method:	BORED	Pump Installed:	

Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	C
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	3911
Grout Type:		B1 Recd:	5/18/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:		State:	MD
Casing Type:		Zip:	21742
Casing Diam:		Driller Name:	MICHAEL P WILLEY
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	MAUGANSVILLE
Bottom Screen 1:		Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER ROAD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	1400FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226695
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.706525
Hrs Pumped:		Lon Dec Deg:	77.728271
Pumping Rate:		Issue Date:	5/18/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SSW	0.74	3,899.27	693.18	WATER WELLS

Permit:	WA920197	Level Before:	
Driller ID:	MWD 455	Level During:	
Approx Depth:	400	Test Pump Type:	
Drill Method:	BORED	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	

Wells and Additional Sources Detail Report

C1 Recd:		Closed:	C
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	3912
Grout Type:		B1 Recd:	5/18/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:		State:	MD
Casing Type:		Zip:	21742
Casing Diam:		Driller Name:	MICHAEL P WILLEY
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	MAUGANSVILLE
Bottom Screen 1:		Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER ROAD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	2350FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226695
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.706525
Hrs Pumped:		Lon Dec Deg:	77.728271
Pumping Rate:		Issue Date:	5/18/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SSW	0.74	3,899.27	693.18	WATER WELLS

Permit:	WA920199	Level Before:	
Driller ID:	MWD 455	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:	BORED	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	C
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA

Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	3910
Grout Type:		B1 Recd:	5/18/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:		State:	MD
Casing Type:		Zip:	21742
Casing Diam:		Driller Name:	MICHAEL P WILLEY
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	MAUGANSVILLE
Bottom Screen 1:		Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER ROAD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	800 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226695
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.706525
Hrs Pumped:		Lon Dec Deg:	77.728271
Pumping Rate:		Issue Date:	5/18/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SSW	0.74	3,899.27	693.18	WATER WELLS

Permit:	WA920205	Level Before:	
Driller ID:	MWD 455	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:	BORED	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	C
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	3905
Grout Type:		B1 Recd:	5/18/1993
Grout Top:		City:	HAGERSTOWN

Grout Bottom:		State:	MD
Casing Type:		Zip:	21742
Casing Diam:		Driller Name:	MICHAEL P WILLEY
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	MAUGANSVILLE
Bottom Screen 1:		Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER ROAD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	2200FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226695
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.706525
Hrs Pumped:		Lon Dec Deg:	77.728271
Pumping Rate:		Issue Date:	5/18/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
37	WNW	0.77	4,063.67	629.56	WATER WELLS

Permit:	WA811162	Level Before:	22
Driller ID:	MWD0041	Level During:	120
Approx Depth:	100	Test Pump Type:	A
Drill Method:	AIR-ROT	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:	WA1965G007	Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	12/12/1985	Closed:	
Completion Date:	9/12/1985	Abandoned:	
Total Depth:	120	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	9/9/1985
Grout Top:	0	City:	HAGERSTOWN
Grout Bottom:	23	State:	MD
Casing Type:	ST	Zip:	21740
Casing Diam:	6	Driller Name:	EASTERDAY, LOUIS D.
Casing Depth:	26	Subdivision:	

Casing Height:	2	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	26	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	120	Town Distance:	5.6 MI
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	STATE LINE
Bottom Screen 2:		Road Side:	S
Screen Type 3:		Road Distance:	150 FT
Top Screen 3:		Tax Map:	10
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	96
Flowing Well:		N Grid83:	228287
Telescoping:		E Grid83:	336737
Log Type:		Lat Dec Deg:	39.720806
Hrs Pumped:	3	Lon Dec Deg:	77.737806
Pumping Rate:	8	Issue Date:	9/9/1985
Est Gpm Produced:	10		
Use For Water Sim:	DW		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	ESE	0.78	4,096.95	644.62	WATER WELLS

Permit:	WA731716	Level Before:	12
Driller ID:	MWD0188	Level During:	28
Approx Depth:	150	Test Pump Type:	A
Drill Method:	AIR-PER	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	5/18/1977	Closed:	
Completion Date:	5/8/1977	Abandoned:	
Total Depth:	50	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	12/27/1976
Grout Top:	0	City:	HAGERSTOWN
Grout Bottom:	20	State:	MD
Casing Type:	ST	Zip:	
Casing Diam:	6	Driller Name:	SHAFF, JOHN V JR
Casing Depth:	21	Subdivision:	
Casing Height:	+01	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	21	Nearest Town:	STATE LINE
Bottom Screen 1:	50	Town Distance:	3 MI

Screen Type 2:		Town Direction:	SE
Top Screen 2:		Road Name:	REID RD
Bottom Screen 2:		Road Side:	S
Screen Type 3:		Road Distance:	100 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227304
Telescoping:		E Grid83:	339066
Log Type:		Lat Dec Deg:	39.712123
Hrs Pumped:	3	Lon Dec Deg:	77.710557
Pumping Rate:	22	Issue Date:	12/20/1976
Est Gpm Produced:	8		
Use For Water Sim:	DW		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	ESE	0.78	4,096.95	644.62	WATER WELLS

Permit:	WA732235	Level Before:	20
Driller ID:	MWD0191	Level During:	240
Approx Depth:	175	Test Pump Type:	A
Drill Method:	AIR-ROT	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	5/3/1978	Closed:	
Completion Date:	4/14/1978	Abandoned:	
Total Depth:	240	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	3/7/1978
Grout Top:	0	City:	SMITHSBURG
Grout Bottom:	21	State:	MD
Casing Type:	ST	Zip:	
Casing Diam:	6	Driller Name:	ARDINGER, ROBT K 2
Casing Depth:	21	Subdivision:	J D EARL MARTIN
Casing Height:	+01	Section:	
Screen Type 1:	HO	Lot:	8
Top Screen 1:	21	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	240	Town Distance:	4 MI
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	E SIDE MARSH PIKE
Bottom Screen 2:		Road Side:	E
Screen Type 3:		Road Distance:	200 FT

Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227304
Telescoping:		E Grid83:	339066
Log Type:		Lat Dec Deg:	39.712123
Hrs Pumped:	1	Lon Dec Deg:	77.710557
Pumping Rate:	6	Issue Date:	3/1/1978
Est Gpm Produced:	5		
Use For Water Sim:	DW		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	ESE	0.78	4,096.95	644.62	WATER WELLS

Permit:	WA720188	Level Before:	30
Driller ID:	MWD0258	Level During:	50
Approx Depth:	150	Test Pump Type:	S
Drill Method:	AIR-PER	Pump Installed:	
Replacement:	S	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	4/17/1972	Closed:	
Completion Date:	3/13/1972	Abandoned:	
Total Depth:	75	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	2/1/1972
Grout Top:	0	City:	HAGERSTOWN
Grout Bottom:	20	State:	MD
Casing Type:	ST	Zip:	
Casing Diam:	6	Driller Name:	WOODWARD, DENIS H
Casing Depth:	24	Subdivision:	
Casing Height:	+02	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	24	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	75	Town Distance:	5 MI
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	PARADISE CH RD
Bottom Screen 2:		Road Side:	
Screen Type 3:		Road Distance:	300 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227304

Telescoping:		E Grid83:	339066
Log Type:		Lat Dec Deg:	39.712123
Hrs Pumped:	3	Lon Dec Deg:	77.710557
Pumping Rate:	10	Issue Date:	1/31/1972
Est Gpm Produced:	5		
Use For Water Sim:	F		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	ESE	0.78	4,096.95	644.62	WATER WELLS

Permit:	WA732501	Level Before:	25
Driller ID:	MWD0258	Level During:	100
Approx Depth:	200	Test Pump Type:	A
Drill Method:	AIR-PER	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	11/8/1978	Closed:	
Completion Date:	9/27/1978	Abandoned:	
Total Depth:	125	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	8/28/1978
Grout Top:	0	City:	HAGERSTOWN
Grout Bottom:	20	State:	MD
Casing Type:	ST	Zip:	
Casing Diam:	6	Driller Name:	WOODWARD, DENIS H
Casing Depth:	21	Subdivision:	
Casing Height:	+01	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	62	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	125	Town Distance:	5 MI
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	MARSH PIKE
Bottom Screen 2:		Road Side:	W
Screen Type 3:		Road Distance:	30 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227304
Telescoping:	T	E Grid83:	339066
Log Type:		Lat Dec Deg:	39.712123
Hrs Pumped:	2	Lon Dec Deg:	77.710557
Pumping Rate:	100	Issue Date:	8/25/1978

Est Gpm Produced:	5
Use For Water Sim:	DW

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	ESE	0.78	4,096.95	644.62	WATER WELLS

Permit:	FR730398	Level Before:	40
Driller ID:	MWD0100	Level During:	150
Approx Depth:	125	Test Pump Type:	O
Drill Method:	CABLE	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	2/21/1973	Closed:	
Completion Date:	11/24/1972	Abandoned:	
Total Depth:	170	Abandon Date:	
Num Unsuccessful:		County Letter:	FR
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	11/9/1972
Grout Top:	0	City:	FREDERICK
Grout Bottom:	38	State:	MD
Casing Type:	ST	Zip:	
Casing Diam:	6	Driller Name:	HARRIS, JULIAN V
Casing Depth:	36	Subdivision:	CATOCTIN MANOR ESTS
Casing Height:	+02	Section:	
Screen Type 1:	HO	Lot:	11
Top Screen 1:	36	Nearest Town:	FREDERICK
Bottom Screen 1:	170	Town Distance:	5 MI
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	PEKKSKILL DR
Bottom Screen 2:		Road Side:	S
Screen Type 3:		Road Distance:	30 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227304
Telescoping:		E Grid83:	339066
Log Type:		Lat Dec Deg:	39.712123
Hrs Pumped:	1	Lon Dec Deg:	77.710557
Pumping Rate:	6	Issue Date:	7/21/1972
Est Gpm Produced:	5		
Use For Water Sim:	DW		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	ESE	0.78	4,096.95	644.62	WATER WELLS

Permit:	WA732569	Level Before:	30
Driller ID:	MWD0258	Level During:	175
Approx Depth:	150	Test Pump Type:	A
Drill Method:	AIR-PER	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	12/20/1978	Closed:	
Completion Date:	10/30/1978	Abandoned:	
Total Depth:	175	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	10/4/1978
Grout Top:	0	City:	HAGERSTOWN
Grout Bottom:	20	State:	MD
Casing Type:	ST	Zip:	
Casing Diam:	6	Driller Name:	WOODWARD, DENIS H
Casing Depth:	21	Subdivision:	
Casing Height:	+01	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	21	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	175	Town Distance:	4 MI
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	PARADISE CHURCH RD
Bottom Screen 2:		Road Side:	E
Screen Type 3:		Road Distance:	250 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227304
Telescoping:		E Grid83:	339066
Log Type:		Lat Dec Deg:	39.712123
Hrs Pumped:	2	Lon Dec Deg:	77.710557
Pumping Rate:	20	Issue Date:	9/30/1978
Est Gpm Produced:	5		
Use For Water Sim:	F		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	ESE	0.78	4,096.95	644.62	WATER WELLS

Permit:	WA731095	Level Before:	15
Driller ID:	MWD0258	Level During:	25

Approx Depth:	150	Test Pump Type:	O
Drill Method:	AIR-PER	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	7/25/1975	Closed:	
Completion Date:	6/17/1975	Abandoned:	
Total Depth:	75	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	6/4/1975
Grout Top:	0	City:	HAGERSTOWN
Grout Bottom:	23	State:	MD
Casing Type:	ST	Zip:	
Casing Diam:	6	Driller Name:	WOODWARD, DENIS H
Casing Depth:	23	Subdivision:	
Casing Height:	+01	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	23	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	75	Town Distance:	6 MI
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	REID
Bottom Screen 2:		Road Side:	S
Screen Type 3:		Road Distance:	75 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227304
Telescoping:		E Grid83:	339066
Log Type:		Lat Dec Deg:	39.712123
Hrs Pumped:	1	Lon Dec Deg:	77.710557
Pumping Rate:	40	Issue Date:	6/3/1975
Est Gpm Produced:	5		
Use For Water Sim:	DW		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	ESE	0.78	4,096.95	644.62	WATER WELLS

Permit:	FR737174	Level Before:	20
Driller ID:	MWD0293	Level During:	60
Approx Depth:	200	Test Pump Type:	R
Drill Method:	AIR-PER	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	

Wells and Additional Sources Detail Report

Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	9/24/1979	Closed:	
Completion Date:	9/7/1979	Abandoned:	
Total Depth:	165	Abandon Date:	
Num Unsuccessful:		County Letter:	FR
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	8/27/1979
Grout Top:	0	City:	UPPER MARLBORO
Grout Bottom:	21	State:	MD
Casing Type:	ST	Zip:	
Casing Diam:	6	Driller Name:	HARLEY, ROY
Casing Depth:	21	Subdivision:	SUNDAY MANOR
Casing Height:	+01	Section:	3
Screen Type 1:	HO	Lot:	24
Top Screen 1:	21	Nearest Town:	FREDERICK
Bottom Screen 1:	165	Town Distance:	8 MI
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	SUNDAYS LA
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	100 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227304
Telescoping:		E Grid83:	339066
Log Type:		Lat Dec Deg:	39.712123
Hrs Pumped:	3	Lon Dec Deg:	77.710557
Pumping Rate:	20	Issue Date:	5/14/1979
Est Gpm Produced:	3		
Use For Water Sim:	DW		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	ESE	0.78	4,096.95	644.62	WATER WELLS

Permit:	FR735582	Level Before:	30
Driller ID:	MWD0293	Level During:	85
Approx Depth:	150	Test Pump Type:	R
Drill Method:	AIR-PER	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	2/8/1978	Closed:	
Completion Date:	1/29/1978	Abandoned:	

Wells and Additional Sources Detail Report

Total Depth:	125	Abandon Date:	
Num Unsuccessful:		County Letter:	FR
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	12/19/1977
Grout Top:	0	City:	FREDERICK
Grout Bottom:	20	State:	MD
Casing Type:	ST	Zip:	
Casing Diam:	6	Driller Name:	HARLEY, ROY F
Casing Depth:	20	Subdivision:	TAURUS HILL
Casing Height:	+01	Section:	1
Screen Type 1:	HO	Lot:	1
Top Screen 1:	20	Nearest Town:	FREDERICK
Bottom Screen 1:	125	Town Distance:	8 MI
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	SUNDAYS LANE
Bottom Screen 2:		Road Side:	W
Screen Type 3:		Road Distance:	450 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227304
Telescoping:		E Grid83:	339066
Log Type:		Lat Dec Deg:	39.712123
Hrs Pumped:	3	Lon Dec Deg:	77.710557
Pumping Rate:	5	Issue Date:	11/21/1977
Est Gpm Produced:	3		
Use For Water Sim:	DW		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
39	SSE	0.78	4,103.07	653.09	WATER WELLS

Permit:	WA810054	Level Before:	50
Driller ID:	MWD0258	Level During:	300
Approx Depth:	300	Test Pump Type:	A
Drill Method:	AIR-PER	Pump Installed:	
Replacement:	S	Install Pump Type:	
WAP ID:		Capacity:	10
Special Flag:		Pump Hp:	.75
C1 Seq:		Column Length:	200
C1 Recd:	11/3/1981	Closed:	
Completion Date:	8/26/1981	Abandoned:	
Total Depth:	300	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	

Grout Type:	CM	B1 Recd:	8/24/1981
Grout Top:	0	City:	HAGERSTOWN
Grout Bottom:	21	State:	MD
Casing Type:	ST	Zip:	21740
Casing Diam:	6	Driller Name:	WOODWARD, DENIS H
Casing Depth:	21	Subdivision:	
Casing Height:	+01	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	21	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	300	Town Distance:	5 MI
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	EDEN
Bottom Screen 2:		Road Side:	S
Screen Type 3:		Road Distance:	30 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226695
Telescoping:		E Grid83:	338456
Log Type:		Lat Dec Deg:	39.70659
Hrs Pumped:	2	Lon Dec Deg:	77.717609
Pumping Rate:	10	Issue Date:	8/21/1981
Est Gpm Produced:	5		
Use For Water Sim:	DW		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
41	WNW	0.78	4,125.69	630.38	WATER WELLS

Permit:	WA941130	Level Before:	8
Driller ID:	MWD 387	Level During:	100
Approx Depth:	350	Test Pump Type:	A
Drill Method:	AIR-ROT	Pump Installed:	Y
Replacement:	N	Install Pump Type:	S
WAP ID:	WA1998G002	Capacity:	33
Special Flag:		Pump Hp:	3
C1 Seq:	3666	Column Length:	100
C1 Recd:	4/28/1998	Closed:	
Completion Date:	3/19/1998	Abandoned:	
Total Depth:	155	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	8089
Grout Type:	BC	B1 Recd:	3/3/1998
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	100	State:	MD
Casing Type:	ST	Zip:	21740

Casing Diam:	6	Driller Name:	NEIL C NEGLEY
Casing Depth:	101	Subdivision:	
Casing Height:	+1	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	100	Nearest Town:	STATE LINE PA
Bottom Screen 1:	155	Town Distance:	1
Screen Type 2:		Town Direction:	SW
Top Screen 2:		Road Name:	18221 MASON DIXON RD
Bottom Screen 2:		Road Side:	S
Screen Type 3:		Road Distance:	100 FT
Top Screen 3:		Tax Map:	10
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	96
Flowing Well:		N Grid83:	228290
Telescoping:		E Grid83:	336718
Log Type:		Lat Dec Deg:	39.720833
Hrs Pumped:	1	Lon Dec Deg:	77.738028
Pumping Rate:	50	Issue Date:	3/3/1998
Est Gpm Produced:	15		
Use For Water Sim:	I		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
42	W	0.79	4,164.56	635.42	WATER WELLS

Permit:	WA942586	Level Before:	36
Driller ID:	MSD 11	Level During:	175
Approx Depth:	200	Test Pump Type:	A
Drill Method:	AIR-PER	Pump Installed:	N
Replacement:	Y	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	3445	Column Length:	
C1 Recd:	2/12/2002	Closed:	A
Completion Date:	1/17/2002	Abandoned:	
Total Depth:	200	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	0189
Grout Type:	CM	B1 Recd:	12/10/2001
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	21	State:	MD
Casing Type:	ST	Zip:	21740
Casing Diam:	6	Driller Name:	JOHN A SHAFF
Casing Depth:	22	Subdivision:	
Casing Height:	+1	Section:	
Screen Type 1:	HO	Lot:	

Top Screen 1:	21	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	200	Town Distance:	2
Screen Type 2:		Town Direction:	NW
Top Screen 2:		Road Name:	CLEARWAY DR
Bottom Screen 2:		Road Side:	S
Screen Type 3:		Road Distance:	15 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227914
Telescoping:		E Grid83:	336628
Log Type:		Lat Dec Deg:	39.717438
Hrs Pumped:	3	Lon Dec Deg:	77.739048
Pumping Rate:	7	Issue Date:	1/9/2002
Est Gpm Produced:	8		
Use For Water Sim:	DW		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
42	W	0.79	4,164.56	635.42	WATER WELLS

Permit:	WA810359	Level Before:	50
Driller ID:	MWD0101	Level During:	500
Approx Depth:	200	Test Pump Type:	A
Drill Method:	AIR-ROT	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	12/30/1982	Closed:	
Completion Date:	12/15/1982	Abandoned:	
Total Depth:	500	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	12/15/1982
Grout Top:	0	City:	HAGERSTOWN
Grout Bottom:	21	State:	MD
Casing Type:	ST	Zip:	21740
Casing Diam:	6	Driller Name:	HOLLAND, LEO JR.
Casing Depth:	21	Subdivision:	
Casing Height:	+01	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	21	Nearest Town:	MAUGANSVILLE
Bottom Screen 1:	500	Town Distance:	1.5 MI
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	MASON DIXON LANE

Bottom Screen 2:		Road Side:	S
Screen Type 3:		Road Distance:	30
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227914
Telescoping:		E Grid83:	336628
Log Type:		Lat Dec Deg:	39.717438
Hrs Pumped:	2	Lon Dec Deg:	77.739048
Pumping Rate:	1	Issue Date:	11/10/1982
Est Gpm Produced:	10		
Use For Water Sim:	DW		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
42	W	0.79	4,164.56	635.42	WATER WELLS

Permit:	WA810716	Level Before:	25
Driller ID:	MWD0101	Level During:	405
Approx Depth:	200	Test Pump Type:	A
Drill Method:	AIR-ROT	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	5/22/1984	Closed:	
Completion Date:	5/10/1984	Abandoned:	
Total Depth:	405	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	4/26/1984
Grout Top:	0	City:	GREENSCASTLE
Grout Bottom:	35	State:	PA
Casing Type:	ST	Zip:	17225
Casing Diam:	6	Driller Name:	HOLLAND, LEO JR.
Casing Depth:	35	Subdivision:	
Casing Height:	+01	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	35	Nearest Town:	MAUGANSVILLE
Bottom Screen 1:	405	Town Distance:	1.7 MI
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	MASON-DIXON
Bottom Screen 2:		Road Side:	S
Screen Type 3:		Road Distance:	275 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	

Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227914
Telescoping:		E Grid83:	336628
Log Type:		Lat Dec Deg:	39.717438
Hrs Pumped:	2	Lon Dec Deg:	77.739048
Pumping Rate:	1	Issue Date:	4/26/1984
Est Gpm Produced:	10		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
42	W	0.79	4,164.56	635.42	WATER WELLS

Permit:	WA942579	Level Before:	575
Driller ID:	MSD 133	Level During:	75
Approx Depth:	300	Test Pump Type:	S
Drill Method:	AIR-ROT	Pump Installed:	Y
Replacement:	D	Install Pump Type:	S
WAP ID:		Capacity:	5
Special Flag:		Pump Hp:	1.5
C1 Seq:	3439	Column Length:	600
C1 Recd:	1/28/2002	Closed:	D
Completion Date:	1/7/2002	Abandoned:	
Total Depth:	625	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	N	B1 Seq:	3503
Grout Type:		B1 Recd:	1/2/2002
Grout Top:		City:	HAGERSTOWN
Grout Bottom:		State:	MD
Casing Type:	ST	Zip:	21740
Casing Diam:	6	Driller Name:	CHARLIE BURCKER
Casing Depth:		Subdivision:	
Casing Height:	+1	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	55	Nearest Town:	MAUGANSVILLE
Bottom Screen 1:	625	Town Distance:	1
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	CLEARWAY DR
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	50 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227914
Telescoping:		E Grid83:	336628
Log Type:		Lat Dec Deg:	39.717438

Hrs Pumped:	1	Lon Dec Deg:	77.739048
Pumping Rate:	1	Issue Date:	1/3/2002
Est Gpm Produced:	5		
Use For Water Sim:	DW		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
42	W	0.79	4,164.56	635.42	WATER WELLS

Permit:	WA811951	Level Before:	8
Driller ID:	MWD0410	Level During:	55
Approx Depth:	200	Test Pump Type:	A
Drill Method:	AIR-ROT	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	11/20/1987	Closed:	
Completion Date:	7/14/1987	Abandoned:	
Total Depth:	55	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	7/10/1987
Grout Top:	0	City:	HAGERSTOWN
Grout Bottom:	35	State:	MD
Casing Type:	ST	Zip:	21740
Casing Diam:	6	Driller Name:	SHAFF, GARY W
Casing Depth:	35	Subdivision:	
Casing Height:	+01	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	35	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	55	Town Distance:	3 MI
Screen Type 2:		Town Direction:	NW
Top Screen 2:		Road Name:	MAUGANSVILLE RD
Bottom Screen 2:		Road Side:	E
Screen Type 3:		Road Distance:	45 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227914
Telescoping:		E Grid83:	336628
Log Type:		Lat Dec Deg:	39.717438
Hrs Pumped:	3	Lon Dec Deg:	77.739048
Pumping Rate:	50	Issue Date:	7/23/1987
Est Gpm Produced:	10		
Use For Water Sim:	DW		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	W	0.80	4,219.72	629.43	WATER WELLS

Permit:	WA941461	Level Before:	25
Driller ID:	MWD 387	Level During:	90
Approx Depth:	200	Test Pump Type:	A
Drill Method:	AIR-ROT	Pump Installed:	N
Replacement:	Y	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	3239	Column Length:	
C1 Recd:	2/1/1999	Closed:	A
Completion Date:	1/7/1999	Abandoned:	
Total Depth:	140	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:	N	Mgs ID:	
Grouted:	Y	B1 Seq:	9614
Grout Type:	BC	B1 Recd:	1/13/1999
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	89	State:	MD
Casing Type:	ST	Zip:	21740
Casing Diam:	6	Driller Name:	NEIL C NEGLEY
Casing Depth:	90	Subdivision:	
Casing Height:	+1	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	89	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	140	Town Distance:	5
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	14612 MAUGANSVILLE R
Bottom Screen 2:		Road Side:	W
Screen Type 3:		Road Distance:	60 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227609
Telescoping:		E Grid83:	336628
Log Type:		Lat Dec Deg:	39.714693
Hrs Pumped:	1	Lon Dec Deg:	77.739019
Pumping Rate:	60	Issue Date:	1/13/1999
Est Gpm Produced:	6		
Use For Water Sim:	DW		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
46	SSW	0.82	4,303.33	684.09	WATER WELLS

Wells and Additional Sources Detail Report

Permit:	WA920196	Level Before:	
Driller ID:	MWD 455	Level During:	
Approx Depth:	400	Test Pump Type:	
Drill Method:	BORED	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	C
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	3913
Grout Type:		B1 Recd:	5/18/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:		State:	MD
Casing Type:		Zip:	21742
Casing Diam:		Driller Name:	MICHAEL P WILLEY
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	MAUGANSVILLE
Bottom Screen 1:		Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER ROAD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	1600FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226695
Telescoping:		E Grid83:	337237
Log Type:		Lat Dec Deg:	39.706503
Hrs Pumped:		Lon Dec Deg:	77.731825
Pumping Rate:		Issue Date:	5/18/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
46	SSW	0.82	4,303.33	684.09	WATER WELLS

Permit:	WA930041	Level Before:	
Driller ID:	MWD 053	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:		Pump Installed:	

Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	4764
Grout Type:		B1 Recd:	11/4/1993
Grout Top:		City:	CHANTILLY
Grout Bottom:		State:	VA
Casing Type:		Zip:	22021
Casing Diam:		Driller Name:	DAVID T LYNN
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	HAGERSTOWN
Bottom Screen 1:		Town Distance:	4.5
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	HENSEN BLVD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	50 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226695
Telescoping:		E Grid83:	337237
Log Type:		Lat Dec Deg:	39.706503
Hrs Pumped:		Lon Dec Deg:	77.731825
Pumping Rate:		Issue Date:	11/4/1993
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
46	SSW	0.82	4,303.33	684.09	WATER WELLS

Permit:	WA920204	Level Before:	
Driller ID:	MWD 455	Level During:	
Approx Depth:	400	Test Pump Type:	
Drill Method:	BORED	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	

Wells and Additional Sources Detail Report

C1 Recd:		Closed:	C
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	3906
Grout Type:		B1 Recd:	5/18/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:		State:	MD
Casing Type:		Zip:	21742
Casing Diam:		Driller Name:	MICHAEL P WILLEY
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	MAUGANSVILLE
Bottom Screen 1:		Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER ROAD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	2000FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226695
Telescoping:		E Grid83:	337237
Log Type:		Lat Dec Deg:	39.706503
Hrs Pumped:		Lon Dec Deg:	77.731825
Pumping Rate:		Issue Date:	5/18/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
48	WNW	0.82	4,333.14	625.78	WATER WELLS

Permit:	WA811843	Level Before:	100
Driller ID:	MWD0406	Level During:	500
Approx Depth:	200	Test Pump Type:	A
Drill Method:	AIR-PER	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	7/14/1987	Closed:	
Completion Date:	6/19/1987	Abandoned:	
Total Depth:	500	Abandon Date:	
Num Unsuccessful:		County Letter:	WA

Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	4/29/1987
Grout Top:	0	City:	BLUE RDGE SMT
Grout Bottom:	21	State:	PA
Casing Type:	ST	Zip:	17214
Casing Diam:	6	Driller Name:	WOODWARD, DEAN J
Casing Depth:	21	Subdivision:	
Casing Height:	+01	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	21	Nearest Town:	MAUGANSVILLE
Bottom Screen 1:	500	Town Distance:	1.8 MI
Screen Type 2:		Town Direction:	S
Top Screen 2:		Road Name:	MASON DIXON LA
Bottom Screen 2:		Road Side:	S
Screen Type 3:		Road Distance:	150 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	228219
Telescoping:		E Grid83:	336628
Log Type:		Lat Dec Deg:	39.720183
Hrs Pumped:	4	Lon Dec Deg:	77.739076
Pumping Rate:	1	Issue Date:	5/19/1987
Est Gpm Produced:	5		
Use For Water Sim:	DW		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
56	SE	0.87	4,608.80	651.29	WATER WELLS

Permit:	WA810826	Level Before:	16
Driller ID:	MWD0188	Level During:	208
Approx Depth:	300	Test Pump Type:	A
Drill Method:	AIR-PER	Pump Installed:	
Replacement:	S	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	10/3/1984	Closed:	
Completion Date:	9/10/1984	Abandoned:	
Total Depth:	425	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	8/13/1984
Grout Top:	0	City:	HAGERSTOWN

Grout Bottom:	20	State:	MD
Casing Type:	ST	Zip:	21740
Casing Diam:	6	Driller Name:	SHAFF, JOHN V JR.
Casing Depth:	21	Subdivision:	
Casing Height:	+01	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	21	Nearest Town:	STATE LINE
Bottom Screen 1:	425	Town Distance:	.7 MI
Screen Type 2:		Town Direction:	SE
Top Screen 2:		Road Name:	EDEN RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	.25 MI
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226999
Telescoping:		E Grid83:	339066
Log Type:		Lat Dec Deg:	39.709378
Hrs Pumped:	2	Lon Dec Deg:	77.710529
Pumping Rate:	10	Issue Date:	8/16/1984
Est Gpm Produced:	15		
Use For Water Sim:	F		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
58	E	0.89	4,723.06	656.87	WATER WELLS

Permit:	WA812314	Level Before:	45
Driller ID:	MWD0406	Level During:	350
Approx Depth:	250	Test Pump Type:	A
Drill Method:	AIR-PER	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	7/8/1988	Closed:	
Completion Date:	6/21/1988	Abandoned:	
Total Depth:	350	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	6/20/1988
Grout Top:	0	City:	HAGERSTOWN
Grout Bottom:	42	State:	MD
Casing Type:	ST	Zip:	21740
Casing Diam:	6	Driller Name:	WOODWARD, DEAN J
Casing Depth:	42	Subdivision:	

Casing Height:	+01	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	42	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	350	Town Distance:	6 MI
Screen Type 2:		Town Direction:	NE
Top Screen 2:		Road Name:	REID RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	65 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	227914
Telescoping:		E Grid83:	339371
Log Type:		Lat Dec Deg:	39.717634
Hrs Pumped:	3	Lon Dec Deg:	77.707058
Pumping Rate:	10	Issue Date:	6/21/1988
Est Gpm Produced:	5		
Use For Water Sim:	DW		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	S	0.90	4,726.90	693.90	WATER WELLS

Permit:	WA811294	Level Before:	15
Driller ID:	MWD0258	Level During:	50
Approx Depth:	100	Test Pump Type:	A
Drill Method:	AIR-PER	Pump Installed:	
Replacement:	Y	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	6/24/1986	Closed:	X
Completion Date:	3/14/1986	Abandoned:	
Total Depth:	125	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	3/12/1986
Grout Top:	0	City:	HAGERSTOWN
Grout Bottom:	40	State:	MD
Casing Type:	ST	Zip:	21740
Casing Diam:	6	Driller Name:	WOODWARD, DENIS H
Casing Depth:	40	Subdivision:	GATEWAY IND. PARK
Casing Height:	+01	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	41	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	50	Town Distance:	2.5 MI

Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	SHOWALTER
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	650 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337847
Log Type:		Lat Dec Deg:	39.703801
Hrs Pumped:	1	Lon Dec Deg:	77.724689
Pumping Rate:	1	Issue Date:	3/12/1986
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	S	0.90	4,726.90	693.90	WATER WELLS

Permit:	WA810822	Level Before:	
Driller ID:	MWD0369	Level During:	
Approx Depth:	25	Test Pump Type:	
Drill Method:	AIR-ROT	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	3/27/1985	Closed:	C
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	
Grout Type:		B1 Recd:	8/14/1984
Grout Top:		City:	HAGERSTOWN
Grout Bottom:		State:	MD
Casing Type:		Zip:	21740
Casing Diam:		Driller Name:	ADAMS, JAMES A.
Casing Depth:		Subdivision:	
Casing Height:	+00	Section:	24
Screen Type 1:		Lot:	985
Top Screen 1:		Nearest Town:	HAGERSTOWN
Bottom Screen 1:		Town Distance:	4.3 MI
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	SHOWALTER
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	1000FT

Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337847
Log Type:		Lat Dec Deg:	39.703801
Hrs Pumped:		Lon Dec Deg:	77.724689
Pumping Rate:		Issue Date:	8/14/1984
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	S	0.90	4,726.90	693.90	WATER WELLS

Permit:	WA810819	Level Before:	11
Driller ID:	MWD0369	Level During:	11
Approx Depth:	25	Test Pump Type:	O
Drill Method:	AIR-ROT	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	9/14/1984	Closed:	A
Completion Date:	8/28/1984	Abandoned:	
Total Depth:	20	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	8/14/1984
Grout Top:	0	City:	HAGERSTOWN
Grout Bottom:	5	State:	MD
Casing Type:	PL	Zip:	21740
Casing Diam:	2	Driller Name:	ADAMS, JAMES A.
Casing Depth:	10	Subdivision:	
Casing Height:	+02	Section:	24
Screen Type 1:	PL	Lot:	985
Top Screen 1:	10	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	20	Town Distance:	4.3 MI
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	SHOWALTER
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	1000FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:	2	Parcel:	
Flowing Well:		N Grid83:	226390

Telescoping:		E Grid83:	337847
Log Type:		Lat Dec Deg:	39.703801
Hrs Pumped:	1	Lon Dec Deg:	77.724689
Pumping Rate:	1	Issue Date:	8/14/1984
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	S	0.90	4,726.90	693.90	WATER WELLS

Permit:	WA810820	Level Before:	13
Driller ID:	MWD0369	Level During:	13
Approx Depth:	25	Test Pump Type:	O
Drill Method:	AIR-ROT	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	9/14/1984	Closed:	A
Completion Date:	8/21/1984	Abandoned:	
Total Depth:	20	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	8/14/1984
Grout Top:	0	City:	HAGERSTOWN
Grout Bottom:	5	State:	MD
Casing Type:	PL	Zip:	21740
Casing Diam:	2	Driller Name:	ADAMS, JAMES A.
Casing Depth:	10	Subdivision:	
Casing Height:	+02	Section:	24
Screen Type 1:	PL	Lot:	985
Top Screen 1:	10	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	20	Town Distance:	4.3 MI
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	SHOWALTER
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	1000FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:	2	Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337847
Log Type:		Lat Dec Deg:	39.703801
Hrs Pumped:	1	Lon Dec Deg:	77.724689
Pumping Rate:	1	Issue Date:	8/14/1984

Est Gpm Produced:
Use For Water Sim: T

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	S	0.90	4,726.90	693.90	WATER WELLS

Permit:	WA810821	Level Before:	13
Driller ID:	MWD0369	Level During:	13
Approx Depth:	25	Test Pump Type:	O
Drill Method:	AIR-ROT	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	9/14/1984	Closed:	A
Completion Date:	8/21/1984	Abandoned:	
Total Depth:	30	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	8/15/1984
Grout Top:	0	City:	HAGERSTOWN
Grout Bottom:	5	State:	MD
Casing Type:	PL	Zip:	21740
Casing Diam:	2	Driller Name:	ADAMS, JAMES A.
Casing Depth:	20	Subdivision:	
Casing Height:	+02	Section:	24
Screen Type 1:	PL	Lot:	985
Top Screen 1:	20	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	30	Town Distance:	4.3 MI
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	SHOWALTER
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	1000FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:	2	Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337847
Log Type:		Lat Dec Deg:	39.703801
Hrs Pumped:	1	Lon Dec Deg:	77.724689
Pumping Rate:	1	Issue Date:	8/14/1984
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	S	0.90	4,726.90	693.90	WATER WELLS

Permit:	WA810823	Level Before:	13
Driller ID:	MWD0369	Level During:	13
Approx Depth:	25	Test Pump Type:	O
Drill Method:	AIR-ROT	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:	9/14/1984	Closed:	A
Completion Date:	8/24/1984	Abandoned:	
Total Depth:	20	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	
Grout Type:	CM	B1 Recd:	8/15/1984
Grout Top:	0	City:	HAGERSTOWN
Grout Bottom:	5	State:	MD
Casing Type:	PL	Zip:	21740
Casing Diam:	2	Driller Name:	ADAMS, JAMES A.
Casing Depth:	10	Subdivision:	
Casing Height:	+02	Section:	24
Screen Type 1:	PL	Lot:	985
Top Screen 1:	10	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	20	Town Distance:	4.3 MI
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	SHOWALTER
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	1000FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:	2	Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337847
Log Type:		Lat Dec Deg:	39.703801
Hrs Pumped:	1	Lon Dec Deg:	77.724689
Pumping Rate:	1	Issue Date:	8/14/1984
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA920200	Level Before:	
Driller ID:	MWD 455	Level During:	

Approx Depth:	400	Test Pump Type:	
Drill Method:	BORED	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	C
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	3909
Grout Type:		B1 Recd:	5/18/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:		State:	MD
Casing Type:		Zip:	21742
Casing Diam:		Driller Name:	MICHAEL P WILLEY
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	MAUGANSVILLE
Bottom Screen 1:		Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER ROAD
Bottom Screen 2:		Road Side:	
Screen Type 3:		Road Distance:	800 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:		Lon Dec Deg:	77.728242
Pumping Rate:		Issue Date:	5/18/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA880312	Level Before:	1
Driller ID:	MWD0336	Level During:	1
Approx Depth:	35	Test Pump Type:	O
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	

Special Flag:	N	Pump Hp:	
C1 Seq:	5151	Column Length:	
C1 Recd:	4/24/1990	Closed:	
Completion Date:	8/13/1987	Abandoned:	
Total Depth:	24	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	3059
Grout Type:	CM	B1 Recd:	10/4/1989
Grout Top:	0	City:	HAGARSTOWN
Grout Bottom:	10	State:	MD
Casing Type:	PL	Zip:	21740
Casing Diam:	4	Driller Name:	MICHAEL W. HUBER
Casing Depth:	14	Subdivision:	
Casing Height:	+2	Section:	
Screen Type 1:	PL	Lot:	
Top Screen 1:	14	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	24	Town Distance:	0
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER ROAD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	450 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:	4	Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:	1	Lon Dec Deg:	77.728242
Pumping Rate:	1	Issue Date:	10/5/1989
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA930054	Level Before:	
Driller ID:	MWD 053	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:		Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	
Completion Date:		Abandoned:	

Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	4751
Grout Type:		B1 Recd:	11/4/1993
Grout Top:		City:	CHANTILLY
Grout Bottom:		State:	VA
Casing Type:		Zip:	22021
Casing Diam:		Driller Name:	DAVID T LYNN
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	HAGERSTOWN
Bottom Screen 1:		Town Distance:	4
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	SHOWALTER RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	800 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:		Lon Dec Deg:	77.728242
Pumping Rate:		Issue Date:	11/4/1993
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA880314	Level Before:	1
Driller ID:	MWD0336	Level During:	1
Approx Depth:	40	Test Pump Type:	O
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:	N	Pump Hp:	
C1 Seq:	5153	Column Length:	
C1 Recd:	4/26/1990	Closed:	
Completion Date:	11/6/1987	Abandoned:	
Total Depth:	46	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	3057

Grout Type:	CM	B1 Recd:	10/4/1989
Grout Top:	0	City:	HAGARSTOWN
Grout Bottom:	4	State:	MD
Casing Type:	PL	Zip:	21740
Casing Diam:	4	Driller Name:	MICHAEL W. HUBER
Casing Depth:	4	Subdivision:	
Casing Height:	+2	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	4	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	46	Town Distance:	0
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER ROAD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	1000FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:	1	Lon Dec Deg:	77.728242
Pumping Rate:	1	Issue Date:	10/5/1989
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA880313	Level Before:	1
Driller ID:	MWD0336	Level During:	1
Approx Depth:	35	Test Pump Type:	O
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:	N	Pump Hp:	
C1 Seq:	5152	Column Length:	
C1 Recd:	4/24/1996	Closed:	
Completion Date:	8/11/1987	Abandoned:	
Total Depth:	35	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	3053
Grout Type:	CM	B1 Recd:	10/4/1989
Grout Top:	0	City:	HAGARSTOWN
Grout Bottom:	23	State:	MD
Casing Type:	PL	Zip:	21740

Casing Diam:	4	Driller Name:	MICHAEL W. HUBER
Casing Depth:	25	Subdivision:	
Casing Height:	+2	Section:	
Screen Type 1:	PL	Lot:	
Top Screen 1:	25	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	35	Town Distance:	0
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER ROAD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	720 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:	4	Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:	1	Lon Dec Deg:	77.728242
Pumping Rate:	1	Issue Date:	10/5/1989
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA920382	Level Before:	1
Driller ID:	MGD 046	Level During:	1
Approx Depth:	300	Test Pump Type:	O
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	0988	Column Length:	
C1 Recd:	9/19/1994	Closed:	
Completion Date:	6/16/1994	Abandoned:	
Total Depth:	400	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	8254
Grout Type:	CM	B1 Recd:	10/8/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	366	State:	MD
Casing Type:	PL	Zip:	21742
Casing Diam:	4	Driller Name:	MICHAEL W HUBER
Casing Depth:	370	Subdivision:	
Casing Height:		Section:	
Screen Type 1:	PL	Lot:	

Top Screen 1:	370	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	400	Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	300 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:	4	Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:	T	E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:	1	Lon Dec Deg:	77.728242
Pumping Rate:	1	Issue Date:	10/8/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA880310	Level Before:	1
Driller ID:	MWD0336	Level During:	1
Approx Depth:	30	Test Pump Type:	O
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:	N	Pump Hp:	
C1 Seq:	5149	Column Length:	
C1 Recd:	4/24/1990	Closed:	A
Completion Date:	8/10/1987	Abandoned:	
Total Depth:	33	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	2250
Grout Type:	CM	B1 Recd:	10/4/1989
Grout Top:	0	City:	HAGARSTOWN
Grout Bottom:	20	State:	MD
Casing Type:	PL	Zip:	21740
Casing Diam:	4	Driller Name:	MICHAEL W. HUBER
Casing Depth:	23	Subdivision:	
Casing Height:	+2	Section:	
Screen Type 1:	PL	Lot:	
Top Screen 1:	23	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	33	Town Distance:	0
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER ROAD

Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	565 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:	4	Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:	1	Lon Dec Deg:	77.728242
Pumping Rate:	1	Issue Date:	10/5/1989
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA920386	Level Before:	
Driller ID:	MWD 046	Level During:	
Approx Depth:	50	Test Pump Type:	O
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	0992	Column Length:	
C1 Recd:	9/21/1994	Closed:	
Completion Date:	10/22/1993	Abandoned:	
Total Depth:	36	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	8266
Grout Type:	CM	B1 Recd:	10/8/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	9	State:	MD
Casing Type:	ST	Zip:	21742
Casing Diam:	6	Driller Name:	MICHAEL W HUBER
Casing Depth:	9	Subdivision:	
Casing Height:	+02	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	9	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	36	Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	1500FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	

Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:		Lon Dec Deg:	77.728242
Pumping Rate:		Issue Date:	10/8/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA920383	Level Before:	
Driller ID:	MWD 046	Level During:	
Approx Depth:	50	Test Pump Type:	O
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	0989	Column Length:	
C1 Recd:	9/21/1994	Closed:	
Completion Date:	10/26/1993	Abandoned:	
Total Depth:	50	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	8263
Grout Type:	CM	B1 Recd:	10/8/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	9	State:	MD
Casing Type:	ST	Zip:	21742
Casing Diam:	6	Driller Name:	MICHAEL W HUBER
Casing Depth:	9	Subdivision:	
Casing Height:		Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	9	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	50	Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	100 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378

Hrs Pumped:		Lon Dec Deg:	77.728242
Pumping Rate:		Issue Date:	10/8/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA920379	Level Before:	1
Driller ID:	MWD 046	Level During:	1
Approx Depth:	300	Test Pump Type:	O
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	0985	Column Length:	
C1 Recd:	9/19/1994	Closed:	
Completion Date:	4/22/1994	Abandoned:	
Total Depth:	268	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	8250
Grout Type:	CM	B1 Recd:	10/8/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	254	State:	MD
Casing Type:	PL	Zip:	21742
Casing Diam:	4	Driller Name:	MICHAEL W HUBER
Casing Depth:	258	Subdivision:	
Casing Height:	+02	Section:	
Screen Type 1:	PL	Lot:	
Top Screen 1:	258	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	268	Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	1600FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:	4	Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:	T	E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:	1	Lon Dec Deg:	77.728242
Pumping Rate:	1	Issue Date:	10/8/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA920381	Level Before:	1
Driller ID:	MGD 046	Level During:	1
Approx Depth:	300	Test Pump Type:	O
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	0987	Column Length:	
C1 Recd:	9/19/1994	Closed:	
Completion Date:	4/22/1994	Abandoned:	
Total Depth:	195	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	8255
Grout Type:	CM	B1 Recd:	10/8/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	181	State:	MD
Casing Type:	PL	Zip:	21742
Casing Diam:	4	Driller Name:	MICHAEL W HUBER
Casing Depth:	185	Subdivision:	
Casing Height:	+02	Section:	
Screen Type 1:	PL	Lot:	
Top Screen 1:	185	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	195	Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	1300FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:	4	Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:	T	E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:	1	Lon Dec Deg:	77.728242
Pumping Rate:	1	Issue Date:	10/8/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Wells and Additional Sources Detail Report

Permit:	WA920390	Level Before:	
Driller ID:	MWD 046	Level During:	
Approx Depth:	50	Test Pump Type:	O
Drill Method:	BORED	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	0996	Column Length:	
C1 Recd:	9/21/1994	Closed:	
Completion Date:	10/28/1993	Abandoned:	
Total Depth:	65	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	8273
Grout Type:	CM	B1 Recd:	10/8/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	8	State:	MD
Casing Type:	ST	Zip:	21742
Casing Diam:	6	Driller Name:	MICHAEL W HUBER
Casing Depth:	8	Subdivision:	
Casing Height:		Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	8	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	65	Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	1500FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:		Lon Dec Deg:	77.728242
Pumping Rate:		Issue Date:	10/8/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA920203	Level Before:	
Driller ID:	MWD 455	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:	BORED	Pump Installed:	

Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	C
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	0882
Grout Type:		B1 Recd:	5/18/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:		State:	MD
Casing Type:		Zip:	21742
Casing Diam:		Driller Name:	MICHAEL P WILLEY
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	MAUGANSVILLE
Bottom Screen 1:		Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER ROAD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	1700FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:		Lon Dec Deg:	77.728242
Pumping Rate:		Issue Date:	5/18/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA920388	Level Before:	1
Driller ID:	MWD 046	Level During:	1
Approx Depth:	300	Test Pump Type:	O
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	0994	Column Length:	

C1 Recd:	9/19/1994	Closed:	
Completion Date:	8/18/1994	Abandoned:	
Total Depth:	300	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	8272
Grout Type:	CM	B1 Recd:	10/8/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	266	State:	MD
Casing Type:	PL	Zip:	21742
Casing Diam:	4	Driller Name:	MICHAEL W HUBER
Casing Depth:	270	Subdivision:	
Casing Height:		Section:	
Screen Type 1:	PL	Lot:	
Top Screen 1:	270	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	300	Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	800 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:	4	Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:	T	E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:	1	Lon Dec Deg:	77.728242
Pumping Rate:	1	Issue Date:	10/8/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA920389	Level Before:	
Driller ID:	MWD 046	Level During:	
Approx Depth:	50	Test Pump Type:	O
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	0995	Column Length:	
C1 Recd:	9/21/1994	Closed:	
Completion Date:	10/20/1993	Abandoned:	
Total Depth:	50	Abandon Date:	
Num Unsuccessful:		County Letter:	WA

Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	8274
Grout Type:	CM	B1 Recd:	10/8/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	11	State:	MD
Casing Type:	ST	Zip:	21742
Casing Diam:	6	Driller Name:	MICHAEL W HUBER
Casing Depth:	11	Subdivision:	
Casing Height:	+02	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	11	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	50	Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	1400FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:		Lon Dec Deg:	77.728242
Pumping Rate:		Issue Date:	10/8/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA920385	Level Before:	
Driller ID:	MWD 046	Level During:	
Approx Depth:	50	Test Pump Type:	O
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	0991	Column Length:	
C1 Recd:	9/21/1994	Closed:	
Completion Date:	10/21/1993	Abandoned:	
Total Depth:	35	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	8265
Grout Type:	CM	B1 Recd:	10/8/1993
Grout Top:		City:	HAGERSTOWN

Grout Bottom:	15	State:	MD
Casing Type:	ST	Zip:	21742
Casing Diam:	6	Driller Name:	MICHAEL W HUBER
Casing Depth:	15	Subdivision:	
Casing Height:	+02	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	15	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	35	Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	900 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:		Lon Dec Deg:	77.728242
Pumping Rate:		Issue Date:	10/8/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA920387	Level Before:	
Driller ID:	MWD 046	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	0993	Column Length:	
C1 Recd:	9/21/1994	Closed:	
Completion Date:	10/21/1993	Abandoned:	
Total Depth:	50	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	8271
Grout Type:	CM	B1 Recd:	10/8/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	12	State:	MD
Casing Type:	ST	Zip:	21742
Casing Diam:	6	Driller Name:	MICHAEL W HUBER
Casing Depth:	12	Subdivision:	

Casing Height:	+02	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	12	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	50	Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	200 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:		Lon Dec Deg:	77.728242
Pumping Rate:		Issue Date:	10/8/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA930052	Level Before:	
Driller ID:	MWD 053	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:		Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	4753
Grout Type:		B1 Recd:	11/4/1993
Grout Top:		City:	CHANTILLY
Grout Bottom:		State:	VA
Casing Type:		Zip:	22021
Casing Diam:		Driller Name:	DAVID T LYNN
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	HAGERSTOWN
Bottom Screen 1:		Town Distance:	4

Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	SHOWALTER RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	820 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:		Lon Dec Deg:	77.728242
Pumping Rate:		Issue Date:	11/4/1993
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA930053	Level Before:	
Driller ID:	MWD 053	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:		Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	4752
Grout Type:		B1 Recd:	11/4/1993
Grout Top:		City:	CHANTILLY
Grout Bottom:		State:	VA
Casing Type:		Zip:	22021
Casing Diam:		Driller Name:	DAVID T LYNN
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	HAGERSTOWN
Bottom Screen 1:		Town Distance:	4
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	SHOWALTER RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	810 FT

Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:		Lon Dec Deg:	77.728242
Pumping Rate:		Issue Date:	11/4/1993
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA930055	Level Before:	
Driller ID:	MWD 053	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:		Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	4757
Grout Type:		B1 Recd:	11/4/1993
Grout Top:		City:	CHANTILLY
Grout Bottom:		State:	VA
Casing Type:		Zip:	22021
Casing Diam:		Driller Name:	DAVID T LYNN
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	HAGERSTOWN
Bottom Screen 1:		Town Distance:	4
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	SHOWALTER
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	780 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226390

Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:		Lon Dec Deg:	77.728242
Pumping Rate:		Issue Date:	11/4/1993
Est Gpm Produced:	1		
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA930051	Level Before:	
Driller ID:	MWD 053	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:		Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	4756
Grout Type:		B1 Recd:	11/4/1993
Grout Top:		City:	CHANTILLY
Grout Bottom:		State:	VA
Casing Type:		Zip:	22021
Casing Diam:		Driller Name:	DAVID T LYNN
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	HAGERSTOWN
Bottom Screen 1:		Town Distance:	4
Screen Type 2:		Town Direction:	N
Top Screen 2:		Road Name:	SHOWALTER RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	815 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:		Lon Dec Deg:	77.728242
Pumping Rate:		Issue Date:	11/4/1993

Est Gpm Produced:	1
Use For Water Sim:	T

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA920202	Level Before:	
Driller ID:	MWD 455	Level During:	
Approx Depth:	50	Test Pump Type:	
Drill Method:	BORED	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	C
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	3907
Grout Type:		B1 Recd:	5/18/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:		State:	MD
Casing Type:		Zip:	21742
Casing Diam:		Driller Name:	MICHAEL P WILLEY
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	MAUGANSVILLE
Bottom Screen 1:		Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER ROAD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	1900FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:		Lon Dec Deg:	77.728242
Pumping Rate:		Issue Date:	5/18/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA920380	Level Before:	
Driller ID:	MGD 046	Level During:	
Approx Depth:	50	Test Pump Type:	O
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	4088	Column Length:	
C1 Recd:	9/21/1994	Closed:	
Completion Date:	10/23/1993	Abandoned:	
Total Depth:	50	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	8253
Grout Type:	CM	B1 Recd:	10/8/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	33	State:	MD
Casing Type:	ST	Zip:	21742
Casing Diam:	6	Driller Name:	MICHAEL W HUBER
Casing Depth:	33	Subdivision:	
Casing Height:		Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	33	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	50	Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	800 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:	T	E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:		Lon Dec Deg:	77.728242
Pumping Rate:		Issue Date:	10/8/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA880315	Level Before:	1
Driller ID:	MWD0336	Level During:	1

Wells and Additional Sources Detail Report

Approx Depth:	30	Test Pump Type:	O
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:	N	Pump Hp:	
C1 Seq:	5154	Column Length:	
C1 Recd:	4/26/1990	Closed:	
Completion Date:	11/9/1987	Abandoned:	
Total Depth:	22	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	3055
Grout Type:	CM	B1 Recd:	10/4/1989
Grout Top:	0	City:	HAGARSTOWN
Grout Bottom:	9	State:	MD
Casing Type:	PL	Zip:	21740
Casing Diam:	4	Driller Name:	MICHAEL W. HUBER
Casing Depth:	9	Subdivision:	
Casing Height:	+2	Section:	
Screen Type 1:	HO	Lot:	
Top Screen 1:	9	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	22	Town Distance:	0
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER ROAD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	3000FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:	1	Lon Dec Deg:	77.728242
Pumping Rate:	1	Issue Date:	10/5/1989
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA920201	Level Before:	
Driller ID:	MWD 455	Level During:	
Approx Depth:		Test Pump Type:	
Drill Method:	BORED	Pump Installed:	
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	

Special Flag:		Pump Hp:	
C1 Seq:		Column Length:	
C1 Recd:		Closed:	C
Completion Date:		Abandoned:	
Total Depth:		Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:		B1 Seq:	3908
Grout Type:		B1 Recd:	5/18/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:		State:	MD
Casing Type:		Zip:	21742
Casing Diam:		Driller Name:	MICHAEL P WILLEY
Casing Depth:		Subdivision:	
Casing Height:		Section:	
Screen Type 1:		Lot:	
Top Screen 1:		Nearest Town:	MAUGANSVILLE
Bottom Screen 1:		Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER ROAD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	1100FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:		Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:		Lon Dec Deg:	77.728242
Pumping Rate:		Issue Date:	5/18/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA920384	Level Before:	1
Driller ID:	MWD 046	Level During:	1
Approx Depth:	300	Test Pump Type:	O
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:		Pump Hp:	
C1 Seq:	0990	Column Length:	
C1 Recd:	9/19/1994	Closed:	
Completion Date:	8/18/1994	Abandoned:	

Total Depth:	286	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	8264
Grout Type:	CM	B1 Recd:	10/8/1993
Grout Top:		City:	HAGERSTOWN
Grout Bottom:	262	State:	MD
Casing Type:	PL	Zip:	21742
Casing Diam:	4	Driller Name:	MICHAEL W HUBER
Casing Depth:	266	Subdivision:	
Casing Height:	+02	Section:	
Screen Type 1:	PL	Lot:	
Top Screen 1:	266	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	286	Town Distance:	
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER RD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	100 FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:	4	Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:	T	E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:	1	Lon Dec Deg:	77.728242
Pumping Rate:	1	Issue Date:	10/8/1993
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA880309	Level Before:	1
Driller ID:	MWD0336	Level During:	1
Approx Depth:	25	Test Pump Type:	O
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:	N	Pump Hp:	
C1 Seq:	5148	Column Length:	
C1 Recd:	4/24/1990	Closed:	
Completion Date:	8/7/1987	Abandoned:	
Total Depth:	25	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	3056

Grout Type:	CM	B1 Recd:	10/4/1989
Grout Top:	0	City:	HAGARSTOWN
Grout Bottom:	3	State:	MD
Casing Type:	PL	Zip:	21740
Casing Diam:	4	Driller Name:	MICHAEL W. HUBER
Casing Depth:	5	Subdivision:	
Casing Height:	+2	Section:	
Screen Type 1:	PL	Lot:	
Top Screen 1:	5	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	25	Town Distance:	0
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER ROAD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	3 MI
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:	4	Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:	1	Lon Dec Deg:	77.728242
Pumping Rate:	1	Issue Date:	10/5/1989
Est Gpm Produced:			
Use For Water Sim:	T		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSW	0.92	4,863.49	689.97	WATER WELLS

Permit:	WA880311	Level Before:	1
Driller ID:	MWD0336	Level During:	1
Approx Depth:	75	Test Pump Type:	O
Drill Method:	BORED	Pump Installed:	N
Replacement:	N	Install Pump Type:	
WAP ID:		Capacity:	
Special Flag:	N	Pump Hp:	
C1 Seq:	5150	Column Length:	
C1 Recd:	4/24/1990	Closed:	
Completion Date:	8/12/1987	Abandoned:	
Total Depth:	80	Abandon Date:	
Num Unsuccessful:		County Letter:	WA
Hydrofracture:		Mgs ID:	
Grouted:	Y	B1 Seq:	3052
Grout Type:	CM	B1 Recd:	10/4/1989
Grout Top:	0	City:	HAGARSTOWN
Grout Bottom:	67	State:	MD
Casing Type:	PL	Zip:	21740

Wells and Additional Sources Detail Report

Casing Diam:	4	Driller Name:	MICHAEL W. HUBER
Casing Depth:	70	Subdivision:	
Casing Height:	+2	Section:	
Screen Type 1:	PL	Lot:	
Top Screen 1:	70	Nearest Town:	HAGERSTOWN
Bottom Screen 1:	80	Town Distance:	0
Screen Type 2:		Town Direction:	T
Top Screen 2:		Road Name:	SHOWALTER ROAD
Bottom Screen 2:		Road Side:	N
Screen Type 3:		Road Distance:	2000FT
Top Screen 3:		Tax Map:	
Bottom Screen 3:		Block:	
Screen Diam:	4	Parcel:	
Flowing Well:		N Grid83:	226390
Telescoping:		E Grid83:	337542
Log Type:		Lat Dec Deg:	39.70378
Hrs Pumped:	1	Lon Dec Deg:	77.728242
Pumping Rate:	1	Issue Date:	10/5/1989
Est Gpm Produced:			
Use For Water Sim:	T		

Radon Information

This section lists any relevant radon information found for the target property.

No Radon Zone Level records found for the project property or surrounding properties.

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L
Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L
Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

No Indoor Radon Data records found for the project property or surrounding properties.

Appendix

Federal Sources

FEMA National Flood Hazard Layer — **FEMA FLOOD**

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data — **INDOOR RADON**

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data — **PWSV**

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level — **RADON ZONE**

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS) — **SDWIS**

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

Soil Survey Geographic database — **SSURGO**

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

U.S. Fish & Wildlife Service Wetland Data — **US WETLAND**

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

USGS Current Topo — **US TOPO**

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology — **US GEOLOGY**

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System — **FED USGS**

The U.S. Geological Survey (USGS)'s National Water Information System (NWIS) is the nation's principal repository of water resources data. This database includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data.

Wells from NWIS — **FED USGS**

The U.S. Geological Survey's National Water Information System (NWIS) is the nation's principal repository of water resources data. The NWIS includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIW dataset contains select Site Types from the overall NWIS Sites data, limited to the following Group Site Types only: Groundwater Group Site Types: Well, Collector or Ranney type well, Hyporheic-zone well,

Appendix

Interconnected Wells, Multiple wells; Spring Group Site Type: Spring; and Other Group Site Types: Aggregate groundwater use, Cistern.

State Sources

Oil and Gas Wells **OGW**

A list of Natural Gas Wells maintained by Maryland's Department of Environment.

Water Wells **WATER WELLS**

Water use types included are farm (livestock watering & agricultural irrigation), geo-thermal, industrial-commercial-state & federal government, municipal, test-observation-monitoring. This is provided by Maryland Department of the Environment (MDE).

Liability Notice

Reliance on information in Report: The Physical Setting Report (PSR) DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a review of environmental databases and physical characteristics for the site or adjacent properties.

License for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

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TRIAD ENGINEERING, INC.

APPENDIX D: HISTORICAL AERIALS

HISTORICAL AERIALS

Project Property: 14616 Pennsylvania Ave
14616 Pennsylvania Avenue
Hagerstown MD 21742

Project No: 03-22-0777

Requested By: Triad Engineering Inc.

Order No: 22110700154

Date Completed: November 09,2022

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Scale	Comments
2021	United States Department of Agriculture	1" = 500'	
2018	United States Department of Agriculture	1" = 500'	
2017	United States Department of Agriculture	1" = 500'	
2015	United States Department of Agriculture	1" = 500'	
2013	United States Department of Agriculture	1" = 500'	
2011	United States Department of Agriculture	1" = 500'	
2009	United States Department of Agriculture	1" = 500'	
2007	United States Department of Agriculture	1" = 500'	
2006	United States Department of Agriculture	1" = 500'	
2005	United States Department of Agriculture	1" = 500'	
1999	United States Geological Survey	1" = 500'	
1994	United States Geological Survey	1" = 500'	
1989	United States Geological Survey	1" = 500'	
1980	United States Geological Survey	1" = 500'	
1968	United States Geological Survey	1" = 500'	
1957	Agricultural Stabilization & Conserv. Service	1" = 500'	
1952	Agricultural Stabilization & Conserv. Service	1" = 500'	Adjacent Frame Unavailable
1942	Agricultural Stabilization & Conserv. Service	1" = 500'	
1938	Agricultural Stabilization & Conserv. Service	1" = 500'	

Year: 2021
Source: USDA
Scale: 1" = 500'
Comment:

Address: 14616 Pennsylvania Avenue, Hagerstown, MD
Approx Center: -77.72403855,39.71685818

Order No: 22110700154

ERIS

Year: 2018
Source: USDA
Scale: 1" = 500'
Comment:

Address: 14616 Pennsylvania Avenue, Hagerstown, MD
Approx Center: -77.72403855,39.71685818

Order No: 22110700154

ERIS

Year: 2017
Source: USDA
Scale: 1" = 500'
Comment:

Address: 14616 Pennsylvania Avenue, Hagerstown, MD
Approx Center: -77.72403855,39.71685818

Order No: 22110700154

ERIS

Year: 2015
Source: USDA
Scale: 1" = 500'
Comment:

Address: 14616 Pennsylvania Avenue, Hagerstown, MD
Approx Center: -77.72403855,39.71685818

Order No: 22110700154

ERIS

Year: 2013
Source: USDA
Scale: 1" = 500'
Comment:

Address: 14616 Pennsylvania Avenue, Hagerstown, MD
Approx Center: -77.72403855,39.71685818

Order No: 22110700154

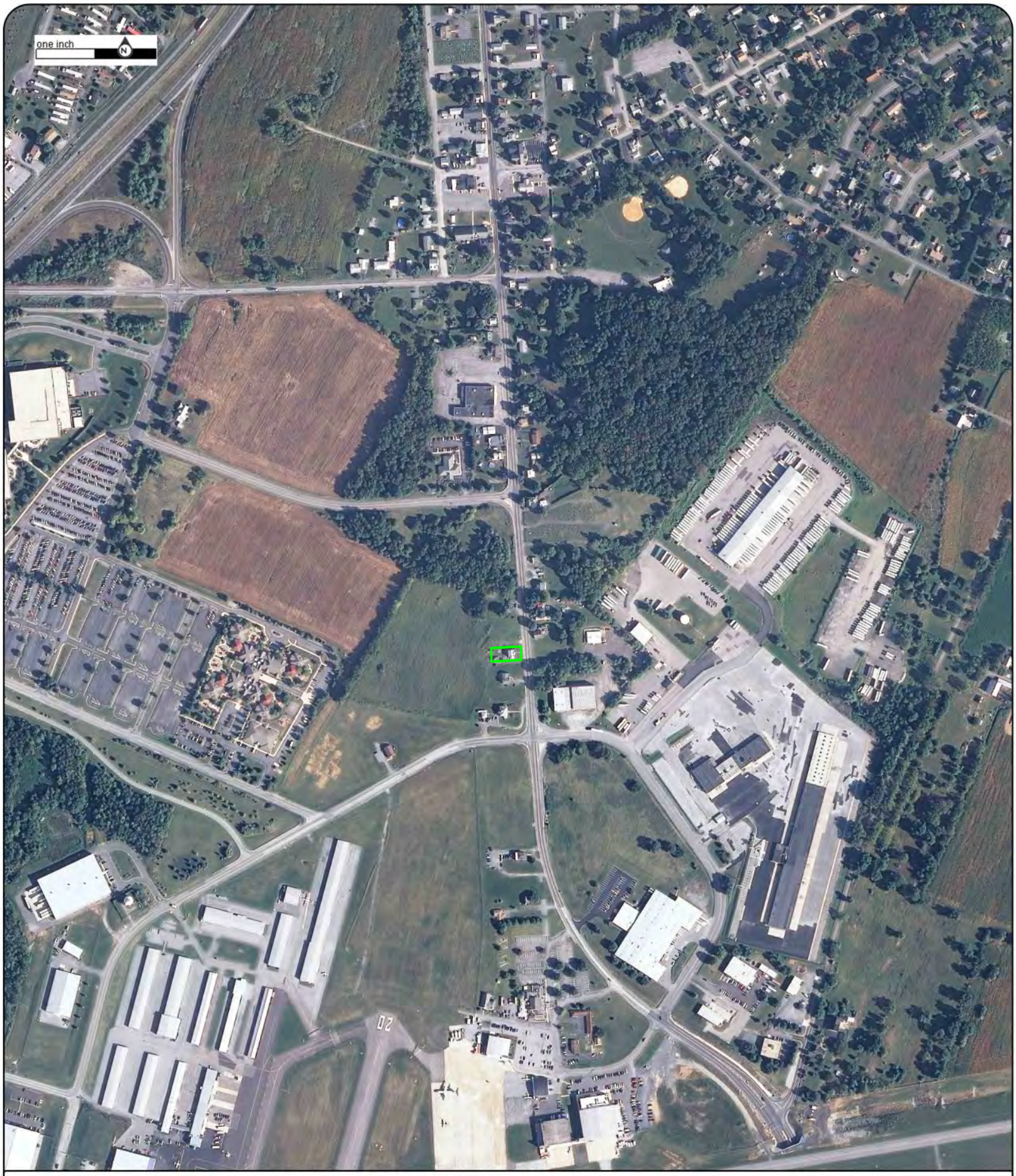
ERIS

Year: 2011
Source: USDA
Scale: 1" = 500'
Comment:

Address: 14616 Pennsylvania Avenue, Hagerstown, MD
Approx Center: -77.72403855,39.71685818

Order No: 22110700154

ERIS



Year: 2009
Source: USDA
Scale: 1" = 500'
Comment:

Address: 14616 Pennsylvania Avenue, Hagerstown, MD
Approx Center: -77.72403855,39.71685818

Order No: 22110700154

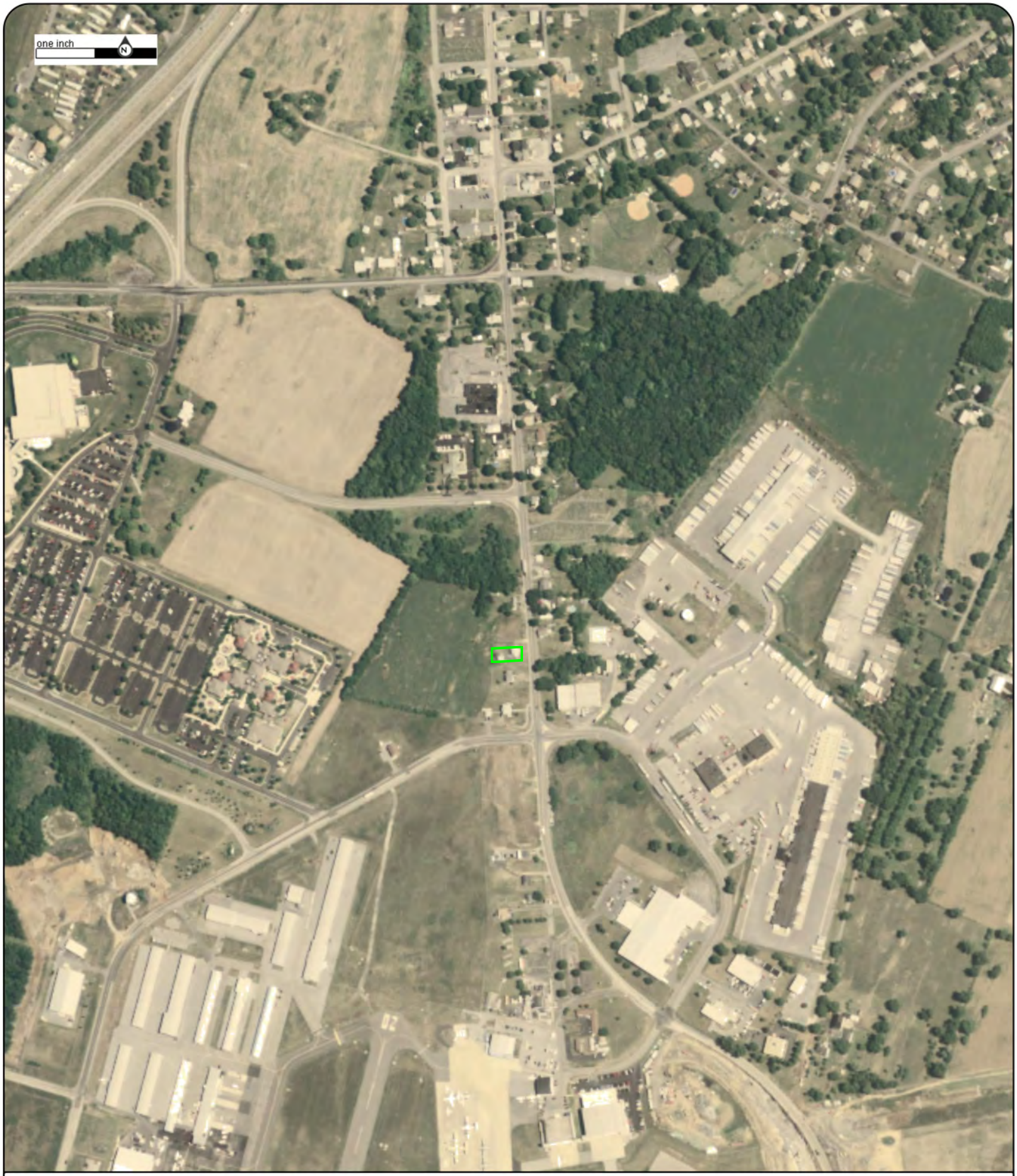
ERIS

Year: 2007
Source: USDA
Scale: 1" = 500'
Comment:

Address: 14616 Pennsylvania Avenue, Hagerstown, MD
Approx Center: -77.72403855,39.71685818

Order No: 22110700154

ERIS



Year: 2006
Source: USDA
Scale: 1" = 500'
Comment:

Address: 14616 Pennsylvania Avenue, Hagerstown, MD
Approx Center: -77.72403855,39.71685818

Order No: 22110700154

ERIS

Year: 2005
Source: USDA
Scale: 1" = 500'
Comment:

Address: 14616 Pennsylvania Avenue, Hagerstown, MD
Approx Center: -77.72403855,39.71685818

Order No: 22110700154

ERIS

Year: 1999
Source: USGS
Scale: 1" = 500'
Comment:

Address: 14616 Pennsylvania Avenue, Hagerstown, MD
Approx Center: -77.72403855,39.71685818

Order No: 22110700154

ERIS

Year: 1994
Source: USGS
Scale: 1" = 500'
Comment:

Address: 14616 Pennsylvania Avenue, Hagerstown, MD
Approx Center: -77.72403855,39.71685818

Order No: 22110700154

ERIS

Year: 1989
Source: USGS
Scale: 1" = 500'
Comment:

Address: 14616 Pennsylvania Avenue, Hagerstown, MD
Approx Center: -77.72403855,39.71685818

Order No: 22110700154

ERIS

Year: 1980
Source: USGS
Scale: 1" = 500'
Comment:

Address: 14616 Pennsylvania Avenue, Hagerstown, MD
Approx Center: -77.72403855,39.71685818

Order No: 22110700154

ERIS

Year: 1968
Source: USGS
Scale: 1" = 500'
Comment:

Address: 14616 Pennsylvania Avenue, Hagerstown, MD
Approx Center: -77.72403855,39.71685818

Order No: 22110700154

ERIS

Year: 1957
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 14616 Pennsylvania Avenue, Hagerstown, MD
Approx Center: -77.72403855,39.71685818

Order No: 22110700154

ERIS

Year: 1952
Source: ASCS
Scale: 1" = 500'
Comment: Adjacent Frame Unavailable

Address: 14616 Pennsylvania Avenue, Hagerstown, MD
Approx Center: -77.72403855,39.71685818

Order No: 22110700154

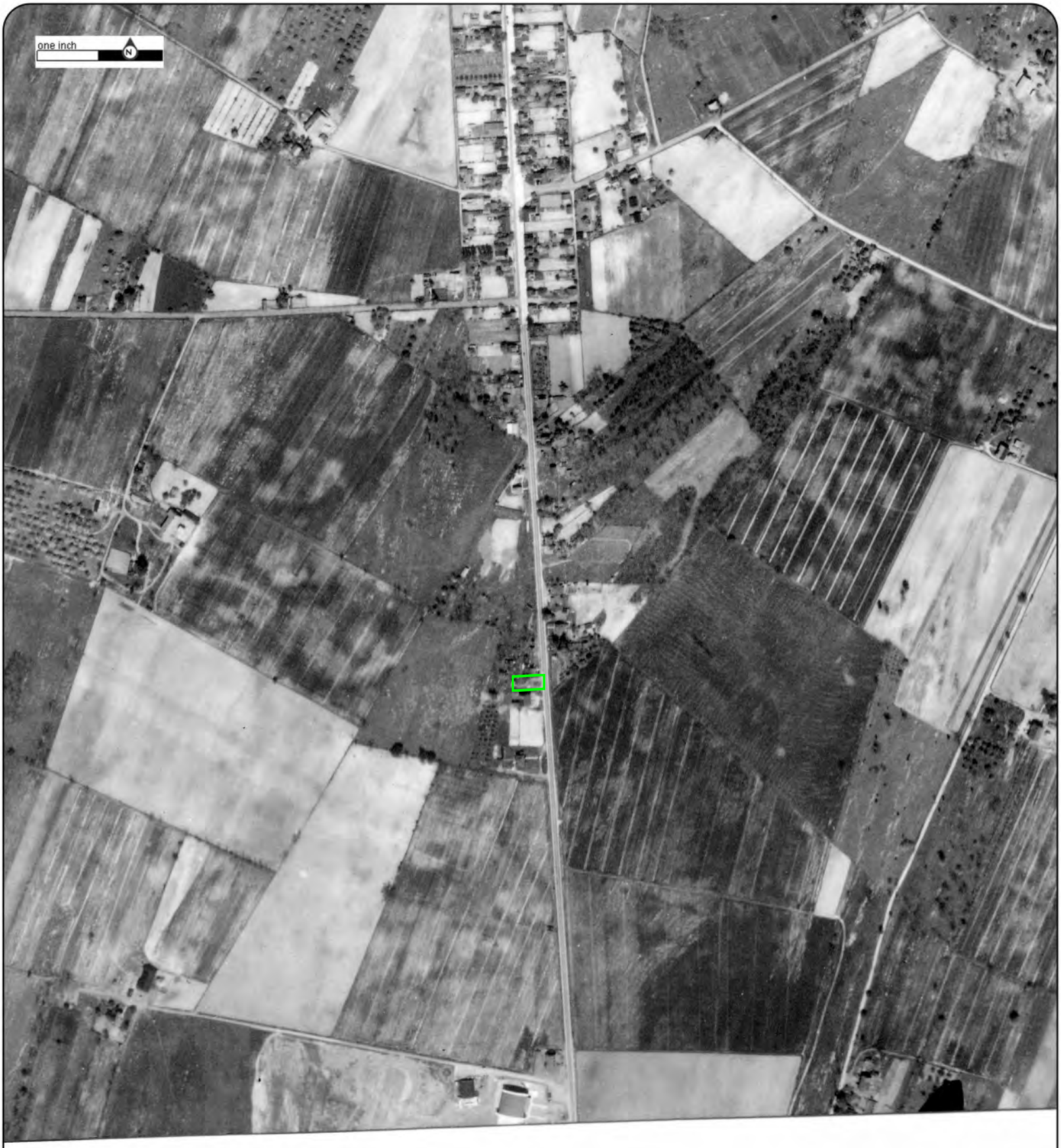
ERIS

Year: 1942
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 14616 Pennsylvania Avenue, Hagerstown, MD
Approx Center: -77.72403855,39.71685818

Order No: 22110700154

ERIS



Year: 1938
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 14616 Pennsylvania Avenue, Hagerstown, MD
Approx Center: -77.72403855,39.71685818

Order No: 22110700154

ERIS

TRIAD ENGINEERING, INC.

APPENDIX E: TOPOGRAPHIC MAPS

TOPOGRAPHIC MAPS

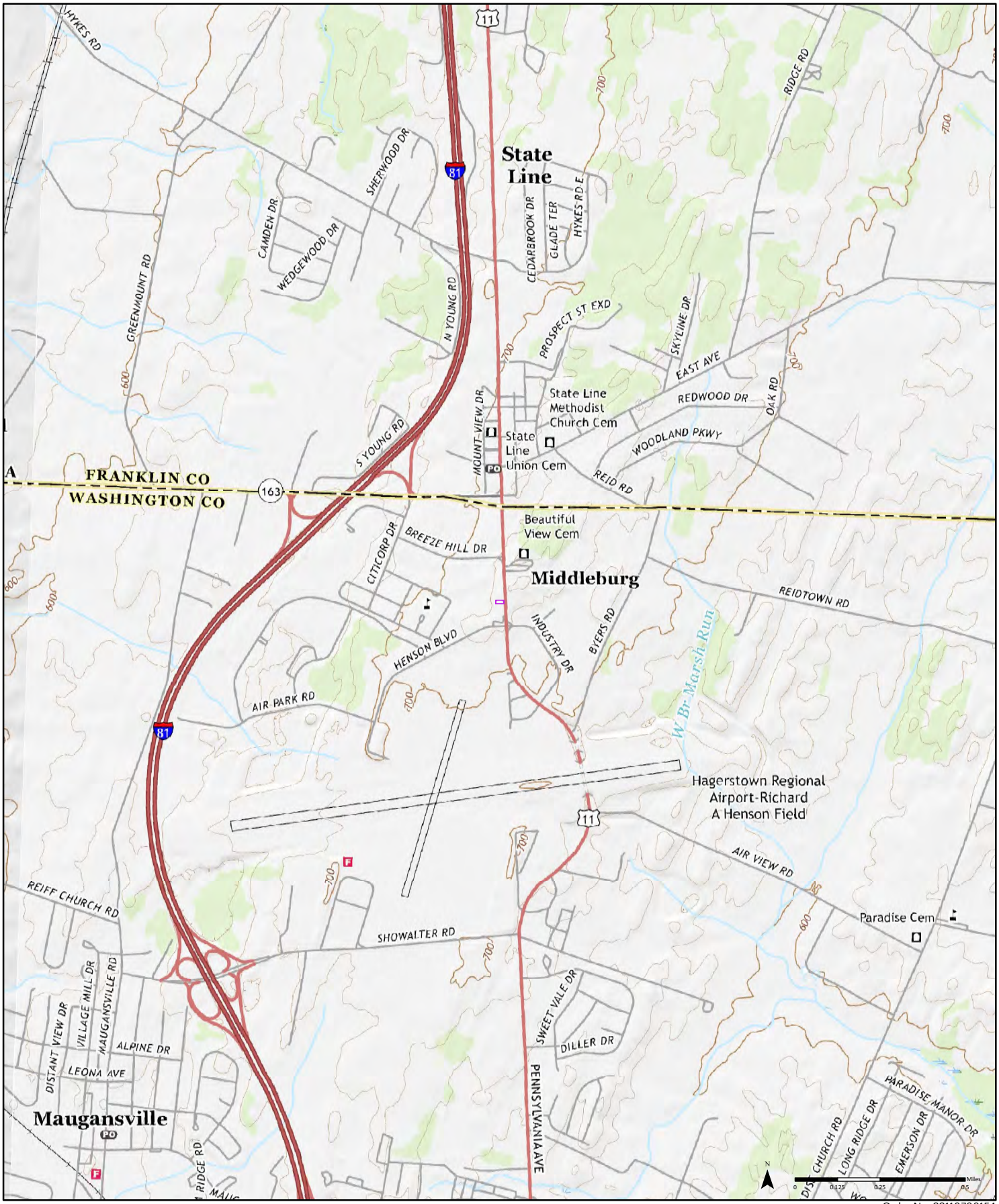
Project Property:	14616 Pennsylvania Ave 14616 Pennsylvania Avenue Hagerstown MD 21742
Project No:	03-22-0777
Requested By:	Triad Engineering Inc.
Order No:	22110700154
Date Completed:	November 07, 2022

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
2019	7.5
2016	7.5
2014	7.5
1999	7.5
1985	7.5
1971	7.5
1953	7.5
1944	7.5
1943	15
1912	15
1909	15

Topographic Map Symbology for the maps may be available in the following documents:
Pre-1947
Page 223 of 1918 Topographic Instructions
Page 130 of 1928 Topographic Instructions
1947-2009
Topographic Map Symbols
2009-present
US Topo Map Symbols

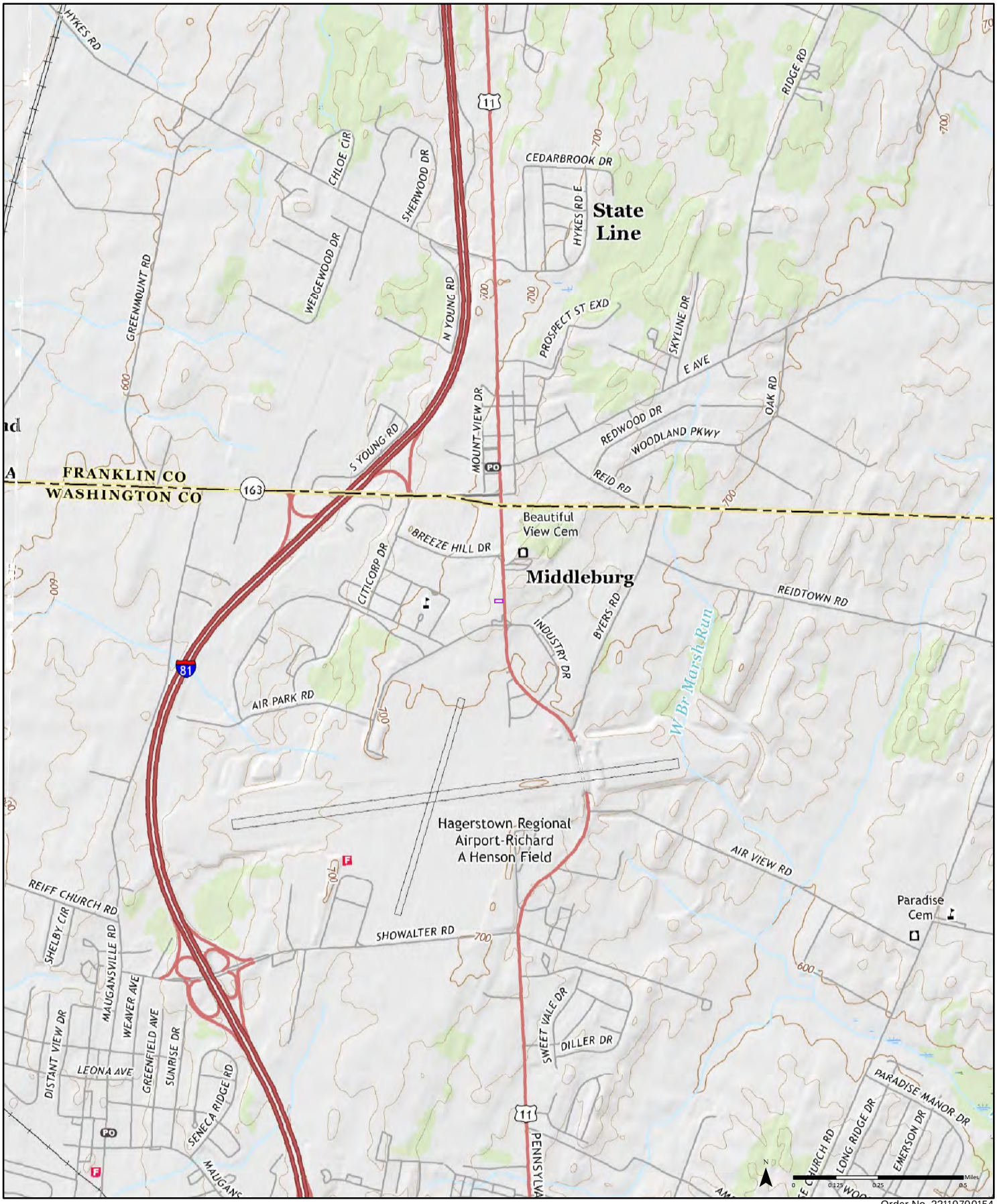


2019

Order No. 22110700154

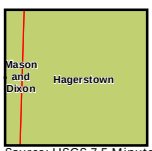
Available Quadrangle(s): Hagerstown, MD
Mason and Dixon, PA

Source: USGS 7.5 Minute Topographic Map



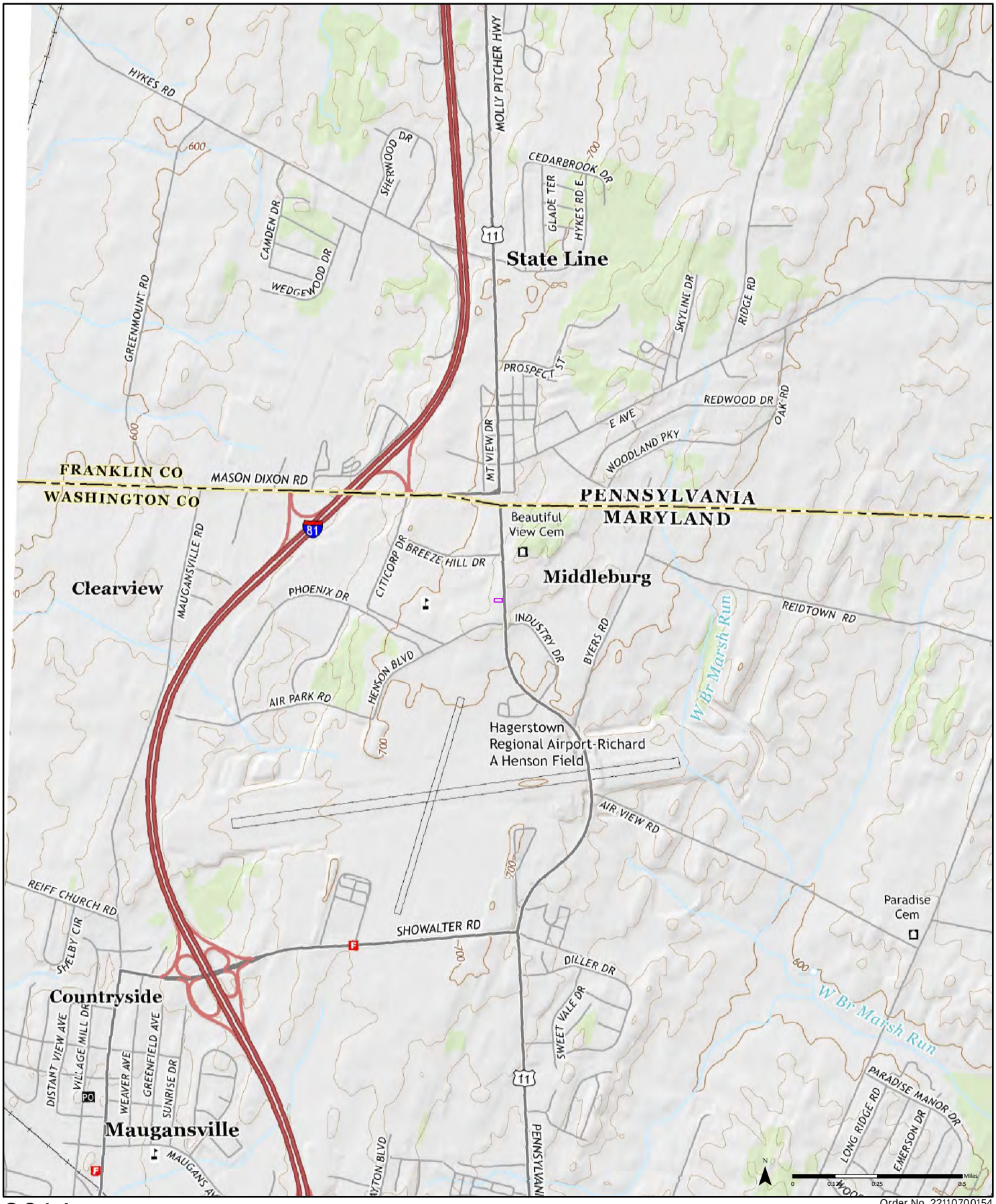
2016

Order No. 22110700154



Available Quadrangle(s): Hagerstown, MD
Mason and Dixon, PA

Source: USGS 7.5 Minute Topographic Map

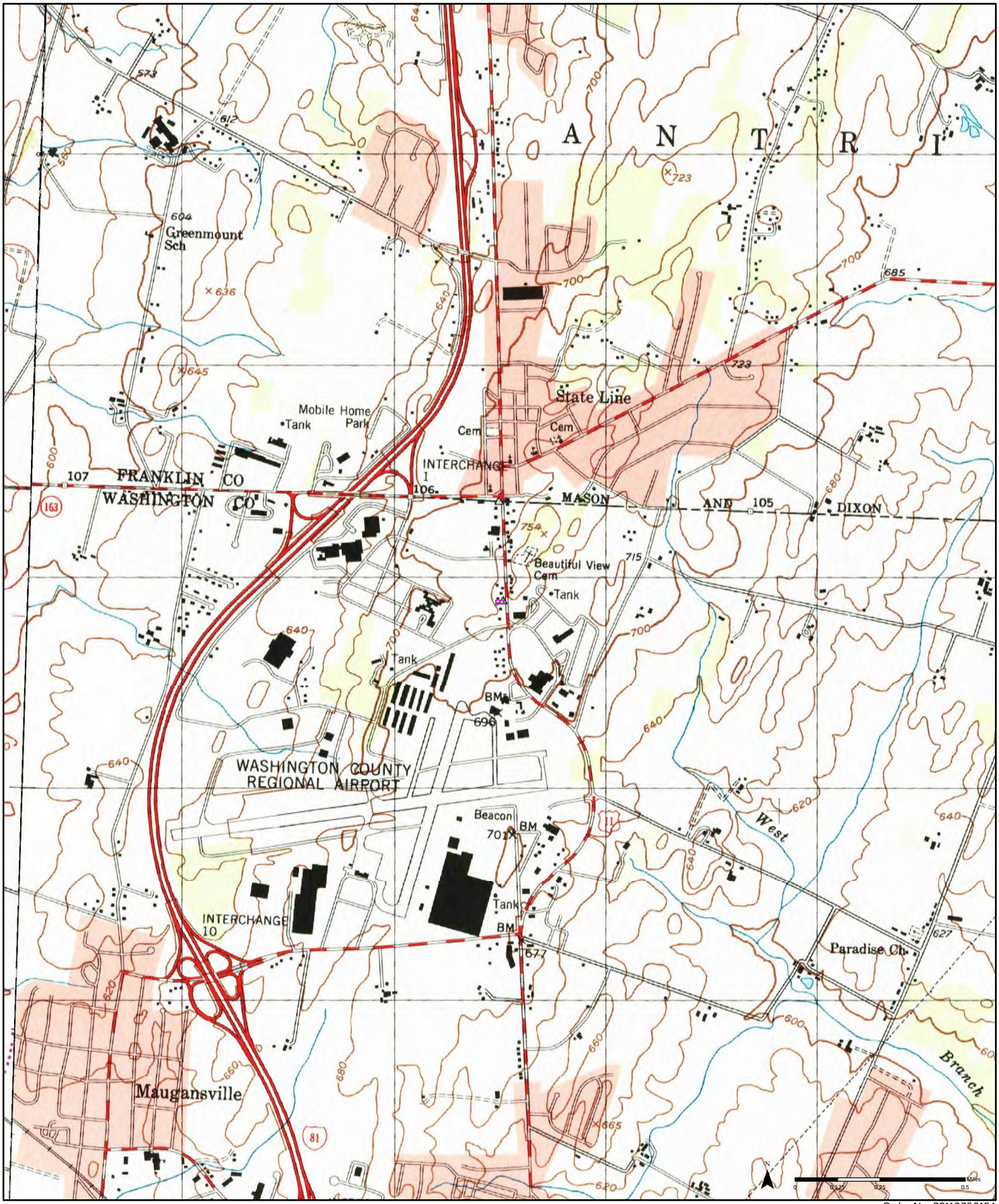


2014

Order No. 22110700154

Available Quadrangle(s): Hagerstown, MD

Source: USGS 7.5 Minute Topographic Map

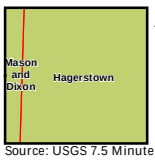


1999

(1-1971) *Aerial Photo Year: 1971*
Photo Revision Year: 1971

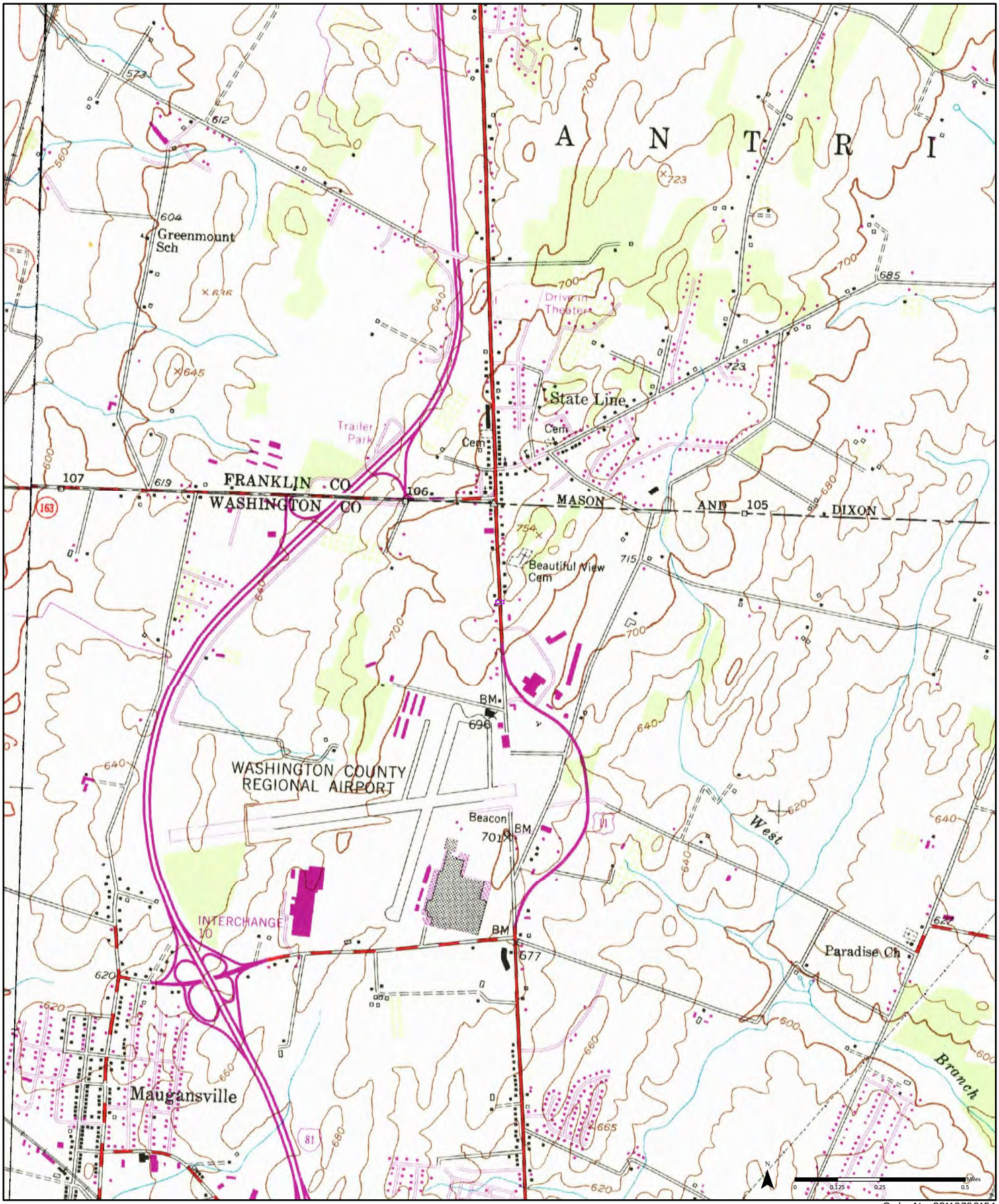
(2-1999) *Aerial Photo Year: 1999*

Order No. 22110700154



Available Quadrangle(s): Hagerstown, MD(2-1999)
Mason-Dixon, MD(1-1971)

Source: USGS 7.5 Minute Topographic Map



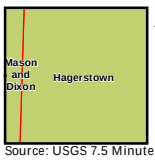
1985

(1-1971) *Aerial Photo Year: 1971* *Photo Revision Year: 1971*

(2-1985) *Aerial Photo Year: 1980* *Photo Revision Year: 1985*

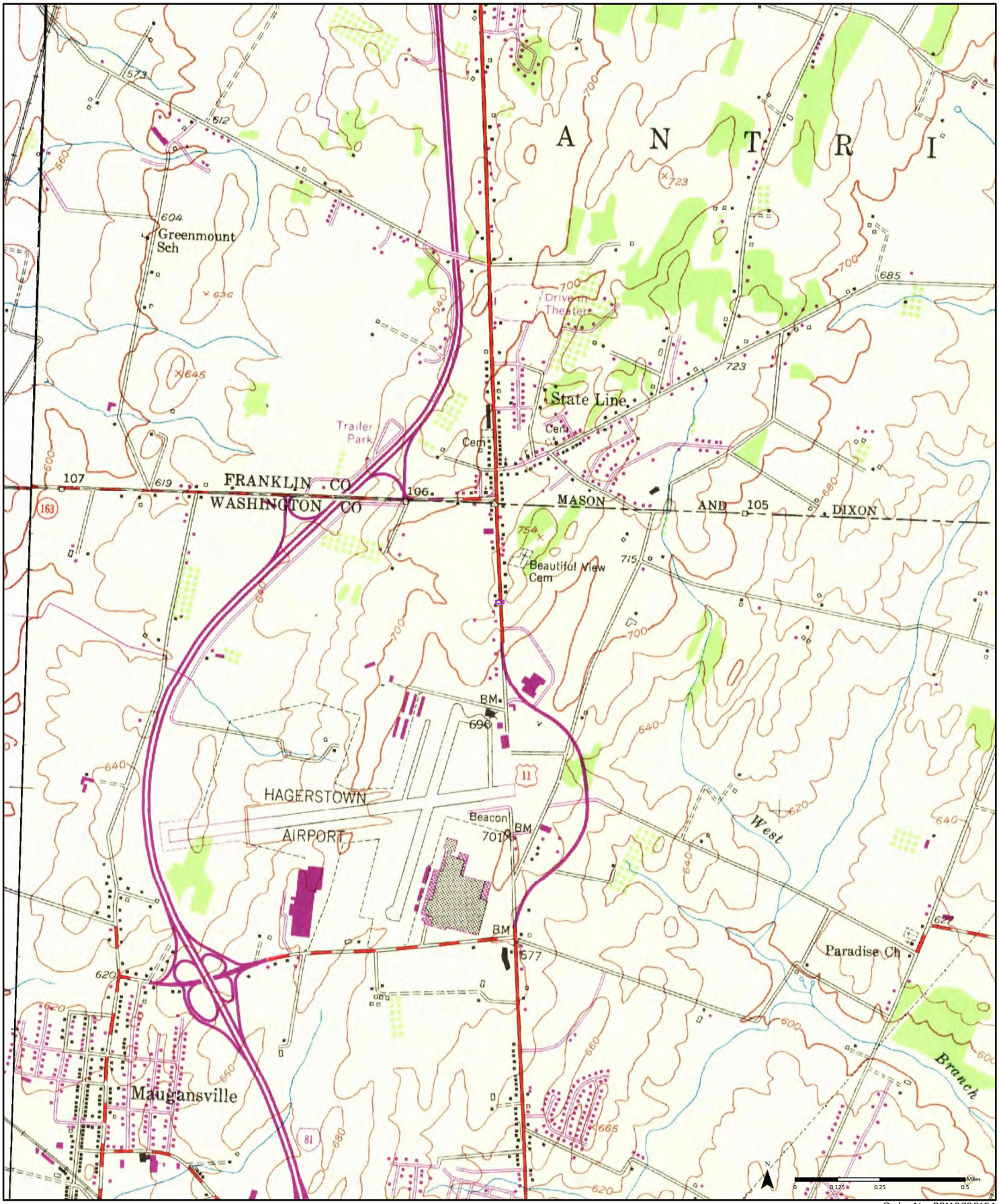
Order No. 22110700154

Available Quadrangle(s): Hagerstown, MD(2-1985)
Mason-Dixon, MD(1-1971)



Source: USGS 7.5 Minute Topographic Map

ERIS

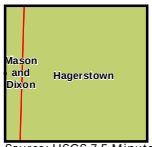


1971

(1-1971)
Aerial Photo Year: 1971
Photo Revision Year: 1971

(2-1971)
Aerial Photo Year: 1971
Photo Revision Year: 1971

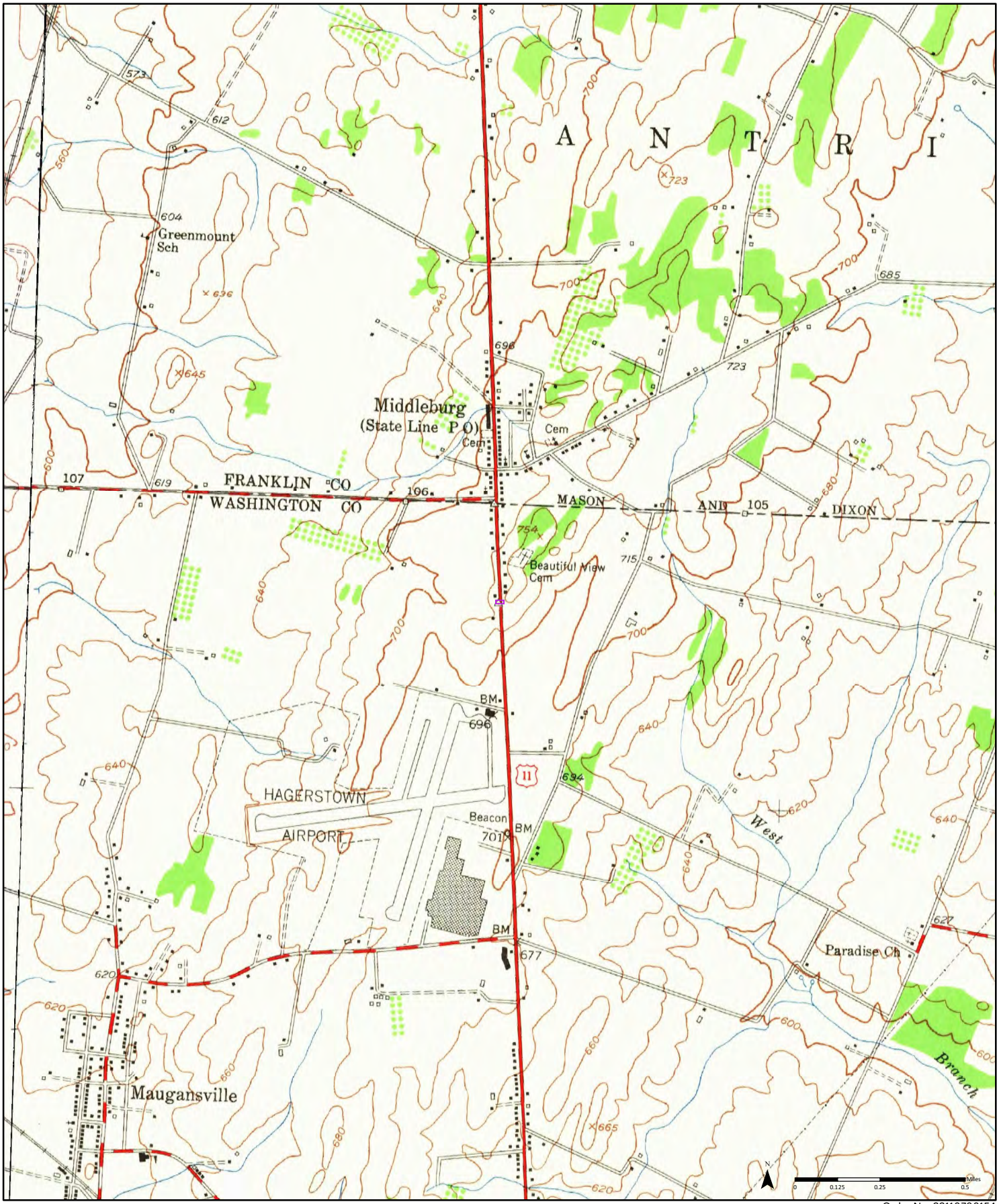
Order No. 22110700154



Available Quadrangle(s): Hagerstown, MD(1-1971)
Mason-Dixon, MD(2-1971)

Source: USGS 7.5 Minute Topographic Map

ERIS



1953

(1-1953) *Aerial Photo Year: 1943*

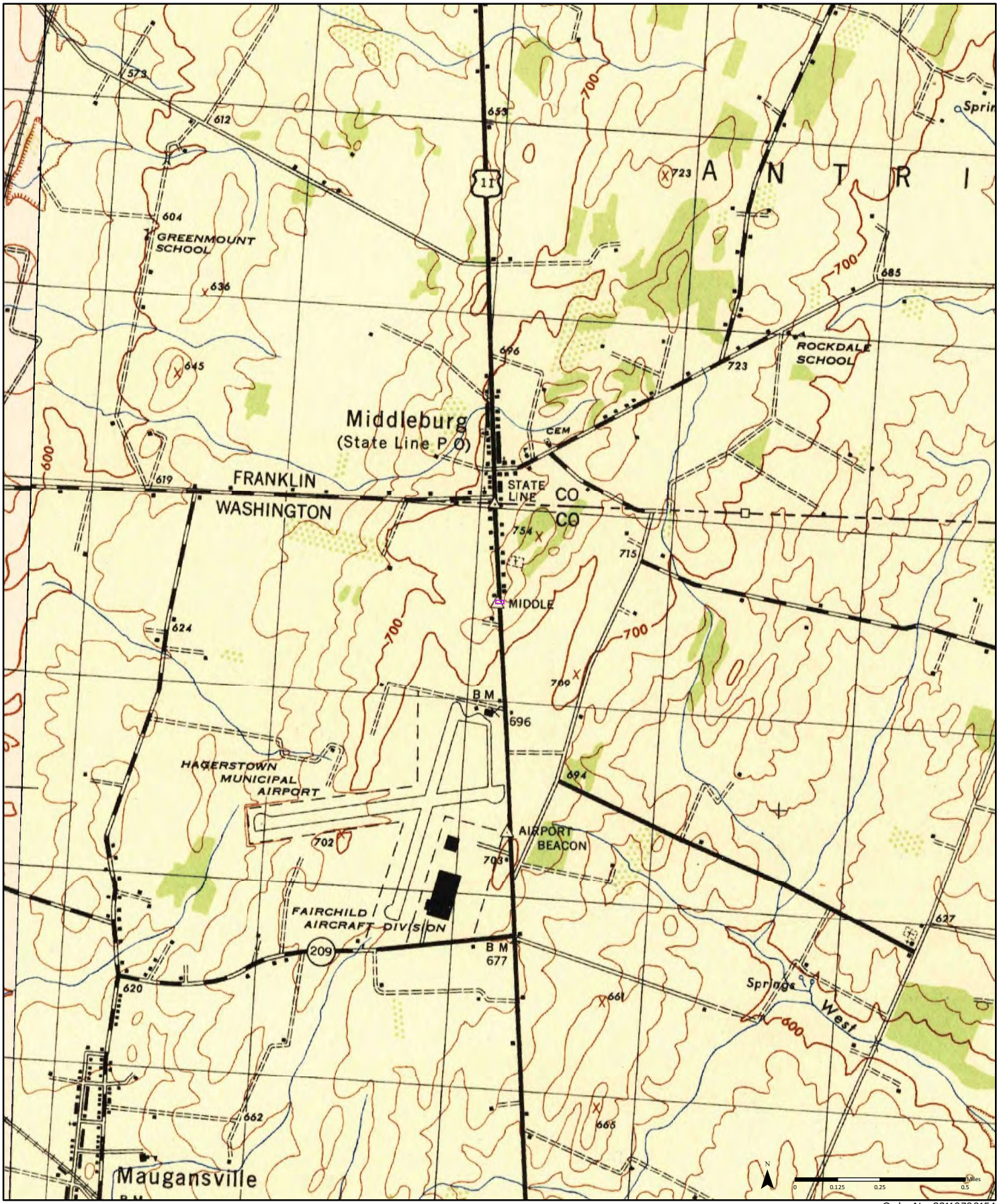
(2-1953) *Aerial Photo Year: 1943*

Order No. 22110700154

Available Quadrangle(s): Hagerstown, MD(1-1953)
Mason-Dixon, MD(2-1953)

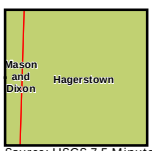
Source: USGS 7.5 Minute Topographic Map

ERIS



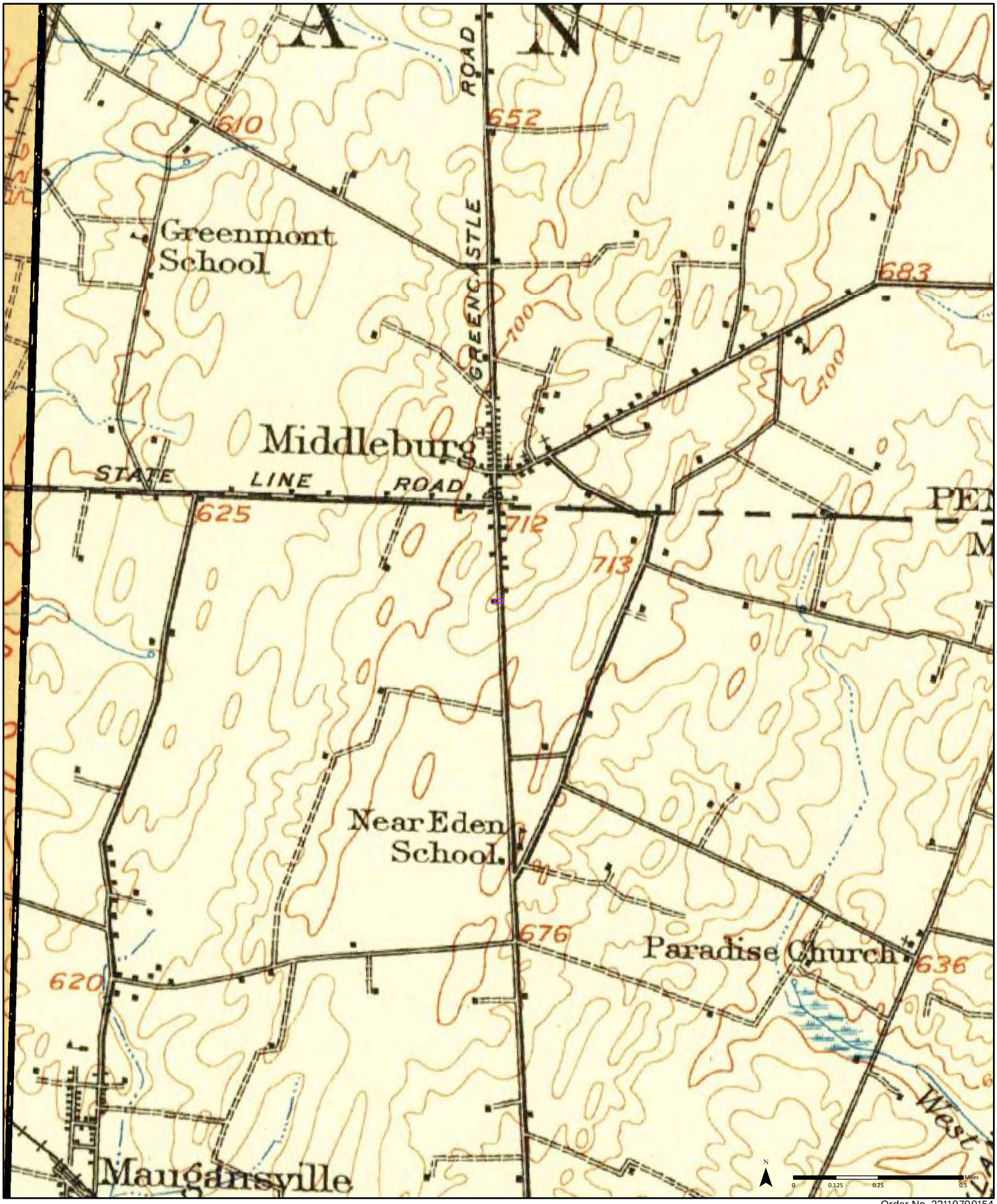
1944

Order No. 22110700154



Available Quadrangle(s): Hagerstown, MD (1-1944)
Mason-Dixon, MD

Source: USGS 7.5 Minute Topographic Map

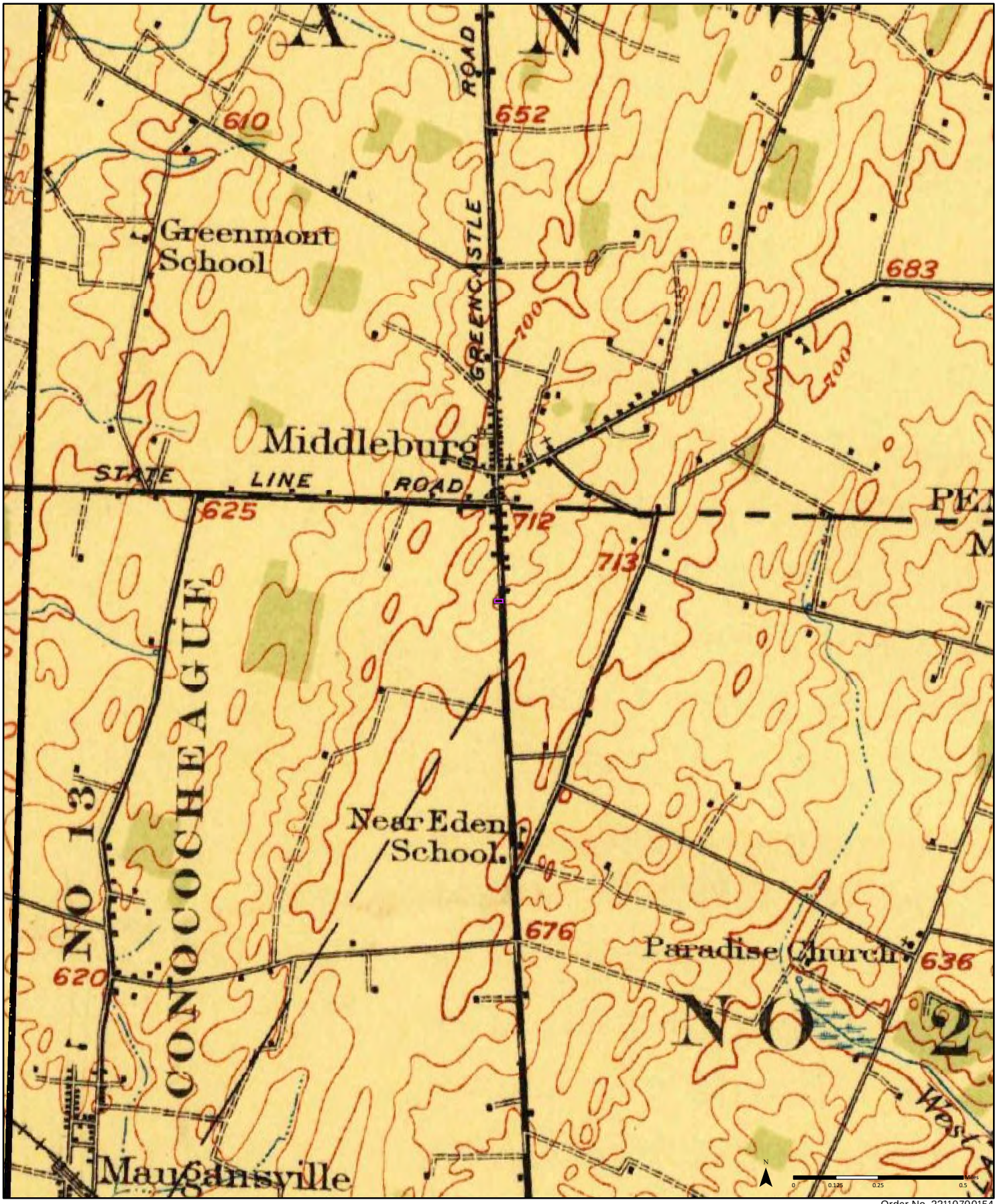


1943

Order No. 22110700154

Available Quadrangle(s): Hagerstown, MD
Williamsport, WV

Source: USGS 15 Minute Topographic Map

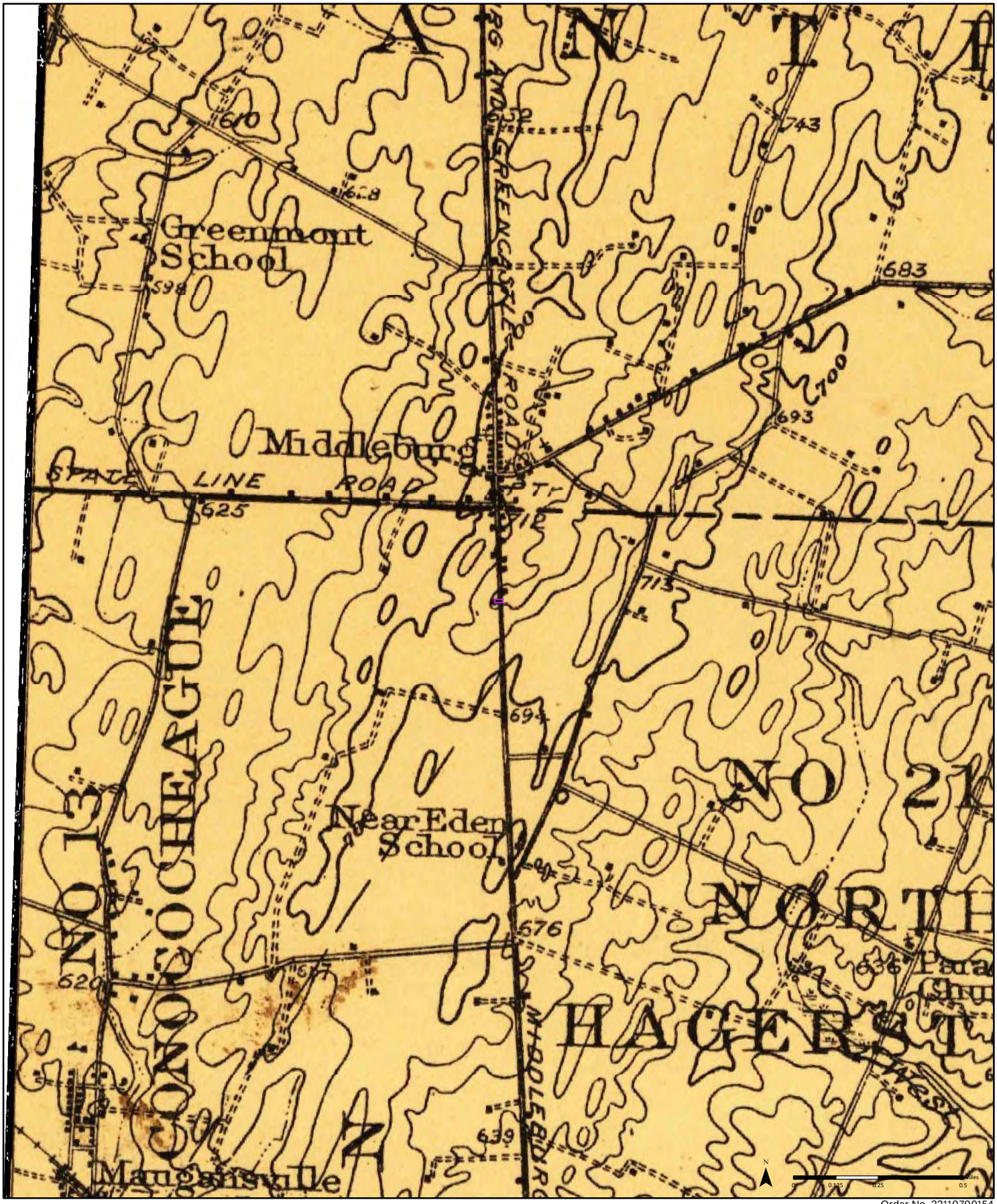


1912

Order No. 22110700154

Available Quadrangle(s): Hagerstown, MD
Williamsport, WV

Source: USGS 15 Minute Topographic Map



1909

Order No. 22110700154

Available Quadrangle(s): Hagerstown, MD

Source: USGS 15 Minute Topographic Map

TRIAD ENGINEERING, INC.

APPENDIX F: FIRE INSURANCE MAPS

FIRE INSURANCE MAPS

Project Property:	14616 Pennsylvania Ave 14616 Pennsylvania Avenue Hagerstown MD 21742
Project No:	03-22-0777
Requested By:	Triad Engineering Inc.
Order No:	22110700154
Date Completed:	November 07, 2022

Please note that no information was found for your site or adjacent properties.

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TRIAD ENGINEERING, INC.

APPENDIX G: CITY DIRECTORY

CITY DIRECTORY

Project Property:	*14616 Pennsylvania Ave* *14616 Pennsylvania Avenue* *Hagerstown,MD 21742*
Project No:	*03-22-0777*
Requested By:	*Triad Engineering Inc.*
Order No:	*22110700154*
Date Completed:	*November 07, 2022*

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November 07, 2022
RE: CITY DIRECTORY RESEARCH
14616 Pennsylvania Avenue
Hagerstown,MD 21742

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:
14560-14640 of Pennsylvania Avenue
Search Notes:
Pennsylvania Avenue is also known as Middleburg Pike.

Search Results Summary

Date	Source	Comment
2022	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
2000	DIGITAL BUSINESS DIRECTORY	
1996	POLKS	
1991	POLKS	
1986	POLKS	
1981	POLKS	
1976	POLKS	
1971	POLKS	
1967	POLKS	
1964	POLKS	
1954-55	POLKS	
1950	POLKS	
1945-46	POLKS	
1940-41	POLKS	
1935	POLKS	
1929	POLKS	
1922-23	HILLS	

2022 PENNSYLVANIA AVENUE

SOURCE: DIGITAL BUSINESS DIRECTORY

14568 **AVENGE INC**...*AVIATION CONSULTANTS*
14568 **AVENGE INC**...*AIRCRAFT EQUIPMENT PARTS & SUPPLIES*
14612 **REAGAN RHINEHART**...*RESIDENTIAL*
14616 **BETTY HOLTZMAN**...*RESIDENTIAL*
14625 **BRIAN SEFSIC**...*RESIDENTIAL*
14629 **WAYNE JONES**...*RESIDENTIAL*

2020 PENNSYLVANIA AVENUE

SOURCE: DIGITAL BUSINESS DIRECTORY

14568 **AVENGE INC**...*AVIATION CONSULTANTS*
14568 **AVENGE INC**...*AIRCRAFT EQUIPMENT PARTS & SUPPLIES*
14616 **BETTY HOLTZMAN**...*RESIDENTIAL*
14625 **BRIAN SEFSIC**...*RESIDENTIAL*
14629 **WAYNE JONES**...*RESIDENTIAL*

2016 PENNSYLVANIA AVENUE

SOURCE: DIGITAL BUSINESS DIRECTORY

14568 **AVENGE INC**...*AVIATION CONSULTANTS*
14606 **AMANDA MILLER**...*RESIDENTIAL*
14616 **BETTY HOLTZMAN**...*RESIDENTIAL*
14621 **HOMELY GENIUS INC**...*ROOF DECKS*
14625 **BRIAN SEFSIC**...*RESIDENTIAL*
14625 **VICKI SEFSIC**...*RESIDENTIAL*
14629 **WAYNE JONES**...*RESIDENTIAL*

2012 PENNSYLVANIA AVENUE

SOURCE: DIGITAL BUSINESS DIRECTORY

14568 **AVENGE INC**...*AVIATION CONSULTANTS*
14621 **HOMELY GENIUS INC**...*ROOF DECKS*
14625 **VICKI SEFSIC**...*RESIDENTIAL*

2008 PENNSYLVANIA AVENUE

SOURCE: DIGITAL BUSINESS DIRECTORY

14560 **JOHN J JR BOWERS**...*RESIDENTIAL*
14568 **RICHARD P GLADHILL**...*RESIDENTIAL*
14570 **KAREN WETZEL**...*RESIDENTIAL*
14578 **CONRAD H MARTIN**...*RESIDENTIAL*
14615 **KAREN & JOHN GLEASON**...*RESIDENTIAL*
14616 **H ROWLAND**...*RESIDENTIAL*
14619 **ARTHUR C MILLER**...*RESIDENTIAL*
14620 **SAM & SHIRLEY PHILLIPS**...*RESIDENTIAL*
14621 **HOMELY GENIUS**...*HOME IMPROVEMENTS*
14625 **B & V P SEFSIC**...*RESIDENTIAL*

2003 PENNSYLVANIA AVENUE

SOURCE: DIGITAL BUSINESS DIRECTORY

14560 **JOHN J JR BOWERS**...*RESIDENTIAL*
14568 **RICHARD P GLADHILL**...*RESIDENTIAL*
14570 **KAREN WETZEL**...*RESIDENTIAL*
14578 **CONRAD H MARTIN**...*RESIDENTIAL*
14606 **COMMUNITY FOUNDATION-WA COUNTY**
14606 **DONALD COLLINS**...*RESIDENTIAL*
14606 **HAGERSTOWN-WASHINGTON CO**
14612 **HAROLD M BRUMBAUGH**...*RESIDENTIAL*
14615 **DEBRA BENNER**...*RESIDENTIAL*
14616 **H ROWLAND**...*RESIDENTIAL*
14619 **ARTHUR C MILLER**...*RESIDENTIAL*
14620 **SAMUEL F PHILLIPS**...*RESIDENTIAL*
14624 **DENNY BINGAMAN CONSTRUCTION**
14625 **B P & V L SEFSIC**...*RESIDENTIAL*

2000 PENNSYLVANIA AVENUE

SOURCE: DIGITAL BUSINESS DIRECTORY

14560 **JOHN J JR BOWERS**...*RESIDENTIAL*
14568 **MARINA WILCOX**...*RESIDENTIAL*
14570 **KAREN WETZEL**...*RESIDENTIAL*
14578 **CONRAD H MARTIN**...*RESIDENTIAL*
14606 **COMMUNITY FOUNDATION-WA COUNTY**
14606 **HAGERSTOWN-WASHINGTON CO**
14606 **LLWELLYN R MARTIN**...*RESIDENTIAL*
14612 **HAROLD M BRUMBAUGH**...*RESIDENTIAL*
14616 **CHAS B ROWLAND**...*RESIDENTIAL*
14619 **ARTHUR C MILLER**...*RESIDENTIAL*
14620 **SAMUEL F PHILLIPS**...*RESIDENTIAL*
14624 **DENNY BINGAMAN CONSTRUCTION**
14625 **B P & V L SEFSIC**...*RESIDENTIAL*

1996 PENNSYLVANIA AVENUE-A

SOURCE: POLKS

+ SHOWALTER RD INTERSECTS
14240 U S A CARTAGE INC..... 223-7112
14243 FORTNEY HOMES INC..... 733-6611
14320 Alphin James R & Carol [4] .....
..... 791-3587
14318 Houpt Merle L [4] .....
14301 Hott Phillip S & Linda [4]..... 739-0694
Hott Phillip S Jr..... 739-0694
14302 Not Verified
14137 Strite Roger D & Jeanette [4]. 739-3532
14201 Conrad Victor P [4] 739-0479
14223 Wilson Virginia K [4] 739-6388
14224 TONY'S PIZZA & ITALIAN
RESTAURANT 739-8669
14616 Rowland H A [4] 797-1085
+ AIRVIEW RD INTERSECTS
14606 Not Verified

1996 PENNSYLVANIA AVENUE-B

SOURCE: POLKS

PENNSYLVANIA AV cont'd
+ INDUSTRY DR INTERSECTS
+ HENSON BLVD INTERSECTS
14612 Brumbaugh Harold M & Hilda [4]
.....733-8492
14578 Martin Conrad H & Joyce [4]
.....791-1136
14570 Wetzel Karen D [4] 791-2179
14568 Wilcox John & Linda [4].....739-2136
14560 Bowers John J Jr & Nancy [3]
.....739-0195
Bowers John G.....739-0195
Bowers Rachel E.....739-0195
14556 Not Verified
14554 Richards Sandra K [2]

1991 PENNSYLVANIA AVENUE

SOURCE: POLKS

RANGE NOT LISTED

1986 PENNSYLVANIA AVENUE

SOURCE: POLKS

RANGE NOT LISTED

1981 PENNSYLVANIA AVENUE

SOURCE: POLKS

RANGE NOT LISTED

1976 PENNSYLVANIA AVENUE

SOURCE: POLKS

RANGE NOT LISTED

1971 PENNSYLVANIA AVENUE

SOURCE: POLKS

RANGE NOT LISTED

1967 PENNSYLVANIA AVENUE

SOURCE: POLKS

RANGE NOT LISTED

1964 PENNSYLVANIA AVENUE

SOURCE: POLKS

RANGE NOT LISTED

1954-55 PENNSYLVANIA AVENUE

SOURCE: POLKS

RANGE NOT LISTED

1950 PENNSYLVANIA AVENUE

SOURCE: POLKS

RANGE NOT LISTED

1945-46 PENNSYLVANIA AVENUE

SOURCE: POLKS

RANGE NOT LISTED

1940-41 PENNSYLVANIA AVENUE

SOURCE: POLKS

RANGE NOT LISTED

1935 PENNSYLVANIA AVENUE

SOURCE: POLKS

RANGE NOT LISTED

1929 PENNSYLVANIA AVENUE

SOURCE: POLKS

RANGE NOT LISTED

1922-23 PENNSYLVANIA AVENUE

SOURCE: HILLS

RANGE NOT LISTED

TRIAD ENGINEERING, INC.

APPENDIX H: DATABASE REPORT

DATABASE REPORT

Project Property:	*14616 Pennsylvania Ave* *14616 Pennsylvania Avenue* *Hagerstown MD 21742*
Project No:	*03-22-0777*
Report Type:	*Database Report*
Order No:	*22110700154*
Requested by:	*Triad Engineering Inc.*
Date Completed:	*November 9, 2022*

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Table of Contents

Executive Summary

Property Information:

Project Property:		*14616 Pennsylvania Ave* *14616 Pennsylvania Avenue Hagerstown MD 21742*
Project No:		*03-22-0777*
Coordinates:		
	Latitude:	*39.71685818*
	Longitude:	*-77.72403855*
	UTM Northing:	*4,399,880.30*
	UTM Easting:	*266,503.04*
	UTM Zone:	*UTM Zone 18S*
Elevation:		*734 FT*

Order Information:

Order No:	*22110700154*
Date Requested:	*November 7, 2022*
Requested by:	*Triad Engineering Inc.*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*Historical Aerials (with Project Boundaries)*
City Directory Search	*CD - 2 Street Search*
ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*
Fire Insurance Maps	*US Fire Insurance Maps*
Physical Setting Report (PSR)	*Physical Setting Report (PSR)*
Topographic Map	*Topographic Maps*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records							
Federal							
NPL	Y	1	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	-	0
SEMS	Y	0.5	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	-	-	0
RCRA SQG	Y	0.25	0	**2**	-	-	**2**
RCRA VSQG	Y	0.25	0	**1**	-	-	**1**
RCRA NON GEN	Y	0.25	0	**2**	-	-	**2**
RCRA CONTROLS	Y	0.5	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	-	0
FED INST	Y	0.5	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	0
ERNS	Y	PO	0	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	-	0
FEMA UST	Y	0.25	0	0	-	-	0
DELISTED FRP	Y	0.25	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0
State							
SHWS	Y	1	0	0	**1**	**1**	**2**

Database	Searched	Search Radius	Project Property	Within 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
DELISTED SHWS	Y	1	0	0	0	0	0
SWF	Y	0.5	0	0	0	-	0
SWF HIST	Y	0.5	0	0	0	-	0
UST	Y	0.25	0	**2**	-	-	**2**
DELISTED UST	Y	0.25	0	0	-	-	0
AST	Y	0.25	0	**1**	-	-	**1**
DELISTED TANKS	Y	0.25	0	0	-	-	0
LUC	Y	0.5	0	0	0	-	0
OCP	Y	0.5	0	**3**	**6**	-	**9**
DELISTED OCP	Y	0.5	0	0	0	-	0
VCP	Y	0.5	0	0	0	-	0
BROWNFIELDS	Y	0.5	0	0	**1**	-	**1**
Tribal							
INDIAN LUST	Y	0.5	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	-	-	0
DELISTED ILST	Y	0.5	0	0	0	-	0
DELISTED IUST	Y	0.25	0	0	-	-	0
County	***No County standard environmental record sources available for this State.***						
Additional Environmental Records							
Federal							
FINDS/FRS	Y	PO	0	-	-	-	0
TRIS	Y	PO	0	-	-	-	0
PFAS SSEHRI	Y	0.5	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	-	0
HMIRS	Y	PO	0	-	-	-	0
TSCA	Y	PO	0	-	-	-	0
HIST TSCA	Y	PO	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	0
PRP	Y	PO	0	-	-	-	0
SCRD DRYCLEANER	Y	0.25	0	0	-	-	0
ICIS	Y	PO	0	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
MLTS	Y	PO	0	-	-	-	0
CONSENT DECREES	Y	0.25	0	0	-	-	0
AFS	Y	PO	0	-	-	-	0
SSTS	Y	PO	0	-	-	-	0
PCBT	Y	0.5	0	0	0	-	0
State							
SPILLS	Y	PO	0	-	-	-	0
DRYCLEANERS	Y	0.25	0	0	-	-	0
LRP AREA	Y	0.5	0	0	0	-	0
Tribal	***No Tribal additional environmental record sources available for this State.***						
County	***No County additional environmental record sources available for this State.***						
	Total:		0	**11**	**8**	**1**	**20**

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	OCP	C & P TELEPHONE CO	18539 HENSON BLVD HAGERSTOWN MD 21742	SW	0.15 / 805.05	-22	18
			Case No* | *Status: 94-0783WA | CLOSED				
1	OCP	WA CO REGIONAL AIRPORT	18539 HENSON BLVD HAGERSTOWN MD 21742	SW	0.15 / 805.05	-22	18
			Case No* | *Status: 00-0260WA | CLOSED				
1	OCP	RIDER JET CENTER	18539 HENSON BLVD HAGERSTOWN MD 21742	SW	0.15 / 805.05	-22	18
			Case No* | *Status: 13-0294WA | CLOSED				
1	UST	Hagerstown Regional Airport (West Apron)	18539 Henson Blvd. Hagerstown MD 21742	SW	0.15 / 805.05	-22	18
			Tank ID* | *Tank Status Desc: 3 | Currently In Use, 2 | Permanently Out Of Use, 1 | Permanently Out Of Use, 4 | Currently In Use				
1	UST	Rider Jet Center	18539 Henson Boulevard Hagerstown MD 21742	SW	0.15 / 805.05	-22	20
			Tank ID* | *Tank Status Desc: 1 | Permanently Out Of Use				
2	RCRA VSQG	PHOENIX COLOR CORP.-PAPER CONVERTING BUILDING	18516 HENSON BLVD HAGERSTOWN MD 21742	SW	0.17 / 902.92	-23	21
			EPA Handler ID: MDR000522055				
3	RCRA SQG	P I E NATIONWIDE INC	INDUSTRY DRIVE HAGERSTOWN MD 21742	SE	0.18 / 939.26	-32	22
			EPA Handler ID: MDD074934019				
4	RCRA NON GEN	REYNOLDS & REYNOLDS	14515 PENNSYLVANIA AVE HAGERSTOWN MD 21742	SSE	0.19 / 1,021.00	-37	23
			EPA Handler ID: MDD985422062				
4	RCRA SQG	THE RELIZON COMPANY	14515 PENNSYLVANIA AV HAGERSTOWN MD 21742	SSE	0.19 / 1,021.00	-37	25
			EPA Handler ID: MDD044977247				
5	AST	A. C. and T. Co., Inc. - Industry Drive	14533 Industry Drive Hagerstown MD 21741-4217	SE	0.22 / 1,143.83	-34	27
6	RCRA NON GEN	GREENWOOD MOTORLINES DBA R&L CARRIERS	14527 INDUSTRY DR HAGERSTOWN MD 21742	ESE	0.24 / 1,270.47	-26	29
			EPA Handler ID: MDR000507129				
7	OCP	WA CO REGIONAL AIRPORT/OLD GROVE HANGAR	18635 JARKEY DR HAGERSTOWN MD 21742	SSE	0.34 / 1,811.08	-39	35

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			***Case No*	*Status:*** 99-2974WA	CLOSED			
7	OCP	AVIATION RESOURCES	18635 JARKEY DR HAGERSTOWN MD 21742	SSE	0.34 / 1,811.08	-39	35
			***Case No*	*Status:*** 05-1250WA	CLOSED			
8	OCP	CITI CORP CREDIT SERVICES	14700 CITICORP DR HAGERSTOWN MD 21742	W	0.34 / 1,813.01	-43	35
			***Case No*	*Status:*** 10-0106WA	CLOSED			
8	OCP	CITICORP CREDIT SERVICES INC	14700 CITICORP DR HAGERSTOWN MD 21742	W	0.34 / 1,813.01	-43	35
			***Case No*	*Status:*** 99-2335WA	CLOSED			
8	OCP	CITICORP CREDIT SERVICE INC	14700 CITICORP DR HAGERSTOWN MD 21742	W	0.34 / 1,813.01	-43	36
			***Case No*	*Status:*** 17-0186WA	CLOSED			
9	OCP	WPS INC	14500 BYERS RD HAGERSTOWN MD 21742	SE	0.37 / 1,957.15	-34	36
			***Case No*	*Status:*** 10-0508WA	CLOSED			
10	SHWS	Fairchild Hot Fire Training Pit	Citicorp Drive (South Side) Hagerstown MD 21742	WSW	0.39 / 2,060.17	-43	36
10	BROWNFIELDS	Fairchild Hot Fire Training Pit	Citicorp Drive (South Side) Hagerstown MD 21742	WSW	0.39 / 2,060.17	-43	36
11	SHWS	18450 Showalter Road Property	18450 Showalter Road Hagerstown MD 21742	S	0.87 / 4,607.54	-41	38

Executive Summary: Summary by Data Source

Standard

Federal

RCRA SQG - RCRA Small Quantity Generators List

A search of the RCRA SQG database, dated Sep 5, 2022 has found that there are 2 RCRA SQG site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
P I E NATIONWIDE INC	INDUSTRY DRIVE HAGERSTOWN MD 21742 ***EPA Handler ID**: MDD074934019*	SE	0.18 / 939.26	3
THE RELIZON COMPANY	14515 PENNSYLVANIA AV HAGERSTOWN MD 21742 ***EPA Handler ID**: MDD044977247*	SSE	0.19 / 1,021.00	4

RCRA VSQG - RCRA Very Small Quantity Generators List

A search of the RCRA VSQG database, dated Sep 5, 2022 has found that there are 1 RCRA VSQG site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
PHOENIX COLOR CORP.- PAPER CONVERTING BUILDING	18516 HENSON BLVD HAGERSTOWN MD 21742 ***EPA Handler ID**: MDR000522055*	SW	0.17 / 902.92	2

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Sep 5, 2022 has found that there are 2 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
REYNOLDS & REYNOLDS	14515 PENNSYLVANIA AVE HAGERSTOWN MD 21742 ***EPA Handler ID**: MDD985422062*	SSE	0.19 / 1,021.00	4
GREENWOOD MOTORLINES DBA R&L CARRIERS	14527 INDUSTRY DR HAGERSTOWN MD 21742 ***EPA Handler ID**: MDR000507129*	ESE	0.24 / 1,270.47	6

State

SHWS - Land Restoration Program (LRP) Sites

A search of the SHWS database, dated Sep 9, 2022 has found that there are 2 SHWS site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Fairchild Hot Fire Training Pit	Citicorp Drive (South Side) Hagerstown MD 21742	WSW	0.39 / 2,060.17	10
18450 Showalter Road Property	18450 Showalter Road Hagerstown MD 21742	S	0.87 / 4,607.54	11

UST - Underground Storage Tanks

A search of the UST database, dated Sep 12, 2022 has found that there are 2 UST site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Hagerstown Regional Airport (West Apron)	18539 Henson Blvd. Hagerstown MD 21742	SW	0.15 / 805.05	1
	Tank ID* | *Tank Status Desc: *3* | *Currently In Use, 2* | *Permanently Out Of Use, 1* | *Permanently Out Of Use, 4* | *Currently In Use*			
Rider Jet Center	18539 Henson Boulevard Hagerstown MD 21742	SW	0.15 / 805.05	1
	Tank ID* | *Tank Status Desc: *1* | *Permanently Out Of Use*			

AST - Aboveground Storage Tanks

A search of the AST database, dated Sep 30, 2022 has found that there are 1 AST site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
A. C. and T. Co., Inc. - Industry Drive	14533 Industry Drive Hagerstown MD 21741-4217	SE	0.22 / 1,143.83	5

OCP - Oil Control Program

A search of the OCP database, dated Oct 1, 2022 has found that there are 9 OCP site(s) within approximately 0.50 miles of the project property.

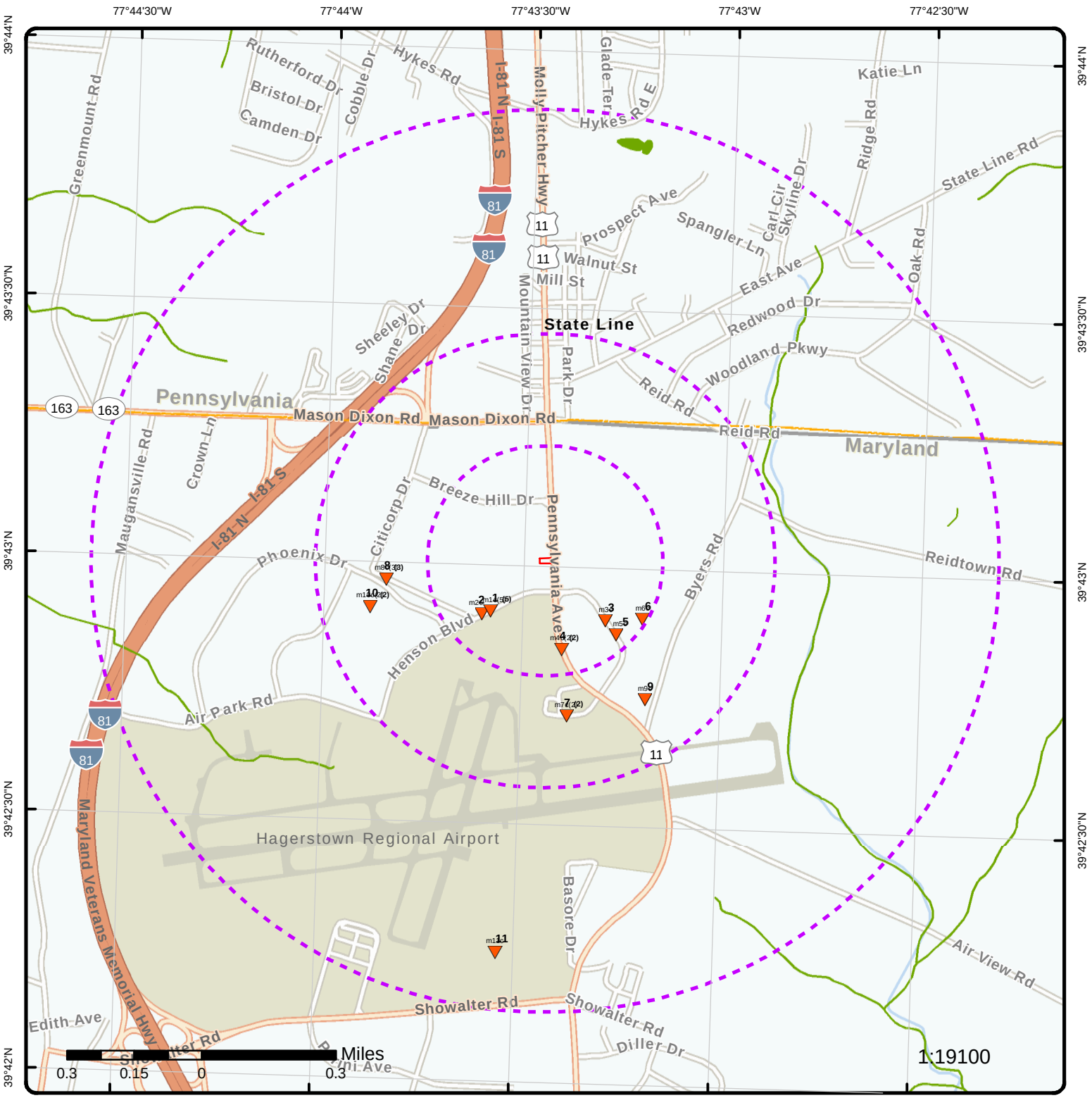
Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
RIDER JET CENTER	18539 HENSON BLVD HAGERSTOWN MD 21742	SW	0.15 / 805.05	1
	Case No* | *Status: *13-0294WA* | *CLOSED*			
C & P TELEPHONE CO	18539 HENSON BLVD HAGERSTOWN MD 21742	SW	0.15 / 805.05	1
	Case No* | *Status: *94-0783WA* | *CLOSED*			
WA CO REGIONAL AIRPORT	18539 HENSON BLVD HAGERSTOWN MD 21742	SW	0.15 / 805.05	1
	Case No* | *Status: *00-0260WA* | *CLOSED*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
AVIATION RESOURCES	18635 JARKEY DR HAGERSTOWN MD 21742	SSE	0.34 / 1,811.08	7
	Case No* | *Status: *05-1250WA* | *CLOSED*			
WA CO REGIONAL AIRPORT/OLD GROVE HANGAR	18635 JARKEY DR HAGERSTOWN MD 21742	SSE	0.34 / 1,811.08	7
	Case No* | *Status: *99-2974WA* | *CLOSED*			
CITICORP CREDIT SERVICE INC	14700 CITICORP DR HAGERSTOWN MD 21742	W	0.34 / 1,813.01	8
	Case No* | *Status: *17-0186WA* | *CLOSED*			
CITICORP CREDIT SERVICES INC	14700 CITICORP DR HAGERSTOWN MD 21742	W	0.34 / 1,813.01	8
	Case No* | *Status: *99-2335WA* | *CLOSED*			
CITI CORP CREDIT SERVICES	14700 CITICORP DR HAGERSTOWN MD 21742	W	0.34 / 1,813.01	8
	Case No* | *Status: *10-0106WA* | *CLOSED*			
WPS INC	14500 BYERS RD HAGERSTOWN MD 21742	SE	0.37 / 1,957.15	9
	Case No* | *Status: *10-0508WA* | *CLOSED*			

BROWNFIELDS - Brownfields

A search of the BROWNFIELDS database, dated Sep 9, 2022 has found that there are 1 BROWNFIELDS site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Fairchild Hot Fire Training Pit	Citicorp Drive (South Side) Hagerstown MD 21742	WSW	0.39 / 2,060.17	10

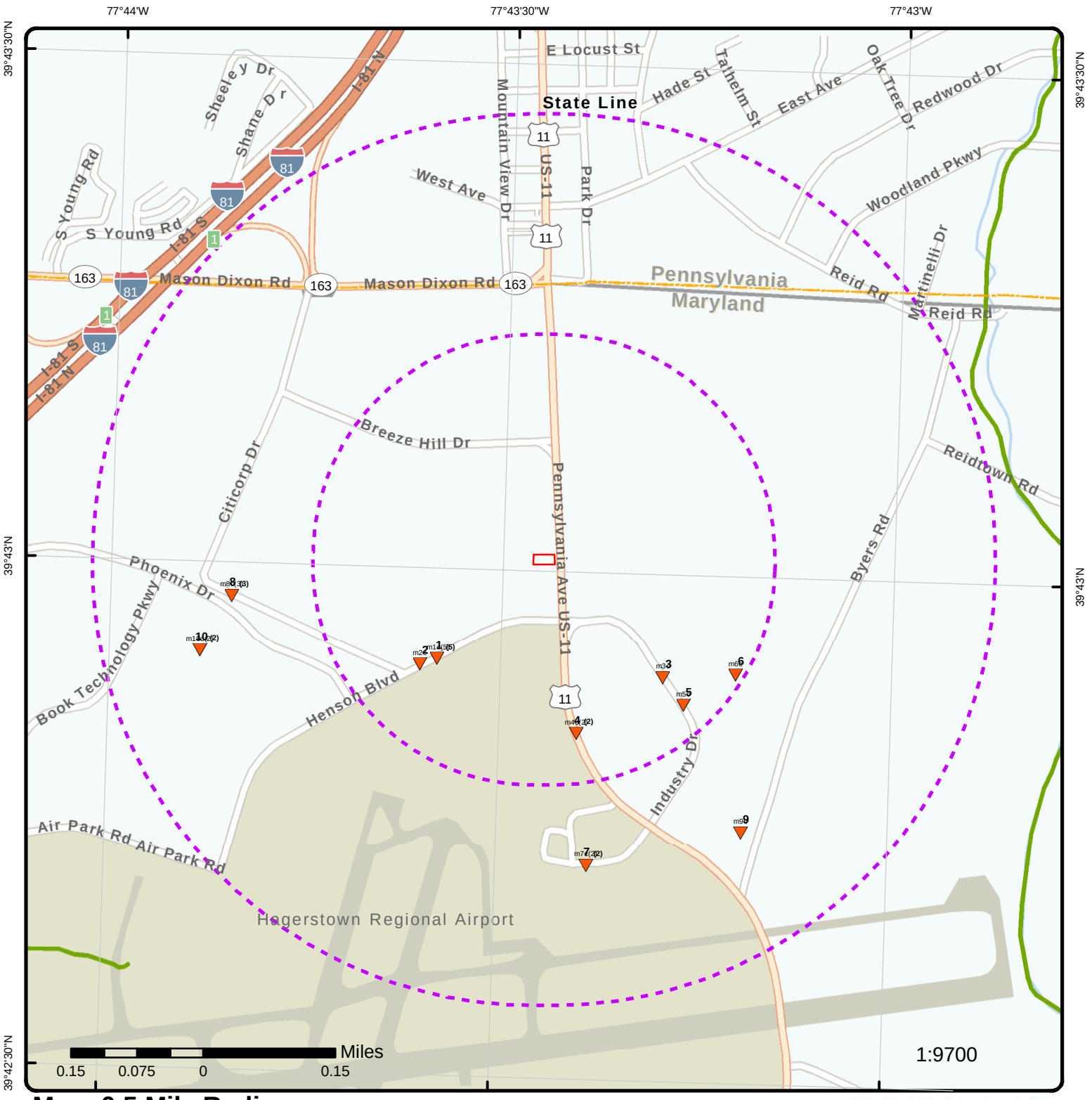


Map: 1.0 Mile Radius

Order Number: 22110700154

Address: 14616 Pennsylvania Avenue, Hagerstown, MD

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

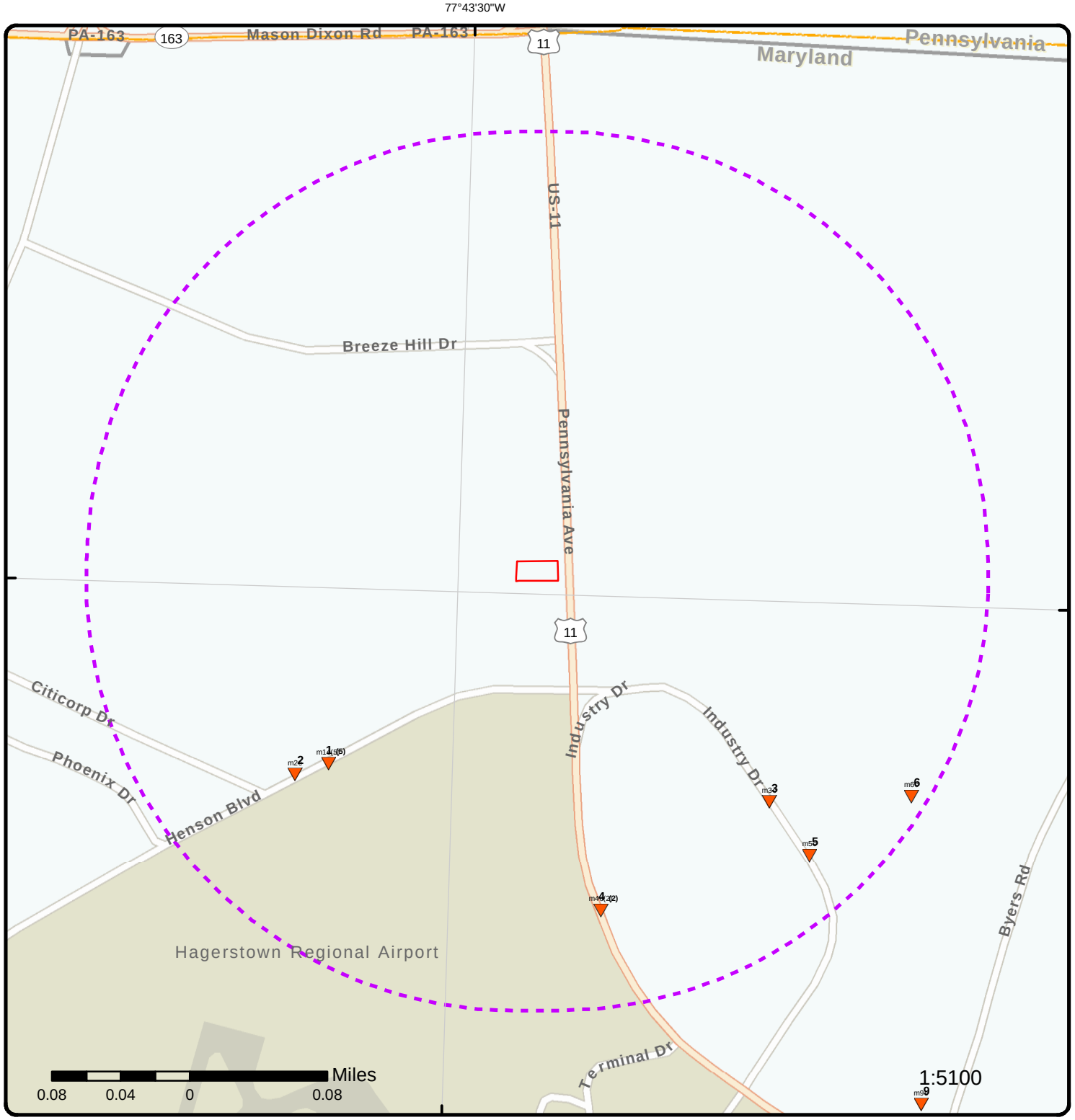


Map: 0.5 Mile Radius

Order Number: 22110700154

Address: 14616 Pennsylvania Avenue, Hagerstown, MD

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

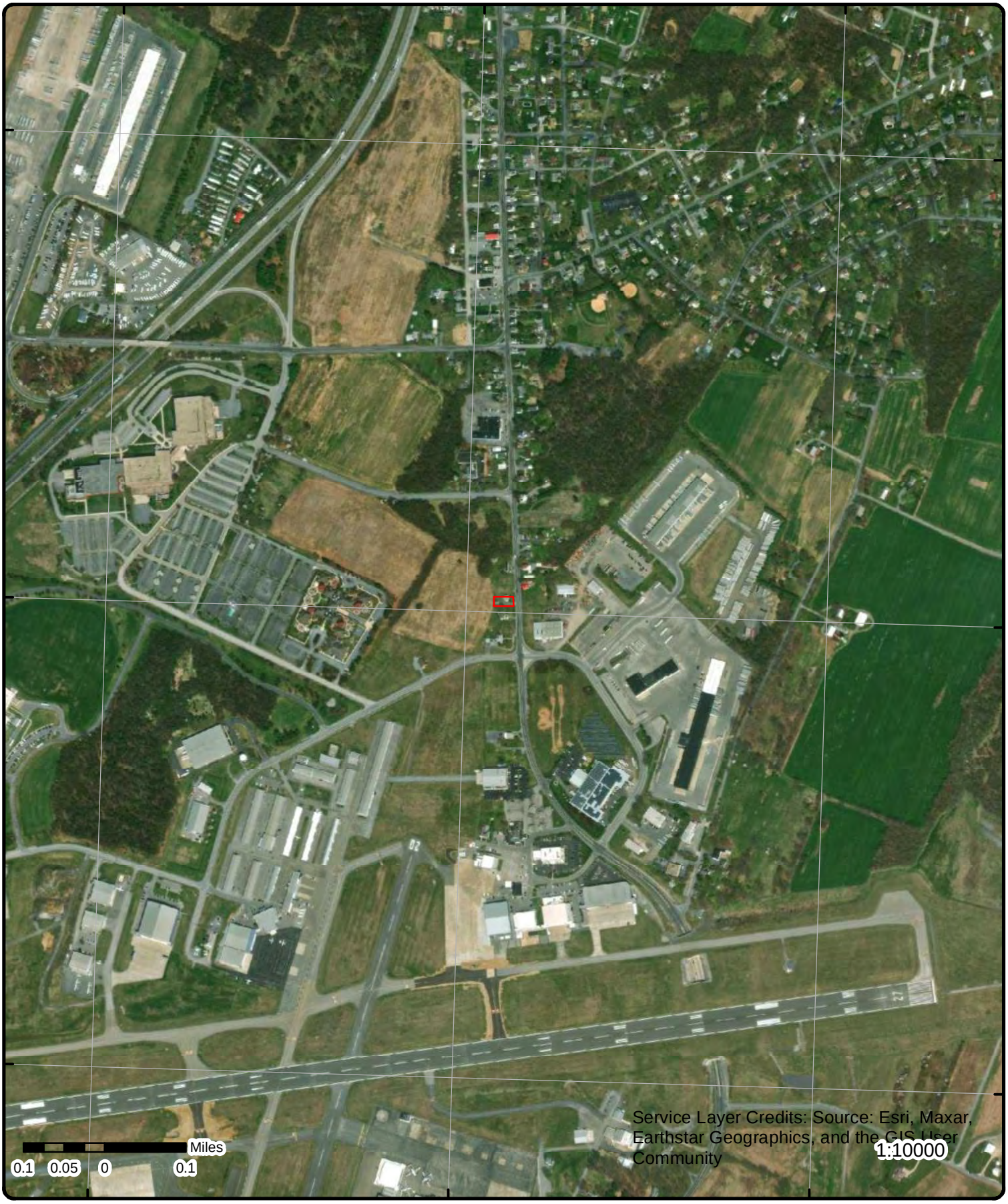


Map: 0.25 Mile Radius

Order Number: 22110700154

Address: 14616 Pennsylvania Avenue, Hagerstown, MD

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

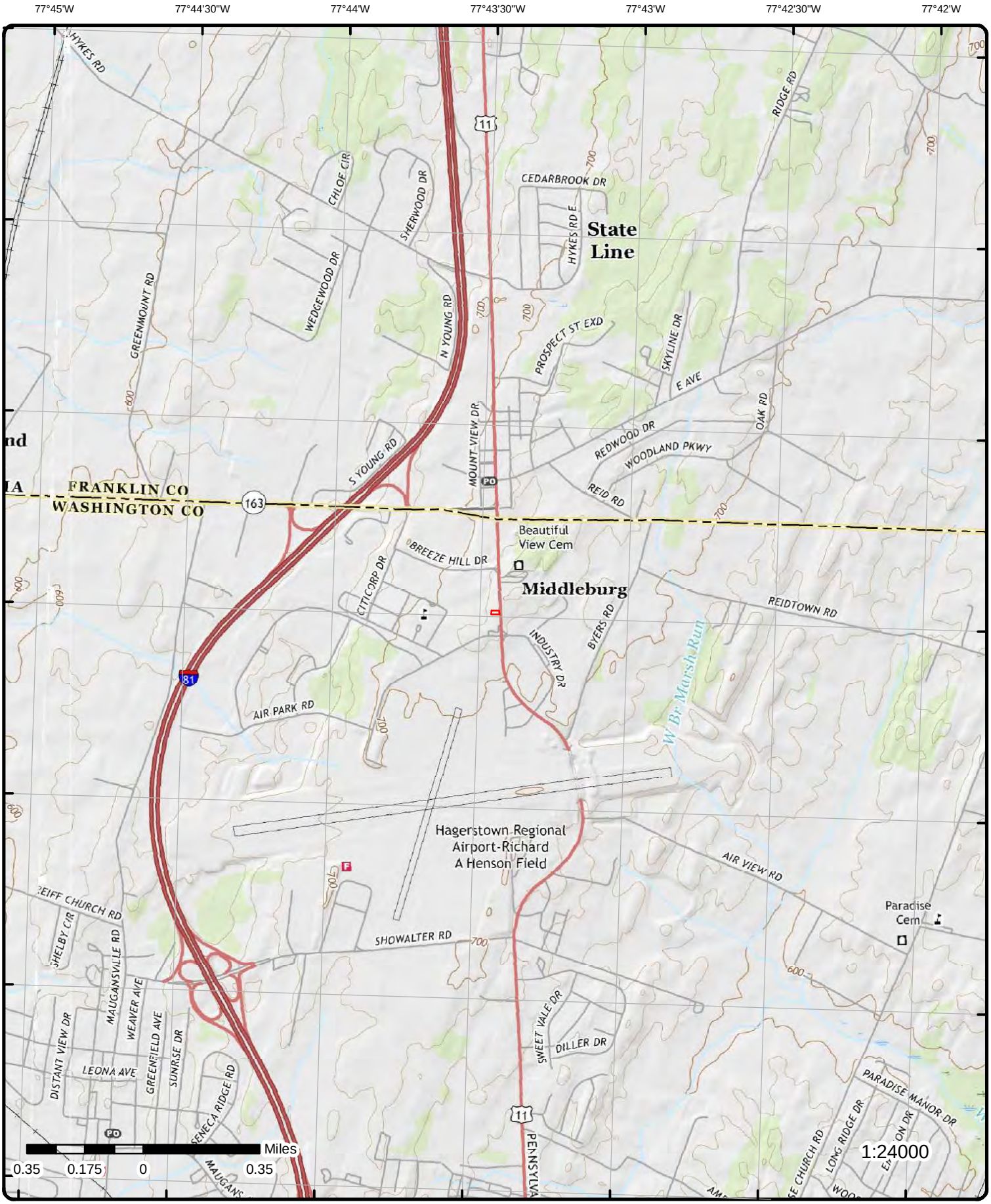


Aerial **Year: 2021**

Order Number: 22110700154

Address: 14616 Pennsylvania Avenue, Hagerstown, MD

Source: ESRI World Imagery



Topographic Map

Year: 2016

Order Number: 22110700154

Address: 14616 Pennsylvania Avenue, MD

Quadrangle(s): Mason and Dixon, PA; Hagerstown, MD

Source: USGS Topographic Map

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 5	SW	0.15 / 805.05	712.90 / -22	C & P TELEPHONE CO 18539 HENSON BLVD HAGERSTOWN MD 21742	OCP

Case No: 94-0783WA
Status: CLOSED
Date Open: 9/9/1993
Date Closed: 9/17/1993
Code:
Code Desc:
Reg No: 1415
Release:
Cleanup:
MIA:
County Desc: WASHINGTON

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	2 of 5	SW	0.15 / 805.05	712.90 / -22	WA CO REGIONAL AIRPORT 18539 HENSON BLVD HAGERSTOWN MD 21742	OCP

Case No: 00-0260WA
Status: CLOSED
Date Open: 8/5/1999
Date Closed:
Code: A-4
Code Desc: Dumping
Reg No: 8971
Release: NO
Cleanup:
MIA:
County Desc: WASHINGTON

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	3 of 5	SW	0.15 / 805.05	712.90 / -22	RIDER JET CENTER 18539 HENSON BLVD HAGERSTOWN MD 21742	OCP

Case No: 13-0294WA
Status: CLOSED
Date Open: 11/26/2012
Date Closed: 7/30/2013
Code: B-8
Code Desc: Tank Closure - Motor/Lube
Reg No: 1415
Release: NO
Cleanup: NO
MIA:
County Desc: WASHINGTON

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	4 of 5	SW	0.15 / 805.05	712.90 / -22	Hagerstown Regional Airport (West Apron) 18539 Henson Blvd. Hagerstown MD 21742	UST

Facility ID: 8971
Facility Desc (OCP): Air Taxi (Airline)
Owner ID (OCP): 235
Owner ID: 235
Form Date: 8/3/2020
Other Facility (OCP):
Form Name: Jordan Leach
Form Title: Facilities Manager
Location Name (OCP): Hagerstown Regional Airport (West Apron)
Location Address (OCP): 18539 Henson Blvd.
Location City (OCP): Hagerstown
Location County (OCP): Washington
Location Zip (OCP): 21742
Report Source: USTs database; OCP Registered USTs database
Oper First Name: Jordan
Oper Last Name: Leach
Location Phone: (240) 313-2767
County: Washington

OCP Registered USTs Tank Info

Tank ID:	2	***Substance Desc:***	Other
Tank Status Desc:	Permanently Out Of Use	***Date Installed:***	
Closure Status Desc:	Tank removed from ground	***Tank Mods Desc:***	None
Date Closed:	10/19/1993	***Compartment:***	A
Tank Capacity:	10000		
Tank Mat Desc:	Asphalt Coated or Bare Steel		

OCP Registered USTs Tank Info

Tank ID:	4	***Substance Desc:***	Aviation
Tank Status Desc:	Currently In Use	***Date Installed:***	7/1/1988
Closure Status Desc:		***Tank Mods Desc:***	None
Date Closed:		***Compartment:***	A
Tank Capacity:	6000		
Tank Mat Desc:	Cathodically Protected Steel (Supplemental Anodes Added)		

OCP Registered USTs Tank Info

Tank ID:	1	***Substance Desc:***	Other
Tank Status Desc:	Permanently Out Of Use	***Date Installed:***	
Closure Status Desc:	Tank removed from ground	***Tank Mods Desc:***	None
Date Closed:	10/19/1993	***Compartment:***	A
Tank Capacity:	10000		
Tank Mat Desc:	Asphalt Coated or Bare Steel		

OCP Registered USTs Tank Info

Tank ID:	3	***Substance Desc:***	Aviation
Tank Status Desc:	Currently In Use	***Date Installed:***	7/1/1988
Closure Status Desc:		***Tank Mods Desc:***	None
Date Closed:		***Compartment:***	A
Tank Capacity:	6000		
Tank Mat Desc:	Cathodically Protected Steel (Supplemental Anodes Added)		

OCP Registered USTs Owner Info

Phone:	(240) 313-2720	***Zip:***	21740
City:	Hagerstown	***State:***	MD
Name:	Board of County Commissioners of Washington County		
Contact:	Jack Reynard, Fleet Manager		
Address:	100 W. Washington Street, Room 2300		

USTs Tank Information

Tank ID:	3	***Substance Desc:***	Aviation
Tank Status Desc:	Currently In Use	***Tbl Tk Compartment:***	FALSE
Date Installed:	7/1/1988	***Tbl Cmprt Cmprt:***	A
Gallons:	6000		
Tank Mat Desc:	Cathodically Protected Steel (Supplemental Anodes Added)		
Pipe Mat Desc:	Fiberglass Reinforced Plastic		

USTs Tank Information

Tank ID:	2	***Substance Desc:***	Other
Tank Status Desc:	Permanently Out Of Use	***Tbl Tk Compartment:***	FALSE
Date Installed:		***Tbl Cmprt Cmprt:***	A
Gallons:	10000		
Tank Mat Desc:	Asphalt Coated or Bare Steel		
Pipe Mat Desc:	Bare or Galvanized Steel		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

USTs Tank Information

Tank ID: 1
Tank Status Desc: Permanently Out Of Use
Date Installed:
Gallons: 10000
Tank Mat Desc: Asphalt Coated or Bare Steel
Pipe Mat Desc: Bare or Galvanized Steel
Substance Desc: Other
Tbl Tk Compartment: FALSE
Tbl Cmprt Cmprt: A

USTs Tank Information

Tank ID: 4
Tank Status Desc: Currently In Use
Date Installed: 7/1/1988
Gallons: 6000
Tank Mat Desc: Cathodically Protected Steel (Supplemental Anodes Added)
Pipe Mat Desc: Fiberglass Reinforced Plastic
Substance Desc: Aviation
Tbl Tk Compartment: FALSE
Tbl Cmprt Cmprt: A

USTs Tank Owner Information

Phone: (240) 313-2720
City: Hagerstown
Name: Board of County Commissioners of Washington County
Contact: Jack Reynard, Fleet Manager
Address: 100 W. Washington Street, Room 2300
Zip: 21740
State: MD

1	5 of 5	SW	0.15 / 805.05	712.90 / -22	Rider Jet Center 18539 Henson Boulevard Hagerstown MD 21742	UST

Facility ID: 1415
Facility Desc (OCP): Air Taxi (Airline)
Owner ID (OCP): 13923
Owner ID: 13923
Form Date: 11/26/2012
Other Facility (OCP):
Form Name: David R. Ridor
Form Title: Representative
Location Name (OCP): Rider Jet Center
Location Address (OCP): 18539 Henson Boulevard
Location City (OCP): Hagerstown
Location County (OCP): Washington
Location Zip (OCP): 21742
Report Source: USTs database; OCP Registered USTs database
Oper First Name: David
Oper Last Name: Rider
Location Phone: (301) 791-9119
County: Washington

OCP Registered USTs Tank Info

Tank ID: 1
Tank Status Desc: Permanently Out Of Use
Closure Status Desc: Tank removed from ground
Date Closed: 11/26/2012
Tank Capacity: 15000
Tank Mat Desc: Cathodically Protected Steel (Coating w/CP - Galvanic)
Substance Desc: Aviation
Date Installed: 11/1/1983
Tank Mods Desc: None
Compartment: A

OCP Registered USTs Owner Info

Phone: (301) 733-5581
City: Hagerstown
Name: Quest One, LLC
Contact: David Rider
Address: P.O. Box 1287
Zip: 21741
State: MD

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

USTs Tank Information

Tank ID:	1	***Substance Desc:***	Aviation
Tank Status Desc:	Permanently Out Of Use	***Tbl Tk Compartment:***	FALSE
Date Installed:	11/1/1983	***Tbl Cmprt Cmprt:***	A
Gallons:	15000		
Tank Mat Desc:	Cathodically Protected Steel (Coating w/CP - Galvanic)		
Pipe Mat Desc:	Cathodically Protected Steel (Galvanic)		

USTs Tank Owner Information

Phone:	(301) 733-5581	***Zip:***	21741
City:	Hagerstown	***State:***	MD
Name:	Quest One, LLC		
Contact:	David Rider		
Address:	P.O. Box 1287		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	1 of 1	SW	0.17 / 902.92	711.03 / -23	PHOENIX COLOR CORP.- PAPER CONVERTING BUILDING 18516 HENSON BLVD HAGERSTOWN MD 21742	RCRA VSQG

EPA Handler ID:	MDR000522055
Gen Status Universe:	VSG
Contact Name:	ROBERT REYNOLDS
Contact Address:	18249 PHOENIX DR , , HAGERSTOWN , MD, 21742 , US
Contact Phone No and Ext:	301-733-0018
Contact Email:	
Contact Country:	US
County Name:	WASHINGTON
EPA Region:	03
Land Type:	Private
Receive Date:	20080912
Location Latitude:	39.715112
Location Longitude:	-77.726658

Violation/Evaluation Summary

Note:	NO RECORDS: As of Sep 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Receive Date: 20080912
Handler Name: PHOENIX COLOR CORP.- PAPER CONVERTING BUILDING
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	18249 PHOENIX DR
Name:	PHOENIX COLOR CORPORATION	**Street 2:**	
Date Became Current:	20080915	**City:**	HAGERSTOWN
Date Ended Current:		**State:**	MD
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	21742

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	18249 PHOENIX DR
Name:	PHOENIX COLOR CORPORATION	**Street 2:**	
Date Became Current:	20080915	**City:**	HAGERSTOWN
Date Ended Current:		**State:**	MD
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	21742

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	1 of 1	SE	0.18 / 939.26	702.29 / -32	P I E NATIONWIDE INC INDUSTRY DRIVE HAGERSTOWN MD 21742	RCRA SQG

EPA Handler ID: MDD074934019
Gen Status Universe: Small Quantity Generator
Contact Name: NORMAN HOPKINS
Contact Address: INDUSTRY DRIVE , , HAGERSTOWN , MD, 21742 , US
Contact Phone No and Ext: 301-797-3000
Contact Email:
Contact Country: US
County Name: WASHINGTON
EPA Region: 03
Land Type: Private
Receive Date: 19880802
Location Latitude: 39.714973
Location Longitude: -77.72143

Violation/Evaluation Summary

Note: NO RECORDS: As of Sep 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19880802
Handler Name: P I E NATIONWIDE INC
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Name: OPERNAME
Date Became Current:
Date Ended Current:
Phone: 215-555-1212
Source Type: Notification
Street No:
Street 1: OPERSTREET
Street 2:
City: OPERCITY
State: AK
Country:
Zip Code: 99999

Owner/Operator Ind: Current Owner
Type: Private
Name: I U INTERNATIONAL
Date Became Current:
Date Ended Current:
Phone: 215-555-1212
Source Type: Notification
Street No:
Street 1: OWNERSTREET
Street 2:
City: OWNERCITY
State: AK
Country:
Zip Code: 99999

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	1 of 2	SSE	0.19 / 1,021.00	697.48 / -37	REYNOLDS & REYNOLDS 14515 PENNSYLVANIA AVE HAGERSTOWN MD 21742	RCRA NON GEN

EPA Handler ID: MDD985422062
Gen Status Universe: No Report
Contact Name: TERRY AVEY
Contact Address: 14515 PENNSYLVANIA AVE , , HAGERSTOWN , MD, 21742 , US
Contact Phone No and Ext: 301-790-3110
Contact Email:
Contact Country: US
County Name: WASHINGTON
EPA Region: 03
Land Type: Private
Receive Date: 20130424
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Sep 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20130424
Handler Name:	REYNOLDS & REYNOLDS
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Waste Code Details

Hazardous Waste Code:	D006
Waste Code Description:	CADMIUM
Hazardous Waste Code:	D008
Waste Code Description:	LEAD
Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	D007
Waste Code Description:	CHROMIUM

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19930512
Handler Name:	REYNOLDS & REYNOLDS
Source Type:	Notification
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Waste Code Details

Hazardous Waste Code:	D006
Waste Code Description:	CADMIUM
Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	D008
Waste Code Description:	LEAD
Hazardous Waste Code:	D007
Waste Code Description:	CHROMIUM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	3501 NE 10TH ST
Name:	DBA MARKETING INC	***Street 2:***	
Date Became Current:		***City:***	OCALA
Date Ended Current:		***State:***	FL
Phone:	904-732-3633	***Country:***	
Source Type:	Implementer	***Zip Code:***	32670

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	3501 NE 10TH ST
Name:	DBA MARKETING INC	***Street 2:***	
Date Became Current:		***City:***	OCALA
Date Ended Current:		***State:***	FL
Phone:	904-732-3633	***Country:***	US
Source Type:	Notification	***Zip Code:***	32670

Historical Handler Details

Receive Dt:	19930512
Generator Code Description:	Not a Generator, Verified
Handler Name:	REYNOLDS & REYNOLDS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	2 of 2	SSE	0.19 / 1,021.00	697.48 / -37	THE RELIZON COMPANY 14515 PENNSYLVANIA AV HAGERSTOWN MD 21742	RCRA SQG

EPA Handler ID:	MDD044977247
Gen Status Universe:	Small Quantity Generator
Contact Name:	TIM HYER
Contact Address:	14515 PENNSYLVANIA AV , , HAGERSTOWN , MD, 21742 , US
Contact Phone No and Ext:	301-790-3110
Contact Email:	
Contact Country:	US
County Name:	WASHINGTON
EPA Region:	03
Land Type:	Private
Receive Date:	20010205
Location Latitude:	39.688376
Location Longitude:	-77.721083

Violation/Evaluation Summary

Note:	NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated Sep, 2022.

Evaluation Details

Evaluation Start Date:	19910307
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Violation Short Description:	
Return to Compliance Date:	
Evaluation Agency:	State

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No

Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19900525
Handler Name: THE RELIZON COMPANY
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20010205
Handler Name: THE RELIZON COMPANY
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: THE RELIZON COMPANY
Date Became Current:
Date Ended Current:
Phone: 937-485-8049
Source Type: Notification
Street No:
Street 1: ONE REYNOLDS WY
Street 2:
City: KETTERLING
State: OH
Country:
Zip Code: 45430

Owner/Operator Ind: Current Owner
Type: Private
Name: REYNOLDS & REYNOLDS
Date Became Current:
Date Ended Current:
Phone: 301-790-3110
Source Type: Notification
Street No:
Street 1: PO BOX 195
Street 2:
City: DAYTON
State: OH
Country:
Zip Code: 45401

Owner/Operator Ind: Current Operator
Type: Private
Name: OPERNAME
Street No:
Street 1: OPERSTREET
Street 2:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Became Current:
Date Ended Current:
Phone: 215-555-1212
Source Type: Notification
City: OPERCITY
State: AK
Country:
Zip Code: 99999

Historical Handler Details

Receive Dt: 19900525
Generator Code Description: Small Quantity Generator
Handler Name: THE RELIZON COMPANY

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	1 of 1	SE	0.22 / 1,143.83	700.80 / -34	A. C. and T. Co., Inc. - Industry Drive 14533 Industry Drive Hagerstown MD 21741-4217	AST

AI ID: 37815
Physical Addr Line 3:
County: Washington

Detail Info

Tank ID: 2
Product: Additives
Permit No: 2013-OPT-2105A
Permit Type: Oil Operations
Permit Status: History
Owner Addr Line 1:
Owner Addr Line 2:
Owner Muni:
Owner State:
Owner Zip:
Owner Phone:
Owner Name:
Product Description: 137-gallons additive
Capacity: 137
Effective Start Date: 6/11/2013
Effective End Date: 10/5/2013
Contact Addr Line 1: PO Box 4217
Contact Addr Line 2: 16503 Hunters Green, LLC
Contact Muni: Hagerstown
Contact State: MD
Contact Zip: 21741
Contact Phone: 301-582-2700
Contact Name: Brad Fulton

Tank ID: 2
Product: Additives
Permit No: 2013-OPT-2105B
Permit Type: Oil Operations
Permit Status: History
Owner Addr Line 1:
Owner Addr Line 2:
Owner Muni:
Owner State:
Owner Zip:
Owner Phone:
Owner Name:
Product Description: 137-gallons additive
Capacity: 137
Effective Start Date: 10/4/2013
Effective End Date: 6/28/2018
Contact Addr Line 1: Rte 2, Box 376a
Contact Addr Line 2:
Contact Muni: Hagerstown
Contact State: MD
Contact Zip: 21741
Contact Phone: 301-582-2700
Contact Name: Brad Fulton

Tank ID:
Product: Diesel Fuel
Permit No: 2013-OPT-2105B
Permit Type: Oil Operations
Permit Status: History
Owner Addr Line 1:
Owner Addr Line 2:
Owner Muni:
Owner State:
Owner Zip:
Owner Phone:
Owner Name:
Product Description: 12000-gallon diesel
Capacity: 12000
Effective Start Date: 10/4/2013
Effective End Date: 6/28/2018
Contact Addr Line 1: Rte 2, Box 376a
Contact Addr Line 2:
Contact Muni: Hagerstown
Contact State: MD
Contact Zip: 21741
Contact Phone: 301-582-2700
Contact Name: Brad Fulton

Tank ID: 1
Product: Diesel Fuel
Capacity: 300000
Effective Start Date: 6/27/2012

Permit No:	2013-OPT-2105	**Effective End Date:**	6/11/2013
Permit Type:	Oil Operations	**Contact Addr Line 1:**	Rte 2, Box 376a
Permit Status:	History	**Contact Addr Line 2:**	
Owner Addr Line 1:		**Contact Muni:**	Hagerstown
Owner Addr Line 2:		**Contact State:**	MD
Owner Muni:		**Contact Zip:**	21741
Owner State:		**Contact Phone:**	301-582-2700
Owner Zip:		**Contact Name:**	Brad Fulton
Owner Phone:			
Owner Name:			
Product Description:	300000 Gallon Diesel Fuel		

Tank ID:		**Capacity:**	12000
Product:	Diesel Fuel	**Effective Start Date:**	6/11/2013
Permit No:	2013-OPT-2105A	**Effective End Date:**	10/5/2013
Permit Type:	Oil Operations	**Contact Addr Line 1:**	PO Box 4217
Permit Status:	History	**Contact Addr Line 2:**	16503 Hunters Green, LLC
Owner Addr Line 1:		**Contact Muni:**	Hagerstown
Owner Addr Line 2:		**Contact State:**	MD
Owner Muni:		**Contact Zip:**	21741
Owner State:		**Contact Phone:**	301-582-2700
Owner Zip:		**Contact Name:**	Brad Fulton
Owner Phone:			
Owner Name:			
Product Description:	12000-gallon diesel		

Tank ID:	2	**Capacity:**	137
Product:	Additives	**Effective Start Date:**	6/27/2012
Permit No:	2013-OPT-2105	**Effective End Date:**	6/11/2013
Permit Type:	Oil Operations	**Contact Addr Line 1:**	Rte 2, Box 376a
Permit Status:	History	**Contact Addr Line 2:**	
Owner Addr Line 1:		**Contact Muni:**	Hagerstown
Owner Addr Line 2:		**Contact State:**	MD
Owner Muni:		**Contact Zip:**	21741
Owner State:		**Contact Phone:**	301-582-2700
Owner Zip:		**Contact Name:**	Brad Fulton
Owner Phone:			
Owner Name:			
Product Description:	137-gallons additive		

Tank ID:	1	**Capacity:**	300000
Product:	N/A	**Effective Start Date:**	8/14/2007
Permit No:	2008-OPT-2105	**Effective End Date:**	8/14/2012
Permit Type:	Oil Operations	**Contact Addr Line 1:**	
Permit Status:	History	**Contact Addr Line 2:**	
Owner Addr Line 1:		**Contact Muni:**	
Owner Addr Line 2:		**Contact State:**	
Owner Muni:		**Contact Zip:**	
Owner State:		**Contact Phone:**	
Owner Zip:		**Contact Name:**	
Owner Phone:			
Owner Name:			
Product Description:	300000 Gallon Diesel Fuel		

Tank ID:	1	**Capacity:**	300000
Product:	Diesel Fuel	**Effective Start Date:**	6/11/2013
Permit No:	2013-OPT-2105A	**Effective End Date:**	10/5/2013
Permit Type:	Oil Operations	**Contact Addr Line 1:**	PO Box 4217
Permit Status:	History	**Contact Addr Line 2:**	16503 Hunters Green, LLC
Owner Addr Line 1:		**Contact Muni:**	Hagerstown
Owner Addr Line 2:		**Contact State:**	MD
Owner Muni:		**Contact Zip:**	21741
Owner State:		**Contact Phone:**	301-582-2700
Owner Zip:		**Contact Name:**	Brad Fulton
Owner Phone:			
Owner Name:			
Product Description:	300000 Gallon Diesel Fuel		

Tank ID:	1	**Capacity:**	12000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Product:	Diesel Fuel	**Effective Start Date:**	7/25/2018
Permit No:	2018-OPT-2105	**Effective End Date:**	7/25/2023
Permit Type:	Oil Operations	**Contact Addr Line 1:**	PO Box 4217
Permit Status:	Active	**Contact Addr Line 2:**	
Owner Addr Line 1:		**Contact Muni:**	Hagerstown
Owner Addr Line 2:		**Contact State:**	MD
Owner Muni:		**Contact Zip:**	21741
Owner State:		**Contact Phone:**	301-582-2700
Owner Zip:		**Contact Name:**	Brad Fulton
Owner Phone:			
Owner Name:			
Product Description:	12,000-gallon diesel fuel		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	1 of 1	ESE	0.24 / 1,270.47	707.97 / -26	GREENWOOD MOTORLINES DBA R&L CARRIERS 14527 INDUSTRY DR HAGERSTOWN MD 21742	RCRA NON GEN

EPA Handler ID:	MDR000507129
Gen Status Universe:	No Report
Contact Name:	TINA BREEZLEY
Contact Address:	600 , GILLAM RD , , WILMINGTON , OH, 45177 , US
Contact Phone No and Ext:	800-543-5589 x1545
Contact Email:	TBREEZLEY@RLCARRIERS.COM
Contact Country:	US
County Name:	WASHINGTON
EPA Region:	03
Land Type:	Private
Receive Date:	20200204
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated Sep, 2022.

Evaluation Details

Evaluation Start Date:	20190829
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Return to Compliance Date:	
Evaluation Agency:	State

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20200204
Handler Name: GREENWOOD MOTORLINES DBA R&L CARRIERS
Source Type: Annual/Biennial Report update with Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20100402
Handler Name: FEDEX FREIGHT
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: U134
Waste Code Description: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20191004
Handler Name: GREENWOOD MOTORLINES DBA R&L CARRIERS
Source Type: Deactivation
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20170720
Handler Name: GREENWOOD MOTORLINES DBA R&L CARRIERS
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20180227

Handler Name: GREENWOOD MOTORLINES DBA R&L CARRIERS
Source Type: Annual/Biennial Report update with Notification
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Waste Code Details

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U162
Waste Code Description: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20021025
Handler Name: FEDEX FREIGHT
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: U134
Waste Code Description: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20090803
Handler Name: FEDEX FREIGHT
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: U134
Waste Code Description: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20160318
Handler Name: GREENWOOD MOTORLINES DBA R - L CARRIERS
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT

SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20170626
Handler Name: GREENWOOD MOTORLINES DBA R - L CARRIERS
Source Type: Notification
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	14527
Type:	Private	***Street 1:***	INDUSTRY LN
Name:	FEDEX FREIGHT INC	***Street 2:***	
Date Became Current:	20090101	***City:***	HAGERSTOWN
Date Ended Current:		***State:***	MD
Phone:		***Country:***	US
Source Type:	Notification	***Zip Code:***	21742

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	P.O. BOX 4217
Name:	FULTON PROPERTIES, INC.	***Street 2:***	
Date Became Current:	20091113	***City:***	HAGERSTOWN
Date Ended Current:		***State:***	MD
Phone:	937-382-1494	***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	21741

Owner/Operator Ind:	Current Operator	***Street No:***	600
Type:	Private	***Street 1:***	GILLAM RD
Name:	GREENWOOD MOTORLINES DBA R&L CARRIERS	***Street 2:***	
Date Became Current:	20091113	***City:***	WILMINGTON
Date Ended Current:		***State:***	OH
Phone:	937-382-1494	***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	45177

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	600 GILLAM RD
Name:	FULTON PROPERTIES, INC	***Street 2:***	
Date Became Current:	20091113	***City:***	WILMINGTON
Date Ended Current:		***State:***	OH
Phone:		***Country:***	US
Source Type:	Notification	***Zip Code:***	45177

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	P.O. BOX 4217
Name:	FULTON PROPERTIES, INC.	***Street 2:***	
Date Became Current:	20091113	***City:***	HAGERSTOWN
Date Ended Current:		***State:***	MD
Phone:	937-382-1494	***Country:***	US
Source Type:	Deactivation	***Zip Code:***	21741

Owner/Operator Ind:	Current Operator	***Street No:***	

Type:	Private	**Street 1:**	600 GILLAM RD
Name:	GREENWOOD MOTORLINES, INC	**Street 2:**	
Date Became Current:	20091113	**City:**	WILMINGTON
Date Ended Current:		**State:**	OH
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	45177
Owner/Operator Ind:	Current Owner	**Street No:**	1805
Type:	Private	**Street 1:**	E 23RD ST
Name:	FEDEX FREIGHT	**Street 2:**	SUITE 1
Date Became Current:	20010101	**City:**	LITTLE ROCK
Date Ended Current:		**State:**	AR
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	72206
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 4217
Name:	FULTON PROPERTIES, INC	**Street 2:**	
Date Became Current:	20091113	**City:**	HAGERSTOWN
Date Ended Current:		**State:**	MD
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	21741
Owner/Operator Ind:	Current Operator	**Street No:**	600
Type:	Private	**Street 1:**	GILLAM RD
Name:	GREENWOOD MOTORLINES DBA R&L CARRIERS	**Street 2:**	
Date Became Current:	20091113	**City:**	WILMINGTON
Date Ended Current:		**State:**	OH
Phone:	937-382-1494	**Country:**	US
Source Type:	Deactivation	**Zip Code:**	45177
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	2200 FORWARD DR
Name:	FEDEX FREIGHT	**Street 2:**	
Date Became Current:	20010101	**City:**	HARRISON
Date Ended Current:		**State:**	AR
Phone:	370-741-9000	**Country:**	US
Source Type:	Notification	**Zip Code:**	72601
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	600 GILLAM RD
Name:	GREENWOOD MOTOR LINE, INC	**Street 2:**	
Date Became Current:	20091113	**City:**	WILMINGTON
Date Ended Current:		**State:**	OH
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	45177

Historical Handler Details

Receive Dt:	20170720
Generator Code Description:	Small Quantity Generator
Handler Name:	GREENWOOD MOTORLINES DBA R&L CARRIERS
Receive Dt:	20160318
Generator Code Description:	Very Small Quantity Generator
Handler Name:	GREENWOOD MOTORLINES DBA R - L CARRIERS
Receive Dt:	20180227
Generator Code Description:	Large Quantity Generator
Handler Name:	GREENWOOD MOTORLINES DBA R&L CARRIERS
Receive Dt:	20021025
Generator Code Description:	Very Small Quantity Generator
Handler Name:	FEDEX FREIGHT
Receive Dt:	20100402
Generator Code Description:	Very Small Quantity Generator

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Handler Name: FEDEX FREIGHT

Receive Dt: 20191004
Generator Code Description: Not a Generator, Verified
Handler Name: GREENWOOD MOTORLINES DBA R&L CARRIERS

Receive Dt: 20090803
Generator Code Description: Very Small Quantity Generator
Handler Name: FEDEX FREIGHT

Receive Dt: 20170626
Generator Code Description: Large Quantity Generator
Handler Name: GREENWOOD MOTORLINES DBA R - L CARRIERS

7	1 of 2	SSE	0.34 / 1,811.08	695.02 / -39	WA CO REGIONAL AIRPORT/OLD GROVE HANGAR 18635 JARKEY DR HAGERSTOWN MD 21742	OCP

Case No: 99-2974WA
Status: CLOSED
Date Open: 6/15/1999
Date Closed: 7/7/1999
Code: B-8
Code Desc: Tank Closure - Motor/Lube
Reg No: 16011
Release: NO
Cleanup:
MIA:
County Desc: WASHINGTON

7	2 of 2	SSE	0.34 / 1,811.08	695.02 / -39	AVIATION RESOURCES 18635 JARKEY DR HAGERSTOWN MD 21742	OCP

Case No: 05-1250WA
Status: CLOSED
Date Open: 6/24/2005
Date Closed: 6/26/2006
Code: B-8
Code Desc: Tank Closure - Motor/Lube
Reg No: 16011
Release: NO
Cleanup:
MIA:
County Desc: WASHINGTON

8	1 of 3	W	0.34 / 1,813.01	691.89 / -43	CITI CORP CREDIT SERVICES 14700 CITICORP DR HAGERSTOWN MD 21742	OCP

Case No: 10-0106WA
Status: CLOSED
Date Open: 8/25/2009
Date Closed: 10/15/2009
Code: B-8
Code Desc: Tank Closure - Motor/Lube
Reg No: 5151
Release: NO
Cleanup: NO
MIA:
County Desc: WASHINGTON

8	2 of 3	W	0.34 / 1,813.01	691.89 / -43	CITICORP CREDIT SERVICES INC 14700 CITICORP DR HAGERSTOWN MD 21742	OCP

Case No: 99-2335WA
Status: CLOSED
Date Open: 3/18/1999
Date Closed: 6/17/1999
Code: B-9
Code Desc: former code to indicate Heating Oil was split into B9a for Residential HO and B9b for Commercial HO
Reg No: 5151
Release: NO
Cleanup:
MIA:
County Desc: WASHINGTON

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	3 of 3	W	0.34 / 1,813.01	691.89 / -43	CITICORP CREDIT SERVICE INC 14700 CITICORP DR HAGERSTOWN MD 21742	OCP

Case No:	17-0186WA	**Reg No:**	5151
Status:	CLOSED	**Release:**	NO
Date Open:	9/28/2016	**Cleanup:**	NO
Date Closed:	1/15/2019	**MIA:**	
Code:	B-1	**County Desc:**	WASHINGTON
Code Desc:	Test Failure - Motor/Lube Oil		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	1 of 1	SE	0.37 / 1,957.15	700.17 / -34	WPS INC 14500 BYERS RD HAGERSTOWN MD 21742	OCP

Case No:	10-0508WA	**Reg No:**	19961
Status:	CLOSED	**Release:**	NO
Date Open:	3/29/2010	**Cleanup:**	NO
Date Closed:	7/8/2010	**MIA:**	
Code:	B-9B	**County Desc:**	WASHINGTON
Code Desc:	Tank Closure - Commercial Heating Oil		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
10	1 of 2	WSW	0.39 / 2,060.17	691.83 / -43	Fairchild Hot Fire Training Pit Citicorp Drive (South Side) Hagerstown MD 21742	SHWS

BMI No:	MD2015	**Soil Chlorina:**	Yes
Table Sites ID:	2278	**Soil Petroleum:**	No
EPA ID:		**Soil Metals:**	Yes
Tax ID:		**Soil Pesticide:**	No
Tax Map No:	10	**Soil PCB:**	No
Lot No:		**Soil PAH:**	No
Parcel No:	92	**SED Chlorina:**	No
Regulatory:		**SED Petroleum:**	No
Federal Facility:	No	**SED Metals:**	No
Assessment:	Yes	**SED Pesticide:**	No
Remediation:	No	**SED PCB:**	No
Brownfield:	No	**SED PAH:**	No
Withdrawn:	No	**SW Chlorina:**	No
Det Issued:	No	**SW Petroleum:**	No
Archived:	No	**SW Metals:**	No
GWI:	No	**SW Pesticide:**	No
NPL:	No	**SW PCB:**	No
VCP:	No	**SW PAH:**	No
FUD:	No	**Acreage:**	3.731
Site Assess:	No	**State:**	Maryland
GW Chlorina:	Yes	**County:**	Washington
GW Petroleum:	No	**FY Open:**	
GW Metals:	Yes	**FY Closed:**	
GW Pesticide:	No	**Block:**	
GW PCB:	No	**CHS Oversig:**	Yes
GW PAH:	No	**Enforc Ongo:**	No
File Available E:	No		

Site Alias: Part of Fairchild Republic Project (MD0056) **Note: many records provided by the department have a truncated [Site Alias] field.

Notes: Groundwater issue extends onto properties to the northwest (Phoenix Color properties). Historically associated with the Fairchild Republic Project (MD0056). **Note: many records provided by the department have a truncated [Notes] field.

Fact Link:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
10	2 of 2	WSW	0.39 / 2,060.17	691.83 / -43	Fairchild Hot Fire Training Pit Citicorp Drive (South Side) Hagerstown MD 21742	BROWNFIELDS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Site ID:	2278	**Longitude:**	-77.731299996376
BMI No:	MD2015	**Latitude:**	39.7151999995112
BMI No (BMI Active):	MD2015	**BMI No (BMI Archive):**	
Site Name:	Fairchild Hot Fire Training Pit		
Site Alias:	Part of Fairchild Republic Project (MD0056)		
Address:	Citicorp Drive (South Side)		
Clty:	Hagerstown		
Site Name (BMI Active):	Fairchild Hot Fire Training Pit		
Site Alias (BMI Active):	Part of Fairchild Republic Project (MD0056)		
Address (BMI Active):	Citicorp Drive (South Side)		
City (BMI Active):	Hagerstown		
ZIP Code (BMI Active):	21742		
Site Name (BMI Archive):			
Site Alias (BMI Archive):			
Address (BMI Archive):			
City (BMI Archive):			
ZIP Code (BMI Archive):			
Data Source(s):	SHWS LRP Sites (Aug 2022); SHWS BMI Active (Sept 2022)		

Applicant Entity

Part Status:		**Sign Post Dt:**	
Land Use:		**End Cmnt Prd:**	
Determ Type:		**Dt App Subm:**	
App Name:		**Dt App Acpt:**	
App Address:		**Dt Pub Meet:**	
App City:		**Dt RAP Sub:**	
App State:		**Dt RAP Accpt:**	
App Zipcode:		**Dt Withdraw:**	
App Acre:		**Dt Determ:**	
App Withdraw:			
Notes:			

LRP Site Details

EPA ID:		**GW Metals:**	Yes
Regulatory:		**GW Pesticid:**	No
FY Open:		**GW PCB:**	No
FY Closed:		**GW PAH:**	No
Parcel Numb:	92	**Soil Chlori:**	Yes
Tax Map Numb:	10	**Soil Petrol:**	No
Block:		**Soil Metals:**	Yes
Lot Number:		**Soil Pestic:**	No
Tax ID:		**Soil PCB:**	No
File Available:	No	**Soil PAH:**	No
Brownfield:	No	**Sed Chlorin:**	No
Site Assess:	No	**Sed Petrole:**	No
FUD:	No	**Sed Metals:**	No
Fed Facility:	No	**Sed Pestici:**	No
GWI:	No	**Sed PCB:**	No
NPL:	No	**Sed PAH:**	No
VCP:	No	**SW Chlorina:**	No
Assess Ongoing:	Yes	**SW Petroleu:**	No
Remed Ongoing:	No	**SW Metals:**	No
Withdrawn:	No	**SW Pesticid:**	No
Det Issued:	No	**SW PCB:**	No
Archived:	No	**SW PAH:**	No
Enforc Ongoing:	No	**County:**	Washington
CHS Oversight:	Yes	**Zip Code:**	21742
GW Chlorina:	Yes	**Acreage:**	3.731
GW Petroleu:	No		
Notes for PU:	Groundwater issue extends onto properties to the northwest (Phoenix Color properties). Historically associated with the Fairchild Republic Project (MD0056).		
Fact Link:			

Active BMI Site Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Part/Prev LRP Closur:	No	**Acres:**	3.731
Being Remediated:	No	**Zip Code:**	21742
Being Assessed:	Yes	**County:**	Washington
Fact Sheet Link:			

11 **1 of 1** **S** **0.87 / 4,607.54** **693.79 / -41** **18450 Showalter Road Property**
18450 Showalter Road
Hagerstown MD 21742
SHWS

BMI No:	MD2014	**Soil Chlorina:**	No
Table Sites ID:	2277	**Soil Petroleum:**	No
EPA ID:		**Soil Metals:**	No
Tax ID:	27-038166	**Soil Pesticide:**	No
Tax Map No:	24	**Soil PCB:**	No
Lot No:	UN 2; UN1	**Soil PAH:**	No
Parcel No:	1201; 1200; 985	**SED Chlorina:**	No
Regulatory:		**SED Petroleum:**	No
Federal Facility:	No	**SED Metals:**	No
Assessment:	No	**SED Pesticide:**	No
Remediation:	No	**SED PCB:**	No
Brownfield:	No	**SED PAH:**	No
Withdrawn:	No	**SW Chlorina:**	No
Det Issued:	Yes	**SW Petroleum:**	No
Archived:	Yes	**SW Metals:**	No
GWI:	No	**SW Pesticide:**	No
NPL:	No	**SW PCB:**	No
VCP:	No	**SW PAH:**	No
FUD:	No	**Acreage:**	55.6849
Site Assess:	No	**State:**	Maryland
GW Chlorina:	Yes	**County:**	Washington
GW Petroleum:	No	**FY Open:**	
GW Metals:	Yes	**FY Closed:**	2020
GW Pesticide:	No	**Block:**	
GW PCB:	No	**CHS Oversig:**	Yes
GW PAH:	No	**Enforc Ongo:**	No
File Available E:	No		

Site Alias: Part of Fairchild Republic Main Plant(MD0056); Top Flight Air Park; New Heights Industrial Park **Note: many records provided by the department have a truncated [Site Alias] field.

Notes: Also includes Map 24, Parcel 1200, Lot UN 1 and Map 24, Parcel 985, which are owned by independent entities. Project associated with Fairchild Republic (MD0056). Document review and site status determination letter issued 2/19/2020 requiring an Environm **Note: many records provided by the department have a truncated [Notes] field.

Fact Link:

Applicant Entity(Current as of 01 Aug, 2022)

Part Status:		**Dt App Subm:**	
Land Use:		**Dt Pub Meet:**	
Determ Type:	EC Only	**Dt Determ:**	05/06/2020
End Cmnt Prd:		**Dt App Acpt:**	
App City:	New York	**Dt RAP Sub:**	
App State:	New York	**Dt RAP Accpt:**	
App Zipcode:	10007	**Dt Withdraw:**	
App Withdraw:		**Sign Post Dt:**	
App Acre:	40.908600		
App Name:	New Heights Industrial Park LLC		
App Address:	225 Broadway, 32nd Floor		
Notes:			

Unplottable Summary

Total: 12 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
ERNS		PENNSYLVANIA AVE RAIL YARD ***NRC Report No:*** 1327004	HAGERSTOWN MD		899544336
OCP	WA COUNTY GOVT/LANDIS HANGAR	RT 11 ***Case No | Status:*** 95-2098WA | CLOSED	HAGERSTOWN MD	21740	811621846
OCP	WA CO WATER & SEWER DEPT RT 11 PUMPING STATION	RT 11 ***Case No | Status:*** 97-2373WA | CLOSED	HAGERSTOWN MD	21742	811622472
OCP	PIE NATIONWIDE	INDUSTRY DR ***Case No | Status:*** 92-0429WA | CLOSED	HAGERSTOWN MD	21740	811615705
OCP	WA CO WATER & SEWER DEPT - CITICORP PUMP STA	CITICORP DR ***Case No | Status:*** 98-1167WA | CLOSED	HAGERSTOWN MD	21742	811584861
OCP	SERV-U-VENDING	RT 11 ***Case No | Status:*** 9-1327WA | CLOSED	HAGERSTOWN MD	21740	811614819
OCP	GREASE MONKEY	PENNSYLVANIA AVE ***Case No | Status:*** 94-0394WA | CLOSED	HAGERSTOWN MD	21740	811598217
OCP	PIE NATIONWIDE / IU TERMINAL PROPERTIES	INDUSTRY DR ***Case No | Status:*** 92-1989WA | CLOSED	HAGERSTOWN MD	21740	811597060
RCRA NON GEN	JJ & W AIRCRAFT SERVICES	PENNSYLVANIA AVE. ***EPA Handler ID:*** MDP000005693	HAGERSTOWN MD	21742-0000	810214353
UST	The Bowman Group	Pennsylvania Avenue ***Tank ID | Tank Status Desc:*** 1 | Permanently Out of Use, 2 | Permanently Out of Use	Hagerstown MD	21740	811641396
UST	P*I*E Nationwide, Inc.	Industry Drive ***Tank ID | Tank Status Desc:*** 7 | Permanently Out of Use, 3 | Permanently Out of Use, 6 | Permanently Out of Use, 11 | Permanently Out of Use, 1 | Permanently Out of	Hagerstown MD	21740	811644110

Use, 2 | Permanently Out of Use, 10 | Permanently Out of Use, 5 | Permanently Out of Use, 9 | Permanently Out of Use, 4 | Permanently Out of Use, 8 | Permanently Out of Use

UST	Citicorp Pump Station	Citicorp Drive	Hagerstown MD	21742	811637993	

Tank ID | Tank Status Desc: 1 | Permanently Out of Use

Unplottable Report

Site:

PENNSYLVANIA AVE RAIL YARD HAGERSTOWN MD

ERNS

NRC Report No:	1327004	***Latitude Degrees:***	
Type of Incident:	RAILROAD	***Latitude Minutes:***	
Incident Cause:	UNKNOWN	***Latitude Seconds:***	
Incident Date:	1/21/2022 6:35	***Longitude Degrees:***	
Incident Location:		***Longitude Minutes:***	
Incident Dtg:	OCCURRED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Direction from City:		***Location Section:***	
Location County:	WASHINGTON	***Location Township:***	
Potential Flag:	No	***Location Range:***	
Year:	Year 2022 Reports		

Description of Incident: CALLER IS REPORTING A DISCHARGE OF 30 - 35 GALLONS OF DIESEL FUEL ONTO THE BALLAST DUE TO A LOCOMOTIVE FUEL TANK BEING OVERFILLED. THE CAUSE OF THE OVERFILL IS UNKNOWN.

Material Spill Information

Chris Code:	ODS	***Unit of Measure:***	GALLON(S)
CAS No:	000000-00-0	***If Reached Water:***	NO
UN No:		***Amount in Water:***	
Name of Material:	OIL: DIESEL	***Unit Reach Water:***	
Amount of Material:	35		

Calls Information

Date Time Received:	1/21/2022 8:59:00 AM	***Responsible City:***	
Date Time Complete:	1/21/2022 9:06:00 AM	***Responsible State:***	XX
Call Type:	INC	***Responsible Zip:***	
Resp Company:	VELOCITY RAIL SOLUTIONS	***Source:***	TELEPHONE
Resp Org Type:	PRIVATE ENTERPRISE		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	U
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	HANOVER
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:		***Structure Oper:***	U
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	

Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:		***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	NO
DOT Crossing No:		***Passenger Delay:***	NO
DOT Regulated:	U	***Sub Part C Test Req:***	UNK
Pipeline Type:		***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	N	***Yard Foreman Test:***	
Railroad Hotline:		***RCL Operator Test:***	
Railroad Milepost:	BAS 111.0	***Brakeman Test:***	
Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:		***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	Y	***State Agen Report No:***	
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	CLEAN UP CREW ON-SITE, CLEAN UP UNDERWAY.	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	CLEAR
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	N	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	N	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	
Waterway Close Time:		***Passengers Transfer:***	NO
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:	NONE	***Sheen Odor Desc:***	
Medium Desc:	BALLAST	***Duration Unit:***	
Addl Medium Info:	GRAVEL	***Additional Info:***	

Site: ***WA COUNTY GOVT/LANDIS HANGAR***
RT 11 HAGERSTOWN MD 21740

OCP

Case No:	95-2098WA	***Reg No:***	
Status:	CLOSED	***Release:***	
Date Open:	3/20/1995	***Cleanup:***	
Date Closed:	5/24/1999	***MIA:***	

Code:	B-8	***County Desc:***	WASHINGTON
Code Desc:	Tank Closure - Motor/Lube		

Site: ***WA CO WATER & SEWER DEPT RT 11 PUMPING STATION***
RT 11 HAGERSTOWN MD 21742

OCP

Case No:	97-2373WA	***Reg No:***	7474
Status:	CLOSED	***Release:***	NO
Date Open:	6/20/1997	***Cleanup:***	
Date Closed:	6/20/1997	***MIA:***	
Code:	B-9	***County Desc:***	WASHINGTON
Code Desc:	former code to indicate Heating Oil was split into B9a for Residential HO and B9b for Commercial HO		

Site: ***PIE NATIONWIDE***
INDUSTRY DR HAGERSTOWN MD 21740

OCP

Case No:	92-0429WA	***Reg No:***	17787
Status:	CLOSED	***Release:***	
Date Open:	8/23/1991	***Cleanup:***	
Date Closed:		***MIA:***	
Code:		***County Desc:***	WASHINGTON
Code Desc:			

Site: ***WA CO WATER & SEWER DEPT - CITICORP PUMP STA***
CITICORP DR HAGERSTOWN MD 21742

OCP

Case No:	98-1167WA	***Reg No:***	7495
Status:	CLOSED	***Release:***	NO
Date Open:	12/8/1997	***Cleanup:***	
Date Closed:	12/8/1997	***MIA:***	
Code:	B-8	***County Desc:***	WASHINGTON
Code Desc:	Tank Closure - Motor/Lube		

Site: ***SERV-U-VENDING***
RT 11 HAGERSTOWN MD 21740

OCP

Case No:	9-1327WA	***Reg No:***	10081
Status:	CLOSED	***Release:***	
Date Open:	3/14/1989	***Cleanup:***	
Date Closed:	3/14/1989	***MIA:***	
Code:		***County Desc:***	WASHINGTON
Code Desc:			

Site: ***GREASE MONKEY***
PENNSYLVANIA AVE HAGERSTOWN MD 21740

OCP

Case No:	94-0394WA	***Reg No:***	
Status:	CLOSED	***Release:***	
Date Open:	7/27/1993	***Cleanup:***	
Date Closed:	8/27/1993	***MIA:***	
Code:		***County Desc:***	WASHINGTON
Code Desc:			

Site: ***PIE NATIONWIDE / IU TERMINAL PROPERTIES***
INDUSTRY DR HAGERSTOWN MD 21740

OCP

Case No:	92-1989WA	***Reg No:***	17787

Status:	CLOSED	***Release:***	
Date Open:	3/10/1992	***Cleanup:***	
Date Closed:	3/16/1992	***MIA:***	
Code:		***County Desc:***	WASHINGTON
Code Desc:			

Site: ***JJ & W AIRCRAFT SERVICES***
PENNSYLVANIA AVE. HAGERSTOWN MD 21742-0000

RCRA NON GEN

EPA Handler ID:	MDP000005693
Gen Status Universe:	No Report
Contact Name:	MELODY L REESE
Contact Address:	US
Contact Phone No and Ext:	301-739-2159 0013
Contact Email:	
Contact Country:	US
County Name:	WASHINGTON
EPA Region:	03
Land Type:	
Receive Date:	20130424
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated Sep, 2022.

Evaluation Details

Evaluation Start Date:	20030328
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Return to Compliance Date:	
Evaluation Agency:	State

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	20130424
Handler Name:	JJ & W AIRCRAFT SERVICES
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20030328
Handler Name: JJ & W AIRCRAFT SERVICES
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19920129
Handler Name: JJ & W AIRCRAFT SERVICES
Source Type: Annual/Biennial Report
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Historical Handler Details

Receive Dt: 19920129
Generator Code Description: Large Quantity Generator
Handler Name: JJ & W AIRCRAFT SERVICES

Receive Dt: 20030328
Generator Code Description: Not a Generator, Verified
Handler Name: JJ & W AIRCRAFT SERVICES

Site: ***The Bowman Group***
Pennsylvania Avenue Hagerstown MD 21740 UST

Facility ID: 10040
Facility Desc (OCP): Not Listed
Owner ID (OCP): 6127
Owner ID: 6127
Form Date: 5/27/1990
Other Facility (OCP):
Form Name: Todd A. Bowman
Form Title: Partner
Location Name (OCP): The Bowman Group
Location Address (OCP): Pennsylvania Avenue
Location City (OCP): Hagerstown
Location County (OCP): Washington
Location Zip (OCP): 21740
Report Source: USTs database; OCP Registered USTs database
Oper First Name: A. Bowman
Oper Last Name: Todd
Location Phone: (301) 733-1555
County: Washington

OCP Registered USTs Tank Info

Tank ID: 1
Tank Status Desc: Permanently Out of Use
Closure Status Desc: Tank removed from ground
Date Closed: 11/2/1995
Tank Capacity: 10000
Tank Mat Desc: Asphalt Coated or Bare Steel
Substance Desc: Diesel
Date Installed: 7/1/1983
Tank Mods Desc: None
Compartment: A

OCP Registered USTs Tank Info

Tank ID: 2
Tank Status Desc: Permanently Out of Use
Closure Status Desc: Tank removed from ground
Date Closed: 11/2/1995
Tank Capacity: 1000
Tank Mat Desc: Asphalt Coated or Bare Steel
Substance Desc: Diesel
Date Installed:
Tank Mods Desc: None
Compartment: A

OCP Registered USTs Owner Info

Phone: (301) 733-1555
City: Hagerstown
Zip: 21740
State: MD

Name: The Bowman Group
Contact: Todd A. Bowman
Address: Route 3, Box 229D

USTs Tank Information

Tank ID: 1
Tank Status Desc: Permanently Out of Use
Date Installed: 7/1/1983
Gallons: 10000
Tank Mat Desc: Asphalt Coated or Bare Steel
Pipe Mat Desc: Bare or Galvanized Steel
Substance Desc: Diesel
Tbl Tk Compartment: FALSE
Tbl Cmprt Cmprt: A

USTs Tank Information

Tank ID: 2
Tank Status Desc: Permanently Out of Use
Date Installed:
Gallons: 1000
Tank Mat Desc: Asphalt Coated or Bare Steel
Pipe Mat Desc: Bare or Galvanized Steel
Substance Desc: Diesel
Tbl Tk Compartment: FALSE
Tbl Cmprt Cmprt: A

USTs Tank Owner Information

Phone: (301) 733-1555
City: Hagerstown
Name: The Bowman Group
Contact: Todd A. Bowman
Address: Route 3, Box 229D
Zip: 21740
State: MD

Site: ***P*I*E Nationwide, Inc.***
Industry Drive Hagerstown MD 21740

UST

Facility ID: 17787
Facility Desc (OCP): Not Listed
Owner ID (OCP): 11995
Owner ID: 11995
Form Date: 7/7/1988
Other Facility (OCP):
Form Name: Sylvia Lee
Form Title: Properties Specialist
Location Name (OCP): P*I*E Nationwide, Inc.
Location Address (OCP): Industry Drive
Location City (OCP): Hagerstown
Location County (OCP): Washington
Location Zip (OCP): 21740
Report Source: USTs database; OCP Registered USTs database
Oper First Name: Paul
Oper Last Name: Andra
Location Phone: (301) 797-3000
County: Washington

OCP Registered USTs Tank Info

Tank ID: 3
Tank Status Desc: Permanently Out of Use
Closure Status Desc: Tank removed from ground
Date Closed: 3/1/1992
Tank Capacity: 10000
Tank Mat Desc: Asphalt Coated or Bare Steel
Substance Desc: Diesel
Date Installed: 7/1/1973
Tank Mods Desc: None
Compartment: A

OCP Registered USTs Tank Info

Tank ID: 8
Tank Status Desc: Permanently Out of Use
Closure Status Desc: Tank removed from ground
Date Closed: 3/1/1992
Tank Capacity: 1000
Tank Mat Desc: Asphalt Coated or Bare Steel
Substance Desc: Used Oil
Date Installed: 7/1/1975
Tank Mods Desc: None
Compartment: A

OCP Registered USTs Tank Info

Tank ID: 4
Tank Status Desc: Permanently Out of Use
Closure Status Desc: Tank removed from ground
Date Closed: 3/1/1992
Tank Capacity: 10000
Tank Mat Desc: Asphalt Coated or Bare Steel
Substance Desc: Diesel
Date Installed: 7/1/1973
Tank Mods Desc: None
Compartment: A

OCP Registered USTs Tank Info

Tank ID: 7
Tank Status Desc: Permanently Out of Use
Closure Status Desc: Tank removed from ground
Date Closed: 3/1/1992
Tank Capacity: 10000
Tank Mat Desc: Asphalt Coated or Bare Steel
Substance Desc: Diesel
Date Installed: 7/1/1979
Tank Mods Desc: None
Compartment: A

OCP Registered USTs Tank Info

Tank ID: 1
Tank Status Desc: Permanently Out of Use
Closure Status Desc: Tank removed from ground
Date Closed: 3/1/1992
Tank Capacity: 8000
Tank Mat Desc: Asphalt Coated or Bare Steel
Substance Desc: Gasoline
Date Installed: 3/1/1973
Tank Mods Desc: None
Compartment: A

OCP Registered USTs Tank Info

Tank ID: 9
Tank Status Desc: Permanently Out of Use
Closure Status Desc: Tank removed from ground
Date Closed: 3/1/1992
Tank Capacity: 8000
Tank Mat Desc: Asphalt Coated or Bare Steel
Substance Desc: Other
Date Installed:
Tank Mods Desc: None
Compartment: A

OCP Registered USTs Tank Info

Tank ID: 10
Tank Status Desc: Permanently Out of Use
Closure Status Desc: Tank removed from ground
Date Closed: 3/1/1992
Tank Capacity: 300000
Tank Mat Desc: Asphalt Coated or Bare Steel
Substance Desc: Diesel
Date Installed: 7/1/1982
Tank Mods Desc: None
Compartment: A

OCP Registered USTs Tank Info

Tank ID: 11
Tank Status Desc: Permanently Out of Use
Closure Status Desc: Tank removed from ground
Date Closed: 3/1/1992
Tank Capacity: 8000
Tank Mat Desc: Unknown
Substance Desc: Other
Date Installed: 7/1/1975
Tank Mods Desc: None
Compartment: A

OCP Registered USTs Tank Info

Tank ID: 2
Tank Status Desc: Permanently Out of Use
Closure Status Desc: Tank removed from ground
Date Closed: 3/1/1992
Tank Capacity: 10000
Tank Mat Desc: Asphalt Coated or Bare Steel
Substance Desc: Diesel
Date Installed: 7/1/1975
Tank Mods Desc: None
Compartment: A

OCP Registered USTs Tank Info

Tank ID: 5
Tank Status Desc: Permanently Out of Use
Closure Status Desc: Tank removed from ground
Date Closed: 3/1/1992
Tank Capacity: 10000
Tank Mat Desc: Asphalt Coated or Bare Steel
Substance Desc: Diesel
Date Installed: 7/1/1979
Tank Mods Desc: None
Compartment: A

OCP Registered USTs Tank Info

Tank ID: 6
Tank Status Desc: Permanently Out of Use
Closure Status Desc: Tank removed from ground
Date Closed: 3/1/1992
Tank Capacity: 10000
Tank Mat Desc: Asphalt Coated or Bare Steel
Substance Desc: Diesel
Date Installed: 7/1/1979
Tank Mods Desc: None
Compartment: A

OCP Registered USTs Owner Info

Phone:
City: Philadelphia
Name: I. U. Terminal Properties
Contact:
Address: 1500 Walnut Street
Zip: 19102
State: PA

USTs Tank Information

Tank ID: 7
Tank Status Desc: Permanently Out of Use
Date Installed: 7/1/1979
Gallons: 10000
Tank Mat Desc: Asphalt Coated or Bare Steel
Pipe Mat Desc: Bare or Galvanized Steel
Substance Desc: Diesel
Tbl Tk Compartment: FALSE
Tbl Cmprt Cmprt: A

USTs Tank Information

Tank ID: 3
Tank Status Desc: Permanently Out of Use
Date Installed: 7/1/1973
Gallons: 10000
Tank Mat Desc: Asphalt Coated or Bare Steel
Pipe Mat Desc: Bare or Galvanized Steel
Substance Desc: Diesel
Tbl Tk Compartment: FALSE
Tbl Cmprt Cmprt: A

USTs Tank Information

Tank ID: 6
Tank Status Desc: Permanently Out of Use
Date Installed: 7/1/1979
Gallons: 10000
Tank Mat Desc: Asphalt Coated or Bare Steel
Pipe Mat Desc: Bare or Galvanized Steel
Substance Desc: Diesel
Tbl Tk Compartment: FALSE
Tbl Cmprt Cmprt: A

USTs Tank Information

Tank ID: 11
Tank Status Desc: Permanently Out of Use
Date Installed: 7/1/1975
Gallons: 8000
Tank Mat Desc: Unknown
Pipe Mat Desc: Bare or Galvanized Steel
Substance Desc: Other
Tbl Tk Compartment: FALSE
Tbl Cmprt Cmprt: A

USTs Tank Information

Tank ID: 1
Tank Status Desc: Permanently Out of Use
Substance Desc: Gasoline
Tbl Tk Compartment: FALSE

Date Installed: 3/1/1973
Gallons: 8000
Tank Mat Desc: Asphalt Coated or Bare Steel
Pipe Mat Desc: Bare or Galvanized Steel
Tbl Cmprt Cmprt: A

USTs Tank Information

Tank ID: 2
Tank Status Desc: Permanently Out of Use
Date Installed: 7/1/1975
Gallons: 10000
Tank Mat Desc: Asphalt Coated or Bare Steel
Pipe Mat Desc: Bare or Galvanized Steel
Substance Desc: Diesel
Tbl Tk Compartment: FALSE
Tbl Cmprt Cmprt: A

USTs Tank Information

Tank ID: 10
Tank Status Desc: Permanently Out of Use
Date Installed: 7/1/1982
Gallons: 300000
Tank Mat Desc: Asphalt Coated or Bare Steel
Pipe Mat Desc: Bare or Galvanized Steel
Substance Desc: Diesel
Tbl Tk Compartment: FALSE
Tbl Cmprt Cmprt: A

USTs Tank Information

Tank ID: 5
Tank Status Desc: Permanently Out of Use
Date Installed: 7/1/1979
Gallons: 10000
Tank Mat Desc: Asphalt Coated or Bare Steel
Pipe Mat Desc: Bare or Galvanized Steel
Substance Desc: Diesel
Tbl Tk Compartment: FALSE
Tbl Cmprt Cmprt: A

USTs Tank Information

Tank ID: 9
Tank Status Desc: Permanently Out of Use
Date Installed:
Gallons: 8000
Tank Mat Desc: Asphalt Coated or Bare Steel
Pipe Mat Desc: Bare or Galvanized Steel
Substance Desc: Other
Tbl Tk Compartment: FALSE
Tbl Cmprt Cmprt: A

USTs Tank Information

Tank ID: 4
Tank Status Desc: Permanently Out of Use
Date Installed: 7/1/1973
Gallons: 10000
Tank Mat Desc: Asphalt Coated or Bare Steel
Pipe Mat Desc: Bare or Galvanized Steel
Substance Desc: Diesel
Tbl Tk Compartment: FALSE
Tbl Cmprt Cmprt: A

USTs Tank Information

Tank ID: 8
Tank Status Desc: Permanently Out of Use
Date Installed: 7/1/1975
Gallons: 1000
Tank Mat Desc: Asphalt Coated or Bare Steel
Pipe Mat Desc: Bare or Galvanized Steel
Substance Desc: Used Oil
Tbl Tk Compartment: FALSE
Tbl Cmprt Cmprt: A

USTs Tank Owner Information

Phone:
City: Philadelphia
Name: I. U. Terminal Properties
Contact:
Zip: 19102
State: PA

Address: 1500 Walnut Street

Site: ***Citicorp Pump Station***
Citicorp Drive Hagerstown MD 21742

UST

Facility ID: 7495
Facility Desc (OCP): Utilities
Owner ID (OCP): 4438
Owner ID: 4438
Form Date: 5/21/1998
Other Facility (OCP):
Form Name: Cynthia Glessner
Form Title: Facilities Mgr.
Location Name (OCP): Citicorp Pump Station
Location Address (OCP): Citicorp Drive
Location City (OCP): Hagerstown
Location County (OCP): Washington
Location Zip (OCP): 21742
Report Source: USTs database; OCP Registered USTs database

Oper First Name: Brian
Oper Last Name: Brandt
Location Phone:
County: Washington

OCP Registered USTs Tank Info

Tank ID: 1
Tank Status Desc: Permanently Out of Use
Closure Status Desc: Tank removed from ground
Date Closed: 12/8/1997
Tank Capacity: 280
Tank Mat Desc: Cathodically Protected Steel (Coating w/CP - Galvanic)

Substance Desc: Diesel
Date Installed:
Tank Mods Desc: None
Compartment: A

OCP Registered USTs Owner Info

Phone: (301) 791-3083
City: Williamsport
Name: Washington County Water & Sewer
Contact: Cynthia C . Glessner
Address: 16232 Elliott Parkway

Zip: 21795
State: MD

USTs Tank Information

Tank ID: 1
Tank Status Desc: Permanently Out of Use
Date Installed:
Gallons: 280
Tank Mat Desc: Cathodically Protected Steel (Coating w/CP - Galvanic)
Pipe Mat Desc: Copper

Substance Desc: Diesel
Tbl Tk Compartment: FALSE
Tbl Cmprt Cmprt: A

USTs Tank Owner Information

Phone: (301) 791-3083
City: Williamsport
Name: Washington County Water & Sewer
Contact: Cynthia C . Glessner
Address: 16232 Elliott Parkway

Zip: 21795
State: MD

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List: NPL

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jul 26, 2022

National Priority List - Proposed: PROPOSED NPL

Sites proposed - by the EPA, the state agency, or concerned citizens - for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jul 26, 2022

Deleted NPL: DELETED NPL

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. 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. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jul 26, 2022

SEMS List 8R Active Site Inventory: SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the SEMS GIS/REST file layer obtained from EPA's Facility Registry Service.

Government Publication Date: Sep 28, 2022

SEMS List 8R Archive Sites: SEMS ARCHIVE

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

Government Publication Date: Sep 28, 2022

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

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means 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). 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.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info 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. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Sep 5, 2022

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info 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. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Sep 5, 2022

RCRA Generator List: RCRA LQG

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Sep 5, 2022

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Sep 5, 2022

RCRA Very Small Quantity Generators List: RCRA VSQG

RCRA Info is the 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. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Sep 5, 2022

RCRA Non-Generators: RCRA NON GEN

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Sep 5, 2022

RCRA Sites with Controls: RCRA CONTROLS

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Sep 5, 2022

Federal Engineering Controls-ECs: FED ENG

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: May 25, 2022

Federal Institutional Controls- ICs: FED INST

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

Government Publication Date: May 25, 2022

Institutional Control Boundaries at NPL sites: NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

Government Publication Date: Jul 26, 2022

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Aug 28, 2022

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Sep 13, 2022

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Delisted Facility Response Plans: DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Historical Gas Stations: HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Superfund Decision Documents: SUPERFUND ROD

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

Government Publication Date: Sep 28, 2022

State

Land Restoration Program (LRP) Sites: SHWS

A list of Controlled Hazardous Substance (CHS) sites from the Land Restoration Program (LRP) Controlled Hazardous Substance (CHS) Enforcement Division of the Maryland Department of the Environment. The CHS Enforcement Division, also known as the State Superfund Program, oversees assessment and cleanup of hazardous waste sites by responsible persons. It also conducts assessment and cleanup of hazardous waste sites when no responsible person exists for a site or when the person is unable or unwilling to do the work. The statutory and regulatory requirements for carrying out the Hazardous Substances Response Plan are found in Section 7-222 of the Environment Article and in COMAR 26.14.

Government Publication Date: Sep 9, 2022

Delisted Potential Hazardous Waste Sites: DELISTED SHWS

This database contains a list of facilities which have been removed from Maryland Department of the Environment (MDE)'s potential hazardous waste sites. Facilities may be removed from the lists of potential hazardous waste sites when it is determined that the facility is not hazardous or not potentially hazardous.

Government Publication Date: Sep 9, 2022

Solid Waste Acceptance Facilities: SWF

List of permitted solid waste acceptance facilities, natural wood waste recycling facilities, and landfills with groundwater discharge permits made available by the Department of the Environment in Maryland's Solid Waste Program.

Government Publication Date: Sep 6, 2022

Historic Landfill Sites: SWF HIST

List of sites in Maryland's Historic Landfill Initiative Report, based on work conducted by the Maryland Department of the Environment (MDE) Waste Management Administration, Environmental Restoration and Redevelopment Program under a cooperative agreement with the U. S. Environmental Protection Agency (EPA). The Historic Landfill Initiative is a multi-year project designed to define the locations of historic waste disposal sites and rank their potential to contaminate the environment of Maryland. Made available by the MDE Land Restoration Program.

Government Publication Date: Mar 25, 2009

Underground Storage Tanks: UST

This list of registered underground storage tanks is provided by the Oil Control Program (OCP) within the Land Management Administration of the Maryland Department of the Environment (MDE). The listing includes sites from the UST Facility Summary Report's Facilities with delivery bans, and applicable FOIA files. The OCP helps companies and individuals to ensure that their USTs are in compliance with State and federal regulations. USTs storing motor fuels, used oil or bulk heating oil should have been upgraded or replaced by December 1998 to specific technical standards or removed from the ground. Some basic upgrade requirements are spill protection, overfill protection, and corrosion protection. Sites and site details are removed from the data made available to the public in case of a site is either determined to be non-regulated or previously registered in error.

Government Publication Date: Sep 12, 2022

Delisted Underground Storage Tanks: DELISTED UST

A list of delisted Underground Storage Tank facilities. The Oil Control Program within the Land Management Administration of the Maryland Department of the Environment regulates all oil-related activities, such as aboveground and underground oil storage facilities, oil-contaminated soil treatment facilities, and oil transportation. Sites and site details are removed from the data made available to the public in case of a site is either determined to be non-regulated or previously registered in error.

Government Publication Date: Jun 3, 2015

Aboveground Storage Tanks: AST

A listing of registered aboveground storage tanks. The Oil Control Program within the Land Management Administration of the Maryland Department of the Environment regulates oil-related activities, such as aboveground and underground oil storage facilities, oil-contaminated soil treatment facilities, and oil transportation. The Program oversees the installation, maintenance, operation and removal of oil storage tanks.

Government Publication Date: Sep 30, 2022

Delisted Storage Tanks: DELISTED TANKS

Sites which once appeared on - and have since been removed from - the list of registered underground or aboveground storage tanks. The Oil Control Program within the Land Management Administration of the Maryland Department of the Environment regulates all oil-related activities, such as aboveground and underground oil storage facilities, oil-contaminated soil treatment facilities, and oil transportation. Sites and site details are removed from the data made available to the public in case of a site is either determined to be non-regulated or previously registered in error.

Government Publication Date: Sep 30, 2022

Land Use Controls: LUC

List of sites with institutional or engineering controls. This list made available by Maryland Department of the Environment.

Government Publication Date: Jul 29, 2022

Oil Control Program: OCP

Cases of oil-related activities, such as leaking underground storage tanks, leaking aboveground storage tanks, inspections and spills. The Oil Control Program within the Land Management Administration of the Maryland Department of the Environment regulates all oil-related activities, such as aboveground and underground oil storage facilities, oil-contaminated soil treatment facilities, and oil transportation. The Program oversees the installation, maintenance, operation and removal of oil storage tanks.

Government Publication Date: Oct 1, 2022

Delisted Oil Control Program: DELISTED OCP

The list contains the records which have been removed from the oil control program made available by the Maryland Department of the Environment (MDE). Records may be removed from the lists of oil control program when the case is closed.

Government Publication Date: Oct 1, 2022

Voluntary Cleanup Program: VCP

Administrated by the Department of the Environment (MDE) Land Management Administration's Land Restoration Program (LMA-LRP) is to encourage the investigation of eligible properties with known or perceived controlled hazardous substance contamination, protect public health and the environment, accelerate cleanup of properties, and provide liability releases and finality to site cleanup. Properties also contaminated by oil are eligible to participate in the program.

Government Publication Date: Sep 9, 2022

Brownfields: BROWNFIELDS

This list of brownfield sites is provided by the Land Restoration Program (LRP) of the Maryland Department of the Environment (MDE). The MDE is required by §7-223(1) of the Environment Article to create a master list of sites where there is reason to believe or has been notified that controlled hazardous substances may be present. The site data included in this listing is sourced from the MDE's Brownfield Master Inventory (BMI Active and Archived Sites Reports), as well applicable LRP Map layer sites.

Government Publication Date: Sep 9, 2022

Tribal

Leaking Underground Storage Tanks (LUSTs) on Tribal/Indian Lands: INDIAN LUST

Leaking Underground Storage Tanks (LUSTs) on Tribal/Indian Lands in EPA Region 3, which includes Maryland.

Government Publication Date: May 4, 2018

Underground Storage Tanks (USTs) on Indian Lands: INDIAN UST

Listing of Underground Storage Tanks (USTs) on Tribal/Indian Lands in EPA Region 3, which includes Maryland. There is no UST records in Maryland at thsi time.

Government Publication Date: May 4, 2018

Delisted Tribal Leaking Storage Tanks: DELISTED ILST

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: Apr 9, 2022

Delisted Tribal Underground Storage Tanks: DELISTED IUST

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Apr 20, 2022

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index: FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Nov 2, 2020

Toxics Release Inventory (TRI) Program: TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U. S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Aug 24, 2021

SSEHRI PFAS Contamination Sites: PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Disclaimer: The source conveys this database undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Limited location details are available with this data. Access the following for the most current informations https://pfasproject.com/pfas-contamination-site-tr acker/

Government Publication Date: Dec 12, 2019

National Response Center PFAS Spills: ERNS PFAS

National Response Center (NRC) calls from 1990 to the most recent complete calendar year where there is indication of Aqueous Film Forming Foam (AFFF) usage. NRC calls may reference AFFF usage in the "Material Involved" or "Incident Description" fields. Data made available by the US Environmental Protection Agency (EPA). Disclaimer: dataset may include initial or misidentified incident data not yet validated or investigated by a federal/state response agency.

Government Publication Date: Feb 23, 2022

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

Toxic Substances Control Act: TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Sep 28, 2022

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Jul 23, 2022

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) online search. The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.
Government Publication Date: Jun 25, 2022

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).
Government Publication Date: Jun 25, 2022

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.
Government Publication Date: May 11, 2021

Superfunds Consent Decrees: CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS) since 2010. CMS may not reflect the latest developments in a case nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.
Government Publication Date: Sep 15, 2022

Air Facility System: AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.
Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments: SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.
Government Publication Date: Mar 30, 2022

Polychlorinated Biphenyl (PCB) Transformers: PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.
Government Publication Date: Oct 15, 2019

State

Emergency Response Spills and Incidents: SPILLS

The Maryland Emergency Response Reporting System (MERRS) of the Maryland Department of the Environment's (MDE) Emergency Response Division (ERD) tracks emergencies involving oil and hazardous chemical spills, nuclear power plant incidents, and other environmental crises.
Government Publication Date: Aug 5, 2021

Registered Drycleaning Facilities: DRYCLEANERS

List of registered dry cleaning facilities made available by the Air & Radiation Management Administration at the Maryland Department of the Environment (MDE).
Government Publication Date: Oct 26, 2022

Land Restoration Program Determination Areas: LRP AREA

Boundaries of Land Restoration Program (LRP) Determination Areas. Within the LRP, three programs exist to investigate eligible properties with known or perceived controlled hazardous substance contamination, protect public health and the environment, accelerate cleanup of properties, and provide liability releases and finality to site cleanup: the Voluntary Cleanup Program (VCP), the Brownfields Initiative, and State Remediation Sites. Data made available in Maryland's Mapping and GIS Data Portal (MD iMAP).

Government Publication Date: Oct 17, 2022

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

TRIAD ENGINEERING, INC.

APPENDIX I: USER QUESTIONNAIRE

Phase I Environmental Site Assessment (ESA) User Questionnaire

In order to qualify for one of the Landowner Liability Protections offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001, the User must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

Phase I ESA Project Information	
Triad Project Name	14616 Pennsylvania Avenue Demolition
Triad Project Number	

Subject Property & Owner Information	
Subject Property Address	14616 Pennsylvania Avenue, MD, 21742
Current Owner Name, Address, Phone Number, Email, etc.:	The Board of CC Washington County - POC Jordan Leach - 240-520-9002
Parcel ID No or Tax Map/Parcel	Map 0010 Grid 0023 Parcel 0076

	Question		User Response
1	Are you having the Phase I ESA performed so it may qualify for the landowner liability protections, including the Bona Fide Prospective Purchaser liability protection, available to purchasers under federal and state law? If no, please explain.	✔ Yes No	Current landowner (Washington County) liability protections for the demolition of the existing structures is desired. However, no exchange of ownership is taking place at this time nor anticipated in the future.
Environmental liens that are filed or recorded against the subject property (40 C.F.R. § 312.25).			
2	Did a search of land title records identify any environmental liens filed or recorded against the subject property under federal, tribal, state or local law?	Yes ✔ No	
Activity and use limitations that are in place on the subject property or that have been filed or recorded against the subject property.			
3	Did a search of land title records identify any activity and use (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place at the subject property and/or have been filed or recorded against the subject property under federal, tribal, state or local law?	Yes ✔ No	
Specialized knowledge or experience of the person seeking to qualify for the LLP (40 C.F.R. § 312.28).			
4	Do you have any specialized knowledge or experience related to the subject property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the subject property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?	Yes ✔ No	

	Question	User Response	
Relationship of the purchase price to the fair market value of the subject property if it were not contaminated (40 C.F.R. § 312.29).			
5	In your opinion, does the purchase price being paid for this subject property reasonably reflect the fair market value of the property? If no, please explain.	Yes ✔ No	No exchange in ownership takes place.
Commonly known or reasonably ascertainable information about the subject property (40 C.F.R. § 312.30).			
6	Are you aware of commonly known or reasonably ascertainable information about the subject property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user:	Yes ✔ No	
6a	Do you know the past uses of the subject property?	Yes ✔ No	
6b	Do you know of specific chemicals that are present or once were present at the subject property?	Yes ✔ No	
6c	Do you know of spills or other chemical releases that have taken place at the subject property?	Yes ✔ No	
6d	Do you know of any environmental cleanups that have taken place at the subject property?	Yes ✔ No	
The degree of obviousness of the presence or likely presence of contamination at the subject property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).			
7	As the User of this ESA, based on your knowledge and experience related to the subject property are there any obvious indicators that point to the presence or likely presence of contamination at the subject property?	Yes ✔ No	
8	Do you have any other knowledge or experience with the subject property that may be pertinent to the environmental professional (for example, copies of any available prior environmental site assessment reports, documents, correspondence, etc., concerning the subject property and its environmental condition?	Yes ✔ No	

I have answered these questions to the best of my knowledge and have not withheld any information that would be pertinent to the completion of this Phase I Environmental Site Assessment.

User Acknowledgement	
User Name:	ADCI
Name of Preparer & Title:	Michael Pizza - Project Manager
Date Completed:	11/15/22
Signature:	Michael Pizza By typing my name in this field, I understand and agree to this form of electronic signature.

TRIAD ENGINEERING, INC.

APPENDIX J: LOCAL AGENCY CORRESPONDENCE

FOIA INFORMATION FORM

	Name	Reference
PROJECT INFO	**Letter Date**	November 15, 2022
	Triad Project Number	03-22-0777
	Site Name	Washington County Board of Commissioners Property
	Site Street Address	14616 Pennsylvania Avenue
	Site City, State, Zip	Hagerstown, Maryland 21742
	Tax Map	Tax Map 10
	Parcel	Parcel 76

November 15, 2022

Washington County Government
Attn: Kirk C. Downey, Dpty. County Attorney
100 W. Washington St., Rm. 202
Hagerstown, MD 21740

RE: PIA Request - Environmental Site Assessment
Washington County Board of Commissioners Property
14616 Pennsylvania Avenue
Hagerstown, Maryland 21742

To whom it may concern,

Triad Engineering, Inc. (Triad) is currently conducting an environmental assessment on the above-referenced site which is listed as Tax Map 10, Parcel 76. As part of this assessment, we are interested in obtaining information from your department pertaining to the generation, use, storage, or releases of petroleum products or hazardous substances with the potential to or having resulted in contamination of soil and/or groundwater at the site. The property location is more clearly identified on the attached maps.

Please feel free to send us the information by mail, email (pupham@triadeng.com), or by facsimile at 301-797-2424. Thank you for your assistance. If you have any questions regarding the contents of this letter, please contact us at 301-797-6400.

Respectfully submitted,

TRIAD ENGINEERING, INC.

Patrick M. Upham
Environmental Scientist

Reference: 03-22-0777

Attachment: Location Map

TRIAD ENGINEERING, INC.

Subject Property Layout Map

Washington County Board of Commissioners Property
14616 Pennsylvania Avenue
Hagerstown, Maryland 21742

N

November 15, 2022

Washington County Health Department
1302 Pennsylvania Avenue
Hagerstown, MD 21740

RE: FOIA Request - Environmental Site Assessment
Washington County Board of Commissioners Property
14616 Pennsylvania Avenue
Hagerstown, Maryland 21742

To whom it may concern:

Triad Engineering, Inc. (Triad) is currently conducting an environmental assessment on the above-referenced property, which is listed as Tax Map 10, Parcel 76. As part of this assessment, we are interested in obtaining copies of any file information your office maintains for this site pertaining to the generation, use, storage, or releases of petroleum products or hazardous substances with the potential to or having resulted in contamination of soil and/or groundwater at the site. In addition, we are requesting records for permitted water wells and/or groundwater monitoring wells; permitted septic systems; underground and above ground storage tanks; and/or health department investigations. Any records you may have regarding this site would be appreciated. The property location is more clearly identified on the attached maps.

Please feel free to send us the information by mail, email (pupham@triadeng.com), or by facsimile at 301-797-2424. Thank you for your assistance. If you have any questions regarding the contents of this letter, please contact us at 301-797-6400.

Respectfully submitted,

TRIAD ENGINEERING, INC.

Patrick M. Upham
Environmental Scientist

Reference: 03-22-0777

Attachment: Location Map

WASHINGTON COUNTY HEALTH DEPARTMENT

1302 Pennsylvania Avenue • Hagerstown, MD 21742

www.washhealth.org

REQUEST FOR INFORMATION UNDER THE FREEDOM OF INFORMATION ACT

NAME Triad Engineering, Inc. Attn: Patrick M. Upham, Envi. Scientist

MAILING ADDRESS 1075D Sherman Ave., Hagerstown, MD 21740

TELEPHONE 301-797-6400 pupham@triadeng.com **FAX** 301-797-2424

REQUEST FOR INFORMATION (*Be specific)*

Triad Engineering, Inc. (Triad) is currently conducting an environmental assessment for the Washington County Board of Commissioners Property addressed as 14616 Pennsylvania Avenue, Hagerstown, Maryland 21742 (Tax Map 10, Parcel 76). As part of this assessment, we are interested in obtaining copies of any file information your office maintains for this site such as for permitted water wells and/or groundwater monitoring wells; permitted septic systems; underground and above ground storage tanks; and/or health department investigations. Any records you may have in regards to this property would be appreciated. The property location is more clearly identified on the attached maps.

November 15, 2022
Date

Signature

Rev. 12/14/2005

TRIAD ENGINEERING, INC.

Subject Property Layout Map

Washington County Board of Commissioners Property
14616 Pennsylvania Avenue
Hagerstown, Maryland 21742

N

TRIAD ENGINEERING, INC.

APPENDIX K: QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL(S)

Patrick Michael Upham
Project Scientist

EDUCATION

BS Geoenvironmental Studies — Shippensburg University, Shippensburg, PA 2004

REGISTRATIONS, LICENSES, & TRAINING

Certified Commonwealth of Virginia Professional Wetland Delineator No. 000110
Applied Fluvial Geomorphology, Wildland Hydrology, Inc. Dr. Dave Rosgen, Shepherdstown, WV
River Morphology and Applications, Wildland Hydrology, Inc. Dr. Dave Rosgen, Shepherdstown, WV
Benthic Macroinvertebrate Sampling Training – Maryland Department of Natural Resources
Physical and Nutrient Sampling Training – Maryland Department of Natural Resources
38 Hour USACE Wetland Delineation Course, Richard Chinn Environmental Training, Inc.
Winter Vegetation Identification for Wetland Delineation, Rutgers University, Cook College, NJ
Geographic Information Systems (GIS) Certificate, Shippensburg University
3-Day EPA AHERA Asbestos Inspector Certification No. 118852
West Virginia Certified Asbestos Inspector License No. AI006993
40 hour HAZWOPER Certified per 29 CFR 1910.120(e)

DIRECT WORK EXPERIENCE AND PRIMARY RESPONSIBILITIES

TRIAD Engineering, Inc. — Environmental Scientist
Hagerstown, MD — 2006 - Present

TRIAD Engineering, Inc. — CADD Technician
Hagerstown, MD — 2005 - 2006

Eagle Industrial Hygiene, Inc., — Industrial Hygienist Internship
Willow Grove, PA — 2003

PROFESSIONAL ORGANIZATION/ASSOCIATIONS

Antietam Watershed Association
Trout Unlimited

CURRENT POSITION RESPONSIBILITIES

Mr. Upham is currently an Environmental Scientist for the Hagerstown, Maryland office of Triad Engineering, Inc. In this capacity, Mr. Upham is responsible for performing wetland/waterway delineation studies, assisting colleagues and clients with planning and managing water resource projects, coordinating with regulatory personnel, and providing technical assistance for permitting, including compensatory mitigation design and monitoring. Mr. Upham is also responsible for conducting and preparing Forest Stand Delineation Plans and Forest Conservation Plans in accordance with the Maryland Forest Conservation Act. Additionally, Mr. Upham performs due diligence and environmental business risk studies, stream condition surveys and stream channel morphology assessments, and macro-invertebrate stream quality studies. Mr. Upham also has experience with a variety of software applications, including Computer Aided Design, ArcView GIS, RiverMorph, and Microsoft Office; providing resourceful, project development strategies. Mr. Upham's experiences and responsibilities have been utilized on projects throughout Maryland, Pennsylvania, Virginia, and West Virginia.

Timothy J. Kellerman

Senior Environmental Scientist

EDUCATION

BS Biology	Shippensburg University, Shippensburg, PA 1993

REGISTRATIONS, LICENSES, & TRAINING

Certified Commonwealth of Virginia Professional Wetland Delineator No. 000111
Qualified Professional Forester - Maryland Department of Natural Resources
Benthic Macroinvertebrate Sampling Training – Maryland Department of Natural Resources
Physical and Nutrient Sampling Training – Maryland Department of Natural Resources
3-Day EPA AHERA Asbestos Inspector Certification No. 118852
40 hour HAZWOPER Certified per 29 CFR 1910.120(e)
OSHA 10 Hour Construction Certification
Frederick Community College, Frederick, MD - Forest Conservation Act Technical Training Workshop
Wetland Training Institute, Basic Wetland Delineation Course
Environmental Assessment Association, Phase I Environmental Assessments Course

DIRECT WORK EXPERIENCE AND PRIMARY RESPONSIBILITIES

Triad Engineering, Inc. Hagerstown, MD	Senior Environmental Scientist 2001 - Present
Fox & Associates, Inc. Frederick, MD	Environmental Scientist 1993 - 2001
Shippensburg University **Vertebrate Museum** Shippensburg, PA	Research Technician 1992

CURRENT POSITION RESPONSIBILITIES

Mr. Kellerman is currently a Senior Environmental Scientist for the Hagerstown, Maryland office of Triad Engineering, Inc. In this capacity, Mr. Kellerman is responsible for performing Wetland Delineation Studies in accordance with the 1987 U.S. Army Corps of Engineers Wetlands Delineation Manual and for processing Federal and State permit applications for unavoidable impacts to jurisdictional waters of the U.S. and/or waters of the State, including wetlands, in Maryland, Pennsylvania, Virginia, and West Virginia. As a Qualified Professional Forester, approved by the Maryland Department of Natural Resources, Mr. Kellerman is also responsible for preparing Forest Stand Delineation Plans and Forest Conservation Plans in accordance with the Maryland Forest Conservation Act within various municipalities in the State of Maryland. Other duties performed by Mr. Kellerman include, but are not limited to, Phase I and II Environmental Site Assessments; consultation on sensitive area requirements for subdivisions and site plans in accordance with applicable, local zoning and subdivision regulations.