THRASHER

PHASE I
ENVIRONMENTAL SITE ASSESSMENT

Former Anchor Glass Container Corporation

598 Waxler Road
Keyser, West Virginia 26726

Prepared for:
Mineral County Development Authority
87 North Main Street, Suite 1
Keyser, West Virginia 26726

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EXECUTIVE SUMMARY

The Thrasher Group, Inc. (THRASHER) was retained by the Mineral County Development Authority (MCDA) (referred to as the "User") to conduct a Phase I Environmental Site Assessment (Phase I ESA) at 598 Waxler Road, Keyser, Mineral County, West Virginia (referred to as the "site"). The site is located approximately 1 mile northeast of the city of Keyser along the eastern side of the North Branch of the Potomac River and north of Glass Plant Factory Road in Keyser, Mineral County, West Virginia. Currently, the northern portion of the main structure is leased by VERSO Corporation (VERSO) as a warehouse for paper product bulk rolls and tube storage from Verso Paper Mill in Luke, Maryland (MD). The leased portion of the structure includes a small office area, a break room, rest rooms, a maintenance area, and several truck loading/unloading bays.

The southwestern portion of the structure occupied by the former Anchor Glass Container Corporation (AGCC) contains vacant \ offices (except for the current facility manager's office), former hot and cold end glass manufacturing areas (lehr [kiln used in glassmaking], furnace, batch mixing, labeling, packaging), a vacant compressor room, a mezzanine room (used for storage), a portion of the center warehouse is currently used by AGCC for storage of bricks, mortar, machinery and other manufacturing equipment, all of which is no longer in use. The former maintenance shop is currently in use for light facility and grounds maintenance. Rest rooms/locker rooms and electrical/utility rooms are still functional. Floor drains were observed throughout the facility. The eastern half of the property is an undeveloped vacant hay field with a forested perimeter.

Portions of the parking lot and driveway are asphalt-paved, while the remainder is covered with stone; together they occupy roughly 25% of the developed portion of the property. The remainder of the Property is comprised of wooded/vegetated areas. Other structures on the property include an empty former fuel oil pump house, and several old and partially dilapidated farm structures including a small slaughterhouse and silos. A few piles of mixed concrete debris and soil were evident in the vicinity of the farm silos and dilapidated slaughterhouse. Mr. Iser did not know the source of the piles, but believed the material was dumped by "locals".

Historically, the site was used for manufacturing glass containers for the food and beverage industry from approximately 1972 to 1995, when glass manufacturing operations ceased. No manufacturing operations have taken place at the facility since 1995. The User requested the Phase I ESA as part of due diligence procedures in anticipation of a property transaction. The Phase I ESA was performed in conformance with the scope and limitations of the American Society for Testing and Materials (ASTM) Standard E 1527-13 (*Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*) to fulfill the requirements of United States Environmental Protection Agency (USEPA) *Innocent Landowners, Standards for Conducting All Appropriate Inquiries (AAI)* (40 CFR Part 312).

The site consists of an approximate 29.4 acres of land and is currently owned by Ardagh Glass Containers Inc. The site's Global Positioning System (GPS) coordinates are 39.4445080° North Latitude and -78.9546970° West Longitude. The site location is depicted on **Figure 1** and **Figure 2**.

Based on a review of historical resources, the site was developed between 1922 and 1947. The site is connected to public water and sanitary sewer services. No regulatory violation files or citations were identified during this assessment for the site or nearby properties, and no neighboring properties that would currently appear to pose a high environmental risk were identified.

Based on the information gathered and reviewed from the state and federal regulatory databases, historical sources, and our site visit and area reconnaissance, it is our professional opinion that seven (7) recognized environmental conditions (RECs), a *de minimis* condition, several business environmental risks (BERs), and several non-ASTM scope considerations were identified for the site. No controlled RECs (CRECs) or historical RECs (HRECs) were identified. The findings identified for the site are summarized below:

Recognized Environmental Conditions

- **Section 2.5.1 Phase I Environmental Site Assessment**
  According to the 2005 ESA Report, a site representative indicated that a UST was removed from the north end of the east-west oriented truck canopy. This area has since been covered with asphalt and a small grass-covered area. No documentation pertaining to the UST or any potential releases or cleanup activities was available for review at the time. Based on the lack of any supporting closure or chemical analysis documentation, this historic UST is considered an REC.

- **Section 2.5.1 Phase I Environmental Site Assessment**
  Wastewater generated from floor-scrubbing activities that contained oil residues was discharged to the storm water swale located within the plant yard. Additionally, stained soils were observed at this discharge point/steam cleaning area during a 1991 environmental assessment. Soil and ground water quality in the vicinity of this area has not been assessed. The observation of stained soil at the location of an oily discharge that has not been chemically assessed is considered an REC.

- **Section 2.5.1 Phase I Environmental Site Assessment**
  The following above-ground storage tanks exist or have existed on-site: a 100,000- gallon fuel oil tank; 7,000-gallon machine lubricating oil tank; 550-gallon diesel fuel tank; two 275-gallon kerosene tanks; and one 600-gallon used oil tank. Soil and ground water quality in the vicinity of these tanks and associated underground piping system have not been assessed. Based on the potential for a storage system of this size operating over 23 years without secondary containment to have released petroleum to the soils or groundwater, this condition is considered an REC.

- **Section 2.5.1 Phase I Environmental Site Assessment**

  Non-stationary containers holding hazardous substances or petroleum products were located in the maintenance room, in an equipment storage room, and in the vacant warehouse space. These containers included four 55-gallon capacity drums of used oil, a small five-gallon capacity gasoline container, and a used hydraulic oil container. All of the containers lacked secondary containment. One of the 55-gallon used oil drums, half filled with oil, had a broken top and was improperly sealed. The remaining three drums were observed to be improperly stored and lacked completely functioning tops. The tops in general were bent and did not create an air-tight seal on the drums. A gasoline container and hydraulic oil container were not stored properly in a flammable or maintenance closet and could potentially cause a spill if not secured. As this could create a potential spill or release and was identified as a REC.

- **Section 2.5.1 Phase I Environmental Site Assessment**

  The WVDEP noted a major environmental concern during a pre-closure inspection of the facility that involved petroleum hydrocarbon-affected soil in the area surrounding the used oil, kerosene, and diesel fuel above-ground storage tanks (AST). The inspection report stated that all affected soil must be removed and disposed properly. However, there was no documentation within the AGCC files to substantiate the cleanup and disposal of these affected soils. Mr. Iser, a representative for AGCC, was not aware of any soil removal from the site. The presence of this observed release of petroleum for which no cleanup information exists is considered an REC.

- **Section 4.1.7 Releases or Potential Releases**

  Oil stains and flue slag and ash were observed on the walls and floor of the basement of the structure. Visual staining on the walls of the basement suggests flooding to a depth of approximately1.5 to 2 feet has occurred in the recent past. Historic and potential future flooding could be contaminated by flue slag, floor dirt and possibly used oil. Operation of the basement sump pump would result in a discharge of potentially impacted water to the storm sewer/river. A black pipe pumps water from the sump pump in the basement and along the eastern perimeter of the building to a ditch and stream north of the building which flows into the North Branch of the Potomac River. As the discharge is not monitored and has not been analyzed, it is considered an REC due to the potential for release of contaminants to site storm water.

- **Section 4.1.7 Releases or Potential Releases**

  A large quantity of waste asphalt from area public works roadway resurfacing projects was staged on southern portion of the site. According to Mr. Iser, the waste asphalt was for his personal use; however, the materials have not yet been removed from the site. Because the asphalt material is ground into very small particles that can easily blow off or wash from the surface, THRASHER considers this waste asphalt to be a REC to the site.

Controlled Recognized Environmental Conditions

- No CRECs were identified for the site during this assessment.

Historical Recognized Environmental Conditions

- No HRECs were identified for the site during this assessment.

De Minimis Conditions

- **Section 4.1.8 Other Notable Site Features**
  Glass, concrete and construction debris and refuse appeared to be a ubiquitous condition throughout the grass-covered area along the southeastern portion of the site.

Business Environmental Risks

- **Section 3.3 Vapor Encroachment Screen**
  A UST was removed from the north end of the east-west oriented truck canopy and no documentation pertaining to the UST or any potential releases or cleanup activities was available for review. In addition, the following ASTs have existed onsite: a 100,000- gallon fuel oil tank; 7,000-gallon machine lubricating oil tank; 550-gallon diesel fuel tank; two 275-gallon kerosene tanks; and one 600-gallon used oil tank. Soil and ground water quality in the vicinity of these tanks and associated underground piping system have not been assessed. Based on the lack of any supporting closure or chemical analysis documentation, this historic presence of the aforementioned UST and ASTs are considered a potential vapor encroachment issue and a BER.

- **Section 3.5.4 Water Wells**
  During the site reconnaissance, three (3) former process water wells were observed on the site. According to Mr. Bob Iser, the wells were historically used to supply cooling water to the manufacturing processes. The construction and installation details of these wells have not been determined. These wells are no longer utilized on the site and are inactive; however, these wells do not appear to have been properly abandoned. The site currently utilizes municipal water for its daily uses.

- **Section 4.1.7 Releases or Potential Releases**
  A small quantity of solid waste debris was observed primarily near the southeastern boundary of the site in a partially-walled storage bay. This debris primarily consisted of, but was not limited to, pallets, chairs, paper rolls, and various household items and refuse. No chemicals or significant quantity of material that would be subject to USEPA Universal Waste regulations were observed. Although not a REC, this debris should be properly disposed.

Non-ASTM Scope Findings

- **Section 5.1 Asbestos-Containing Materials (ACMs)**
  Due to the age of the structure, ACMs may have historically been used at the property. According to Mr. Iser, ACMs were historically identified and removed from the structure; however, the report was not available for review. Suspect ACMs (SACMs) friable materials were observed during the site reconnaissance, including but not limited to, joint pipe insulation, window sill glazing, ceiling tiles and floor tiles.

- **Section 5.2 Lead-Based Paint (LBP)**
  The structure was constructed and maintained in times when LBP materials were still in use. Therefore, LBPs may potentially be present based solely on the age of the structure, and they may potentially have been covered with newer materials. According to Mr. Iser, a LBP survey has not been performed on the structure. Areas of deteriorated, flaking, and/or peeling paint were observed during the site reconnaissance.

- **Section 5.3 Radon**
  According to the EDR report, Mineral County is located within Radon Zone 1, where the indoor radon levels average greater than 4.0 pCi/L. Of the 222 sites assessed for radon in the site 26726 zip code area, the maximum radon level detected was 51.5 pCi/L and the minimum level was 1.1 pCi/L, with approximately 67% of sites tested meeting the USEPA screening level of 4.0 pCi/L. Site-specific radon testing was not conducted as part of this assessment.

- **Section 5.4 Mold**
  Significant water intrusion was observed in the basement of the structure. The standing water appeared to clear at the time of the site reconnaissance. Apparent mold growth and water damage was observed along the flooring and walls of the basement. In addition, evidence of seepage and moisture intrusion was observed on walls in the basement of the structure. According to Mr. Iser, the AGCC facility has historically had groundwater intrusion into the basement of the structure.

- **Section 5.5 Wetland / Erosion and Soil Control Concerns**
  During the sire reconnaissance, an unnamed tributary of the North Branch of the Potomac River was observed in close proximity to the northern property boundary.

- **Section 5.6 All Other Concerns - Environmental Permitting**
  As an industrial facility, the site may be subject to NPDES or other permitting requirements.

This Executive Summary does not contain all of the information that is presented in the full report and should not be used as a stand-alone document. The Phase I ESA Report should be read in its entirety to obtain a more complete understanding of the information provided and to aid in decisions made or action taken based on this information.

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

FORMER ANCHOR GLASS CONTAINER CORPORATION
598 WAXLER ROAD
KEYSER, MINERAL COUNTY, WEST VIRGINIA

THRASHER PROJECT #101-070-0406

1.0 INTRODUCTION

The Thrasher Group, Inc. (THRASHER) was retained by the Mineral County Development Authority (MCDA) (referred to as the "User") to conduct a Phase I Environmental Site Assessment (ESA) at 598 Waxler Road, Keyser, Mineral County, West Virginia (referred to as the "site"). The site is located approximately 1 mile northeast of the city of Keyser along the eastern side of the North Branch of the Potomac River and north of Glass Plant Access Road in Keyser, Mineral County, West Virginia. Currently, the northern portion of the main structure is leased by VERSO Corporation (VERSO) as a warehouse for paper product bulk rolls and tube storage from Verso Paper Mill in Luke, Maryland (MD). The leased portion of the structure includes a small office area, a break room, rest rooms, a maintenance area, and several truck loading/unloading bays.

The southwestern portion of the structure occupied by the former Anchor Glass Container Corporation (AGCC) contains vacant \ offices (except for the current facility manager's office), former hot and cold end glass manufacturing areas (lehr [kiln used in glassmaking], furnace, batch mixing, labeling, packaging), a vacant compressor room, a mezzanine room (used for storage), a portion of the center warehouse is currently used by AGCC for storage of bricks, mortar, machinery and other manufacturing equipment, all of which is no longer in use. The former maintenance shop is currently in use for light facility and grounds maintenance. Rest rooms/locker rooms and electrical/utility rooms are still functional. Floor drains were observed throughout the facility. The eastern half of the property is an undeveloped vacant hay field with a forested perimeter.

Portions of the parking lot and driveway are asphalt-paved, while the remainder is covered with stone; together they occupy roughly 25% of the developed portion of the property. The remainder of the Property is comprised of wooded/vegetated areas. Other structures on the property include an empty former fuel oil pump house, and several old and partially dilapidated farm structures including a small slaughterhouse and silos. A few piles of mixed concrete debris and soil were evident in the vicinity of the farm silos and dilapidated slaughterhouse. Mr. Iser did not know the source of the piles, but believed the material was dumped by "locals".

Historically, the site was used for manufacturing glass containers for the food and beverage industry from approximately 1972 to 1995, when glass manufacturing operations ceased. No manufacturing operations have taken place at the facility since 1995. The User requested the Phase I ESA as part of due diligence

procedures in anticipation of a property transaction. The Phase I ESA was performed in conformance with the scope and limitations of the American Society for Testing and Materials (ASTM) Standard E 1527-13 *(Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process)* to fulfill the requirements of United States Environmental Protection Agency (USEPA) *Innocent Landowners, Standards for Conducting All Appropriate Inquiries (AAI)* (40 CFR Part 312).

1.1 Objective and Scope of Services

The objective of the Phase I ESA is to identify recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs), historical recognized environmental conditions (HRECs) and business environmental risks (BERs) associated with the site. The ASTM E 1527-13 standard Section 3.2.78 defines the term "*recognized environmental condition"* as

> *"the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions".*

The ASTM E 1527-13 standard Section 3.2.18 defines the term "*controlled recognized environmental condition"* as

> *"a recognized environmental condition 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)".*

The ASTM E 1527-13 standard Section 3.2.42 defines the term "*historical recognized environmental condition"* as

> *"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)".*

The ASTM E 1527-13 standard Section 3.2.11 defines the term "*business environmental risk"* as

"a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice".

The following activities were conducted as part of this Phase I ESA:

1.1.1 Historical Resources and Records Review

A review of the following information provided by Environmental Data Resources (EDR), a private firm that conducts federal and state database searches, was performed for the site and parcels located within the approximate ASTM minimum search distance from the site:

- applicable federal, state, and tribal environmental database information;
- topographic maps;
- aerial photographs;
- Sanborn fire insurance maps; and
- property tax maps.

Whenever possible, supporting documentation has been provided as appendices to this report. Selected documentation referenced in this report may not be presented due to copyright restrictions or cost considerations.

1.1.2 Site Reconnaissance

A site reconnaissance was performed to obtain the following information:

- visual observations of current uses at the site likely to involve the use, treatment, storage, disposal, or generation of hazardous substances or petroleum products;
- visual review of adjacent properties to determine if environmental conditions are present that would potentially impact the site;
- local topographic conditions were observed to determine if potential pathways exist for hazardous substances or petroleum products to migrate onto the site; and,
- photo-documentation of current and adjacent site activities and conditions.

The site reconnaissance included observations of the site on-foot as well as observations of adjoining properties viewed from the property boundaries.

1.1.3 Interviews

Interviews were conducted with the following parties:

- Mr. Kevin Clark representative of the User, MCDA
- Mr. Bob Iser representative of the owner, Ardagh Glass Containers Inc.
- Mr. Jeff Gibson, Inspector Coordinator, West Virginia Department of Environmental Protection (WVDEP), Environmental Enforcement – Underground Storage Tank (UST) Unit

- Ms. Jessica Henson, WVDEP, Division of Land Restoration, Office of Environmental Remediation (OER)
- Ms. Pamela Houston, WVDEP, Division of Waste and Water Management (DWWM)
- Mr. Luke McKenzie, Mineral County Office or Emergency Management
- Mr. John DelSignore, Mineral County Health Department

1.1.4 Reliance

This ESA was prepared pursuant to the contract THRASHER has with MCDA. That contractual relationship included an exchange of information about the property that was unique and between THRASHER and its client and serves as the basis upon which this report was prepared. Because of the importance of the communication between THRASHER and its client, reliance or any use of this report by anyone other than MCDA, is prohibited and therefore not foreseeable to THRASHER.

Reliance or use by any such third party without explicit authorization in the report does not make said third party, a third party beneficiary to THRASHER's contract with MCDA. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at the third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

Third party reliance letters may be issued on request and upon payment of the then current fee for such letters. All third parties relying on THRASHER's reports, by such reliance, agree to be bound by the proposal and THRASHER's General Conditions. No reliance by any party is permitted without such agreement, regardless of the content of the reliance letter itself.

1.1.5 Deviations from the ASTM E 1527-13 Standard

There were no deviations from the scope and limitations of the ASTM Practice E 1527-13.

1.1.6 Non-Scope Considerations

None of the traditional non-scope considerations listed in the ASTM Standard, E 1527-13, Section 13.1.5 were performed as part of the Phase I ESA. However, limited observations were made for asbestos-containing materials, lead-based paint, mold and wetlands.

1.1.7 Limitations and Assumptions

The Phase I ESA was conducted in accordance with ASTM Standard E 1527-13 guidelines. Even so, no Phase I ESA can completely eliminate uncertainty about the site's potential for recognized environmental conditions. No statement of certainty can be made regarding subsurface conditions from any on-site or off-site sources of contamination. THRASHER has relied on information provided by others in assessing the facility; the information has not been independently verified. This report is a prudent, reasonable evaluation of the site's observed environmental condition. THRASHER assumes no responsibility for conditions or information not practically reviewable, or information that was not accurately disseminated by any party.

This report should not be construed as verifying the present site owner's or operator's compliance with federal, state, and local regulations, or as a recommendation to purchase, sell, or develop the facility. It is possible that unavailable or undisclosed information may indicate significant environmental compliance liabilities.

The assessment was prepared under contract for the exclusive use of the User. Any other party's reliance on this report is at their own risk unless THRASHER provides a "reliance letter" to such party. This Phase I ESA did not include the sampling of soil, groundwater, surface water, radon, or lead. Any information concerning these media is based on publicly available maps or related sources as referenced in the report.

THRASHER's report is based upon the information provided to THRASHER and THRASHER's observations made during the site reconnaissance. Given the inherent limitations of environmental assessment work, THRASHER does not guarantee that the site is free of hazardous or potentially hazardous materials or petroleum products.

In accordance with the ASTM Standard E 1527-13, this Phase I ESA is presumed to be valid for 180 days from the date of issue. A Phase I ESA that meets or exceeds this practice and was completed more than 180 days previously may be used to the extent allowed in Section 4.6 of the ASTM Standard E 1527-13.

1.2 Site Location and Description

The former Anchor Glass Container Corporation (AGCC) facility (site) is addressed as 598 Waxler Road, within the Keyser Industrial Park (KIP), in Mineral County, West Virginia. The facility was constructed on three parcels that comprise approximately 29.4 acres within the Mineral County New Creek District.

The site is situated on the east side of Waxler Road and north of Glass Plant Access Road. The main access/egress for the site is along Waxler Road, to the west of the structure. Three access driveways provide access to the warehouse loading docks and management office. The site's Global Positioning System (GPS) coordinates are 39.4445080° North Latitude and -78.9516970 ° West Longitude. The site location is depicted on **Figure 1** and **Figure 2**.

According to Mineral County's Assessor's records, the subject property consists of three separate parcels identified as New Creek District (06) Map-9 Parcel 9.3, District-06 Map-9 Parcel 9.4, and District-06 Map-9 Parcel 9.10. The property is currently owned by Ardagh Glass Containers Inc. These documents are provided in **Appendix A**. Parcel owners and legal description locations are summarized in the following table:

Parcel	District	Current Owner	Legal Description
9.3	New Creek	Ardagh Glass Containers Inc.	Page 514 of Deed Book 360
9.4	New Creek	Ardagh Glass Containers Inc.	Page 514 of Deed Book 360
9.10	New Creek	Ardagh Glass Containers Inc.	Page 514 of Deed Book 360

2.0 HISTORICAL RESOURCES

Historical resources were available from 1891 until 2014.

Historical Sources			
Historical Records Source	**Location of Record Source**	**Dates of Record Sources Reviewed**	**See Appendix**
Aerial Photographs	EDR	1947 - 2011	Appendix B
Topographic Maps	EDR	1891 - 2014	Appendix C
Sanborn Maps	EDR	Not Available	Appendix D
City Directories	EDR	1995 - 2013	Appendix E

2.1 Historical Aerial Photographs

Historical aerial photographs of the site and surrounding area were provided by EDR. Aerial photographs for the years 1947, 1960, 1966, 1971, 1973, 1989, 1996, 1999, 2005, 2007, 2009, and 2011 were reviewed for indications of previous uses of the site. Copies of the aerial photographs are included in **Appendix B** and observations are presented below:

Year	Aerial Photograph Summary
1947 - 1966	The site is depicted with two (2) unimproved roads and appears to have a small structure approximately centrally located within the boundary. The surrounding properties appear to be rural residential with pasture land.
1971	No significant changes are visible to the site; however, the southern adjoining property is developed with an industrial structure.
1973	The site is depicted with the AGCC structure. The southern adjoining property remains developed with an industrial structure. The adjoining northern, eastern, and western

Year	Aerial Photograph Summary
	properties remain undeveloped.
1989	No significant changes are visible to the site and northern adjoining property; however, the southern adjoining property is developed with an additional industrial structure; the eastern adjoining property is developed with an industrial property and has areas of land that appear to be graded for additional construction; and the western adjoining property is developed with two (2) waste water treatment ponds.
1996 - 2011	No significant changes are evident. The KIP is depicted similarly to present day.

2.2 Topographic Maps

Historical topographic maps of the site and surrounding areas were provided by EDR. Topographic maps for the years 1891, 1920, 1921, 1922, 1949, 1950, 1951, 1974, and 2014 were reviewed. Copies of the topographic maps are included in **Appendix C** and observations are presented below:

Year	Historical Topographic Maps
30-Minute Romney, 1891	The site is depicted as unimproved. The Baltimore and Ohio (B&O) Railroad is visible along the western site boundary. Dense development is depicted in the City of Keyser to the west. Due to the scale of the map, no specific structures or utilizations are depicted. North Branch is depicted to the west.
15-Minute Keyser, 1920	No significant changes are depicted to the site or adjoining properties.
30-Minute Keyser, 1921	No significant changes are depicted to the site or adjoining properties.
15-Minute Keyser, 1922	No significant changes are depicted to the site or adjoining properties.
7.5-Minute Keyser, 1949	Two (2) structures and an unimproved road are depicted within the site boundaries. No other development is depicted. An orchard is depicted to the south and additional small structures are depicted to the north. No other development is depicted.
7.5-Minute Keyser, 1950	No significant changes are depicted to the site or adjoining properties.
7.5-Minute Keyser, 1951	No significant changes are depicted to the site or adjoining properties.
7.5-Minute Keyser, 1974	The site is depicted a large structure in the approximate location of the AGCC structure. A railroad track is depicted along the southern site boundary. A large structure is depicted on the southern adjoining property.
7.5-Minute Keyser, 2014	Due to the scale of the map, no specific structures or utilizations are depicted.

2.3 Sanborn Fire Insurance

Sanborn® Fire Insurance maps date back to 1884 and typically identify the type of business, the size of the operation, the layout of structures on a given property, and may include the types of materials stored or utilized at a site. Sanborn Fire Insurance Maps were searched by EDR for the site. However, due to the historically rural nature of the property vicinity, no maps covering the site were found. The EDR Sanborn search is documented in **Appendix D**.

2.4 City Directories

A city directories search was performed by EDR for the years spanning 1995 through 2013 for address associated with the subject site: 598 Waxler Road, Keyser, WV. Review of the city directory did not identify the site or any of the adjoining properties in the listings. A copy of the city directory search by EDR is included as **Appendix E**.

2.5 Review of Prior Environmental Report or Investigations

2.5.1 Phase I Environmental Site Assessment

A Phase I Environmental Site Assessment and Material Environmental Compliance Evaluation of the Anchor Glass Container Corporation warehouse facility; Route 5 (Waxler Road) Keyser, West Virginia (Phase I 2012) was completed by AECOM in July 2012.

AECOM's assessment was conducted in connection with a transaction involving the property. The Phase I ESA described in this report was performed in conformance with the scope and limitations of the ASTM International's (ASTM's) Practice E1527-05. AECOM identified the following recognized environmental conditions (RECs), as defined by ASTM in connection with the property.

- According to the 2005 ESA Report, a site representative indicated that a UST was removed from the north end of the east-west oriented truck canopy. This area has since been covered with asphalt and a small grass-covered area. No documentation pertaining to the UST or any potential releases or cleanup activities was available for review at the time. Based on the lack of any supporting closure or chemical analysis documentation, this historic UST is considered an REC.

- Wastewater generated from floor-scrubbing activities that contained oil residues was discharged to the storm water swale located within the plant yard. Additionally, stained soils were observed at this discharge point/steam cleaning area during a 1991 environmental assessment. Soil and ground water quality in the vicinity of this area has not been assessed. The observation of stained soil at the location of an oily discharge that has not been chemically assessed is considered an REC.

- The following above-ground storage tanks exist or have existed on-site: a 100,000- gallon fuel oil tank; 7,000-gallon machine lubricating oil tank; 550-gallon diesel fuel tank; two 275-gallon kerosene tanks; and one 600-gallon used oil tank. Soil and ground water quality in the vicinity of these tanks and associated underground piping system have not been assessed. Based on the

potential for a storage system of this size operating over 23 years without secondary containment to have released petroleum to the soils or groundwater, this condition is considered an REC.

- Oil stains on the walls of the basement and flue slag/ash in the checker flues in the basement. Visual staining on the walls of the basement suggests flooding to a depth of approximately1.5 to 2 feet has occurred in the recent past. Potential future flooding could be contaminated by flue slag, floor dirt and possibly used oil. Operation of the basement sump pump would result in a discharge of potentially impacted water to the storm sewer/river. A black pipe pumps water from the sump pump in the basement and along the eastern perimeter of the structure to a ditch and stream north of the structure which flows into the North Branch of the Potomac River. As the discharge is not monitored and has not been analyzed, it is considered an REC due to the potential for release of contaminants to site storm water.

- Non-stationary containers holding hazardous substances or petroleum products were located in the maintenance room, in an equipment storage room, and in the vacant warehouse space. These containers included four 55-gallon capacity drums of used oil, a small five-gallon capacity gasoline container, and a used hydraulic oil container. All of the containers lacked secondary containment. One of the 55-gallon used oil drums, half filled with oil, had a broken top and was improperly sealed. The remaining three drums were observed to be improperly stored and lacked completely functioning tops. The tops in general were bent and did not create an air-tight seal on the drums. A gasoline container and hydraulic oil container were not stored properly in a flammable or maintenance closet and could potentially cause a spill if not secured. As this could create a potential spill or release and was identified as a REC.

- The WVDEP noted a major environmental concern during a pre-closure inspection of the facility that involved petroleum hydrocarbon-affected soil in the area surrounding the used oil, kerosene, and diesel fuel above-ground storage tanks (AST). The inspection report stated that all affected soil must be removed and disposed properly. However, there was no documentation within the AGCC files to substantiate the cleanup and disposal of these affected soils. Mr. Iser, a representative for AGCC, was not aware of any soil removal from the site. The presence of this observed release of petroleum for which no cleanup information exists is considered an REC.

AECOM identified the following HRECs, as defined by ASTM in connection with the property.

- The 2005 ESA performed by Earth Tech noted that un-permitted runoff from the cullet pile was discharged without treatment. It contained elevated results for several metals, suspended solids, pH, Chemical Oxygen Demand (COD), Total Organic Carbon (TOC), and Oil and Grease. The discharge area has not been assessed to determine whether soils were affected by the discharge from the cullet pile. Based on the closure of the plant, this issue is classified as a HREC.

- Industrial process wastewaters flowed through an oil/water separator/industrial sump prior to being discharged to the Keyser municipal sanitary sewer system. Wastewater sources included domestic, compressor, and furnace cooling tower blow down water, cullet quench waters, shear sprays, and steam cleaning. The integrity of the separator and the subsurface piping is not known. Soil and ground water impacts in the vicinity of the oil/water separator, sumps and along the underground piping have not been assessed. The empty tank utilized with the system is presently located within secondary containment next to the sump pump in the basement of the facility. Based on the nature of the potential contaminant sources, this issue is classified as a HREC.

AECOM identified the following de minimis environmental conditions as defined by ASTM in connection with the property.

- Apparent glass (whole and broken containers, Styrofoam bottle labels, unformed glass, etc.) dumping/landfilling/burial was evident throughout much of the area to the east of the manufacturing facility in the central western to southwestern portion of the undeveloped wooded/vegetated portion of the subject property. Much of the debris could easily flow into the stream and potential flooding conditions would arise.

- A minor hydraulic oil release was observed on the concrete near the loading dock area. The extent of the release was minimal and was quarantined by cardboard and towels. Actions should be taken to properly manage spills such as these and spill kits should be stored in the warehouse structure in the event of a spill. The concrete in this area appeared to be in good condition. Mr. Iser confirmed that Sonoco maintains the loading dock area and that there have been no major spills within the warehouse. Mr. Iser noted that Sonoco hires an outside contractor to service their vehicles onsite, but that used oil is removed from the site and disposed of.

Minimal compliance issues were identified reflecting the relatively inactive status of the subject property. The few items listed below are mentioned as potential opportunities to improve these practices at the facility to a level consistent with those observed at other AGCC facilities, and with industry at large:

- Waste fluorescent lamps; the facility discards waste fluorescent bulbs in the trash. Discarded fluorescent light bulbs should be managed as universal or hazardous waste and should be handled accordingly. Provide sound containers marked Universal Waste-Lamp(s), or Waste Lamp(s), or Used Lamp(s). Mark the date of emplacement of each bulb or if multiple bulbs, the date of emplacement of the first bulb into the universal waste container. Ship the bulbs with one year of first date of accumulation. Contract with an approved lamp recycling facility. Keep containers closed when not adding bulbs.

- Used oil: The facility generates small quantities of used oil which is removed from the subject property by Mr. Iser on an as needed basis and recycled. Provide sound containers for oil accumulation. Mark containers as “Used Oil", provide berms or spill pallets equivalent to 110% of

container size. Keep container closed when not adding oil. Contract with a permitted industrial hauler to pick up used oil for recycling or disposal.

- Transformers: PCB content labels were not visible on all the transformers at the facility. Determine the PCB content of any oil filled transformers and label appropriately.

2.6 Historically Significant or Environmental Findings

With the exception of those RECs and environmental items referenced in the AECOM Phase I 2012 report as summarized in the preceding section, no RECs, CRECs, HRECs, *de minimis* conditions, or BERs were identified for the site or neighboring properties during the historical review.

3.0 REGULATORY DATABASE SEARCHES

3.1 Database Summary

A computerized search of federal and state environmental databases was compiled by Environmental Data Resources, Inc. (EDR) on February 6, 2017 (Inquiry No. 4845930.2s). EDR compiled the search of federal and state databases that included records of hazardous waste permits and activities, compliance histories and documented on-site contamination within the specified radius. This report was designed to assist parties seeking to meet the search requirements of the USEPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the *ASTM Standard Practice for Environmental Site Assessments E1527-13*, or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate. A complete list and description of all databases searched can be found at the end of the EDR report. A summary of the database findings is presented in the following sections.

The following table is a summary of the properties identified by the EDR database report. If the subject site was identified on the EDR database report, then the "Yes" column is marked and is further explained in the following subsections. Likewise, if a neighboring, adjoining, or adjacent property is identified on the database report, the environmental threat potential to the subject site is assessed and marked "Yes" or "No" in the "Environmental Threat or Concern Posed to Site" column. Databases searched by EDR which did not contain listings for any properties within the search radii are not included in the following tables but are listed in the EDR Report. Only those properties that have the assessed potential to environmentally threaten or pose an environmental impact to the site will be further summarized in the following subsections, if any such properties are identified. A copy of the EDR Report is included in **Appendix F**.

Database	**ASTM Search Radius (mile)**	**Total Number of Listings**	**Subject Site Identified?**	**Adjoining or Nearby Property Identified?**	**Environmental Threat or Concern Posed to Site?**
RCRA NonGen/NLR	TP	1	Yes	No	See comments below

Database	ASTM Search Radius (mile)	Total Number of Listings	Subject Site Identified?	Adjoining or Nearby Property Identified?	Environmental Threat or Concern Posed to Site?
FINDS	TP	2	Yes	No	See comments below
WV NPDES	TP	1	Yes	No	See comments below
ECHO	TP	2	Yes	No	See comments below

Resource Conservation and Recovery Act (RCRA) Non Generator (NonGen) No Longer Regulated (NLR) – RCRA Info is USEPA's comprehensive information system providing access to data supporting the RCRA of 1976 and the HSWA of 1984. The base is comprised of selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA. Non-Generators do not presently generate hazardous waste.

Site Name:	**Anchor Glass Container Corporation** (USEPA ID: WVD122560329)
EDR Report Page No(s):	Pages 10 - 11
Status:	Permit Expired 12/31/1997, Storm Water Industrial General Permit
Address:	Waxler Road Industrial Park, Keyser, WV 26726
Distance:	On-site
Direction:	On-site
Substance/Product:	Ignitable waste, Corrosive waste, Cadmium, Chromium, Lead, and Selenium
Comments:	According to the EDR database report, the facility had a pre-transport written informal violation on 10/28/1997 that achieved compliance on 12/01/1997.

Facility Index System (FINDS) - contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The site was listed in the FINDS database with Registry ID: 110054975791 and 110006817490; however, these listings are not likely to represent an environmental risk to the site.

WV National Pollutant Discharge Elimination System (NPDES) - module of the Compliance Information System (CIS) tracks surface water permits issued under the Clean Water Act (CWA). Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose

monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality. A search of the water resource permits indicated that one (1) NPDES permit was issued by the WVDEP DWWM. Based upon the EDR database report, AGCC was identified as NPDES facilities and is described as follows:

Site Name:	**Anchor Glass Container Corporation** (Permit ID: WVG610482)
EDR Report Page No(s):	Pages 10 - 11
Status:	Permit Expired 12/31/1997, Storm Water Industrial General Permit
Address:	P.O. Box 968 Waxler Road, Keyser, WV 26726
Distance:	On-site
Direction:	On-site
Other Databases:	RCRA NonGen/NLR, FINDS, ECHO
Comments:	According to the EDR database Report, the permit expired on 12/31/1997. A Freedom of Information Act (FOIA) request was placed with the WVDEP DWWM. According to the response, no records were available for review pertaining to the site.

ECHO: Enforcement and Compliance History Information (ECHO) provides integrated compliance and enforcement information for 800,000 regulated facilities nationwide. The target property is listed under an ECHO according to the database with a Registry ID: 11054975791 and 110006817490; however, these listings are not likely to represent an environmental risk to the site.

3.2 Unmappable Sites

The EDR database report contains regulatory file listings for non-geocoded/orphan locations that were not mapped due to an inadequate physical address or accurate mapping information. In some cases the orphan summary list may contain the site or neighboring properties. According to the database report, there were zero (0) orphan sites identified by EDR in the Keyser, West Virginia vicinity. In addition, the subject site was not identified on the orphan list.

3.3 Vapor Encroachment Screen

Vapor encroachment is an emerging concern associated with the potential for volatile chemicals, such as petroleum fuels and chlorinated solvents to migrate through the subsurface in the gas phase from contaminated soil and/or groundwater plumes. Vapor encroachment may be a concern if subsurface volatile contaminants migrate into occupied buildings through cracks and penetrations in the building slab. To assess the potential for vapor encroachment to impact the site, THRASHER evaluated potential sources of contamination from both onsite and offsite sources that have the potential to release constituents that could migrate onto the site from up gradient location or adjacent properties. THRASHER relied on the reconnaissance of the site and surrounding area to identify potential sources which could produce

contaminants resulting in vapor encroachment at the site. THRASHER also used the EDR database to identify potential sources of contaminants that could result in vapor encroachment at the site.

The EDR database did not identify any up gradient facilities that were determined at this time that could result in vapor encroachment at the site. However, a UST was removed from the north end of the east-west oriented truck canopy and no documentation pertaining to the UST or any potential releases or cleanup activities was available for review. In addition, the following ASTs have existed onsite: a 100,000- gallon fuel oil tank; 7,000-gallon machine lubricating oil tank; 550-gallon diesel fuel tank; two 275-gallon kerosene tanks; and one 600-gallon used oil tank. Soil and ground water quality in the vicinity of these tanks and associated underground piping system have not been assessed. Based on the lack of any supporting closure or chemical analysis documentation, this historic presence of the aforementioned UST and ASTs are considered a potential vapor encroachment issue and a BER to the site.

3.5 Site Physical Data

3.5.1 Soil/Geology

The site is located in the Valley and Ridge physiographic province, and is primarily composed of folded and faulted rocks that range in age from late Precambrian to early Mississippian. The rocks range in age from late Ordovician to early Mississippian. The erosional characteristics of the sedimentary rock formations exposed along great anticlines and synclines of the Appalachian Mountains are responsible for the characteristic Valley and Ridge topography. Durable layers of sandstone and conglomerate form ridges, whereas less resistant limestone and shale underlie the valleys in the region. The structural geology of the Valley and Ridge is complex with extensive thrust faults and folds that contribute to the repetition of the rock formations. In addition, three major allochthonous thrust sheets have displaced the surface and subsurface rocks westward in the order of 30 to 50 miles.

The bedrock underlying the site consists of Quaternary Alluvium underlain by the Devonian Age Marcellus Formation and Needmore Shale, undivided – Marcellus Formation (part of Millboro Shale); consisting of predominantly gray-black to black thinly laminated non-calcareous pyritic shale. Contains one or more thin-bedded limestones, including the Purcell Member of Pennsylvania. Needmore Shale (part of Onesquethaw ("Onondaga") Group): predominantly dark grey or green, calcitic, mostly non-fissile shale and gives strong "kick" on gamma ray logs. Tioga Bentonite near the top. Includes the black Beaver Dam Shale Member. Grades westward into the Huntersville Chert.

Data on surficial soils has been incorporated from Natural Resources Conservation Services – Web Soil Survey (http://websoilsurvey.nrcs.usda.gov). Based upon the information in that report, surficial soils can be characterized as Atkins silt loam, Braddock gravelly loam, Udorthents and Laidig very stony loam. Such soils typically have a slow to moderate infiltration rate, and a low to high hydraulic conductivity.

Based on a review of the United States Geological Survey (USGS) topographic map (**Figure 1**), surface elevation at the site is approximately 795 feet above mean sea level (AMSL) with the general topographic slope to the west-southwest.

3.5.2 Flood Plain

According to the EDR Report, the site is located within the 500- year flood zone, but is not located within the 100- year flood zone.

3.5.4 Water Wells

According to the EDR Report, there were two (2) Federal United States Geological Survey (USGS) water wells, zero (0) Federal Public Water Supply Systems, and State Database Water wells identified within one (1) mile of the site.

During the site reconnaissance, three (3) former process water wells were observed on the site. According to Mr. Bob Iser, the wells were historically used to supply cooling water to the manufacturing processes. The construction and installation details of these wells have not been determined. These wells are no longer utilized on the site and are inactive; however, these wells do not appear to have been properly abandoned. The site currently utilizes municipal water for its daily uses.

3.5.5 Oil/Gas Wells

Based on the EDR Report, there were no oil/gas wells identified within one mile of the site. In addition, no oil/gas wells were observed on the site during the site reconnaissance.

4.0 SITE RECONNAISSANCE

4.1 Site Visit

4.1.1 Methodology and Limiting Conditions

The purpose of the site visit was to complete a site reconnaissance to determine if RECs, CREC, HRECs or BERs exist at the site and to note areas of concern. Potential areas of concern that were searched for included items such as past dumping and land filling on-site; any unusual, readily apparent discolorations of surface soils, concrete or asphalt; odors; vegetative distress; or other characteristics which might indicate a previous release involving hazardous materials or petroleum products. A site reconnaissance was performed by Ms. Paige Gardner and Ms. Julie Barry, of THRASHER, on February 17, 2017. Ms. Gardner and Ms. Barry were accompanied by Mr. Bob Iser, Site Manager and maintenance employee of AGCC during the site reconnaissance. Mr. Iser did not permit THRASHER to access the southern portion of the manufacturing structure beyond the lehr because it was flooded with water. In addition, poor lighting limited visibility in some interior basement locations of the former manufacturing facility.
There were no other significant limiting conditions that affected the completeness of site reconnaissance activities. The reconnaissance was conducted by walking around the perimeter of the site. In addition, adjoining and neighboring properties were visually observed to the extent possible from the site boundaries and from public rights of way. Site photographs obtained during the site reconnaissance is included as **Appendix I**. A site map depicting the site features is included as **Figure 2**.

Dates of Reconnaissance	February 17, 2017
Field Personnel	Ms. Paige Gardner and Ms. Julie Barry of THRASHER.
Weather Conditions	Sunny and temperatures in the mid-60s.
Site/Owner Representatives	Access to the site was provided by Mr. Bob Iser.
Observation Procedures	The reconnaissance was conducted by walking around the perimeter of the site and observing the interior of the structures to the extent accessible. In addition, adjoining and neighboring properties were visually observed to the extent possible from the site boundaries and from public rights of way.

4.1.2 Current Site Uses

VERSO leases the northern portion of the main structure on-site as a warehouse for paper product bulk rolls and tube storage from Verso Paper Mill in Luke, MD. There is a small office area, a break room, rest rooms, and a maintenance area. Several truck loading/unloading bays are used by VERSO; however, no vehicle maintenance is conducted at the site.

The southwestern portion of the structure occupied by AGCC contains vacant \ offices (except for the current facility manager's office), former hot and cold end glass manufacturing areas (lehr [kiln used in glassmaking], furnace, batch mixing, labeling, packaging), a vacant compressor room, a mezzanine room (used for storage), a portion of the center warehouse currently used by AGCC for storage of bricks, mortar, machinery and other manufacturing equipment, all of which is no longer in use. The former maintenance shop is currently in use for light facility and grounds maintenance. Rest rooms/locker rooms and electrical/utility rooms are still functional. Floor drains were observed throughout the facility. The eastern half of the property is an undeveloped vacant hay field with a forested perimeter.

Portions of the parking lot and driveway are asphalt-paved, while the remainder is covered with stone; together they occupy roughly 25% of the developed portion of the property. The remainder of the site is comprised of wooded/vegetated areas. Other structures on the property include an empty former fuel oil pump house, and several old and partially dilapidated farm structures including a small slaughterhouse and silos. A few piles of mixed concrete debris and soil were evident in the vicinity of the farm silos and dilapidated slaughterhouse. Mr. Iser did not know the source of the piles, but believed the material was dumped by "locals".

The material unloading area is designed to receive trucks and railcars. The material was formerly dumped in to underground hoppers that were emptied by a conveyor system. Some remnant raw material such as scrap metal, glass, and cardboard, and was evident on the floor of the area. The ends of the structure are open to precipitation, and runoff represents a potential storm water discharge issue.

A visual inspection of the exterior areas did not reveal any staining (other than normal minor parking lot stains), unusual odors, stressed vegetation (other than related to the climate), or other physical evidence of

an adverse environmental impacts, with the possible exception of the debris located in the undeveloped wooded/vegetated portion of the property.

Two pipe openings (i.e., manholes) were observed in the front parking lot. Mr. Iser was not aware of their purpose, but believed that one of them may have been a sanitary sewer connection for a former trailer that was once in the area. No manufacturing operations have taken place at the facility since 1995. The construction detail for the site structure is as follows:

AGCC Facility

Age	Built in 1972
Building Height	Main building one-story, high bay structure with a mezzanine and elevated second floor interior plant office space.
Building Size	Approximately 256,000 square feet
Construction	Steel frame.
Façade	Corrugated steel.
Roofing	Metal roof.
Flooring	Unfinished concrete in the former manufacturing areas, warehouse, and storage areas, and vinyl in the office suites of the structure.
Interior Walls	Concrete masonry unit, corrugated steel, wood paneling, tile, dry wall.
Ceiling	Acoustic drop ceiling tiles and corrugated steel.
Lighting	Fluorescent.
Heating and Cooling	The former manufacturing facility is neither heater nor cooled due to its lack of use. Heating in the Site Manager's office is provided by ceiling-mounted natural gas-fired units. Cooling in the office is provided by a window-installed air conditioning unit. The warehouse and storage areas are heated by ceiling mounted propane heaters.

4.1.3 Site Operations, Processes, and Equipment

The following table details the interior observations noted during the site reconnaissance:

Yes	No	Observed Conditions
	•	Emergency generators
•		Air compressors
•		Hydraulic lifts
	•	Dry cleaning
	•	Photo processing
	•	Laboratory hoods and/or incinerators
	•	Waste treatment systems and/or water treatment systems
•		Heating and/or cooling systems
	•	Other processes or equipment

One (1) air compressor was observed in the maintenance area of the structure. The area beneath the air compressor was stained and did not exhibit any evidence of cracks in the concrete floor. This is not considered an environmental concern.

During the reconnaissance of the site, one (1) large hydraulic lift was observed in the truck loading area on the southernmost portion of the structure. Inspection records of the hydraulic lines and oil reservoir for the lift were not available. Additional details regarding this lift were not available.

The leased area of the warehouse is provided heat via ceiling mounted propane heaters. The former manufacturing facility is neither heated nor cooled due to its lack of use. Heating in the Site Manager's office is provided by ceiling-mounted natural gas-fired units. Cooling in the office is provided by a window-installed air conditioning unit. The warehouse and storage areas are heated by ceiling mounted propane heaters.

Numerous fork lifts were observed during the site reconnaissance in the leased portion of the warehouse. An inspection of the fork lifts revealed them to be in good condition with no obvious signs of leaks or staining on the immediate ground surface. According to Mr. Iser, maintenance of the fork lifts is not performed on site and a contractor disposes of used hydraulic oil offsite.

4.1.4 Aboveground Chemical or Waste Storage

Yes	No	Observed Conditions
•		Aboveground storage tanks
•		Drums, barrels and/or containers > 5 gallons
	•	MSDS
	•	Parts Washer
	•	Other

During the site reconnaissance, one (1) aboveground storage tank (AST) was observed in the basement of the structure and two (2) propane ASTs were observed along the northwestern corner of the parking lot. The two (2) propane ASTs are associated with the ceiling mounted propane air heaters in the leased portion of the warehouse. A list of the onsite ASTs is provided below.

Tank Location	Tank Type	Number & Size (gal.)	Age	Contents
Basement	Steel AST, horizontal	1 x 275	Unknown	Assumed used oil
Northwestern area of parking lot	Steel AST, horizontal	2 x 2,000	Unknown	Propane

The AST observed in the basement is part of a retrofitted oil/water separator which utilized a belt skimmer to remove oil. It is located within a dike and is no longer in use, but remains adjacent to the

sump pump in the basement. During the site reconnaissance of the northwestern corner of the parking lot, THRASHER observed the presence of two (2) approximate 2,000-gallon liquid propane ASTs. The ASTs appeared to be in good condition and is utilized to heat the space leased by VERSO. THRASHER did not observe any environmental issues associated with these AST systems.

Non-stationary containers holding hazardous substances or petroleum products were observed throughout the facility which included; four (4) drums of used oil, a small five-gallon capacity gasoline container, and a used hydraulic oil container, located in the maintenance room and in an equipment storage room along in the warehouse space. All of the containers lacked secondary containment. One of the drums (half filled with used oil), had a broken top and was not closed properly. In addition, three (3) drums were observed to be stored improperly and did not have sufficient tops. A gasoline container and a hydraulic oil container were not secured in a flammable or maintenance closet and could potentially cause a spill if not secured.

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

Yes	No	Observed Conditions
	•	Underground storage tanks or ancillary UST equipment
•		Sumps, cisterns, catch basins and/or dry wells
	•	Grease traps
	•	Septic tanks and/or leach fields
•		Oil/water separators
	•	Pipeline markers
•		Interior floor drains
	•	Other

No USTs are known or were observed to currently exist at the site. According to Mr. Iser, a former UST was located at the northern end of the east-west oriented truck canopy. This area is partially covered by a ramp that was installed after the UST was removed, and the remaining area is covered by grass. Mr. Iser was not aware of any additional details pertaining to the UST or any potential releases or associated cleanup activities. Previous investigations summarized in Section 2.5.1 indicate the former presence of UST that was removed from the north end of the east-west oriented truck canopy. Refer to that section for details.

There are three (3) sumps located in the basement of the site structure associated with groundwater and storm water drainage. The sumps were connected to a retrofitted oil/water separator that was observed to be in poor condition. The observed retrofitted oil/water separator is summarized in Section 4.1.4. Refer to that section for details. According to Mr. Iser, groundwater and storm water seep/flow into the basement beneath the furnace, the batch mixing basement, and the cullet crusher basin. Mr. Iser indicated there is a hole in one of the walls in the basement that allowed the discharge of the basement groundwater and storm water collected in the sump pump. This water is then discharged via a four (4) inch diameter

black pipe into the unnamed tributary along the northern perimeter of the site and eventually to the North Branch of the Potomac River. The basement sump water visually appeared clear during the site visit; however, the sump discharges directly to the unnamed tributary/ditch in the front of the property. Surface sediment, remnant batch mixing material, and oily furnace basement floor sediment (possibly chrome-bearing flu ash) could be discharged from the sump. There are interior floor drains throughout the facility; however, no floor drains were observed in the vicinity of the stored chemicals, and no evidence of leakage, releases or spills was identified in the vicinity of the stored chemicals.

4.1.6 Electrical Transformers / PCBs

Yes	No	Observed Conditions
•		Pad- or pole-mounted transformers and/or capacitors
	•	Other Equipment

During the site visit, Mr. Iser reported that the majority of the transformers located on the southern portion of the site were removed by the power company recently. Approximately six (6) pad-mounted electrical transformers were observed on the southern portion of the site. The transformers were not labeled as to polychlorinated biphenyls (PCB) content. The transformers appeared to be in fair condition.

4.1.7 Releases or Potential Releases

Yes	No	Observed Conditions
	•	Stressed vegetation
	•	Stained soil
•		Stained pavement or similar surface
	•	Leachate and/or waste seeps
•		Trash, debris and/or other waste materials
	•	Dumping or disposal areas
•		Construction/demolition debris and/or dumped fill dirt
	•	Surface water discoloration, odor, sheen, and/or free floating product
	•	Strong, pungent or noxious odors
•		Exterior pipe discharges and/or other effluent discharges
	•	Other

Oil stains and flue slag and ash were observed on the walls and floor of the basement of the structure. Visual staining on the walls of the basement suggests flooding to a depth of approximately1.5 to 2 feet has occurred in the recent past. Historic and potential future flooding could be contaminated by flue slag, floor dirt and possibly used oil. Operation of the basement sump pump would result in a discharge of potentially impacted water to the storm sewer/river. A black pipe pumps water from the sump pump in the basement and along the eastern perimeter of the building to a ditch and stream north of the building which

flows into the North Branch of the Potomac River. As the discharge is not monitored and has not been analyzed, it is considered an REC due to the potential for release of contaminants to site storm water.

A small quantity of solid waste debris was observed primarily near the southeastern boundary of the site in a partially-walled storage bay. This debris primarily consisted of, but was not limited to, pallets, chairs, paper rolls, and various household items and refuse. No chemicals or significant quantity of material that would be subject to USEPA Universal Waste regulations were observed. Although not a REC, this debris should be properly disposed.

The site's general trash is stored in metal roll-off dumpsters located in designated asphalt-paved areas on the west side of the building along the loading area.

During reconnaissance of the southeastern portion of the site near the solid waste debris area, THRASHER observed the presence of an inoperable vehicle. An inspection of the area beneath the inoperable vehicle revealed no obvious signs of leaks or staining on the immediate ground surface. According to Mr. Iser, maintenance of vehicle is not performed on site.

A large quantity of waste asphalt from area public works roadway resurfacing projects was staged on southern portion of the site. According to Mr. Iser, the waste asphalt was for his personal use; however, the materials have not yet been removed from the site. Because the asphalt material is ground into very small particles that can easily blow off or wash from the surface, THRASHER considers this waste asphalt to be a REC to the site.

According to Mr. Iser, groundwater and storm water seep/flow into the basement beneath the furnace, the batch mixing basement, and the cullet crusher basin. Mr. Iser indicated there is a hole in one of the walls in the basement that allowed the discharge of the basement groundwater and storm water collected in the sump pump. This water is then discharged via a four (4) inch diameter black pipe into the unnamed tributary along the northern perimeter of the site and eventually to the North Branch of the Potomac River. The basement sump water visually appeared clear during the site visit; however, the sumps discharge directly to the unnamed tributary/ditch in the front of the property. Surface sediment, remnant batch mixing material, and oily furnace basement floor sediment (possibly chrome-bearing flu ash) could be discharged from the sump.

4.1.8 Other Notable Site Features

Yes	No	Observed Conditions
•		Surface water bodies
	•	Quarries or pits
•		Wells
	•	Storm water
•		Other site features

As stated in Section 3.5.3, an unnamed tributary of the North Branch of the Potomac River was observed in close proximity to the northern property boundary. According to Mr. Iser, groundwater and storm water seep/flow into the basement beneath the furnace, the batch mixing basement, and the cullet crusher basin. Mr. Iser indicated there is a hole in one of the walls in the basement that allowed the discharge of the basement groundwater and storm water collected in the sump pump. This water is then discharged via a four (4) inch diameter black pipe into the unnamed tributary along the northern perimeter of the site and eventually to the North Branch of the Potomac River. The basement sump water visually appeared clear during the site visit; however, the sumps discharge directly to the unnamed tributary/ditch in the front of the property. Surface sediment, remnant batch mixing material, and oily furnace basement floor sediment (possibly chrome-bearing flu ash) could be discharged from the sump.

As previously stated in Section 3.5.4, three (3) former process water wells were observed on the site. According to Mr. Iser, the wells were historically used to supply cooling water to the manufacturing processes. The construction and installation details of these wells have not been determined. These wells are no longer utilized on the site and are inactive; however, these wells do not appear to have been properly abandoned.

Glass, concrete and construction debris and refuse appeared to be a ubiquitous condition throughout the grass-covered area along the southeastern portion of the site.

A railroad line was observed entering the site along the southern site boundary. Historically, the railroad line operated along the southern site boundary and provided services for the AGCC facility. There was no historical documentation which suggests that any spills have occurred along this section of track. No environmental issues are anticipated from this railroad line.

4.2 Offsite Reconnaissance

A site reconnaissance was conducted to observe adjacent properties, and determine if any adjacent property activities pose RECs to the site. All observations were made from the public right-of-way and did not include accessing off-site structures. Current land-uses of the properties that are immediately adjoining and adjacent to the subject site are summarized on the following table.

Site Vicinity Observations

Direction	Boundary Feature	Topographic Relation	Environmental Concerns
North	The site is bound by Harlan Ridder Road with a vacant lot beyond (future location of America's Best Block).	Cross Gradient	None observed.
South	The site is bound by Glass Plant Access Road with Metal Fabrication and Machine Company, Inc. beyond.	Up Gradient	None observed.

Direction	Boundary Feature	Topographic Relation	Environmental Concerns
East	The site is adjoined by Pro Stainless Custom Fabrication.	Up Gradient	None observed.
West	The site is bound by Waxler Road with the Keyser Municipal Sewer Treatment Facility further beyond.	Down Gradient	None observed.

The following table summarizes uses and current conditions observed on the adjoining and neighboring properties identified in the above table consistent with the ASTM Standard E1527-13, Section 9.0 Site Reconnaissance, Subsection 9.4.1.3 Uses and Conditions of Adjoining Properties. For each use or condition identified for adjoining properties, a detailed explanation discussing the significance of the recognized environmental condition or level of environmental threat to the site is given.

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

Yes	No	Observed Conditions
	●	Other Environmental Concerns

Based upon the site reconnaissance, the western adjoining property contains two (2) WVDEP approved Keyser Municipal Sewer Treatment Facility wastewater treatment ponds that are part of the septic system. During the site visit, the wastewater treatment ponds appeared to be operating properly. Treated effluent water is discharged in controlled flow to the North Branch of the Potomac River under WVDEP NPDES permit, Permit No. WV0024392. The operation of these wastewater treatment ponds is not considered a REC in connection with the site. There are no additional recommendations warranted for this item.

A railroad line was observed entering the site along the southern site boundary. Historically, the railroad line operated along the southern site boundary and provided services for the AGCC facility. There was no historical documentation which suggests that any spills have occurred along this section of track. There are no environmental concerns anticipated for the site associated with this adjoining railroad line.

The property is bounded on the north by a vacant lot that is reported to be the future location of America's Best Block, on the east by the Pro Stainless Custom Fabrication (a KIP facility), on the south by Metal Fabrication and Machine Company, Inc. (a KIP facility), and on the west by Waxler Road and the Keyser Municipal Sewer Treatment Facility (a KIP facility). Historical usages of those parcels that may have involved the use or release of hazardous substances or petroleum products in significant quantities include manufacturing activities at Pro Stainless Custom Fabrication and Metal Fabrication and Machine Company, Inc. The adjacent parcel judged to have the greatest potential for a significant adverse impact on the environmental condition of the Property is Pro Stainless Custom Fabrication because it is located up-gradient from the Property. THRASHER's site visit did not identify evidence of spills, leaks or hazardous waste generation or storage along the common boundaries between the immediately surrounding properties and the site.

5.0 Non-ASTM Scope Considerations

5.1 Asbestos-Containing Materials (ACMs)

Due to the age of the structure, ACMs may have historically been used at the property. According to Mr. Iser, ACMs were historically identified and removed from the structure; however, the report was not available for review. Suspect ACMs (SACMs) friable materials were observed during the site reconnaissance, including but not limited to, joint pipe insulation, window sill glazing, ceiling tiles and floor tiles.

5.2 Lead-Based Paint (LBP)

The structure was constructed and maintained in times when LBP materials were still in use. Therefore, LBPs may potentially be present based solely on the age of the structure, and they may potentially have been covered with newer materials. According to Mr. Iser, a LBP survey has not been performed on the structure. Areas of deteriorated, flaking, and/or peeling paint were observed during the site reconnaissance.

5.3 Radon

Radon is a carcinogen causing radioactive gas, which is odorless and tasteless. The USEPA has prepared a map to assist national, state, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three (3) zones; Zone 1 being areas with the average predicted indoor radon concentration in residential dwellings exceeding the USEPA action limit of 4.0 picoCuries per liter (pCi/L). It is important to note that the USEPA had found homes with elevated concentrations in all three (3) zones and actual determination cannot be found without site specific testing. However, the map does give valuable information on the propensity of radon gas accumulation in structures.

According to the EDR report, Mineral County is located within Radon Zone 1, where the indoor radon levels average greater than 4.0 pCi/L. Of the 222 sites assessed for radon in the site 26726 zip code area, the maximum radon level detected was 51.5 pCi/L and the minimum level was 1.1 pCi/L, with approximately 67% of sites tested meeting the USEPA screening level of 4.0 pCi/L. Site-specific radon testing was not conducted as part of this assessment.

5.4 Mold

Significant water intrusion was observed in the basement of the structure. The standing water appeared to clear at the time of the site reconnaissance. Apparent mold growth and water damage was observed along the flooring and walls of the basement. Apparent mold growth was observed on floor and walls in the basement of the structure. In addition, evidence of seepage and moisture intrusion was observed on walls in the basement of the structure. According to Mr. Iser, the AGCC facility has historically had groundwater intrusion into the basement of the structure.

5.5 Wetland / Erosion and Soil Control Concerns

A site-specific wetlands evaluation with associated field delineation was not within the scope of work for this assessment. However, a cursory wetlands inspection was performed for the site. According to a review of the National Wetlands Inventory (NWI) Map for the site, as maintained by the U.S. Department of the Interior, Fish and Wildlife Service, and the EDR Report, there are no nationally recognized wetlands mapped within the confines of the site, however, are in a nearby proximity to the site. The nearest mapped wetlands are depicted west of the site along the North Branch of the Potomac River.

During the sire reconnaissance, an unnamed tributary of the North Branch of the Potomac River was observed in close proximity to the northern property boundary. According to Mr. Iser, groundwater and storm water seep/flow into the basement beneath the furnace, the batch mixing basement, and the cullet crusher basin. Mr. Iser indicated there is a hole in one of the walls in the basement that allowed the discharge of the basement groundwater and storm water collected in the sump pump. This water is then discharged via a four (4) inch diameter black pipe into the unnamed tributary along the northern perimeter of the site and eventually to the North Branch of the Potomac River. The basement sump water visually appeared clear during the site visit; however, the sump discharges directly to the unnamed tributary/ditch in the front of the property. Surface sediment, remnant batch mixing material, and oily furnace basement floor

sediment (possibly chrome-bearing flu ash) could be discharged from the sump. This outfall is not permitted, therefore may represent a NPDES violation.

5.6 All Other Concerns

As an industrial facility, the site may be subject to NPDES or other permitting requirements.

6.0 INTERVIEWS

6.1 User Questionnaire

A User Questionnaire was completed by Mr. Kevin Clark of Mineral County Development Authority. THRASHER did not have any specialized knowledge regarding the history and/or use of the site that would exceed what might typically be available to an environmental professional performing a Phase I ESA. According to the response provided by Mr. Clark, the purchase price is believed to be below fair market value because it is an IRS Section 170 transaction. Mr. Clark is aware the site was historically used as a glass container manufacturing plant. In addition, Mr. Clark provided a historic Phase I ESA dated July 2012. Please refer to Section 2.5.1 for details of this report.

6.2 Owner Interview

During this assessment, THRASHER conducted an interview with Mr. Iser, the representative of the current owner of the site. Mr. Iser provided THRASHER with information regarding site activities, site structures, and current and former chemical and petroleum storage areas. This information is utilized throughout this report and referenced where applicable.

Mr. Iser has been affiliated with the activities associated with the subject property since 1972. He explained that the facility changed ownership at least three (3) times while operating as a glass facility from 1972-1995; Chattanooga Glass Company, Anchor Glass Container Cooperation, and Ardagh Glass Containers, Inc. Mr. Iser said during this period of time, the site was always utilized to produce glass; over time transitioning from flint glass for the food and beverage industry to household drinkware. While investigating the southern portion of the facility, where the furnace is located, Mr. Iser said that he estimates there are still six (6) tons of remnant glass materials remaining in the furnace present day; when the facility closed in 1995 it was shut down during an active production and the glass was abandoned. In the basement of the furnace, significant water staining and pooling were observed; Mr. Iser explained that the percolating groundwater has been an issue for as long as he can remember. He identified a sump pump for accumulated water near a secondary containment for a former tank that was previously removed. The basement south of the furnace was not accessible due to standing water, when observing from the asphalt surface east of the silo; running/flowing water could actually be heard.

In the central warehouse of the glass facility, storage of bricks, mortar, machinery, and in-active operating equipment were observed. Mr. Iser stated these materials are owned by Ardagh and are shipped to other glass producing facilities as/if needed. The offices in this section, with the exception of Mr. Iser's, were vacant; floor drains were observed throughout the facility including the restrooms. The men's and women's

restrooms had showers, sinks, and toilets still in place. This warehouse, in addition to the other sections of the glass facility, is not temperature controlled because of its lack of use. The most northern warehouse is currently being leased to VERSO for the storage of their products from their paper mill in Luke, MD. This warehouse is temperature controlled; it is heated by ceiling mounted propane heaters. The two (2) associated propane ASTs are located outside of the southwestern corner of the warehouse. This warehouse has a breakroom, men and women's restrooms, offices, and a bay for loading/unloading tractor trailer trucks with reams of paper.

While the facility was operating, it accepted glass recyclables from the public. The vehicles would pull onto the scale located to the southeast of the warehouse and employees would unload and sort the delivery. Also in the southern portion of the facility is where the railcars would pull in and dump their loads; the rail tracks are still in place. Currently, there is a stockpile of millings staged in this area of the property; according to Mr. Iser, the waste asphalt was for his personal use and he said he would remove before property transaction occurred. Mr. Iser identified a former AST location north of the recycling yard; he said the tanks have been removed but the associated lines/pipe may still be buried. Additionally, in an existing concrete block "pump house" to east of the rail tracks; the tanks were previously removed but again, Mr. Iser said it is likely that the associated lines/pipes are still in place.

There were remnants of two (2) structures in the forested area to the east of the fence of line east of the existing facility; Mr. Iser recalled these were associated with a slaughter house and butcher shop. In the fields surrounding this forested area; Mr. Iser identified two (3) groundwater wells as well as the former location of three (3) AST's. To the south of this area are two (2) silos and a graveled lot where overflow trailers for VERSO and Tomar Trucking are parked; Tomar Trucking is located on the southern adjoining property. They haul material for Automated Packaging, Pro Stainless, Lumber and Things, and VERSO – all located in the KIP. Pro Stainless is the eastern adjoining property and Quality Supply is located to its eastern boundary; they make and recycle pallets. Earth moving activities were observed on the northern adjoining property; it is currently a vacant field with the exception of a laydown yard on the western portion. This parcel is the future site of America's Best Block Plant. Lastly, the western adjoining property is the existing location of City of Keyser's Wastewater Treatment Facility; a new facility is currently under construction to the north of existing facility.

Sanitary wastewater is discharged to the municipal sewer system, which leads to the local Publicly Owned Treatment Works (POTW). According to Mr. Iser, the site has always been connected to the municipal water and sewer systems. Storm water runoff from the roofs and parking lots is collected in catch basins located around the facility that discharge to the public storm sewer and at least two (2) storm water catch basins convey flow beneath the facility.

6.3 Additional Interviews

As part of this ESA, THRASHER sent a FOIA request to the Mineral County Health Department, the Mineral County Office of Emergency Management, the WVDEP and the USEPA. Based on the response from Mr. John DelSignore of the Mineral County Health Department, there are no records regarding

drilled wells, septic systems, groundwater monitoring wells or environmental investigations pertaining to the site. Based on the response from Mr. Luke McKenzie of the Mineral County Office or Emergency Management, there are no files regarding emergency response calls and/or hazardous materials spills, incidents, or investigations at the facility. According to email communication with Ms. Jessica Henson, Mr Jeff Gibson, and Ms. Pamela Houston of the WVDEP, there are no available records for the site in the OER, no records of USTs, and no records of permits. A response has not been received from USEPA. If information is provided from the USEPA that materially change the conclusions of this report, THRASHER will issue and Addendum to the report. THRASHER also reviewed the USEPA's ECHO database; a copy of the detailed facility report is included in **Appendix H**. Copies of the responses are included in **Appendix G**.

7.0 DATA GAPS

The accuracy and completeness of this report may be limited by the following:

- **Access Limitations –** The owner representative of the site did not permit THRASHER to access the southern portion of the basement because it was flooded with water. This data gap is not expected to represent a significant limitation to this investigation.

- **Physical Obstructions to Observations –** Poor lighting limited visibility in some interior basement locations of the former manufacturing facility. Additionally, concrete debris and trash was present in exterior throughout the site, limiting surface observations in these areas. It is THRASHER's opinion that this data gap is not expected to represent a significant limitation to this investigation.

- **Outstanding Information Requests –** Responses to the current FOIA requests submitted to the USEPA have not been received to date. This data gap is not expected to represent a significant limitation to this investigation.

- **Historical Data Source Failure –** There were no significant data gaps regarding the current and historical utilizations of the site identified during this assessment.

- **Other –**During the ESA process, THRASHER interviewed representatives of AGCC as to the names of the owners of the site prior to 1987. THRASHER was not provided with contact information for the previous owners of the site prior to 1987 when the subject property was used by Diamond Bathurst Glass Company. This limitation is not expected to change the outcome of the report based on historical information gathered from other sources, which are documented throughout this report. THRASHAER obtained historical property information from EDR, site representatives, and government agencies.

  Historical sources must be reviewed dating back to 1940 or first developed use, whichever is earlier. The earliest source of historical land use information reviewed for this assessment was a 1947 aerial photograph. However, the aerial photograph has a 1 inch = 500 feet scale and provides little detail of the site, and the first aerial photo reviewed was dated 1989, and depicts the site with its current

configuration. Based on this information, it is unlikely that there was a prior developed industrial use of the site. As a result, it is THRASHER's opinion that this data gap is not expected to represent a significant limitation to this investigation.

An environmental lien search was not requested by the client and was not obtained for the site. The current deed for the site does not reference any environmental restrictions. Mr. Iser reported that he had no knowledge of any environmental liens or environmental use restrictions that may have been placed on the subject property. This data gap is not expected to represent a significant limitation to this investigation because other historical sources were available.

It should be noted that this assessment did not include an audit of operational environmental compliance issues or of any environmental management systems that may exist on the property. 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, THRASHER in certain instances has been required to assume that the information provided is accurate.

The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted engineering and scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgment of THRASHER based on the data obtained from the work. Due to the nature of investigation and the limited data available, THRASHER 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.

8.0 FINDINGS

Based on the information gathered and reviewed from the state and federal regulatory databases, historical sources, and our site visit and area reconnaissance, it is our professional opinion that seven (7) recognized environmental conditions (RECs), a *de minimis* condition, several business environmental risks (BERs), and several non-ASTM scope considerations were identified for the site. No controlled RECs (CRECs) or historical RECs (HRECs) were identified. The findings identified for the site are summarized below:

Recognized Environmental Conditions

- **Section 2.5.1 Phase I Environmental Site Assessment**
  According to the 2005 ESA Report, a site representative indicated that a UST was removed from the north end of the east-west oriented truck canopy. This area has since been covered with asphalt and a small grass-covered area. No documentation pertaining to the UST or any potential releases or cleanup activities was available for review at the time. Based on the lack of any supporting closure or chemical analysis documentation, this historic UST is considered a REC.

- **Section 2.5.1 Phase I Environmental Site Assessment**
  Wastewater generated from floor-scrubbing activities that contained oil residues was discharged to the storm water swale located within the plant yard. Additionally, stained soils were observed at this discharge point/steam cleaning area during a 1991 environmental assessment. Soil and ground water quality in the vicinity of this area has not been assessed. The observation of stained soil at the location of an oily discharge that has not been chemically assessed is considered a REC.

- **Section 2.5.1 Phase I Environmental Site Assessment**
  The following above-ground storage tanks exist or have existed on-site: a 100,000- gallon fuel oil tank; 7,000-gallon machine lubricating oil tank; 550-gallon diesel fuel tank; two 275-gallon kerosene tanks; and one 600-gallon used oil tank. Soil and ground water quality in the vicinity of these tanks and associated underground piping system have not been assessed. Based on the potential for a storage system of this size operating over 23 years without secondary containment to have released petroleum to the soils or groundwater, this condition is considered a REC.

- **Section 2.5.1 Phase I Environmental Site Assessment**
  Non-stationary containers holding hazardous substances or petroleum products were located in the maintenance room, in an equipment storage room, and in the vacant warehouse space. These containers included four 55-gallon capacity drums of used oil, a small five-gallon capacity gasoline container, and a used hydraulic oil container. All of the containers lacked secondary containment. One of the 55-gallon used oil drums, half filled with oil, had a broken top and was improperly sealed. The remaining three drums were observed to be improperly stored and lacked completely functioning tops. The tops in general were bent and did not create an air-tight seal on the drums. A gasoline container and hydraulic oil container were not stored properly in a flammable or maintenance closet and could potentially cause a spill if not secured. As this could create a potential spill or release and was identified as a REC.

- **Section 2.5.1 Phase I Environmental Site Assessment**
  The WVDEP noted a major environmental concern during a pre-closure inspection of the facility that involved petroleum hydrocarbon-affected soil in the area surrounding the used oil, kerosene, and diesel fuel above-ground storage tanks (AST). The inspection report stated that all affected soil must be removed and disposed properly. However, there was no documentation within the AGCC

files to substantiate the cleanup and disposal of these affected soils. Mr. Iser, a representative for AGCC, was not aware of any soil removal from the site. The presence of this observed release of petroleum for which no cleanup information exists is considered an REC.

- **Section 4.1.7 Releases or Potential Releases**
  Oil stains and flue slag and ash were observed on the walls and floor of the basement of the structure. Visual staining on the walls of the basement suggests flooding to a depth of approximately1.5 to 2 feet has occurred in the recent past. Historic and potential future flooding could be contaminated by flue slag, floor dirt and possibly used oil. Operation of the basement sump pump would result in a discharge of potentially impacted water to the storm sewer/river. A black pipe pumps water from the sump pump in the basement and along the eastern perimeter of the building to a ditch and stream north of the building which flows into the North Branch of the Potomac River. As the discharge is not monitored and has not been analyzed, it is considered an REC due to the potential for release of contaminants to site storm water.

- **Section 4.1.7 Releases or Potential Releases**
  A large quantity of waste asphalt from area public works roadway resurfacing projects was staged on southern portion of the site. According to Mr. Iser, the waste asphalt was for his personal use; however, the materials have not yet been removed from the site. Because the asphalt material is ground into very small particles that can easily blow off or wash from the surface, THRASHER considers this waste asphalt to be a REC to the site.

Controlled Recognized Environmental Conditions

- No CRECs were identified for the site during this assessment.

Historical Recognized Environmental Conditions

- No HRECs were identified for the site during this assessment.

De Minimis Conditions

- **Section 4.1.8 Other Notable Site Features**
  Glass, concrete and construction debris and refuse appeared to be a ubiquitous condition throughout the grass-covered area along the southeastern portion of the site.

Business Environmental Risks

- **Section 3.3 Vapor Encroachment Screen**
  A UST was removed from the north end of the east-west oriented truck canopy and no documentation pertaining to the UST or any potential releases or cleanup activities was available for review. In addition, the following ASTs have existed onsite: a 100,000- gallon fuel oil tank; 7,000-gallon machine lubricating oil tank; 550-gallon diesel fuel tank; two 275-gallon kerosene tanks; and one 600-gallon used oil tank. Soil and ground water quality in the vicinity of these tanks and associated underground piping system have not been assessed. Based on the lack of any

supporting closure or chemical analysis documentation, this historic presence of the aforementioned UST and ASTs are considered a potential vapor encroachment issue and a BER.

- **Section 3.5.4 Water Wells**
  During the site reconnaissance, three (3) former process water wells were observed on the site. According to Mr. Bob Iser, the wells were historically used to supply cooling water to the manufacturing processes. The construction and installation details of these wells have not been determined. These wells are no longer utilized on the site and are inactive; however, these wells do not appear to have been properly abandoned. The site currently utilizes municipal water for its daily uses.

- **Section 4.1.7 Releases or Potential Releases**
  A small quantity of solid waste debris was observed primarily near the southeastern boundary of the site in a partially-walled storage bay. This debris primarily consisted of, but was not limited to, pallets, chairs, paper rolls, and various household items and refuse. No chemicals or significant quantity of material that would be subject to USEPA Universal Waste regulations were observed. Although not a REC, this debris should be properly disposed.

Non-ASTM Scope Findings

- **Section 5.1 Asbestos-Containing Materials (ACMs)**
  Due to the age of the structure, ACMs may have historically been used at the property. According to Mr. Iser, ACMs were historically identified and removed from the structure; however, the report was not available for review. Suspect ACMs (SACMs) friable materials were observed during the site reconnaissance, including but not limited to, joint pipe insulation, window sill glazing, ceiling tiles and floor tiles.

- **Section 5.2 Lead-Based Paint (LBP)**
  The structure was constructed and maintained in times when LBP materials were still in use. Therefore, LBPs may potentially be present based solely on the age of the structure, and they may potentially have been covered with newer materials. According to Mr. Iser, a LBP survey has not been performed on the structure. Areas of deteriorated, flaking, and/or peeling paint were observed during the site reconnaissance.

- **Section 5.3 Radon**
  According to the EDR report, Mineral County is located within Radon Zone 1, where the indoor radon levels average greater than 4.0 pCi/L. Of the 222 sites assessed for radon in the site 26726 zip code area, the maximum radon level detected was 51.5 pCi/L and the minimum level was 1.1 pCi/L, with approximately 67% of sites tested meeting the USEPA screening level of 4.0 pCi/L. Site-specific radon testing was not conducted as part of this assessment.

- **Section 5.4 Mold**
  Significant water intrusion was observed in the basement of the structure. The standing water appeared to clear at the time of the site reconnaissance. Apparent mold growth and water damage

was observed along the flooring and walls of the basement. In addition, evidence of seepage and moisture intrusion was observed on walls in the basement of the structure. According to Mr. Iser, the AGCC facility has historically had groundwater intrusion into the basement of the structure.

- **Section 5.5 Wetland / Erosion and Soil Control Concerns**
  During the sire reconnaissance, an unnamed tributary of the North Branch of the Potomac River was observed in close proximity to the northern property boundary.

- **Section 5.6 All Other Concerns - Environmental Permitting**
  As an industrial facility, the site may be subject to NPDES or other permitting requirements.

9.0 OPINIONS

The site consists of approximately 29.4 acres of land within the Mineral County New Creek District. The site is located approximately one (1) mile northeast of the city of Keyser along the eastern side of the North Branch of the Potomac River and north of Glass Plant Access Road in Keyser, Mineral County, West Virginia. The main access/egress for the site is along Waxler Road, to the west of the structure. Three access driveways provide access to the warehouse loading docks and management office. Currently, the northern portion of the main structure is leased by VERSO as a warehouse for paper product bulk rolls and tube storage from Verso Paper Mill in Luke, MD. The leased portion of the structure includes a small office area, a break room, rest rooms, a maintenance area, and several truck loading/unloading bays.

Based on the information gathered and reviewed from the state and federal regulatory databases, historical sources, and our site visit and area reconnaissance, it is our professional opinion that seven (7) recognized environmental conditions (RECs), a *de minimis* condition, several business environmental risks (BERs), and several non-ASTM scope considerations were identified for the site. No controlled RECs (CRECs) or historical RECs (HRECs) were identified. There were no neighboring properties identified that currently appear to pose a high environmental risk. Based on the findings of this report, further work is warranted on the site, specifically a Phase II ESA.

10.0 CONCLUSIONS

THRASHER has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice 1527 of the site identified as the Former Anchor Glass Container Corporation located at 598 Waxler Road, Keyser, Mineral County, West Virginia. Any exceptions to, or deletions from this practice are described in Section 1.1.4 of this report. Based on the information gathered and reviewed from the state and federal regulatory databases, historical sources, and our site visit and area reconnaissance, it is our professional opinion that seven (7) recognized environmental conditions (RECs), a *de minimis*

condition, several business environmental risks (BERs), and several non-ASTM scope considerations were identified for the site. No controlled RECs (CRECs) or historical RECs (HRECs) were identified.

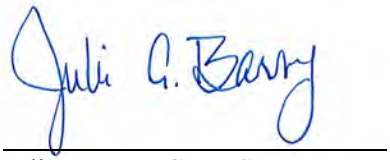
11.0 DECLARATIONS

We declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR Part 312.

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. A copy of qualifications of the Environmental Professionals is included as **Appendix J**.

The Thrasher Group, Inc.

Paige Gardner
Environmental Scientist I



Julie Barry, PG, LRS
Senior Environmental Scientist

12.0 REFERENCES

- ASTM Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, E1527 – 13, 2013.
- USEPA, Standards and Practices for All Appropriate Inquiries, Final Rule (40 CFR Part 312), 2005.
- ASTM User Questionnaire completed by Mr. Kevin Clark, (representative of the User, Mineral County Development Authority, February 20, 2017.
- Email Correspondence Ms. Jessica Henson, WVDEP, OER, February 8, 2017.
- Email Correspondence Mr. Jeff Gibson, WVDEP Environmental Enforcement – UST Unit, February 7, 2017.
- Email Correspondence Ms. Pamela Houston, WVDEP DWWM, March 1, 2017.
- Telephone Communication Mr. Luke McKenzie, Mineral County Office or Emergency Management, February 28, 2017.
- Mail Correspondence Mr. John DelSignore, Mineral County Health Department, February 14, 2017.
- EDR Aerial Photo Decade Package, EDR, February 6, 2017.
- EDR Historical Topographic Map Report, EDR, February 6, 2017.

- EDR Sanborn Map Report, EDR, February 6, 2017.
- The EDR-City Directory Image Report, EDR, February 6, 2017.
- EDR Radius Map with GeoCheck, EDR, February 6, 2017.
- Digital Courthouse Website: www.digitalcourthouse.com.
- Mineral County Assessor's Office, February 17, 2017.

13.0 ACRONYM GLOSSARY

ACMs	Asbestos Containing Materials
AGCC	Anchor Glass Container Corporation
AIRS	Aerometric Information Retrieval System
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
BER	Business Environmental Risk
CIS	Compliance Information System
COD	Chemical Oxygen Demand
CWA	Clean Water Act
CREC	Controlled Recognized Environmental Condition
DWWM	Division of Waste and Water Management
ECHO	Enforcement and Compliance History Information
EDR	Environmental Data Resources
ESA	Environmental Site Assessment
FIFRA	Federal Insecticide Fungicide Rodenticide Act
FINDS	Facility Index System
FOIA	Freedom of Information Act
GPS	Global Positioning System
HREC	Historical Recognized Environmental Condition
KIP	Keyser Industrial Park
LBP	Lead Based Paint
LUST	Leaking Underground Storage Tank
MCDA	Mineral County Development Authority
MD	Maryland
NLR	No Longer Regulated
NonGen	Non Generator
NPDES	National Pollutant Discharge Elimination System
NWI	National Wetland Inventory
OER	Office of Environmental Remediation
PCB	Polychlorinated Biphenyls
pCi/L	picoCuries per liter

PCS	Permit Compliance System
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
SACMs	Suspect Asbestos Containing Materials
THRASHER	The Thrasher Group, Inc.
TOC	Total Organic Carbon
TSCA	Toxic Substances Control Act
USGS	United States Geological Survey
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VEC	Vapor Encroachment Concern
VERSO	Verso Corporation
VOC	Volatile Organic Compound
WV	West Virginia
WVDEP	West Virginia Department of Environmental Protection

FIGURES

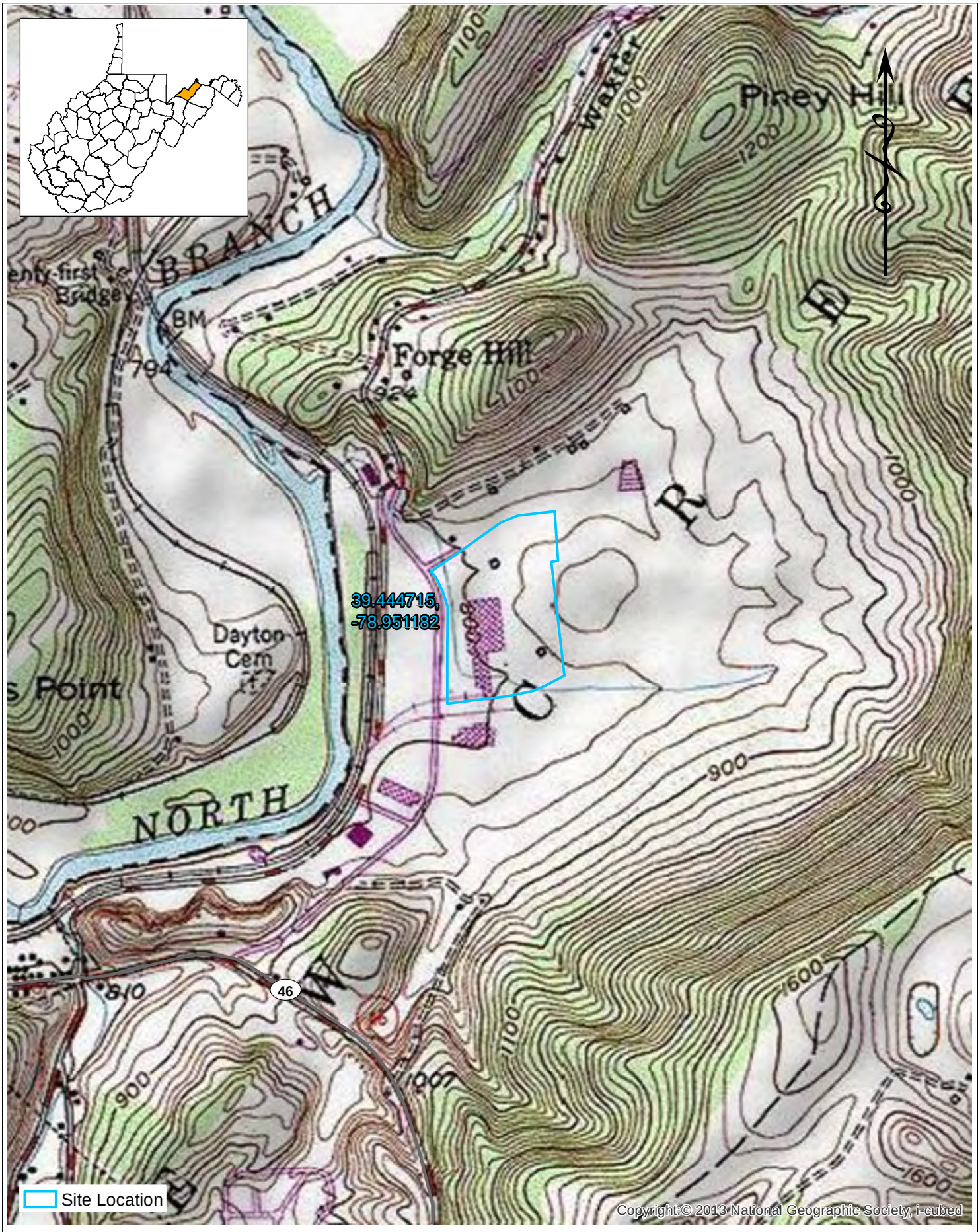


Figure 1: Site Location - Topo

Former Anchor Glass Container Coporation

598 Waxler Road, Keyser, Mineral County, West Virginia

1 inch = 1,000 feet

2/8/2017

THRASHER

By: Jbarry

Document Path: R:\070-0406 MCDA_ANCHOR GLASS_PHASE I\GIS\MXD's\Fig1_SiteLoc.mxd

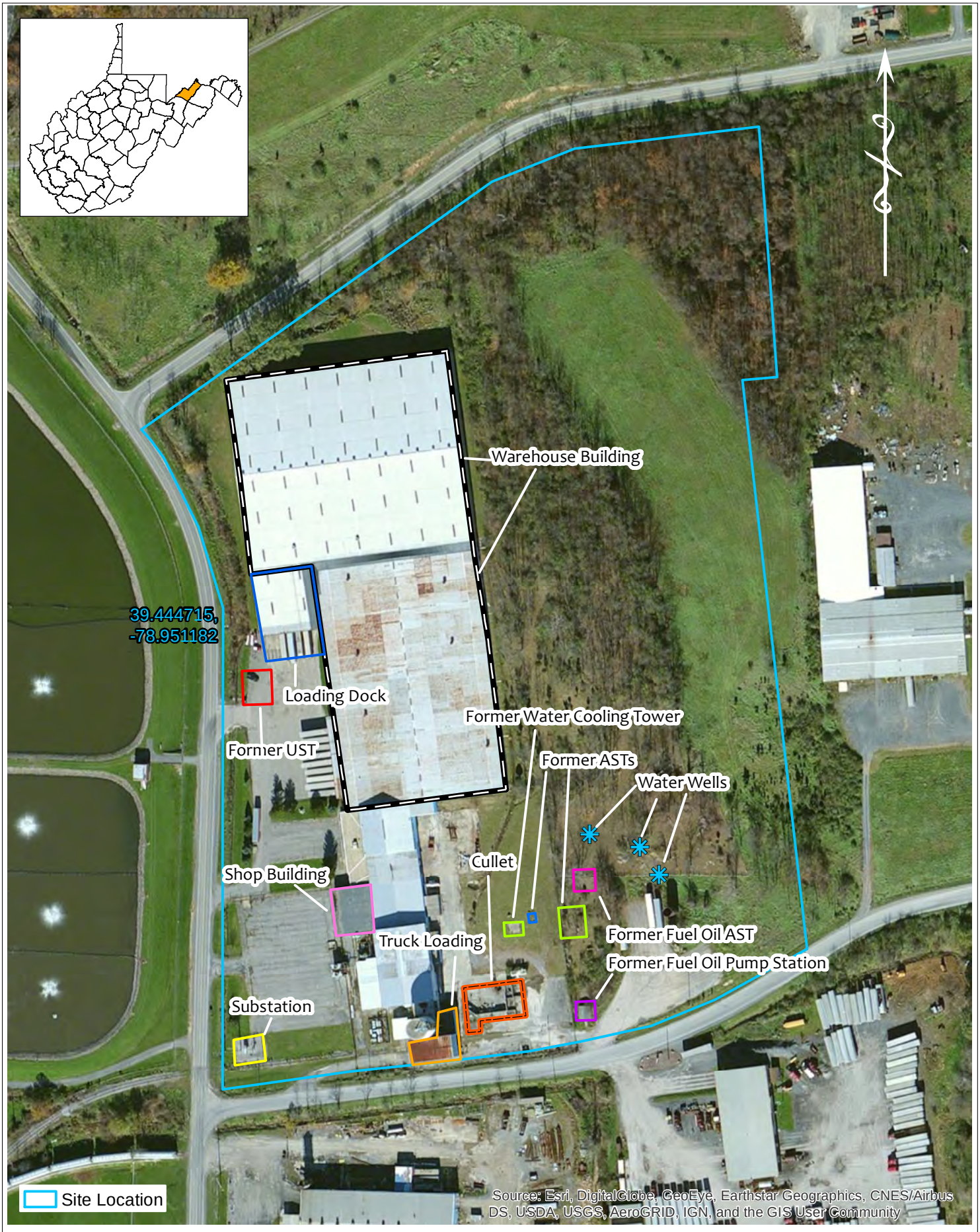


Figure 2: Site Location - Aerial

Former Anchor Glass Container Coporation

598 Waxler Road, Keyser, Mineral County, West Virginia

THRASHER

1 inch = 200 feet

3/3/2017

Document Path: R:\070-0406 MCDA_ANCHOR GLASS_PHASE I\GIS\MXD's\Fig2_SiteLoc.mxd

By: jwilcox

APPENDIX A – Legal Description

Search By District, Map, and Parcel

County: 29 Mineral **District:** 6 **Map:** 9 **Parcel:** 9 **SubParcel:** 3 **Tax Year:** 2016 **Date:** 2/6/2017

Dist Name	Dist	Map	Parcel	Owner	Care of	Address	Loc	Book	Page	Legal Desc	Class	Sale Date	Apr Min	Apr Land	Apr Build	Apr Total	Prop Tax
NEW CREEK	6	9	9.3	ARDAGH GLASS CONTAINERS INC	TAX DEPARTMENT	PO BOX 4200 , MUNCIE , IN 47307		360	514	18.48AC WAXLER RD ALKIRE LD	3		$217	$187,400	$1,597,900	$1,785,517	$25,578.60

First | Previous | 1 | Next | Last

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Search By District, Map, and Parcel

County: 29 Mineral **District:** 6 **Map:** 9 **Parcel:** 9 **SubParcel:** 4 **Tax Year:** 2016 **Date:** 2/6/2017

Dist Name	Dist	Map	Parcel	Owner	Care of	Address	Loc	Book	Page	Legal Desc	Class	Sale Date	Apr Min	Apr Land	Apr Build	Apr Total	Prop Tax
NEW CREEK	6	9	9.4	ARDAGH GLASS CONTAINERS INC	TAX DEPARTMENT	PO BOX 4200 , MUNCIE , IN 47307		360	514	7.68AC WAXLER RD-ALKIRE LD	3		$100	$25,600		$25,700	$368.17

First | Previous | 1 | Next | Last

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Search By District, Map, and Parcel

County: 29 Mineral **District:** 6 **Map:** 9 **Parcel:** 9 **SubParcel:** 10 **Tax Year:** 2016 **Date:** 2/6/2017

Dist Name	Dist	Map	Parcel	Owner	Care of	Address	Loc	Book	Page	Legal Desc	Class	Sale Date	Apr Min	Apr Land	Apr Build	Apr Total	Prop Tax
NEW CREEK	6	9	9.10	ARDAGH GLASS CONTAINERS INC	TAX DEPARTMENT	PO BOX 4200 , MUNCIE , IN 47307		360	514	3.26AC ES/WAXLER RD-ALKIRE LD INDUSTRIAL PARK	3		$50	$26,100		$26,150	$374.61

First | Previous | 1 | Next | Last

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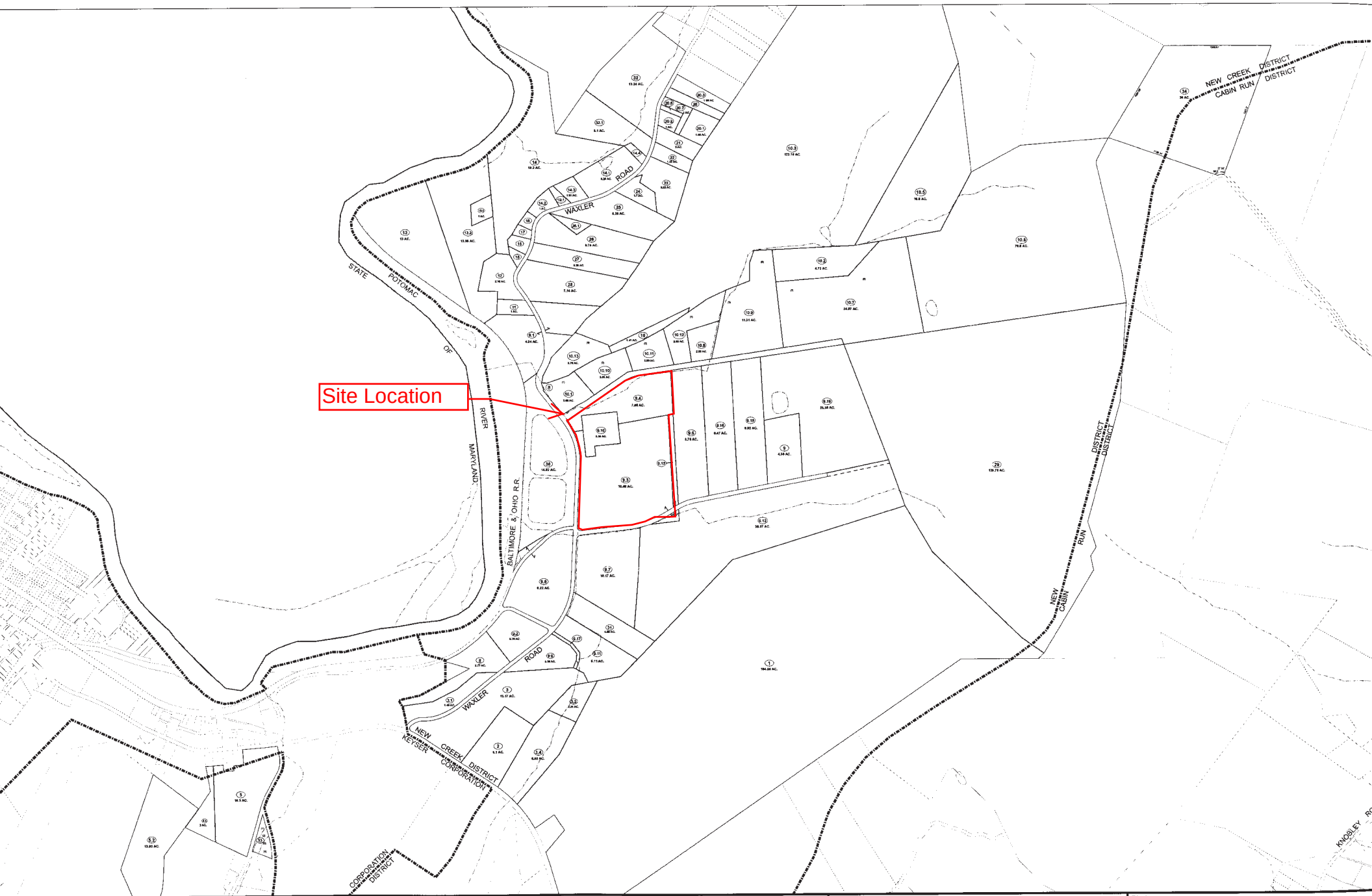

or Tax Purposes Only

x map is a copy of the Assessor's record and the reproduction, g, distribution or sale of such tax or any copies thereof without the permissions of the County nor is prohibited.

N

Legend

- Water
- Property
- Railroad Right of Way
- Road Easement
- Road Right of Way
- District Boundary

Deed Ref Number (18)
Parcel ID Number (9.3)
Route Number (9)

Revisions

1		7	
2		8	
3		9	
4		10	
5		11	
6		12	

	5	
8	9	
	13	

MINERAL COUNTY

STATE OF WEST VIRGINIA

Office of Assessor

For Tax Purposes Only

District
NEW CREEK

SHEET NO: 9

Date, Aerial Photography: _____
Photo No: _____

Date, Map _____
Scale 1" = 400'

SHEARMAN & STERLING LLP
599 LEXINGTON AVE
NEW YORK , NY 10022-

MINERAL County
Instrument No
Date Recorded
Document Type
Pages Recorded
Book-Page
Recording Fee
Additional

This instrument was prepared by:

Shearman & Sterling LLP
599 Lexington Avenue
New York, New York 10022
Attention: Malcolm K. Montgomery, Esq.
File #37006-00029

I affirm, under penalties for perjury, that I have taken reasonable care to redact each Social Security number in this document, unless required by law. Malcolm K. Montgomery, Esq.

THIS DEED, made as of the first day of March, 2014, between **Ardagh Glass Inc.**, Grantor, and **Ardagh Glass Containers Inc.**, Grantee.

WITNESSETH

That for and in consideration of good and valuable consideration, the Grantor hereby bargains, sells, grants and conveys to the Grantee, with GENERAL WARRANTY OF TITLE, the following land, located in Mineral County, West Virginia:

DESCRIPTION

[See attached Exhibit A.]

DECLARATION OF CONSIDERATION OR VALUE

Under the penalties of fine and imprisonment as provided by law, the undersigned Grantor does hereby declare that this transaction is exempt from the excise tax on the transfer of real estate in West Virginia in that it is a transaction value is less than $100.00.

The undersigned Grantor further declares under the penalties of perjury that the consideration payable on this transfer is zero, and that said Grantor is therefore exempt from the requirement of withholding tax under West Virginia Code §11-21-71b.

[Signature Page Follows]

WITNESS the following signatures and seals:

ARDAGH GLASS INC., a Delaware corporation

Name: JAMES P. WARNER
Title: General Counsel + Sec

STATE OF Florida

COUNTY OF Hillsborough

The foregoing instrument was acknowledged before me by James P. Warner this 15th day of ~~March~~ April, 2014.

Patricia DeCambra
Notary Public

My Commission expires: 9/25/2014

PATRICIA DECAMBRA
MY COMMISSION # EE 023797
EXPIRES: September 25, 2014
Bonded Thru Budget Notary Services

Exhibit A
Legal Description

All the following described real estate, with the improvements and appurtenances thereunto belonging, situate in the New Creek District, Mineral County, West Virginia, being more particularly described as follows, to-wit:

TRACT 1: BEGINNING at an iron pipe 40 feet left of and at right angles to the center line station 33+31.65 of project 8417 c State Road 46/8; and running thence, North 89° 45' East 606.33 feet, along the north right of way line of an access road, to iron pipe; thence, South 86° 37' East 375.79 feet, still along said access road right of way line, to an iron pipe; thence, North 23' East 975.00 feet, still along said access road right of way line, to an iron stake 25 feet left of and at right angles to cente line station 10 + 00 of said access road; thence, by new division line, South 85° 03' West 941.83 feet to an iron pipe in the e right of way line of said project 8417, said pipe being located 40 feet right of and at right angles to center line station 42 + 0(project 8417; thence, by a curve to the right, radius 612.96 feet, for 202.73 feet, long chord, South 0° 44' East, 201.68 feet, an iron pipe 40 feet right of and at right angles to center line station 40 + 10.47, a point of curve; thence, following the east r of way line of project 8417, South 8° 45' West 678.82 feet to the beginning, containing 19.829 acres, more or less, and bein the same real estate conveyed to Keyser Glass Container Co., Inc., by Mineral County Industrial Development Corporation, corporation, by Deed dated March 18, 1970, acknowledged March 18, 1970, and recorded on March 18, 1970, in the Office the Clerk of the County Commission of Mineral County, West Virginia, in Deed Book No. 171, at Page 293.

TRACT II: BEGINNING at an iron pipe in the east right of way line of State Road 46/8, Project No. 8417, 50 feet right of and right angles to center line station 42 + 00, and running North 85° 3' East 941.83 feet, along the north property line of a tract land recently conveyed by Mineral County Industrial Development Corporation, a corporation, to Keyser Glass Container, C Inc., a corporation, to an iron pipe; thence, by a new division line, North 3° 23" East 493.81 feet to an iron pipe in a wire fen a property line of the entire tract of which the tract herein described is a part; thence, along said fence, South 87° 54' West 388.87 feet to a cedar post, an original corner of the entire tract; thence, South 62° 22' West 746.00 feet to an iron pipe, nea P.E. Power Pole No. M. 64645, 40 feet right of and at right angles to center line Station 44 + 15.47 of Project No. 8417; ther by a curve to the right, radius 612.96 feet, for 230.51 feet, long chord, South 20° 59' East 229.16 feet, to the beginning, containing 9.6 acres, and being the same real estate conveyed to Keyser Glass Container Co., Inc., by Mineral County Industrial Development Corporation, a corporation, by Deed dated June 16, 1971, acknowledged June 16, 1971, and record on July 16, 1971, in the aforesaid Clerk's Office in Deed Book No. 177, Page 308.

TRACT III: That certain parcel of real estate lying and being on the east side of the Waxler Road, West Virginia Secondary Route 8, in the Industrial Park of New Creek District, Mineral County, West Virginia, conveyed by the City of Keyser, a municipal corporation, to Anchor Glass Container Corporation, a Delaware corporation, by Deed dated January 22, 1992, a recorded in the aforesaid Clerk's Office in Deed Book No. 267, at Page 62, bounded and described as follows:

BEGINNING at a point located South 28° 14' West 335.23 feet from a cedar post at the end of the 3rd line of Keyser Glass Container Co., Inc., 9.6 acres tract, (Deed Book No. 177, at Page 308), a part of which is contained herein thence by divisio lines running parallel to and 20 feet from the outside wall of a new building South 00° 27' East 330.00 feet to a point in line v the outside wall of the existing building; thence South 89° 33' West 20 feet to the Northeast corner of the existing building, same course continued with the outside wall of the North end of said building, for 250.0 feet, in all 270.0 feet, to the Northwe corner of the existing building; thence with the outside wall of the west side of the existing building South 00° 27' East 110.0 feet to a point 20 feet South of the intersection of the new building with the existing building; thence by division lines parallel and 20 feet from the outside walls of the new building South 89° 33' West 120.0 feet; thence North 00° 27' West 440.0 feet; thence North 89° 33' East 390.0 feet to the place of the beginning, containing 3.26 acres, more or less, a plat of which is recorded in the Office of the Clerk of the County Commission of Mineral County, West Virginia, in Deed Book No. 203, at pa 205.

State of West Virginia, Mineral County, to-w
Be it remembered that on this 16
day of May 2014. Th
foregoing Deed wa
presented in the Office of the Clerk of Coun
Commission and admitted to record.
Lauren T. P. Ellifritz
Clerk of County Commission

APPENDIX B – EDR Aerial Photo Decade Package

Former Anchor Glass
598 Waxler Road
Keyser, WV 26726

Inquiry Number: 4845930.9
February 06, 2017

The EDR Aerial Photo Decade Package

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

EDR Aerial Photo Decade Package

02/06/17

Site Name:

Former Anchor Glass
598 Waxler Road
Keyser, WV 26726
EDR Inquiry # 4845930.9

Client Name:

Thrasher Engineering, Inc.
300 Association Drive
Charleston, WV 25311
Contact: Julie Barry

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

Search Results:

Year	Scale	Details	Source
2011	1"=500'	Flight Year: 2011	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2007	1"=500'	Flight Year: 2007	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1999	1"=750'	Flight Date: April 25, 1999	USGS
1996	1"=750'	Flight Date: April 18, 1996	USGS
1989	1"=500'	Acquisition Date: April 24, 1989	USGS/DOQQ
1973	1"=500'	Flight Date: September 09, 1973	USGS
1971	1"=750'	Flight Date: March 27, 1971	USGS
1966	1"=500'	Flight Date: March 16, 1966	USGS
1960	1"=500'	Flight Date: July 09, 1960	USGS
1947	1"=500'	Flight Date: March 31, 1947	USGS

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EDR

INQUIRY #: 4845930.9
YEAR: 2009
= 500'
N
EDR

INQUIRY #: 4845930.9
YEAR: 2007
= 500'
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EDR

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YEAR: 2005
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EDR

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YEAR: 1999
= 750'
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EDR

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YEAR: 1996
= 750'
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EDR

INQUIRY #: 4845930.9
YEAR: 1989
= 500'
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EDR

INQUIRY #: 4845930.9

YEAR: 1973

= 500'

N

EDR

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YEAR: 1971
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EDR

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YEAR: 1966
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EDR

INQUIRY #: 4845930.9
YEAR: 1960
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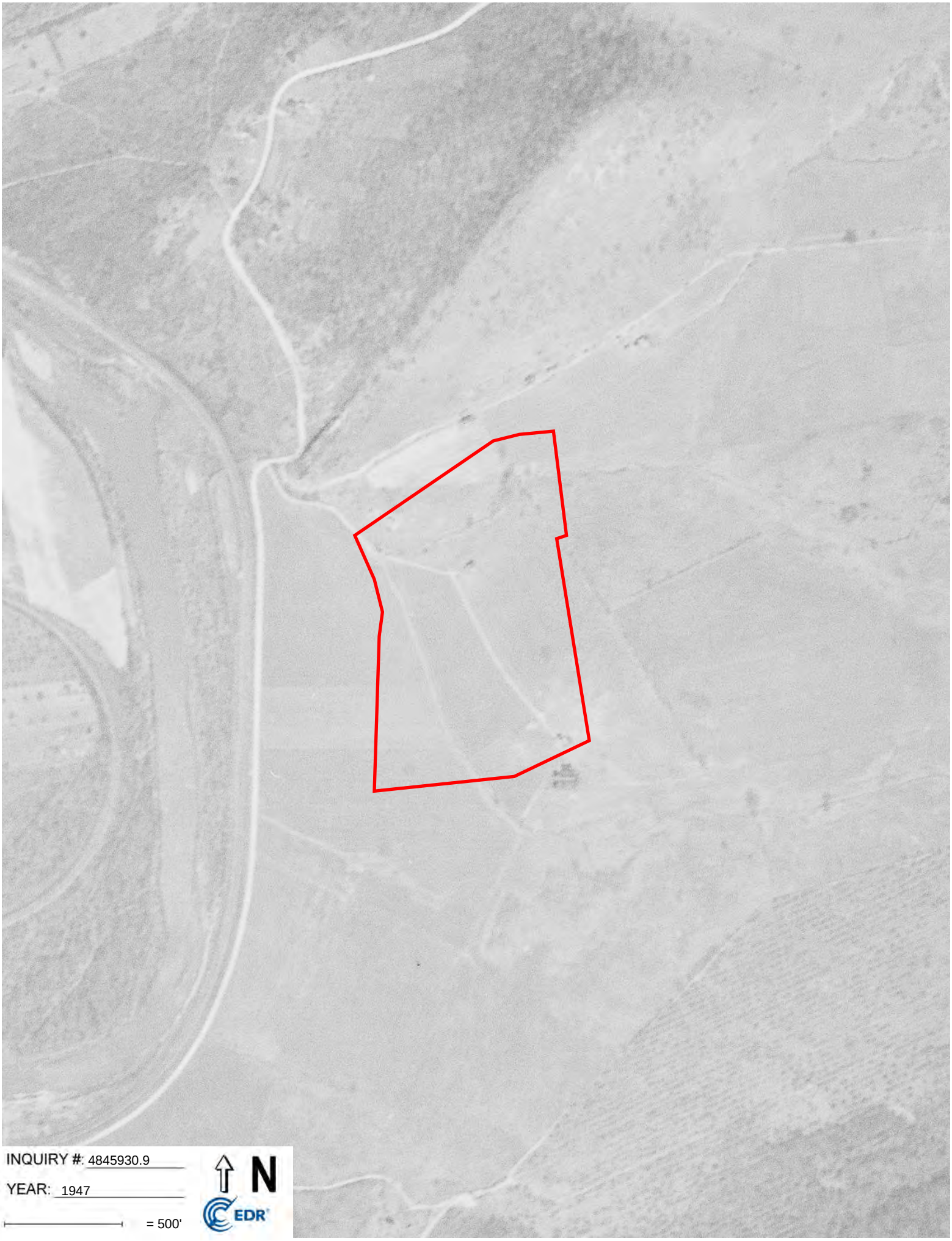
EDR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YEAR: 1947
= 500'
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EDR

APPENDIX C – EDR Historical Topographic Map Report

Former Anchor Glass
598 Waxler Road
Keyser, WV 26726

Inquiry Number: 4845930.4
February 06, 2017

EDR Historical Topo Map Report

with QuadMatch™

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

EDR Historical Topo Map Report

02/06/17

Site Name:

Former Anchor Glass
598 Waxler Road
Keyser, WV 26726
EDR Inquiry # 4845930.4

Client Name:

Thrasher Engineering, Inc.
300 Association Drive
Charleston, WV 25311
Contact: Julie Barry

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

Search Results:

P.O.# 101-070-0406
Project: Former Anchor Glass

Coordinates:

Latitude:	39.444508 39° 26' 40" North
Longitude:	-78.951697 -78° 57' 6" West
UTM Zone:	Zone 17 North
UTM X Meters:	676258.35
UTM Y Meters:	4368108.13
Elevation:	790.70' above sea level

Maps Provided:

2014	1891
1974	
1951	
1950	
1949	
1922	
1921	
1920	

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Topo Sheet Key

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

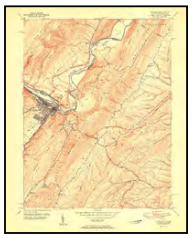
2014 Source Sheets

Keyser
2014
7.5-minute, 24000

1974 Source Sheets

Keyser
1974
7.5-minute, 24000
Aerial Photo Revised 1974

1951 Source Sheets



Keyser
1951
7.5-minute, 24000
Aerial Photo Revised 1947

1950 Source Sheets

Keyser
1950
7.5-minute, 25000
Aerial Photo Revised 1947

Topo Sheet Key

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

1949 Source Sheets

Keyser
1949
7.5-minute, 24000
Aerial Photo Revised 1947

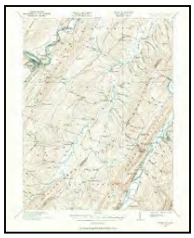
1922 Source Sheets

Keyser
1922
15-minute, 62500

1921 Source Sheets

Keyser
1921
15-minute, 48000

1920 Source Sheets



Keyser
1920
15-minute, 62500

Topo Sheet Key

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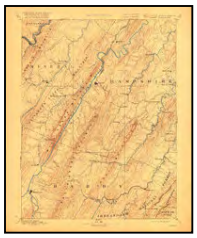
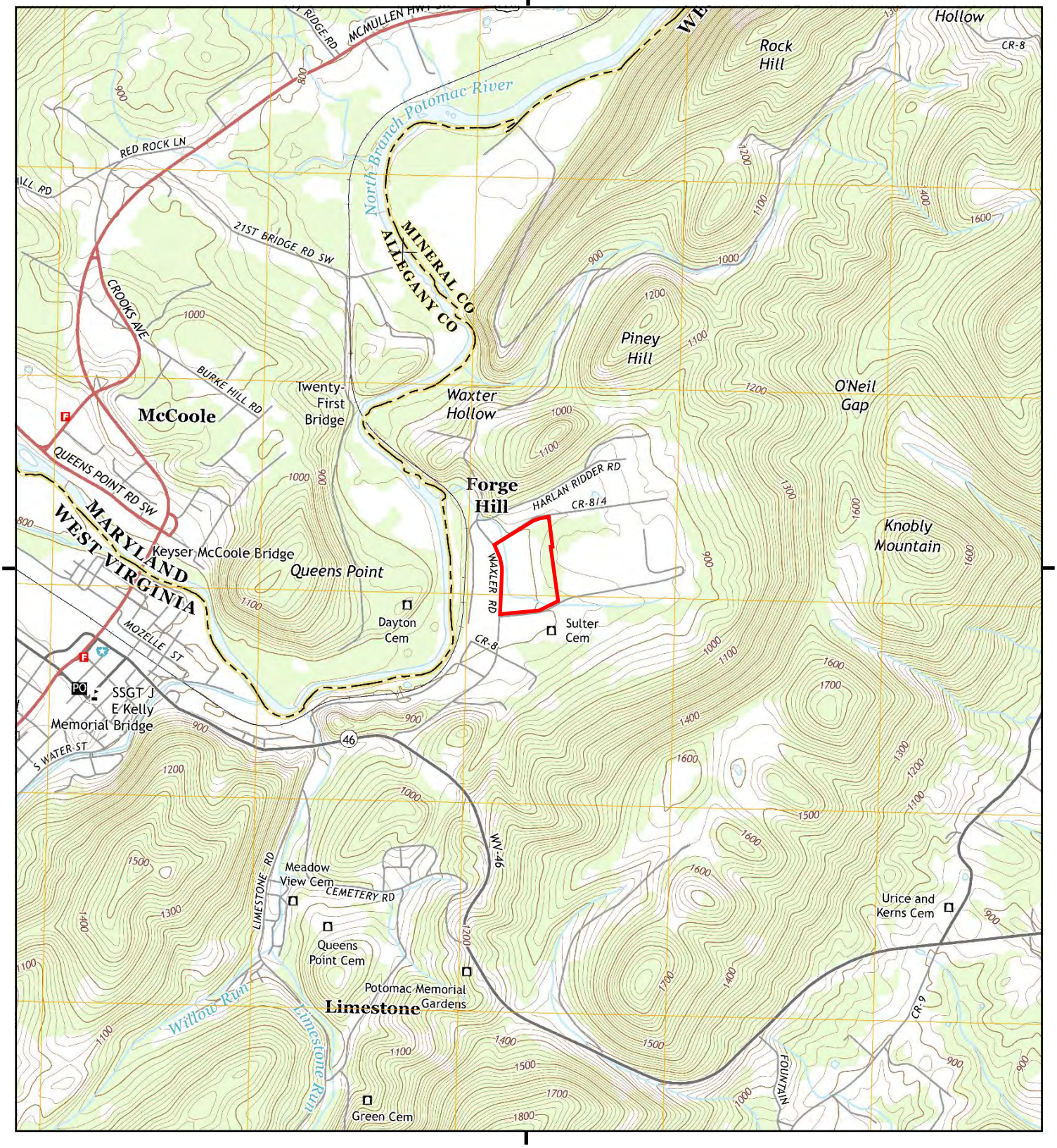
1891 Source Sheets



Romney
1891
30-minute, 125000

Historical Topo Map

2014



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

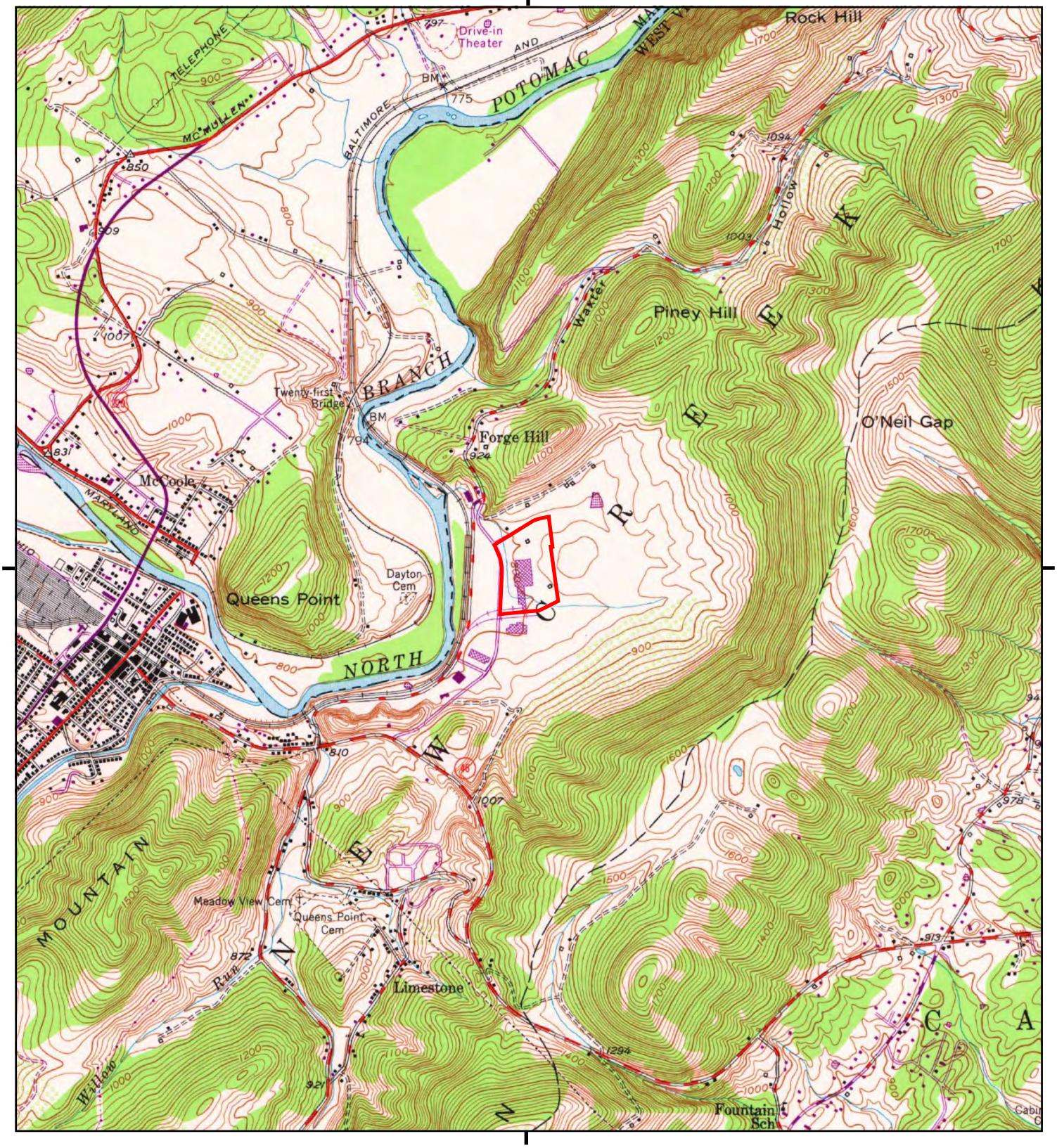
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Keyser, 2014, 7.5-minute

SITE NAME: Former Anchor Glass
ADDRESS: 598 Waxler Road
Keyser, WV 26726
CLIENT: Thrasher Engineering, Inc.

N



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

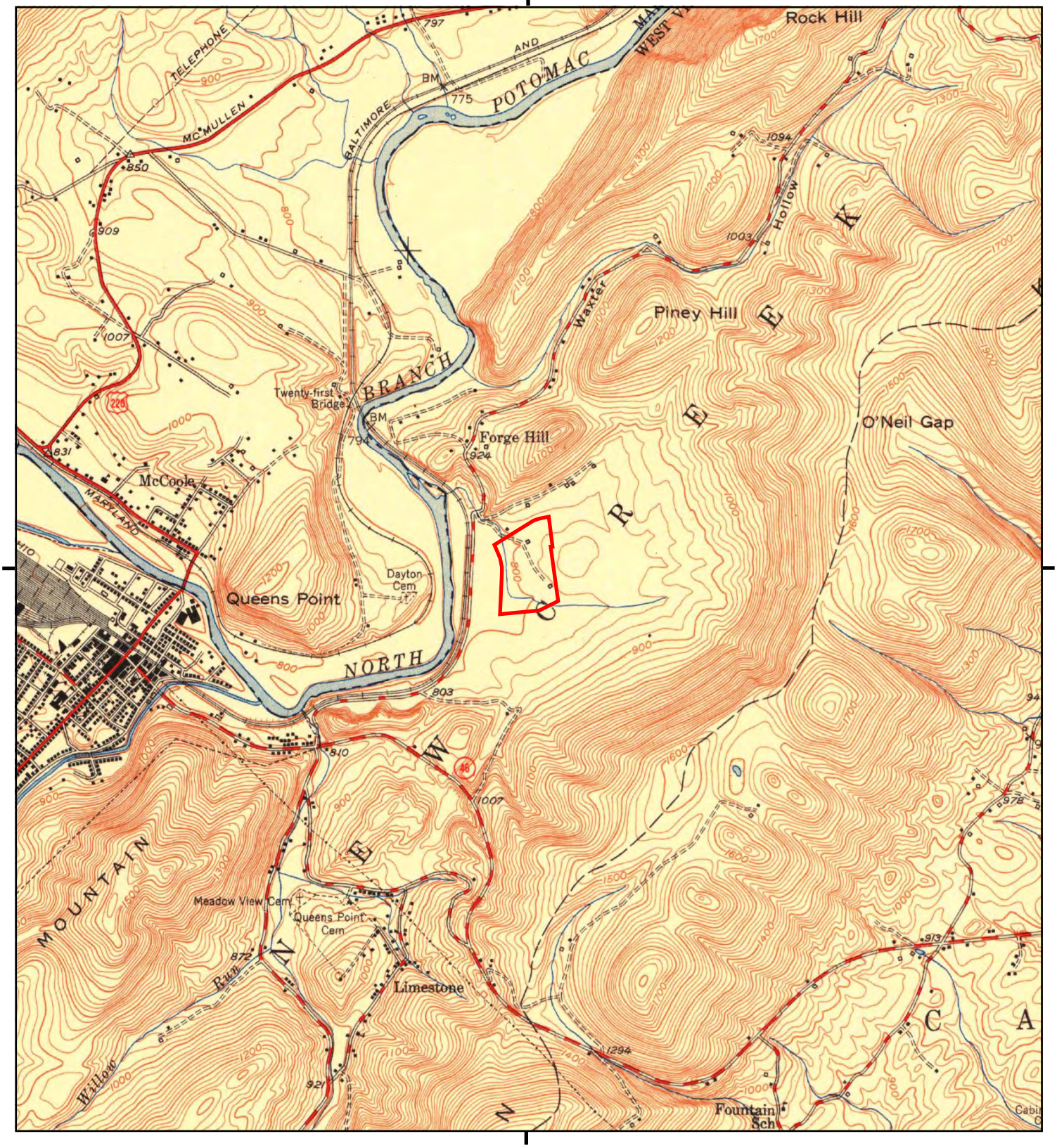
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Keyser, 1974, 7.5-minute

SITE NAME: Former Anchor Glass
ADDRESS: 598 Waxler Road
Keyser, WV 26726
CLIENT: Thrasher Engineering, Inc.

N



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

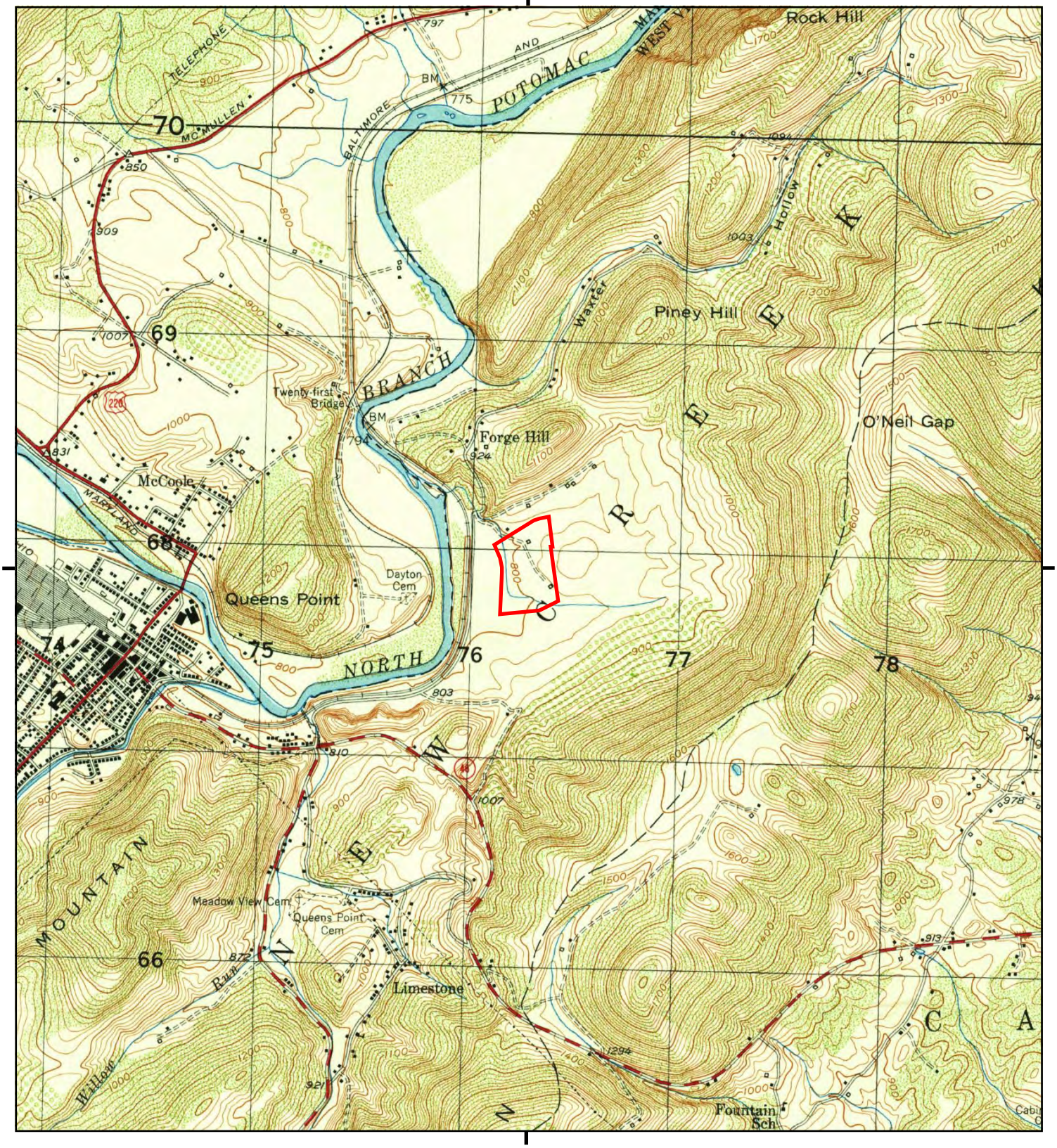
TP, Keyser, 1951, 7.5-minute

SITE NAME: Former Anchor Glass
ADDRESS: 598 Waxler Road
Keyser, WV 26726
CLIENT: Thrasher Engineering, Inc.

N

Historical Topo Map

1950



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

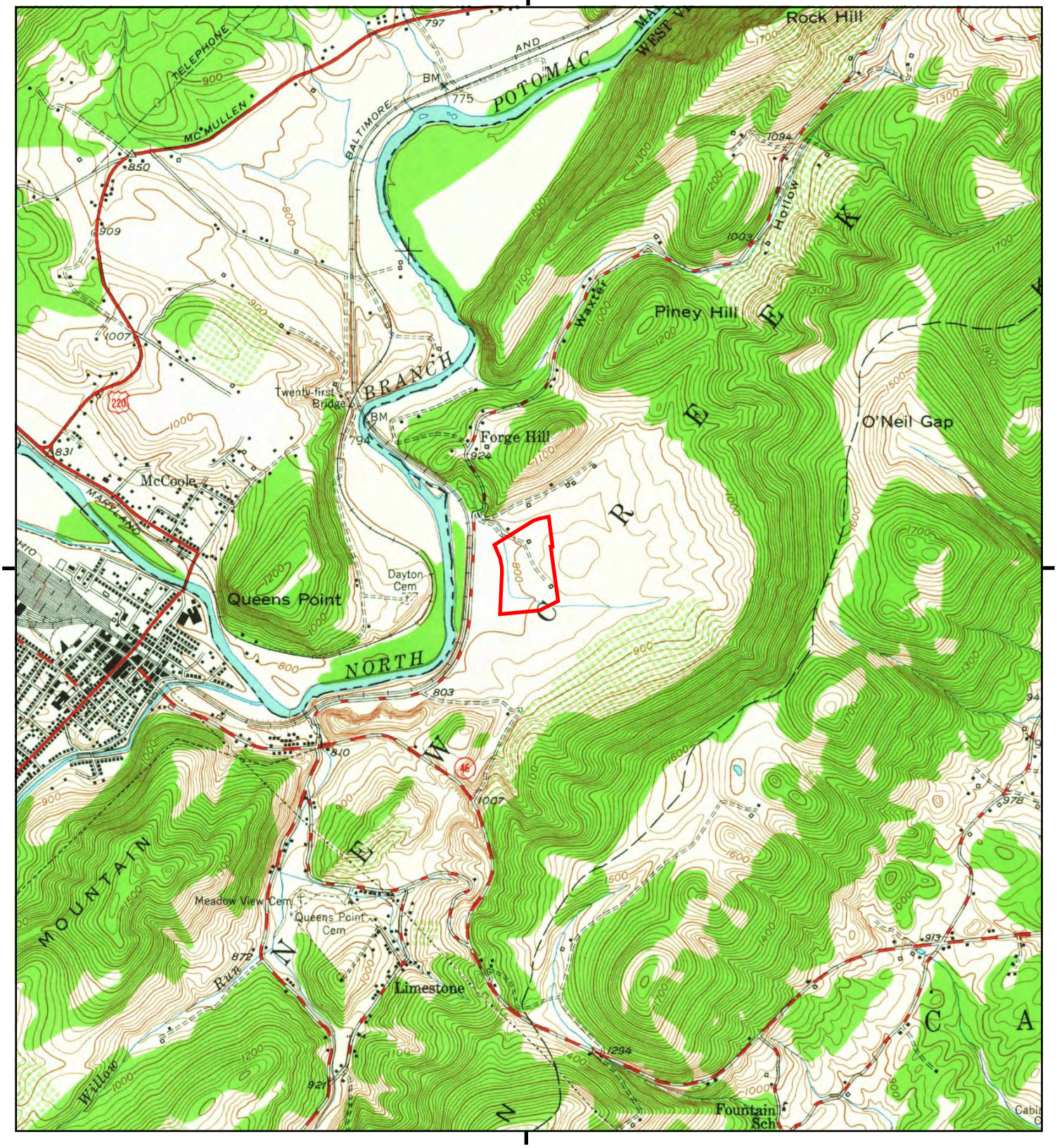
TP, Keyser, 1950, 7.5-minute

SITE NAME: Former Anchor Glass
ADDRESS: 598 Waxler Road
Keyser, WV 26726
CLIENT: Thrasher Engineering, Inc.

N

Historical Topo Map

1949



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

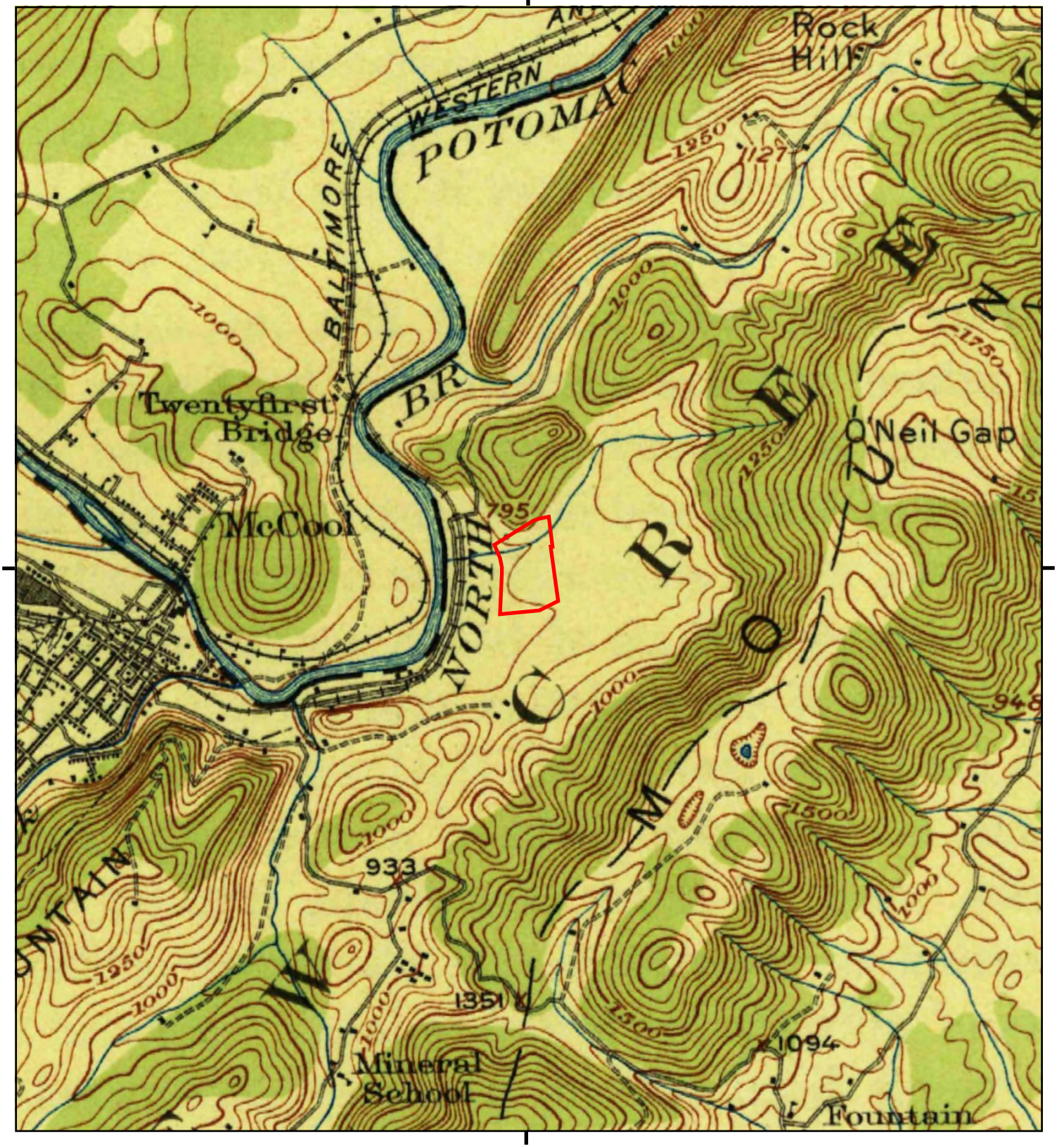
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Keyser, 1949, 7.5-minute

SITE NAME: Former Anchor Glass
ADDRESS: 598 Waxler Road
Keyser, WV 26726
CLIENT: Thrasher Engineering, Inc.

N



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

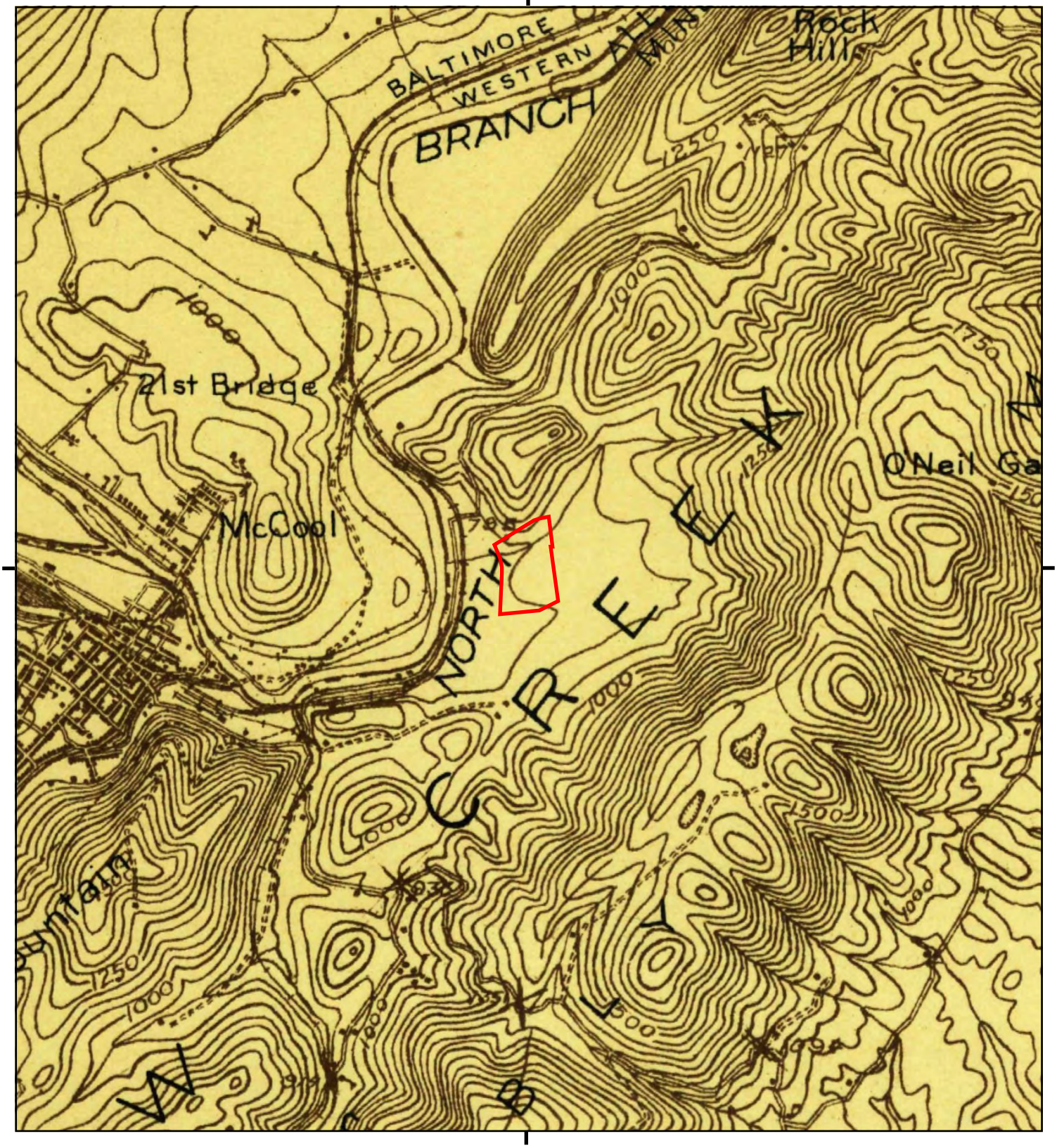
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Keyser, 1922, 15-minute

SITE NAME: Former Anchor Glass
ADDRESS: 598 Waxler Road
Keyser, WV 26726
CLIENT: Thrasher Engineering, Inc.

N



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

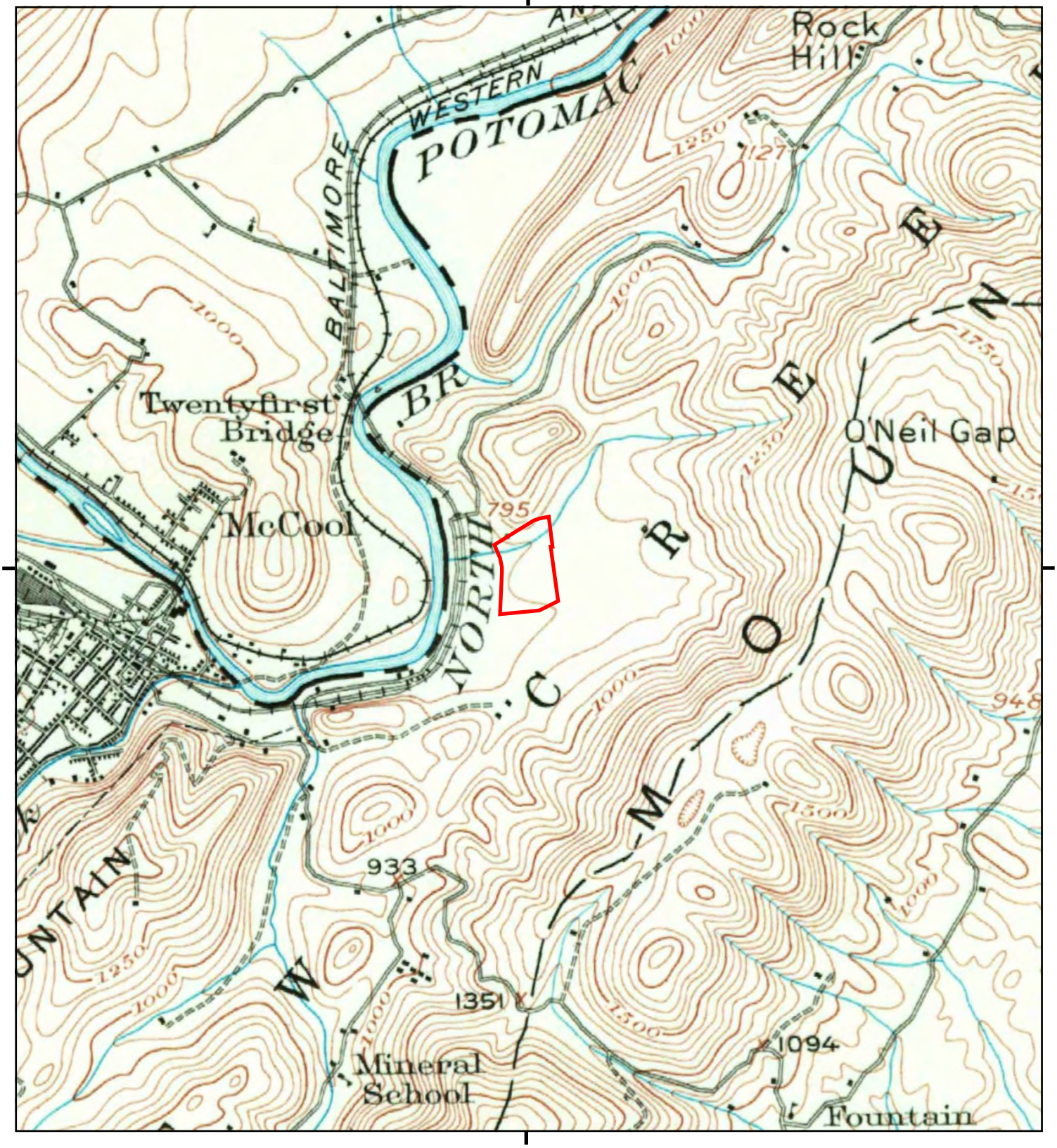
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Keyser, 1921, 15-minute

SITE NAME: Former Anchor Glass
ADDRESS: 598 Waxler Road
Keyser, WV 26726
CLIENT: Thrasher Engineering, Inc.

N



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

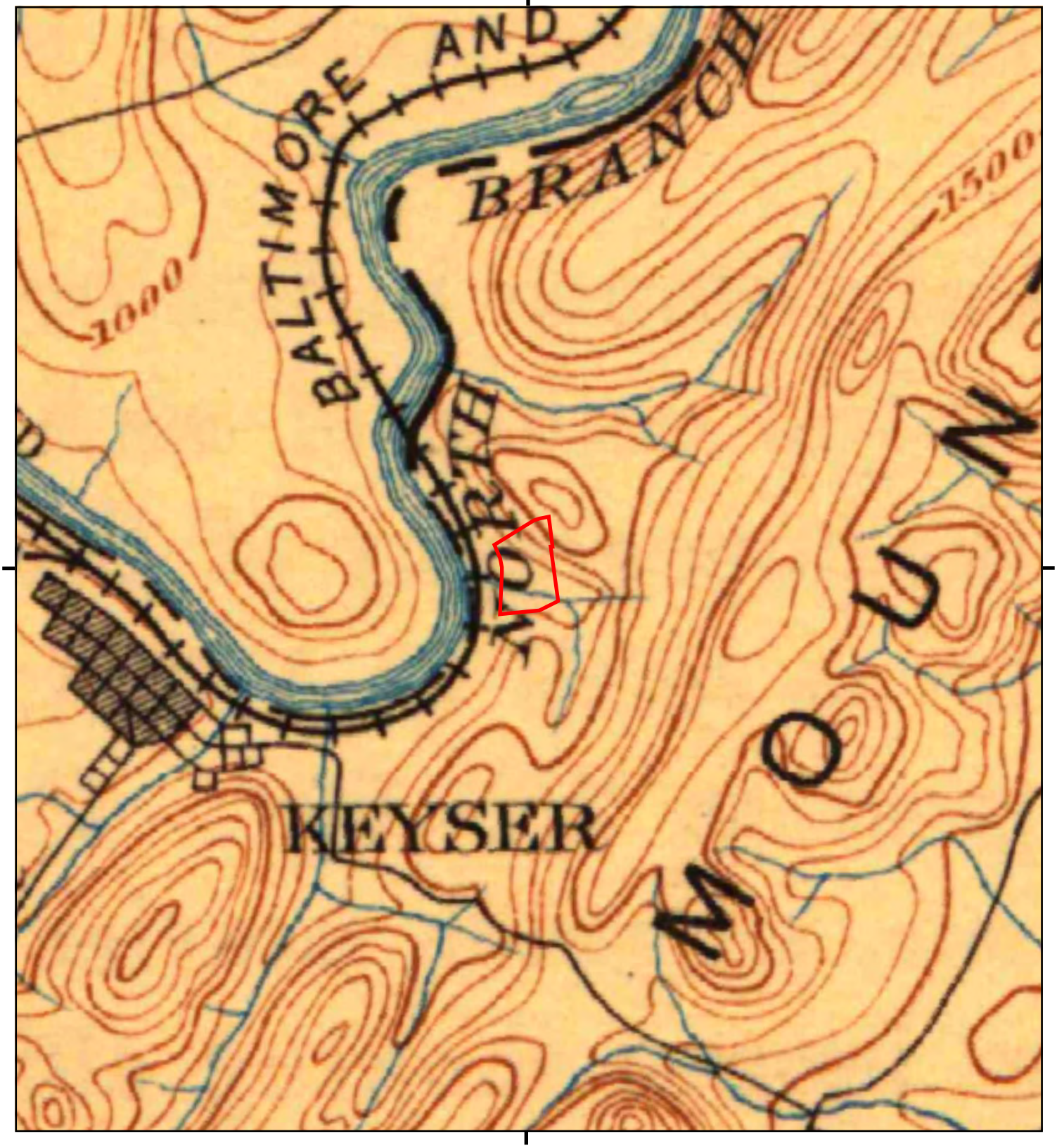
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Keyser, 1920, 15-minute

SITE NAME: Former Anchor Glass
ADDRESS: 598 Waxler Road
Keyser, WV 26726
CLIENT: Thrasher Engineering, Inc.

N



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Romney, 1891, 30-minute

SITE NAME: Former Anchor Glass
ADDRESS: 598 Waxler Road
Keyser, WV 26726
CLIENT: Thrasher Engineering, Inc.

N

APPENDIX D – EDR Certified Sanborn Map Report

Former Anchor Glass
598 Waxler Road
Keyser, WV 26726

Inquiry Number: 4845930.3
February 06, 2017

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

02/06/17

Site Name:

Former Anchor Glass
598 Waxler Road
Keyser, WV 26726
EDR Inquiry # 4845930.3

Client Name:

Thrasher Engineering, Inc.
300 Association Drive
Charleston, WV 25311
Contact: Julie Barry

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

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

Certified Sanborn Results:

Certification # DD07-42E7-943F

PO # 101-070-0406

Project Former Anchor Glass

UNMAPPED PROPERTY

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

Sanborn® Library search results

Certification #: DD07-42E7-943F

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

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

The Sanborn Library LLC Since 1866™

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APPENDIX E – EDR City Directory Image Report

Former Anchor Glass
598 Waxler Road
Keyser, WV 26726

Inquiry Number: 4845930.5
February 06, 2017

The EDR-City Directory Image Report

Environmental Data Resources Inc

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

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Findings

City Directory Images

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Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

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

RESEARCH SUMMARY

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

Year	Target Street	Cross Street	Source
2013	☑	☐	Cole Information Services
2008	☑	☐	Cole Information Services
2003	☑	☐	Cole Information Services
1999	☑	☐	Cole Information Services
1995	☑	☐	Cole Information Services
1992	☐	☐	Polk's City Directory
1987	☐	☐	Polk's City Directory
1983	☐	☐	Polk's City Directory
1978	☐	☐	Polk's City Directory
1973	☐	☐	Polk's City Directory
1968	☐	☐	Polk's City Directory
1963	☐	☐	Polk's City Directory

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FINDINGS

TARGET PROPERTY STREET

598 Waxler Road
Keyser, WV 26726

Year	*CD Image*	*Source*	
WAXLER RD			
2013	pg A1	Cole Information Services	
2008	pg A2	Cole Information Services	
2003	pg A3	Cole Information Services	
1999	pg A4	Cole Information Services	
1995	pg A6	Cole Information Services	
1992	-	Polk's City Directory	Target and Adjoining not listed in Source
1987	-	Polk's City Directory	Street not listed in Source
1983	-	Polk's City Directory	Street not listed in Source
1978	-	Polk's City Directory	Street not listed in Source
1973	-	Polk's City Directory	Street not listed in Source
1968	-	Polk's City Directory	Street not listed in Source
1963	-	Polk's City Directory	Street not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	Cole Information Services

WAXLER RD 2013

1 ALLEGANY AGGREGATES INC
ALLEGANY CONCRETE DIVISON OF FAIRFAX
BELT PAVING
QUARRY RIDGE ASPHALT

Target Street	Cross Street	Source
✓	-	Cole Information Services

WAXLER RD 2008

0	CHARLES FEASTER
	JEFF BROADWATER
	JEFFERY BEATTY
	JOSEPH BOYLE
	KEITH MARKLE
	LANCE BELL
	LARRY EVERETT
	MARSHA LYNN
	NEIL GRAPES
	ORAL MARKLE
	PATTI TWIGG
	REBECCA THORNE
	ROBERT DAWSON
	ROBIN BARBE
	STEVEN HARMNA
	STEVEN MALOVANY
	T MALONE
	TOM SUTER

Target Street	Cross Street	Source
✓	-	Cole Information Services

WAXLER RD 2003

0	ARNOLD COOK
	BERNARD BRUCE
	BERNARD SHILLINGBURG
	DENA GORDON
	DONALD MYERS
	ED MELOTTI
	ERIC LYNAM
	ESTEN MYERS
	GEORGE LANIGAN
	JARRET SPENCE
	JEFFERY BEATTY
	JOSEPH BOYLE
	KEITH MARKLE
	LARRY EVERETT
	LUCINDA DANTE
	MARK DELSIGNORE
	MARSHA LYNN
	MICHAEL DIEHL
	NEIL GRAPES
	ORAL MARKLE
	RAY KING
	ROB FAZZALORE
	ROBERT DAWSON
	ROBERT ISER
	RONALD WEBER
	RUSSELL BEATTY
	STEVEN HARMNA
	TINA BOWMAN
	TOM HARTMAN
	TOM SUTER
	W MARTIN
	WILLIAM ISER
	WILLIAM KUHLMAN

Target Street	Cross Street	Source
✓	-	Cole Information Services

WAXLER RD 1999

0	ALLEN DOLLY
	ANNA ISER
	ARNOLD COOK
	BERNARD BRUCE
	BERNARD SHILLINGBURG
	C MYERS
	CARL BLIZZARD
	CARL THOMPSON
	CHARLES BRAITHWAITE
	CHARLES FEASTER
	DANIEL RADKO
	DENA GORDON
	DONALD MYERS
	DONNA FEASTER
	ED MELOTTI
	ERIC LYNAM
	ESTEN MYERS
	G ASHBY
	GEORGE LANIGAN
	HAROLD SNYDER
	INEZ DOLLY
	J DIEHL
	JAMES MONGOLD
	JARRET SPENCE
	JASON RAVENSCROFT
	JOAN HARTMAN
	KEITH MARKLE
	KENNETH MARKLE
	L WATSON
	LARRY EVERETT
	LUCINDA DANTE
	MARCHIE DOLLY
	MARSHA LYNN
	MARY MARKLE
	MICHAEL DIEHL
	ORAL MARKLE
	P SUTER
	R NILAND
	R WEBER
	RICHARD ROBY
	ROB FAZZALORE
	ROBERT DAWSON
	ROBERT DEFFENBAUGH
	ROBERT ISER
	ROBERT NAYLOR
	ROGER HAMMONS
	RUSSELL BEATTY
	STEVEN HARMNA
	TOM SUTER
	W MARTIN

Target Street	Cross Street	Source
✓	-	Cole Information Services

WAXLER RD 1999 (Cont'd)

0
WALTER BOWMAN
WELBY BEATTY
WILLIAM ISER
WILLIAM KUHLMAN

Target Street	Cross Street	Source
✓	-	Cole Information Services

WAXLER RD 1995

0	ASHBY, G R
	COOK, ARNOLD E
	DIEHL, J K
	DOLLY, ALLEN
	EVERETT, LARRY
	FAZZALORE, ROB
	FEASTER, CHARLES
	KILE, DONALD
	LLEWELLYN, HELEN
	MARTIN, W F
	MONGOLD, JAMES R
	MYERS, ESTEN C
	NAYLOR, ROBERT
	NILAND, R
	RAVENSCROFT, FRANCES
	SMITH, RONALD
	WEBER, R B
	WRIGHT, WILLIAM D
421	BLIZZARD, CARL

APPENDIX F – EDR Radius Map Report

Former Anchor Glass
598 Waxler Road
Keyser, WV 26726

Inquiry Number: 4845930.2s
February 06, 2017

The EDR Radius Map™ Report with GeoCheck®

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

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Detail Map	3
Map Findings Summary	4
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Physical Setting Source Addendum	A-1
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Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-15
Physical Setting Source Map Findings	A-17
Physical Setting Source Records Searched	PSGR-1

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with any questions or comments.

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

598 WAXLER ROAD
KEYSER, WV 26726

COORDINATES

Latitude (North):	39.4445080 - 39° 26' 40.22''
Longitude (West):	78.9516970 - 78° 57' 6.10''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	676262.9
UTM Y (Meters):	4367899.5
Elevation:	792 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6009942 KEYSER, WV
Version Date:	2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20141027, 20150722, 20150716
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
598 WAXLER ROAD
KEYSER, WV 26726

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	ANCHOR GLASS CONTAIN	WAXLER RD IND PARK	RCRA NonGen / NLR		TP
A2	ANCHOR GLASS CONTAIN	WAXLER RD	FINDS, ECHO		TP
A3	ANCHOR GLASS CONTAIN		WV NPDES		TP
A4	ANCHOR GLASS CONTAIN	WEXLER ROAD	FINDS, ECHO		TP

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
ANCHOR GLASS CONTAIN WAXLER RD IND PARK KEYSER, WV 26726	RCRA NonGen / NLR EPA ID:: WVD122560329	WVD122560329
ANCHOR GLASS CONTAIN WAXLER RD KEYSER, WV 26726	FINDS Registry ID:: 110054975791 ECHO	N/A
ANCHOR GLASS CONTAIN MINERAL (County), WV	WV NPDES Permit ID: WVG610482	N/A
ANCHOR GLASS CONTAIN WEXLER ROAD KEYSER, WV 26726	FINDS Registry ID:: 110006817490 ECHO	N/A

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing

SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent CERCLIS

WV SHWS ---------- This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.
MD SHWS ---------- Notice of Potential Hazardous Waste Sites

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

WV SWF/LF ---------- List of M.S.W. Landfills/Transfer Station Listing
MD SWF/LF ---------- Permitted Solid Waste Disposal Facilities
WV LCP ---------- Landfill Closure Program

State and tribal leaking storage tank lists

WV LUST ---------- Leaking Underground Storage Tanks
INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ---------- Underground Storage Tank Listing
WV UST ---------- Underground Storage Tank Database
MD UST ---------- Registered Underground Storage Tank List
WV AST ---------- Aboveground Storage Tanks
MD AST ---------- Permitted Aboveground Storage Tanks
INDIAN UST ---------- Underground Storage Tanks on Indian Land

EXECUTIVE SUMMARY

State and tribal institutional control / engineering control registries

WV INST CONTROL ..... Sites with Institutional Controls
MD INST CONTROL ..... Voluntary Cleanup Program Applicants/Participants

State and tribal voluntary cleanup sites

WV VCP ..... Voluntary Remediation Sites
INDIAN VCP ..... Voluntary Cleanup Priority Listing
MD VCP ..... Voluntary Cleanup Program Applicants/Participants

State and tribal Brownfields sites

MD BROWNFIELDS ..... Eligible Brownfields Properties
WV BROWNFIELDS ..... Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
ODI ..... Open Dump Inventory
IHS OPEN DUMPS ..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ..... Delisted National Clandestine Laboratory Register
WV CDL ..... Drug Lab Site Locations
US CDL ..... National Clandestine Laboratory Register

Local Land Records

LIENS 2 ..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
WV SPILLS ..... Spills Listing

Other Ascertainable Records

FUDS ..... Formerly Used Defense Sites
DOD ..... Department of Defense Sites
SCRD DRYCLEANERS ..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ..... Financial Assurance Information
EPA WATCH LIST ..... EPA WATCH LIST
2020 COR ACTION ..... 2020 Corrective Action Program List
TSCA ..... Toxic Substances Control Act

TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
WV AIRS	Permitted Facility and Emissions Listing
MD AIRS	Permit and Facility Information Listing
WV COAL ASH	Coal Ash Landills
MD COAL ASH	Coal Ash Disposal Site Listing
WV DRYCLEANERS	Listing of Drycleaner Locations
MD DRYCLEANERS	Registered Drycleaning Facilities
WV Financial Assurance	Financial Assurance Informtion Listing
MD Financial Assurance	Financial Assurance Information Listing
MD NPDES	Wastewater Permit Listing
WV UIC	Underground Injection Wells
MD UIC	Underground Injection Wells Database
FUELS PROGRAM	EPA Fuels Program Registered Listing
ABANDONED MINES	Abandoned Mines

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto	EDR Exclusive Historic Gas Stations
EDR Hist Cleaner	EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

WV RGA LF	Recovered Government Archive Solid Waste Facilities List

EXECUTIVE SUMMARY

MD RGA LF---------- Recovered Government Archive Solid Waste Facilities List
WV RGA LUST---------- Recovered Government Archive Leaking Underground Storage Tank
MD RGA LUST---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

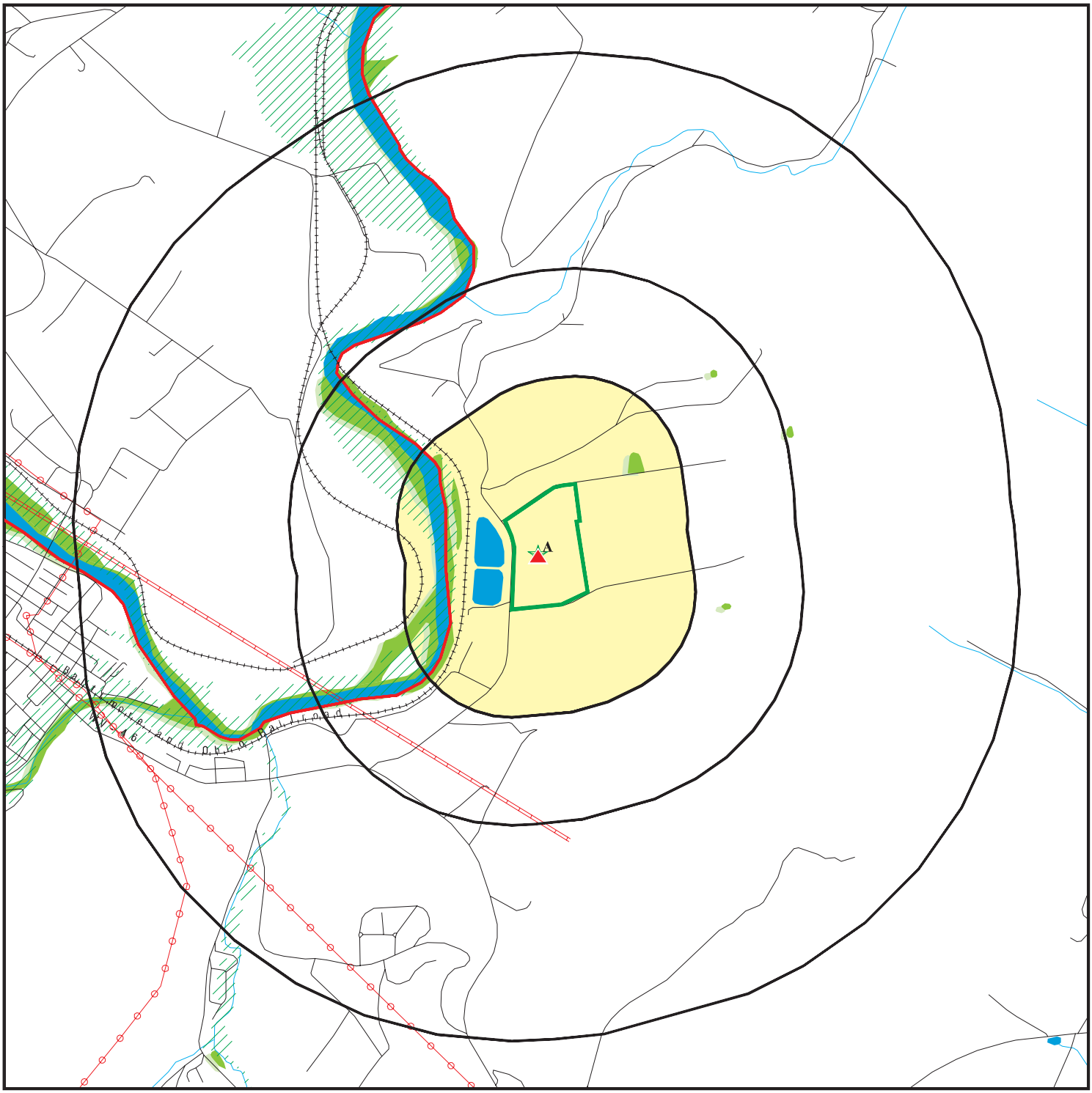
Surrounding sites were not identified.

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

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 4845930.2S



0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Former Anchor Glass	CLIENT:	Thrasher Engineering, Inc.
ADDRESS:	598 Waxler Road Keyser WV 26726	CONTACT:	Julie Barry
		INQUIRY #:	4845930.2s
LAT/LONG:	39.444508 / 78.951697	DATE:	February 06, 2017 9:59 am

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DETAIL MAP - 4845930.2S

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

0 1/16 1/8 1/4 Miles

- Indian Reservations BIA
- County Boundary
- Pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Former Anchor Glass	CLIENT:	Thrasher Engineering, Inc.
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		INQUIRY #:	4845930.2s
LAT/LONG:	39.444508 / 78.951697	DATE:	February 06, 2017 10:00 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
WV SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A
MD SHWS	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
WV SWF/LF	0.500		0	0	0	NR	NR	0
MD SWF/LF	0.500		0	0	0	NR	NR	0
WV LCP	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
WV LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
WV UST	0.250		0	0	NR	NR	NR	0
MD UST	0.250		0	0	NR	NR	NR	0
WV AST	0.250		0	0	NR	NR	NR	0
MD AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
WV INST CONTROL	0.500		0	0	0	NR	NR	0
MD INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
WV VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
MD VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
MD BROWNFIELDS	0.500		0	0	0	NR	NR	0
WV BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
WV CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
WV SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	1	0	0	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	2	NR	NR	NR	NR	NR	2
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
WV AIRS	TP		NR	NR	NR	NR	NR	0
MD AIRS	TP		NR	NR	NR	NR	NR	0
WV COAL ASH	0.500		0	0	0	NR	NR	0
MD COAL ASH	0.500		0	0	0	NR	NR	0
WV DRYCLEANERS	0.250		0	0	NR	NR	NR	0
MD DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WV Financial Assurance	TP		NR	NR	NR	NR	NR	0
MD Financial Assurance	TP		NR	NR	NR	NR	NR	0
WV NPDES	TP	1	NR	NR	NR	NR	NR	1
MD NPDES	TP		NR	NR	NR	NR	NR	0
WV UIC	TP		NR	NR	NR	NR	NR	0
MD UIC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.500		0	0	0	NR	NR	0
ECHO	TP	2	NR	NR	NR	NR	NR	2

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
WV RGA LF	TP		NR	NR	NR	NR	NR	0
MD RGA LF	TP		NR	NR	NR	NR	NR	0
WV RGA LUST	TP		NR	NR	NR	NR	NR	0
MD RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		6	0	0	0	0	0	6

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property **ANCHOR GLASS CONTAINER CORP**
WAXLER RD IND PARK
KEYSER, WV 26726

RCRA NonGen / NLR **1000243766** **WVD122560329**

Site 1 of 4 in cluster A

Actual: 792 ft.

RCRA NonGen / NLR:

Date form received by agency:	07/18/1986
Facility name:	ANCHOR GLASS CONTAINER CORP
Facility address:	WAXLER RD IND PARK KEYSER, WV 26726
EPA ID:	WVD122560329
Contact:	ROBERT METZGER
Contact address:	PO BOX 30182 TAMPA, FL 336303182
Contact country:	US
Contact telephone:	(813) 882-7716
Contact email:	Not reported
EPA Region:	03
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	ANCHOR GLASS ACQUISITION CORP
Owner/operator address:	PO BOX 80182 TAMPA, FL 33630
Owner/operator country:	Not reported
Owner/operator telephone:	(813) 884-0000
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	OPERNAME
Owner/operator address:	OPERSTREET OPERCITY, AK 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(215) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No

ANCHOR GLASS CONTAINER CORP (Continued) **1000243766**

Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D010
. Waste name: SELENIUM

Facility Has Received Notices of Violations:
Regulation violated: FR - 262.34(f)
Area of violation: Generators - Pre-transport
Date violation determined: 10/28/1997
Date achieved compliance: 12/01/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/28/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 10/28/1997
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Generators - Pre-transport
Date achieved compliance: 12/01/1997
Evaluation lead agency: State

Evaluation date: 02/23/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

A2 Target Property **ANCHOR GLASS CONTAINER CORP**
WAXLER RD
KEYSER, WV 26726

FINDS ECHO **1015922920 N/A**

Site 2 of 4 in cluster A

Actual: 792 ft.

FINDS:

Registry ID: 110054975791

Environmental Interest/Information System
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

ECHO:

Envid:	1015922920
Registry ID:	110054975791
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110054975791

A3 Target Property **ANCHOR GLASS CONTAINER CORP**
MINERAL (County), WV

WV NPDES **S118819591 N/A**

Site 3 of 4 in cluster A

Actual: 792 ft.

NPDES:

Permit ID:	WVG610482
Contact Name:	MORRIS J PAMEPINTO
Contact Telephone:	8138840000
Contact Street:	PO BOX 968
Contact Street2:	WAXLER RD
Contact City:	KEYSER
Contact State:	WV
Contact Zip Code:	26726
Responsible Party Name:	ANCHOR GLASS CONTAINER CORP
Permit Type Table Code:	Industrial
Permit Sub Type Code:	Storm Water Industrial (GP)
Expire Date:	12/31/1997
Sic Code:	Not reported
Priority Flag:	Not reported
Design Flow Quantity:	Not reported
Average Flow Quantity:	Not reported
Disturbed Acres:	Not reported
Extension Date:	Not reported
Number of Customers:	Not reported
Number Injection Point:	Not reported
Individual General SW:	Not reported
Site Phone NUmber:	Not reported
Permit Status Description:	Closed
Issue Date:	03/10/1995
Effective Date:	04/01/1995
Lat/Long(DMS):	39 26 41.0000 / 78 57 10.0000

ANCHOR GLASS CONTAINER CORP (Continued) **S118819591**

Permit ID:	WVG610482
Contact Name:	MORRIS J PAMEPINTO
Contact Telephone:	8138840000
Contact Street:	PO BOX 968
Contact Street2:	WAXLER RD
Contact City:	KEYSER
Contact State:	WV
Contact Zip Code:	26726
Responsible Party Name:	ANCHOR GLASS CONTAINER CORP
Permit Type Table Code:	Industrial
Permit Sub Type Code:	SWI
Expire Date:	12/31/1997
Sic Code:	3221
Priority Flag:	Y
Design Flow Quantity:	Not reported
Average Flow Quantity:	0.03
Disturbed Acres:	Not reported
Extension Date:	Not reported
Number of Customers:	Not reported
Number Injection Point:	Not reported
Individual General SW:	INDST
Site Phone NUmber:	Not reported
Permit Status Description:	Not reported
Issue Date:	Not reported
Effective Date:	Not reported
Lat/Long(DMS):	39 26 41.00 / 78 57 10.00

A4 Target Property **ANCHOR GLASS CONTAINER CORP** **FINDS 1016217156**
WEXLER ROAD **ECHO N/A**
KEYSER, WV 26726

Site 4 of 4 in cluster A

Actual: 792 ft.

FINDS:

Registry ID: 110006817490

Environmental Interest/Information System

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:

Envid:	1016217156
Registry ID:	110006817490
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110006817490

Count: 0 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 12/05/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 01/05/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 12/05/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 01/05/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 12/05/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 01/05/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 09/14/2016
Date Data Arrived at EDR: 10/04/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/05/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/10/2016
Date Data Arrived at EDR: 10/20/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 78

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/06/2017
Next Scheduled EDR Contact: 05/01/2017
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/10/2016
Date Data Arrived at EDR: 10/20/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 78
Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/06/2017
Next Scheduled EDR Contact: 05/01/2017
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 100
Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 100
Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 100
Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 05/28/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 13

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/18/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 11/15/2016
Date Data Arrived at EDR: 11/29/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/29/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 11/15/2016
Date Data Arrived at EDR: 11/29/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/29/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 43

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

WV SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: Department of Environmental Protection
Telephone: 304-926-0455
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: N/A

MD SHWS: Notice of Potential Hazardous Waste Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: Department of the Environment
Telephone: 410-537-3000
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: N/A

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

WV SWF/LF: List of M.S.W. Landfills/Transfer Station Listing

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

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 43

Source: Division of Environmental Protection
Telephone: 304-926-0499
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

MD SWF/LF: Permitted Solid Waste Disposal Facilities

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

Date of Government Version: 12/06/2016
Date Data Arrived at EDR: 12/09/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 13

Source: Department of the Environment
Telephone: 410-537-3375
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Annually

WV LCP: Landfill Closure Program
The WV DEP's LCAP aids the owners/permittees of landfills that were required to cease operations because of certain statutory closure deadlines for non-composite lined facilities

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 03/18/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 28
Source: Department of Environmental Protection
Telephone: 304-926-0499
Last EDR Contact: 12/05/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Annually

State and tribal leaking storage tank lists

WV LUST: Leaking Underground Storage Tanks
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 10/17/2016
Date Data Arrived at EDR: 12/02/2016
Date Made Active in Reports: 01/13/2017
Number of Days to Update: 42
Source: Division of Environmental Protection
Telephone: 304-926-0455
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Semi-Annually

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/17/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015
Date Data Arrived at EDR: 02/12/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 112
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/25/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015
Date Data Arrived at EDR: 02/19/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 105
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

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

Date of Government Version: 02/05/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 35
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/24/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/27/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Varies

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

Date of Government Version: 11/21/2016
Date Data Arrived at EDR: 11/29/2016
Date Made Active in Reports: 01/13/2017
Number of Days to Update: 45
Source: Division of Environmental Protection
Telephone: 304-926-0495
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Annually

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

Date of Government Version: 10/05/2016
Date Data Arrived at EDR: 10/12/2016
Date Made Active in Reports: 12/02/2016
Number of Days to Update: 51
Source: Department of the Environment
Telephone: 410-537-3433
Last EDR Contact: 01/09/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Varies

WV AST: Aboveground Storage Tanks
A listing of aboveground storage tank site locations.

Date of Government Version: 07/20/2016
Date Data Arrived at EDR: 07/25/2016
Date Made Active in Reports: 10/13/2016
Number of Days to Update: 80
Source: DEP
Telephone: 304-926-0499
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

MD AST: Permitted Aboveground Storage Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 10/06/2016
Date Data Arrived at EDR: 10/12/2016
Date Made Active in Reports: 12/07/2016
Number of Days to Update: 56
Source: Department of The Environment
Telephone: 410-537-3000
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 01/26/2016
Date Data Arrived at EDR: 02/05/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 119
Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/25/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37
Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 12/03/2015
Date Data Arrived at EDR: 02/04/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 120

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/05/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/24/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 52

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

WV INST CONTROL: Sites with Institutional Controls

Sites that have institutional controls in place.

Date of Government Version: 10/28/2016
Date Data Arrived at EDR: 11/29/2016
Date Made Active in Reports: 01/20/2017
Number of Days to Update: 52

Source: Department of Environmental Protection
Telephone: 304-558-2508
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

MD INST CONTROL: Voluntary Cleanup Program Applicants/Participants

Sites included in the Voluntary Cleanup Program Applicants/Participants listing that have Deed Restrictions.

Date of Government Version: 12/14/2016
Date Data Arrived at EDR: 12/20/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 2

Source: Department of the Environment
Telephone: 410-537-3493
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Semi-Annually

State and tribal voluntary cleanup sites

WV VCP: Voluntary Remediation Sites

Sites involved in the Voluntary Remediation Program.

Date of Government Version: 10/28/2016
Date Data Arrived at EDR: 11/29/2016
Date Made Active in Reports: 01/20/2017
Number of Days to Update: 52

Source: Department of Environmental Protection
Telephone: 304-558-2745
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Semi-Annually

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/27/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

MD VCP: Voluntary Cleanup Program Applicants/Participants

The Voluntary Cleanup Program, administrated by the Dept. of the Environment, streamlines the environmental cleanup process for sites, usually industrial or commercial properties, that are contaminated, or perceived to be contaminated, by hazardous substances. Developers and lenders are provided with certain limitations on liability and participants in the program are provided certainty in the process by knowing exactly what will be required.

Date of Government Version: 12/14/2016
Date Data Arrived at EDR: 12/20/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 2

Source: Dept. of the Environment
Telephone: 410-537-3000
Last EDR Contact: 12/12/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Semi-Annually

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

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

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

State and tribal Brownfields sites

MD BROWNFIELDS: Eligible Brownfields Properties

The Site Assessment Section of the State Superfund Division is responsible for conducting federally funded assessments of eligible brownfields properties. These assessments are undertaken to determine whether there are environmental cleanup requirements at these sites.

Date of Government Version: 10/06/2016
Date Data Arrived at EDR: 12/13/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 9

Source: Department of Environment
Telephone: 410-537-3000
Last EDR Contact: 09/07/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Quarterly

WV BROWNFIELDS: Brownfields Sites Listing

Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

Date of Government Version: 05/14/2013
Date Data Arrived at EDR: 07/05/2013
Date Made Active in Reports: 08/15/2013
Number of Days to Update: 41

Source: Department of Environmental Protection
Telephone: 304-926-0455
Last EDR Contact: 12/30/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/20/2016
Date Data Arrived at EDR: 09/21/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 51

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/20/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 08/31/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 17

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/29/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: No Update Planned

WV CDL: Drug Lab Site Locations

A listing of clandestine drug lab site locations.

Date of Government Version: 07/18/2016
Date Data Arrived at EDR: 10/13/2016
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 89

Source: Department of Environmental Protection
Telephone: 304-926-0499
Last EDR Contact: 01/12/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

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

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 17

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/29/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/24/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/28/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 37

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

WV SPILLS: Spills Listing

A listing of spills and releases reported to the Office of Emergency Services, they do not include any TRI information.

Date of Government Version: 07/25/2016
Date Data Arrived at EDR: 07/26/2016
Date Made Active in Reports: 10/11/2016
Number of Days to Update: 77

Source: Office of Emergency Services
Telephone: 304-558-5380
Last EDR Contact: 12/16/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/08/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/13/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/13/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 01/31/2017
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 10/11/2016
Date Data Arrived at EDR: 11/16/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/23/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Every 4 Years

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 133

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

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

Date of Government Version: 01/20/2016
Date Data Arrived at EDR: 04/28/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 127
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/13/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Annually

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

Date of Government Version: 07/27/2016
Date Data Arrived at EDR: 08/05/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 77
Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 01/09/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Quarterly

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/17/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/17/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

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

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/29/2016
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

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

Date of Government Version: 10/03/2016
Date Data Arrived at EDR: 10/05/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/06/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Quarterly

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

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

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

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

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/01/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 09/30/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 77

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/23/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/13/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/21/2016
Date Data Arrived at EDR: 07/26/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 59

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/09/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/07/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 148

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/05/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

US MINES: Mines Master Index File

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

Date of Government Version: 08/05/2016
Date Data Arrived at EDR: 09/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/01/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/12/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/15/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 65

Source: EPA
Telephone: (215) 814-5000
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 67

Source: Department of Defense
Telephone: 571-373-0407
Last EDR Contact: 01/20/2017
Next Scheduled EDR Contact: 05/01/2017
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/03/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 91

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

WV AIRS: Permitted Facility and Emissions Listing

Permitted facility and emissions information listing.

Date of Government Version: 11/06/2016
Date Data Arrived at EDR: 12/02/2016
Date Made Active in Reports: 01/13/2017
Number of Days to Update: 42

Source: Department of Environmental Protection
Telephone: 304-926-0499
Last EDR Contact: 11/18/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Varies

MD AIRS: Permit and Facility Information Listing

A listing of permitted facilities and emissions information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 10/15/2015
Date Made Active in Reports: 12/10/2015
Number of Days to Update: 56

Source: Department of the Environment
Telephone: 410-537-3220
Last EDR Contact: 01/09/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Varies

WV COAL ASH: Coal Ash Landills
A listing of coal ash landfill site locations.

Date of Government Version: 11/20/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/15/2016
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 304-926-0499
Last EDR Contact: 01/09/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Varies

MD COAL ASH: Coal Ash Disposal Site Listing
Coal combustion byproduct site locations.

Date of Government Version: 08/13/2010
Date Data Arrived at EDR: 01/05/2011
Date Made Active in Reports: 01/31/2011
Number of Days to Update: 26

Source: Department of the Environment
Telephone: 410-537-3507
Last EDR Contact: 12/23/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Varies

WV DRYCLEANERS: Listing of Drycleaner Locations
A listing of drycleaners which use perchloroethylene.

Date of Government Version: 08/05/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 10/07/2016
Number of Days to Update: 46

Source: Department of Environmental Protection
Telephone: 304-926-0475
Last EDR Contact: 11/14/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Varies

MD DRYCLEANERS: Registered Drycleaning Facilities
A listing of registered drycleaning facilities.

Date of Government Version: 10/17/2016
Date Data Arrived at EDR: 10/18/2016
Date Made Active in Reports: 12/02/2016
Number of Days to Update: 45

Source: Department of the Environmental
Telephone: 410-537-3220
Last EDR Contact: 10/11/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Varies

WV Financial Assurance: Financial Assurance Informtion Listing
A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 03/05/2013
Date Data Arrived at EDR: 03/07/2013
Date Made Active in Reports: 04/05/2013
Number of Days to Update: 29

Source: Department of Environmental Protection
Telephone: 304-926-0499
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

MD Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information.

Date of Government Version: 10/14/2016
Date Data Arrived at EDR: 11/10/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 42

Source: Department of the Environment
Telephone: 410-537-3345
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

MD Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for storage tank sites.

Date of Government Version: 10/05/2016
Date Data Arrived at EDR: 10/12/2016
Date Made Active in Reports: 12/02/2016
Number of Days to Update: 51
Source: Department of the Environment
Telephone: 410-537-3461
Last EDR Contact: 01/09/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Quarterly

WV NPDES: Wastewater Discharge Permits Listing
A listing of wastewater discharge permits.

Date of Government Version: 10/19/2016
Date Data Arrived at EDR: 11/08/2016
Date Made Active in Reports: 01/13/2017
Number of Days to Update: 66
Source: Department of Environmental Protection
Telephone: 304-926-0495
Last EDR Contact: 01/17/2017
Next Scheduled EDR Contact: 05/01/2017
Data Release Frequency: Varies

MD NPDES: Wastewater Permit Listing
A listing of wastewater permit locations.

Date of Government Version: 10/15/2016
Date Data Arrived at EDR: 11/22/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 30
Source: Department of the Environment
Telephone: 410-537-3507
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

WV UIC: Underground Injection Wells
A listing of underground injection well locations.

Date of Government Version: 07/25/2016
Date Data Arrived at EDR: 07/29/2016
Date Made Active in Reports: 10/11/2016
Number of Days to Update: 74
Source: Department of Environmental Protection
Telephone: 304-926-0499
Last EDR Contact: 01/27/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

MD UIC: Underground Injection Wells Database
A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 05/04/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 07/07/2015
Number of Days to Update: 39
Source: Department of the Environment
Telephone: 410-537-3507
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines
An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 81
Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/18/2016
Date Data Arrived at EDR: 09/20/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/20/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/21/2016
Date Data Arrived at EDR: 11/22/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 73

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

WV RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Division of Environmental Protection in West Virgina.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/20/2014
Number of Days to Update: 203

Source: Division of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

MD RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of the Environment in Maryland.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/16/2014
Number of Days to Update: 199

Source: Department of the Environment
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

WV RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Division of Environmental Protection in West Virgina.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Division of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

MD RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of the Environment in Maryland from 1995-1999..

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of the Environment
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

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

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 01/03/2017
Number of Days to Update: 96

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/09/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/01/2016
Date Data Arrived at EDR: 11/02/2016
Date Made Active in Reports: 01/04/2017
Number of Days to Update: 63

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/01/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 07/22/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 123

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/12/2017
Next Scheduled EDR Contact: 05/01/2017
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/12/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Annually

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Center List
Source: Office of Social Services
Telephone: 304-558-7980

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

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

State Wetlands Data: Wetland Inventory
Source: US Fish & Wildlife Service
Telephone: 703-358-2171

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

FORMER ANCHOR GLASS
598 WAXLER ROAD
KEYSER, WV 26726

TARGET PROPERTY COORDINATES

Latitude (North):	39.444508 - 39° 26' 40.23''
Longitude (West):	78.951697 - 78° 57' 6.11''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	676262.9
UTM Y (Meters):	4367899.5
Elevation:	792 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	6009942 KEYSER, WV
Version Date:	2014

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

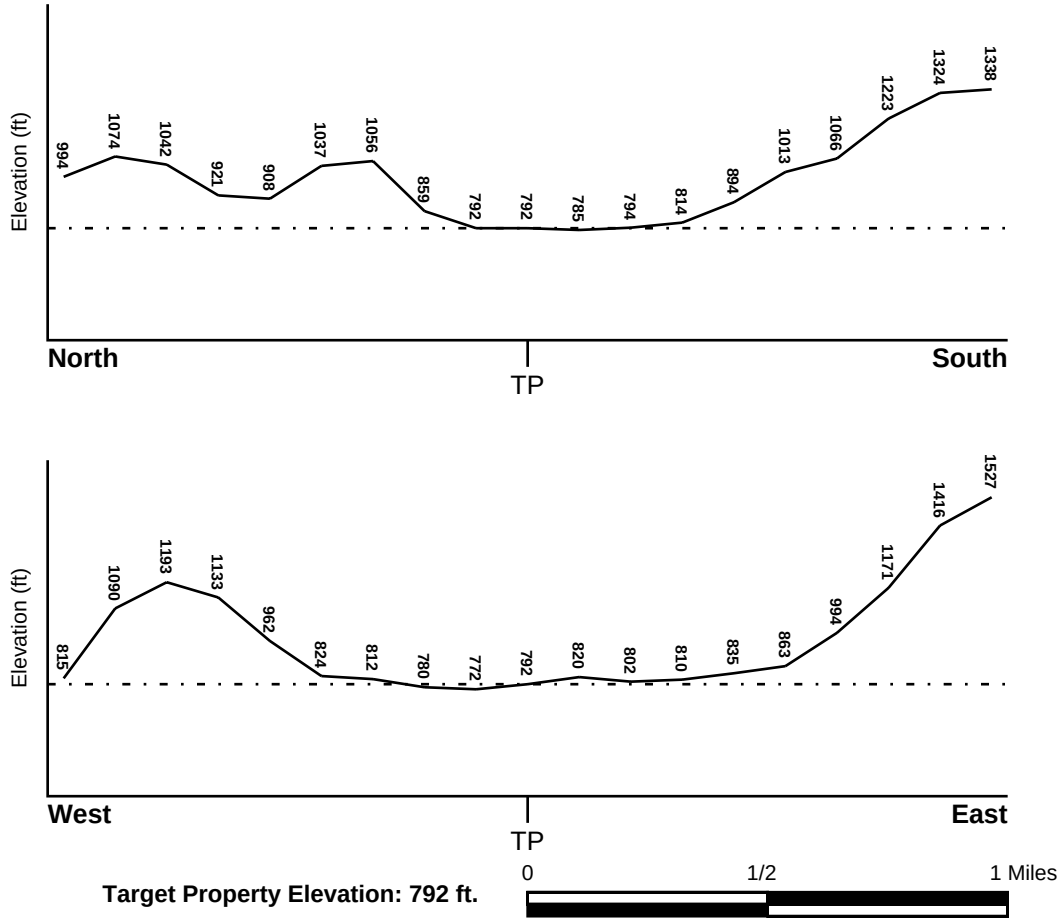
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 792 ft.

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
54057C0179D	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
54057C0185D	FEMA FIRM Flood data
54057C0178D	FEMA FIRM Flood data
54057C0195D	FEMA FIRM Flood data
54057C0187D	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
KEYSER	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

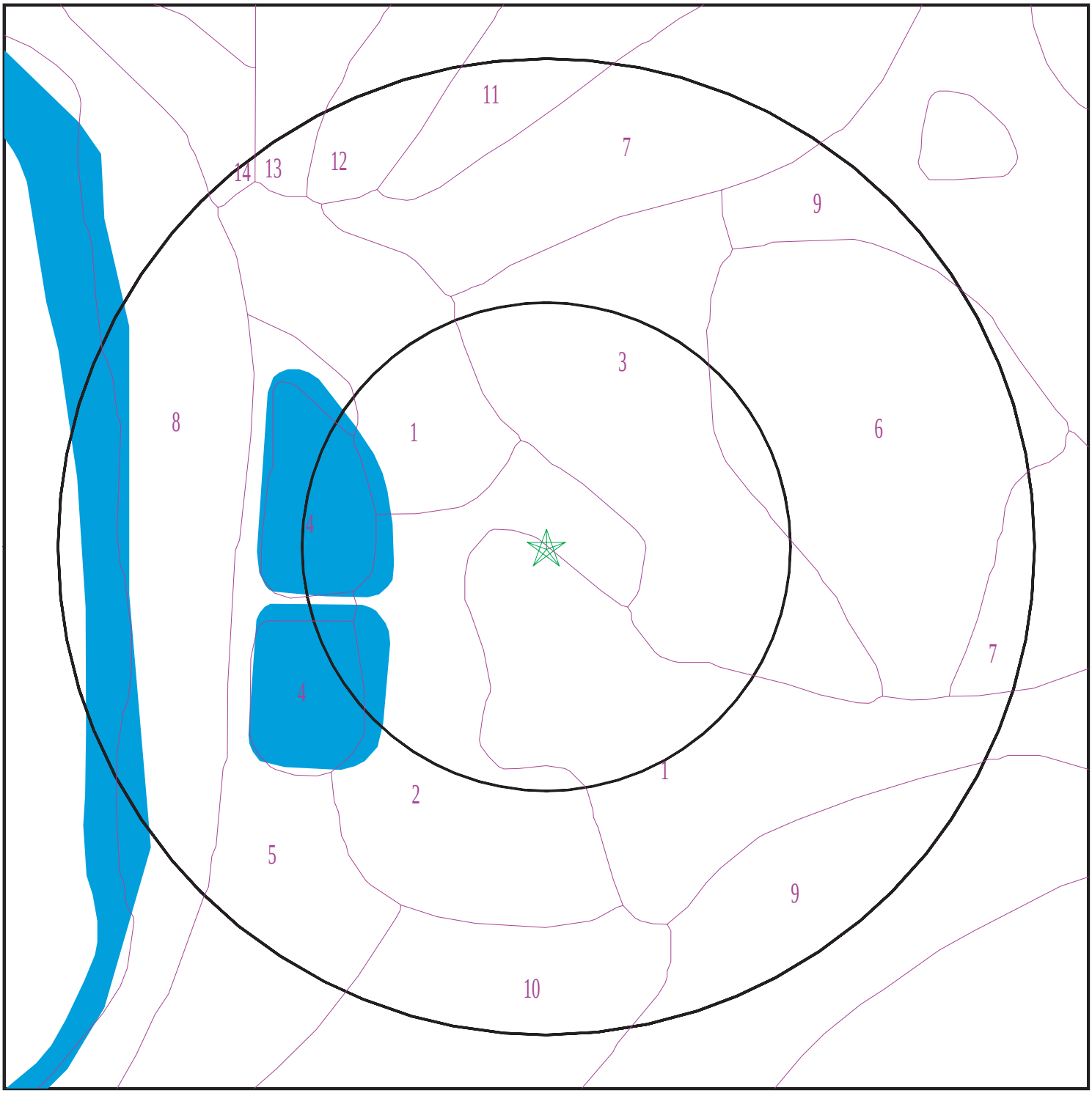
Era:	Paleozoic
System:	Silurian
Series:	Silurian
Code:	S *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

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

SSURGO SOIL MAP - 4845930.2s



SITE NAME:	Former Anchor Glass	CLIENT:	Thrasher Engineering, Inc.
ADDRESS:	598 Waxler Road Keyser WV 26726	CONTACT:	Julie Barry
		INQUIRY #:	4845930.2s
LAT/LONG:	39.444508 / 78.951697	DATE:	February 06, 2017 10:00 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Atkins

Soil Surface Texture: silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Not reported	Not reported	Max: 14 Min: 4	Max: 5.5 Min: 4.5
2	9 inches	40 inches	clay loam	Not reported	Not reported	Max: 14 Min: 0.42	Max: 5.5 Min: 4.5
3	40 inches	55 inches	stratified gravelly sandy loam to silty clay loam	Not reported	Not reported	Max: 42 Min: 1.4	Max: 5.5 Min: 4.5

Soil Map ID: 2

Soil Component Name: Udorthents

Soil Surface Texture: silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 3

Soil Component Name: Braddock

Soil Surface Texture: gravelly loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	gravelly loam	Not reported	Not reported	Max: 42 Min: 4	Max: 5.5 Min: 3.6
2	14 inches	42 inches	gravelly clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 5.5 Min: 3.6
3	42 inches	59 inches	very gravelly sandy clay loam	Not reported	Not reported	Max: 42 Min: 4	Max: 5.5 Min: 3.6

Soil Map ID: 4

Soil Component Name: Water

Soil Surface Texture: water

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	water	Not reported	Not reported	Max: 0 Min: 0	Max: Min:

Soil Map ID: 5

Soil Component Name: Opequon

Soil Surface Texture: silty clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 5 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	silty clay loam	Not reported	Not reported	Max: 14 Min: 1.4	Max: 7.8 Min: 5.6
2	5 inches	16 inches	clay	Not reported	Not reported	Max: 14 Min: 1.4	Max: 7.8 Min: 5.6
3	16 inches	20 inches	unweathered bedrock	Not reported	Not reported	Max: 141 Min: 14	Max: Min:

Soil Map ID: 6

Soil Component Name: Laidig

Soil Surface Texture: channery loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 87 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	channery loam	Not reported	Not reported	Max: 42 Min: 4	Max: 5.5 Min: 3.6
2	7 inches	35 inches	very channery sandy clay loam	Not reported	Not reported	Max: 42 Min: 4	Max: 5.5 Min: 3.6
3	35 inches	61 inches	very channery sandy loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 5.5 Min: 3.6

Soil Map ID: 7

Soil Component Name: Monongahela

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 45 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Not reported	Not reported	Max: 14 Min: 4	Max: 5.5 Min: 4.5
2	9 inches	25 inches	silt loam	Not reported	Not reported	Max: 14 Min: 4	Max: 5.5 Min: 4.5
3	25 inches	50 inches	clay loam	Not reported	Not reported	Max: 4 Min: 0.42	Max: 5.5 Min: 4.5

Soil Map ID: 8

Soil Component Name: Fluvaquents

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 7.3 Min: 3.6
2	5 inches	42 inches	gravelly loam	Not reported	Not reported	Max: 42 Min: 4	Max: 7.3 Min: 3.6
3	42 inches	59 inches	loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 4.5

Soil Map ID: 9

Soil Component Name: Tygart

Soil Surface Texture: silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	silt loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6 Min: 4.5
2	5 inches	46 inches	silty clay	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: 5.5 Min: 3.6
3	46 inches	51 inches	silty clay loam	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: 5.5 Min: 3.6

Soil Map ID: 10

Soil Component Name: Edom

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	silt loam	Not reported	Not reported	Max: 14 Min: 4	Max: 7.8 Min: 5.1
2	3 inches	35 inches	channery clay	Not reported	Not reported	Max: 14 Min: 1.4	Max: 7.8 Min: 5.1
3	35 inches	42 inches	very channery silty clay loam	Not reported	Not reported	Max: 14 Min: 1.4	Max: 7.8 Min: 5.6
4	42 inches	46 inches	unweathered bedrock	Not reported	Not reported	Max: 4.2 Min: 0	Max: Min:

Soil Map ID: 11

Soil Component Name: Elliber

Soil Surface Texture: very channery loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	very channery loam	Not reported	Not reported	Max: 42 Min: 4	Max: 5.5 Min: 3.6
2	11 inches	50 inches	very channery loam	Not reported	Not reported	Max: 42 Min: 4	Max: 5.5 Min: 3.6

Soil Map ID: 12

Soil Component Name: Lehew

Soil Surface Texture: channery sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 76 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	channery sandy loam	Not reported	Not reported	Max: 141 Min: 14	Max: 5.5 Min: 4.5
2	5 inches	20 inches	channery fine sandy loam	Not reported	Not reported	Max: 141 Min: 14	Max: 5.5 Min: 4.5
3	20 inches	31 inches	very channery fine sandy loam	Not reported	Not reported	Max: 141 Min: 14	Max: 5.5 Min: 4.5
4	31 inches	35 inches	weathered bedrock	Not reported	Not reported	Max: 1.4 Min: 0	Max: Min:

Soil Map ID: 13

Soil Component Name: Berks

Soil Surface Texture: channery silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	channery silt loam	Not reported	Not reported	Max: 42 Min: 4	Max: 6.5 Min: 3.6
2	5 inches	22 inches	very channery silt loam	Not reported	Not reported	Max: 42 Min: 4	Max: 6.5 Min: 3.6
3	22 inches	25 inches	very channery silt loam	Not reported	Not reported	Max: 42 Min: 14	Max: 6.5 Min: 3.6
4	25 inches	29 inches	weathered bedrock	Not reported	Not reported	Max: 1.4 Min: 0	Max: Min:

Soil Map ID: 14

Soil Component Name: Pope

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	fine sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 5.5 Min: 3.6
2	11 inches	42 inches	fine sandy loam	Not reported	Not reported	Max: 42 Min: 4	Max: 5.5 Min: 3.6
3	42 inches	59 inches	sandy loam	Not reported	Not reported	Max: 42 Min: 4	Max: 5.5 Min: 3.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40001304389	0 - 1/8 Mile SSW
2	USGS40001304370	1/8 - 1/4 Mile SSE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

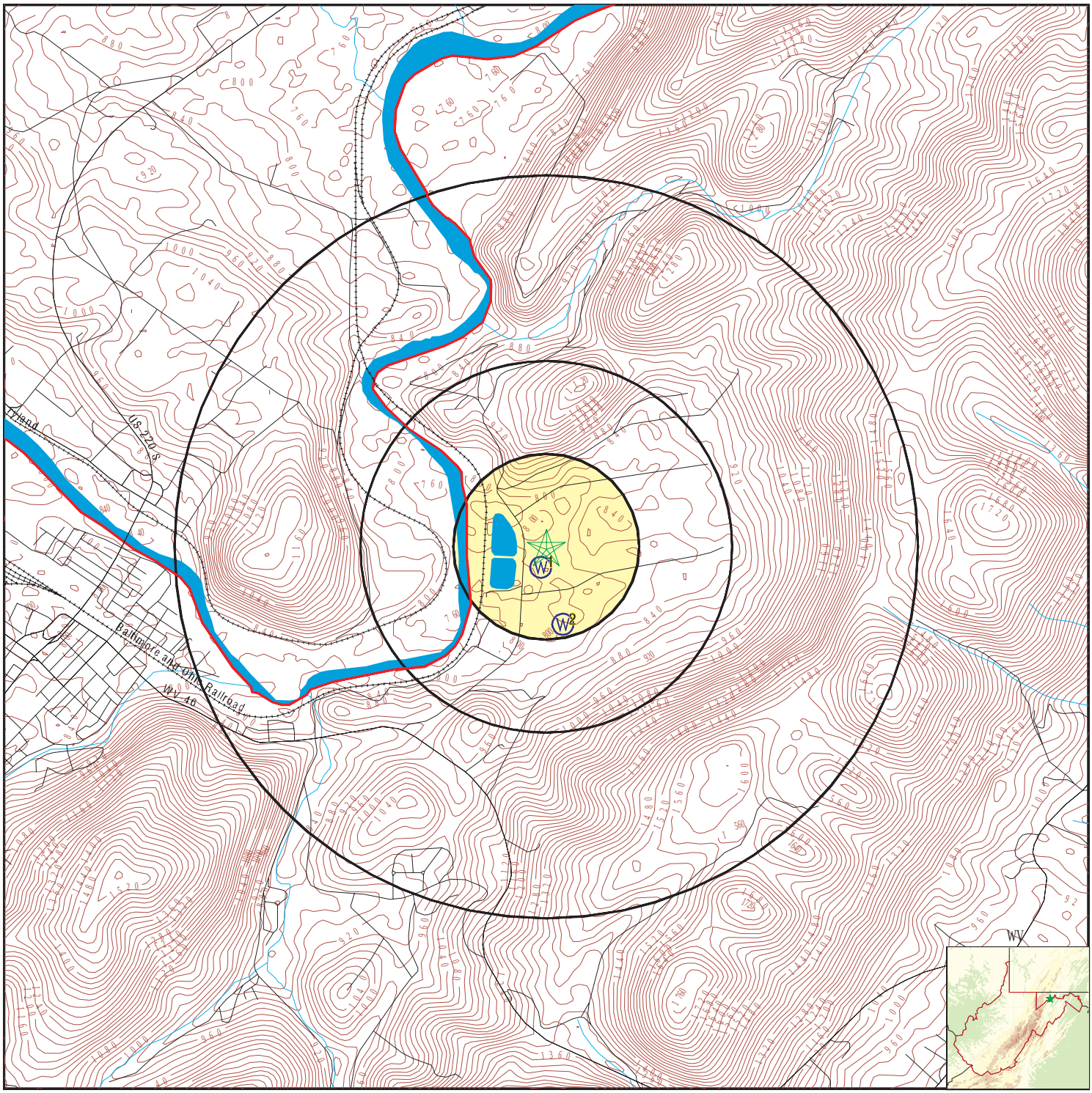
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 4845930.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

0 1/4 1/2 1 Miles

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- Oil, gas or related wells

N

SITE NAME:	Former Anchor Glass	CLIENT:	Thrasher Engineering, Inc.
ADDRESS:	598 Waxler Road Keyser WV 26726	CONTACT:	Julie Barry
		INQUIRY #:	4845930.2s
LAT/LONG:	39.444508 / 78.951697	DATE:	February 06, 2017 10:00 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SSW **FED USGS** **USGS40001304389**
0 - 1/8 Mile
Higher

Org. Identifier:	USGS-WV		
Formal name:	USGS West Virginia Water Science Center		
Monloc Identifier:	USGS-392637078570801		
Monloc name:	Min-0113		
Monloc type:	Well		
Monloc desc:	Orig staname 2203008/WV PULP & PAPER COMPANY		
Huc code:	02070002	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.4437053
Longitude:	-78.9519702	Sourcemap scale:	Not Reported
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	800.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Valley and Ridge aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19460101	Welldepth:	1689
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

2
SSE **FED USGS** **USGS40001304370**
1/8 - 1/4 Mile
Lower

Org. Identifier:	USGS-WV		
Formal name:	USGS West Virginia Water Science Center		
Monloc Identifier:	USGS-392629078570401		
Monloc name:	Min-0110		
Monloc type:	Well		
Monloc desc:	Orig staname 2203007/WV PULP & PAPER COMPANY		
Huc code:	02070002	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	39.4414832
Longitude:	-78.950859	Sourcemap scale:	Not Reported
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	800.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Valley and Ridge aquifers		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported		
Construction date:	19460101	Welldepth:	888
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

EPA Region 3 Statistical Summary Readings for Zip Code: 26726

Number of sites tested: 222.

Maximum Radon Level: 51.5 pCi/L.
Minimum Radon Level: 1.1 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
148 (66.67%)	52 (23.42%)	15 (6.76%)	6 (2.70%)	1 (0.45%)	0 (0.00%)

Federal EPA Radon Zone for MINERAL County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

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

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

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

State Wetlands Data: Wetland Inventory
Source: US Fish & Wildlife Service
Telephone: 703-358-2171

HYDROGEOLOGIC INFORMATION

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

GEOLOGIC INFORMATION

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

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

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

West Virginia Water Well Information
Source: Bureau of Public Health
Telephone: 304-558-6765

OTHER STATE DATABASE INFORMATION

West Virginia Oil and Gas Well Database
Source: Department of Environmental Protection
Telephone: 304-926-0450
Oil and Gas well locations in the state.

RADON

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

EPA Region 3 Statistical Summary Readings
Source: Region 3 EPA
Telephone: 215-814-2082
Radon readings for Delaware, D.C., Maryland, Pennsylvania, Virginia and West Virginia.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX G – Questionnaires and Interviews

THRASHER

USER QUESTIONNAIRE
ASTM E1527-13

This User Questionnaire must be completed and signed by the party seeking to use ASTM Standard Practice E1527- 13 to complete an ESA of the property listed above. A User may include, without limitation, a potential purchaser of the property,a potential tenant of the property, an owner of the property, a lender, or a property manager. This questionnaire is to inform Thrasher of any known or potential environmental conditions at the property. If a question does not apply to the property, please answer not applicable (N/A). If the answer is unknown, please state as such.

Please return the completed questionnaire as soon as possible to:
Julie E. Barry - Email:jbarry@thrashereng.com - Fax Number: 304.624.7831
Anchor Glass Container Corporation, 598 Waxler Road, Keyser, WV

REQUIRED USER-PROVIDED INFORMATION

(1.) Are you aware of any environmental cleanup liens against the property that have been filed under federal, tribal, state, or local law?
I am not aware

(2.) Are you aware of any AULs (activity and use limitations) such as engineering controls, land use restrictions , or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal , tribal, state, or local law?
I am not aware of any AUL's

(3.) Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?
I have no specialized knowledge or experience related to the property.

(4.) Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?
The purchase price is below FMV because it is a IRS Section 170 transaction.

(5.) Are you aware of commonly known or reasonably ascertainable information about the properly that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example:

(a.) Past uses of the *property:* Past use of the property was a glass container manufacturing plant as stated in the Phase 1 ESA privided to the environmental professional.

(b.) Specific hazardous substances, petroleum products, or chemicals that are present or once were present at the *property:* Not known

(c.) Spills or other chemical releases that have taken place at the *property:* Not known

(d.) Environmental cleanups that have taken place at the *property:* Not known

(6.) Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?
I do not believe that I have the relevant knowledge and experience to answer the question correctly.

CURRENT PROPERTY INFORMATION

(1.) Current Owner(s) of the property:
Name: Ardagh Group
Address: 1509 S. Macedonia Ave, Muncie, IN 47307
Phone No.: 813-695-7042
Year Purchased: 5/1/14

(2.) Who is to be notified before Thrasher visits the property? (Property Manager, Site Engineer, etc.)?
Name and Title: Bob Iser, Building Supervisor
Phone No. and/or Email: 1-724-322-2021

(3.) Are there any existing buildings on the property? (Identify name, address, size, age, and use of each building):
Yes, 598 Waxler Road, Keyser WV 26726 Approximately 270,000 sq.ft.
Additional details not known.

(a.) Available utility services to the property: (electricity, natural gas, municipal water and/or sewer, telephone, etc.) Please circle Yes No
Electricity, Natural Gas, Water, Sewer, Rail and two Broadband providors are on the property.

(b.) Water source for the property: (public water supply, private well, community well, etc. If the source is a well, are well logs or water test data available?) Please circle Yes No
City of Keyser Supplies Water

(c.) Current Use(s) of the property: If industrial, describe process(es), materials used, and by-products/waste(s) generated: Please circle Yes No
Warehouse

(4.) Are there any underground storage tanks (USTs) or aboveground storage tanks (ASTs on the property? If Yes, identify size, contents, age, type (steel or fiberglass), and leak detection system. If available, provide registration, removal, remediation and/or other UST/AST documentation:

Not Known

(5.) Are any Environmental Permits/Notifications required for operations at the property?

Not Known

HISTORICAL PROPERTY INFORMATION

(1.) Are any Environmental Reports, Engineering/Soils Reports, Site Plans, Plat(s) of Survey, Building Plans, Air Photos, etc., available for the property? Please list below and attach additional documents as necessary.

A Phase 1 ESA has been completed July 2012

(2.) Are you aware of any former buildings on the property? Identify name, address, size, age, and use of each building. Please attach additional documents as necessary.

Not Known

(3.) Past owners/tenants of the property and years of ownership/tenancy? Please attach additional documents as necessary.

Anchor Glass and Container Corporation used to own the building

(4.) Is an ownership Chain-of-Title available for the property? Please list below and attach additional documents as necessary.

Not known

(5.) Does or has any of the following currently/formerly occur on the property?

Yes	No	Conditions	If Yes, Please provide brief description
		Pits, Ponds, or Lagoons	Not Known
x		Railroad Lines or Spurs	There is a spur on property but not used
		Septic System	Not Known
		Heavy Equipment	Not Known
		Drums or Storage Containers	Not Known

Yes	No	Conditions	If Yes, Please provide brief description
		Odors	Not Known
		Landfills or Dumping Activities	Not Known
		Waste Water Discharge	Not Known
		USTs/ASTs Systems and Piping	Not Known
		PCB-Containing Equipment and Transformers	Not Known
	x	Industrial/Manufacturing Activities	This is not happening
		Hydraulic Lifts or Equipment	Not Known
		Wells	Not Known
		Remedial Activities	Not Known
		Stained Soils or Pavement	Not Known
		Leachate or Seeps	Not Known
		Stressed Vegetation	Not Known
		Chemical Spills or Releases	Not Known
		Surface Water Contamination	Not Known
		Oil/Gas Exploration or Refinery Operations	Not Known
		Farm Waste Concerns	Not Known
		Pesticides or Herbicides	Not Known
		Contaminant Migration	Not Known
		Regulated Substances	Not Known
		Other Environmental Concerns	Not Known

(6.) Are there any additional Phase I tasks that are beyond the requirements of Practice E1527 that should be included or considered (i.e. asbestos survey, wetlands evaluation, lead-paint evaluation)?
None

(7.) Identification of all parties who will rely on the Phase I report
Mineral County Development Authority

I have answered these questions to the best of my knowledge and have not knowingly withheld any information that would be pertinent to the completion of this Phase I Environmental Site Assessment.
Completed by:

Kevin Clark
Print Name

Signature

2/20/17
Date

THRASHER

INTERVIEW RECORD

Phase I ESA
Project: Former Anchor Glass Container Corporation **Project Number:** 101-070-0406
Person Interviewed: Mr. Bob Iser
Representing: Owner's Representative, Ardagh Glass Containers, Inc.
Subject: Current & Historical Use of Subject Facility & Property
Date: 2/17/2017 **Time:** 10 am

Mr. Bob Iser has been affiliated with the glass facility & subject property since 1972. He said the facility was first under operations with Chattanooga Glass before Anchor Glass took over operations & ownership. Below is a summary of statements & interpretations made by Mr. Bob Iser during the site reconnaissance:

- He estimated that there is approximately 6 tons of glass still in the furnace; when the plant shut down, it was during the middle of a shift / production.
- When investigating on the second floor / control room / platform adjacent to the silo, Mr. Iser explained how the elevator worked & all or most equipment has been removed from control room. He pointed out an area to the west of the building where a tank used to sit.
- To the southeast of the building is where they sorted recyclable glass received from the public; they'd pull in onto the scale before unloading.
- The tracks from the railroad come right to the building adjacent to the (recently) painted) silo where rail cars would be dumped. Tracks are still in place).
- There is currently a pile of millings that were dumped near the former track / recycling area for Mr. Iser's personal use, he said he'd remove before property transaction.
- During investigations of the basement, sump pumps, standing water, & water staining were observed. At the far southern portion of the facility running / flowing water could actually be heard from the ground floor / asphalt near silo.
- See attached paper for further comments...

Signature: Paige Hardnett
Circulate:

- There are discharge/outlet points to a ditch on the western side of the property. The ditch parallels Waxler Rd.
- While walking in the field & forested area to the east of the facility, Mr. Iser identified the 3 wells in addition to 3 former tank sites (ASTs) → to the east of the existing fence line.
- There were remnants of 2 structures in the forested area; Mr. Iser said these were associated w/ a slaughter house and butcher shop.
- There were 2 silos on the far southeastern corner of the property where VERSO & Tomar trailers were parked.
- A pump house just west of the aforementioned had all tanks removed but service lines are assumed/believed to still be in place.
- Mr. Iser stated the facility produced flint glass & in the years nearing its closure in 1995, they began producing drinkware → he said in retrospect this should have been an indication that business was not good.
- In the main warehouse there was some storage of bricks, mortar, equipment, machinery, etc. that is owned by Acdgh & used @ other facilities (glass)
- Floor drains, showers, sinks, & toilets were observed in the main warehouse restrooms.
- The offices, w/the exception of Mr. Iser's, are vacant → including those on the second floor.
- The Northern warehouse has been leased to VERSO for storage of paper produced @ the mill on the Potomac.

- This warehouse is temperature controlled unlike the glass warehouse; this area is heated by ceiling mounted propane heaters. There are 2 propane tanks (ASTs) to the southwest of this warehouse near Waxler Road.
- This Northern warehouse had a break room, restrooms, offices, & a bay or loading/unloading trailers with reams of paper.
- There was a stream on the Northern end of the subject property that paralleled Harlan Ridder Rd. & it was flowing @ time of site investigations → a diversion ditch to the east of the warehouse had confluence w/this stream.
- Earth moving activities were observed to the North of the facility; a sign indicated the Northern adjoining property was the future site for America's Best Block Plant.
- The eastern adjoining property was Keyser Stainless Steel & the far eastern property is the site of Quality Supply where they make & recycle pallets (Pro Stainless & Lumber & Things)
- The southern adjoining property is Tomar Trucking - they haul material for Automated Packaging, Pro Stainless, Lumber & Things, & Verso
- The western adjoining property is the existing Keyser Waste water Treatment facility (the new facility is being constructed to the North.

Request Confirmation

Request Information

Tracking Number : *EPA-R3-2017-004498*

Requester Name : Julie Barry

Date Submitted : 03/03/2017

Request Status : Submitted

Description :

Available information for Anchor Glass Container Corp Wexler Road, Keyser, WV 26726 or Waxler Road, Keyser, WV 26726. FRS ID 110006817490 TRI ID 26726NCHRGWAXLE RCRA WVD122560329

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THRASHER

INTERVIEW RECORD

Project: Former Anchor CC **Project Number:** 070-0406
Person Interviewed: Mr. Luke McKenzie, phone interview
Representing: Mineral County Homeland Security.
Subject: Env. conditions.
Date: 2/28/17 **Time:** 1500

Mineral County OEM does not have any records regarding emergency response calls and/or hazardous materials spills, incidents, or investigations.

Signature: Julie Barney
Circulate: 2/28/17

MINERAL COUNTY HEALTH DEPARTMENT

Public Health
Prevent. Promote. Protect.

February 14, 2017

Dear Ms. Barry,

The Mineral County Health Department does not have any records regarding drilled wells, septic systems, ground water monitoring wells or environmental investigations pertaining to the former Anchor Glass Container Corporation site.

For additional information, please call the WV Department of Environmental Protection (WV DEP) at 304-822-7266. They may be able to assists in completing your assessment since they handle industrial permitting.

Sincerely,

John E. DelSignore, R.S.

Address: 541 Harley O Staggers Dr, Suite 1, Keyser, WV 26726-9401

Telephone: 304-788-1321 • Fax: 304-788-6023 • Email: minerallhd@wv.gov

www.mineralcountyhealthdepartment.com

Julie E. Barry

From: Houston, Pamela S <Pamela.S.Houston@wv.gov>
Sent: Wednesday, March 01, 2017 7:37 AM
To: Julie E. Barry
Subject: FOIA 2017-02-143

Julie,
I am with the Permits Section in Water with the WV DEP. My section has no information for this request. If other sections in our agency have received your request as well they will contact you with any information they may have. I am closing out this request at this time for my section.
Thank you,

Pamela S. Houston, OA III
WV Dept. of Environmental Protection
601 57th Street SE
Charleston, WV 25304-2345
Phone: (304) 926-0499 Ext. 1574
Fax: (304) 926-0496
Pamela.s.houston@wv.gov

From: Henson, Jessica A
To: Julie E. Barry
Cc: DEP FOIA
Subject: RE: Freedom of Information Act Request # 2017-02-042
Date: Wednesday, February 08, 2017 3:08:21 PM

In response to your FOIA request, the Office of Environmental Remediation has no records on the requested site with the information provided.
This response is from the Office of Environmental Remediation only. Please be advised that there may be files from other DEP offices that are applicable to your request and you may be getting other responses.

Thanks,
Jessica
WVDEP-Division of Land Restoration
601 57th Street, SE
Charleston, WV 25304
(304) 926-0499, ext. 1658

From: DEP FOIA
Sent: Tuesday, February 07, 2017 9:23 AM
To: Gibson, Jeff S <Jeff.S.Gibson@wv.gov>; Henson, Jessica A <Jessica.A.Henson@wv.gov>
Subject: FW: Freedom of Information Act Request # 2017-02-042

Below, please find a FOIA request from Julie Barry with Thrasher Engineering. Please contact the requester at jbarry@thrashereng.com as soon as possible but no later than Tuesday, February 14, 2017 to let them know whether or not you have the requested information and when they can view/copy/receive it. **Please reference the above FOIA number and respond to depfoia@wv.gov with the amount invoiced and your mail code when complete.**

Thank you,

Terry Fletcher
WV DEP – Public Information

From: dep.online@wv.gov [mailto:dep.online@wv.gov]
Sent: Tuesday, February 7, 2017 9:06 AM
To: DEP FOIA <DEPFOIA@wv.gov>
Subject: FOIA Request

FOIA REQUEST FORM

Name:	Julie Barry
Address1:	600 White Oaks Blvd
Address2:	
City/State/ZIP:	Bridgeport, WV 26330
Telephone Number:	304-848-7839
Email Address:	jbarry@thrashereng.com
Date:	07-Feb-17, 09:05 AM
Request:	Available information for the Anchor Glass Container Corporation, 598 Waxler Road (Waxler Road Industrial Park), Keyser, Mineral County, WV. WVD122560329 RCRA WVG610482 NPDES Any available information in UST, LUST, or OER.
Timeframe:	Any available information.

For DEP use only:

Referred to:	
Date referred:	

From: Gibson, Jeff S
To: Julie E. Barry
Cc: DEP FOIA
Subject: FREEDOM OF INFORMATION ACT REQUEST # 2017-02-042
Date: Tuesday, February 07, 2017 10:08:07 AM

Julie Barry
Thrasher Engineering
Bridgeport, WV

Ms. Barry,

There is no record in *the database of underground storage tanks* for the name and address referenced in your FOIA request:

Anchor Glass Container Corporation
598 Waxler Road (Waxler Road Industrial Park)
Keyser, WV

Jeffrey S. Gibson
Inspection Coordinator – SEE Program
West Virginia Department of Environmental Protection
Environmental Enforcement – UST Unit
601 57th Street S. E.
Charleston, WV 25304
304-926-0499 Ext 1764
Jeff.s.gibson@wv.gov

Please Note: West Virginia has a very broad public records law. Most written communications to or from state employees regarding state business are public records available to the public and media upon request. Your e-mail communications, therefore, may be subject to public disclosure. **However**, if this e-mail concerns anticipated or current litigation or adversarial administrative proceedings to which the West Virginia Department of Environmental Protection is or would be a party, this e-mail is an attorney-client communication and is, therefore, exempt from the provisions of West Virginia's Freedom of Information Act. See, W.Va. code § 29B-1-4.

APPENDIX H – Regulatory Records

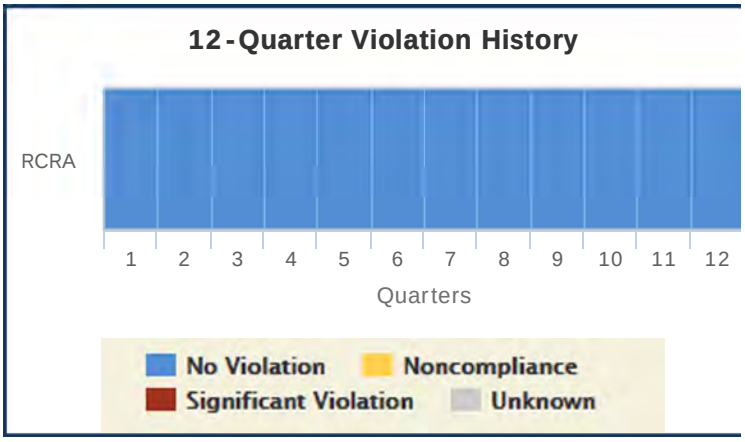
Detailed Facility Report

Facility Summary

ANCHOR GLASS CONTAINER CORP

WEXLER ROAD, KEYSER, WV 26726

FRS (Facility Registry Service) ID: 110006817490
EPA Region: 03
Latitude: 39.458521
Longitude: -78.957829
Locational Data Source: TRIS
Industry: Nonmetallic Mineral Product Manufacturing
Indian Country: N



Enforcement and Compliance Summary

Statute	Insp (5 Years)	Date of Last Inspection	Compliance Status	Qtrs in NC (Non-Compliance) (of 12)	Qtrs in Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
RCRA	--	10/28/1997	**No Violation**	0	0	--	--	--	--	--

Regulatory Information

Clean Air Act (CAA): No Information
Clean Water Act (CWA): No Information
Resource Conservation and Recovery Act (RCRA): Inactive ( ) Other (WVD122560329)
Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
Greenhouse Gas Emissions (eGGRT): No Information
Toxic Releases (TRI): 26726NCHRGWAXLE

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Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110006817490					N	39.458521	-78.957829
TRI	EP313	26726NCHRGWAXLE	Toxics Release Inventory	Last Reported for 1990			N	39.458521	-78.957829
RCR	RCRA	WVD122560329	Other	Inactive ( )			N	39.391111	-79.023611

Facility Address

System	Statute	Identifier	Facility Name	Facility Address
FRS		110006817490	ANCHOR GLASS CONTAINER CORP	WEXLER ROAD, KEYSER, WV 26726
TRI	EP313	26726NCHRGWAXLE	ANCHOR GLASS CONTAINER CORP	WAXLER RD, KEYSER, WV 26726
RCR	RCRA	WVD122560329	ANCHOR GLASS CONTAINER CORP	WAXLER RD IND PARK, KEYSER, WV 26726

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Desc
TRI	26726NCHRGWAXLE	3221	Glass Containers

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
TRI	26726NCHRGWAXLE	327213	Glass Container Manufacturing

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
No data records returned						

Entries in italics are not considered inspections in official counts.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Non-compliance)/HPV (High Priority Violation)	Description	Current As Of	Qtrs in NC (Non-Compliance) (of 12)
RCRA	WVD122560329	No		02/25/2017	0

Three Year Compliance Status by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12
RCRA (Source ID: WVD122560329)		04/01-06/30/14	07/01-09/30/14	10/01-12/31/14	01/01-03/31/15	04/01-06/30/15	07/01-09/30/15	10/01-12/31/15	01/01-03/31/16	04/01-06/30/16	07/01-09/30/16	10/01-12/31/16	01/01-03/31/17

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Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12
RCRA	**Facility-Level Status**												

Informal Enforcement Actions (5 Years)

Statute	Source ID	Type of Action	Lead Agency	Date
No data records returned				

Formal Enforcement Actions (5 Years)

Statute	Source ID	Type of Action	Lead Agency	Date	Penalty	Penalty Description
No data records returned						

ICIS (Integrated Compliance Information System) Case History (5 years)

Primary Law/Section	Case No.	Case Type	Lead Agency	Case Name	Issued/Filed Date	Settlement Date	Federal Penalty	State/Local Penalty	SEP (Supplemental Environmental Project) Cost	Comp Action Cost
No data records returned										

Environmental Conditions

Water Quality

Permit ID	Combined Sewer System?	Number of CSO (Combined Sewer Overflow) Outfalls	12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Waterbody Name (ICIS (Integrated Compliance Information System))	Impaired Waters	Impaired Class	Causes of Impairment(s) by Group(s)	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
No data records returned									

Waterbody Designated Uses

Reach Code	Waterbody Name	Exceptional Use	Recreational Use	Aquatic Life Use	Shellfish Use	Beach Closure Within Last Year	Beach Closure Within Last Two Years
No data records returned							

Air Quality

Non-Attainment Area?	Pollutant(s)
No	Ozone
No	Lead
Yes	Particulate Matter
No	Sulfur Dioxide

Pollutants

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Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases
No data records returned								

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name	2015	2014	2013	2012	2011	2010	2009	2008	2007
CHROMIUM									

Demographic Profile

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 US Census and American Community Survey data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA Locational Reference Table (LRT) when available.

Radius of Area:	3	Land Area:	99%	Households in Area:	3,190
Center latitude:	39.458521	Water Area:	1%	Housing Units in Area:	3,593
Center Longitude:	-78.957829	Population Density:	275/sq.mi.	Households on Public Assistance:	153
Total Persons:	7,730	Percent Minority:	10%	Persons Below Poverty Level:	3,677

Race Breakdown	Persons (%)	Age Breakdown	Persons (%)
White:	7,039 (91.06%)	Child 5 years and younger:	443 (5.73%)
African-American:	479 (6.2%)	Minors 17 years and younger:	1,489 (19.26%)
Hispanic-Origin:	98 (1.27%)	Adults 18 years and older:	6,241 (80.74%)
Asian/Pacific Islander:	31 (.4%)	Seniors 65 years and older:	1,404 (18.16%)
American Indian:	14 (.18%)		
Other/Multiracial:	167 (2.16%)		

Education Level (Persons 25 & older)	Persons (%)	Income Breakdown	Households (%)
Less than 9th Grade:	228 (4.39%)	Less than $15,000:	742 (21.93%)
9th through 12th Grade:	510 (9.82%)	$15,000 - $25,000:	541 (15.99%)
High School Diploma:	2,488 (47.88%)	$25,000 - $50,000:	1,115 (32.95%)
Some College/2-yr:	1,289 (24.81%)	$50,000 - $75,000:	490 (14.48%)
B.S./B.A. or More:	681 (13.11%)	Greater than $75,000:	496 (14.66%)

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APPENDIX I – Photo Documentation

Photograph # 1
Overview of the undeveloped portion of the site, facing north.

Photograph # 2
Overview of the former manufacturing facility and batch building.

Photograph # 3
Overview of the former manufacturing facility facing north.

Photograph # 4
View of well 1 on the site.

Photograph # 5
View of well 2 on the site.

Photograph #6 :
View of well 3 on the site.

Photograph # 7 :
Overview of the southeastern portion of the site, looking to the northeast. Note former dike area and AST saddles.

Photograph # 8 :
View of the former AST saddles and concrete pad.

Photograph # 9 :
View of potential fill port for former AST.

Photograph # 10 :
Overview of site looking to the northwest.

Photograph # 11 :
View of the eastern adjoining wastewater treatment plant entrance.

Photograph # 12 :
View of the northern adjoining property.

Photograph # 13 :
View of backside of the property facing west with adajacent property

Photograph # 14 :
View of the adajacent southestern property.

Photograph # 15 :
View of the north wall of building facing east

Photograph # 16 :
View of the north wall of building facing west.

Photograph # 17 :
View of the northeast corner of building facing south.

Photograph # 18 :
View of an unnamed tributary on the northern portion of the site.

Photograph # 19 :
View of ditch between entrances, west side of property facing south along Waxler Road.

Photograph # 20 :
View of propane above ground storage tanks,west side of site.

Photograph # 21 :
View of the facility dumpster, along the west entrance of the site.

Photograph # 22 :
Overview of the southeastern portion of the site, looking to the east. .

Photograph # 23 :
View of the solid waste debris on the southeastern portion of the site.

Photograph # 24 :
View of an in-operable vehicle on the southeastern portion of the site.

Photograph # 25 :
View of an equipment room on the southeastern portion of the site.

Photograph # 26 :
View of three (3) AST saddles.

Photograph # 27 :
View of former location of fuel oil AST.

Photograph # 28 :
View of a partially buired tank on the southeastern portion of the site.

Photograph # 29 :
View of remnant building structure on the southeastern portion of the site.

Photograph # 30 :
View of two (2) historic grain silos and leased truck parking on the southeastern portion of the site.

Photograph # 31 :
View of weight station along the southern portion of the site.

Photograph # 32 :
View of glass shards, southeast side near historic grain silos.

Photograph # 33 :
View of sewer manhole cover, southern side of the site.

Photograph # 34 :
View of former fuel oil pump station structure.

Photograph # 35 :
View the interior of the former fuel oil pump station structure.

Photograph # 36 :
View of a transformer on the southern portion of the site.

Photograph # 37 :
View of vertical storage tanks, south side of the site.

Photograph # 38 :
Overview of the truck loading area and southeastern portion of the site.

Photograph # 39 :
View of raw material storage silo.

Photograph # 40 :
View of a railroad line entering the property along the southern boundary of the site.

Photograph # 41 :
View of railroad line exiting the property going west.

Photograph # 42 :
View of the interior of the truck and rail loading area.

Photograph # 43 :
View of the unloading for train to basement.

Photograph # 44 :
View of water hookup, south side of property near silo.

Photograph # 45 :
View of water cooling tower, southwest side of property.

Photograph # 46 :
View of a hydraulic lift in the truck and rail loading area.

Photograph # 47 :
View of the railroad spur along the southern portion of the site.

Photograph # 48 :
View of natural gas service line on the southern portion of the site.

Photograph # 49 :
View of former transformer location on the southwest corner of site.

Photograph # 50 :
View of asphalt milling stockpiles along the southern portion of the site.

Photograph # 51 :
Typical view of the basement of the structure.

Photograph # 52 :
View of a water intrusion into the basement of the structure.

Photograph # 53 :
View of a floor drain that leads to a basement sump pump.

Photograph # 54 :
View of a sump pump in the basement of the structure.

Photograph # 55 :
View of the retrofitted oil/water separator in the basement of the structure.

Photograph # 56 :
View of a water intrusion into the basement of the structure.

Photograph # 57 :
View of the oven and manufacturing room on the first level of the strucutre.

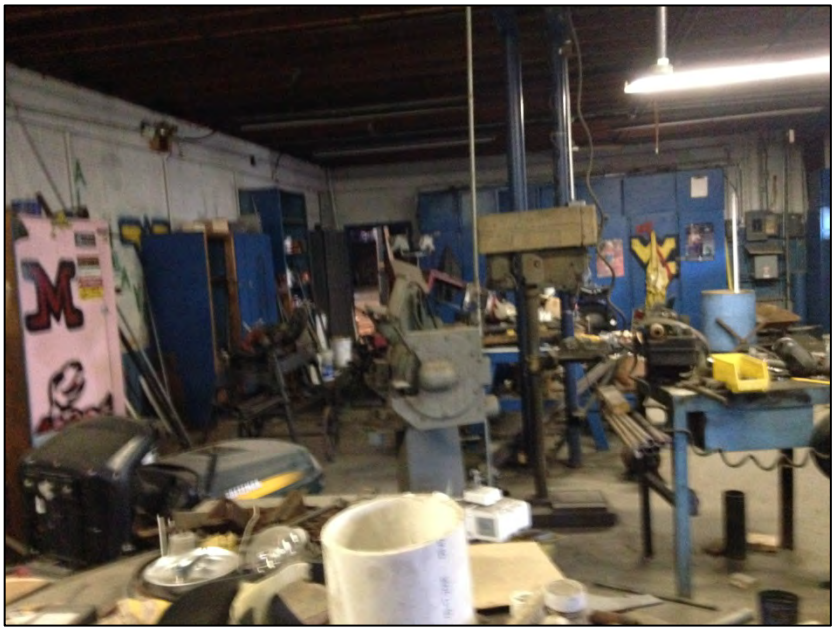
Photograph # 58 :
Overview of the oven in the manufacturing area of the structure.

Photograph # 59 :
View of typical fork lift in the leased warehouse portion of the structure.

Photograph # 60 :
View of typical material storage in glass warehouse.

Photograph # 61 :
View of typical paper storage in the leased warehouse portion of the structure.

Photograph # 62 :
View of sump pump pipe going to basement.



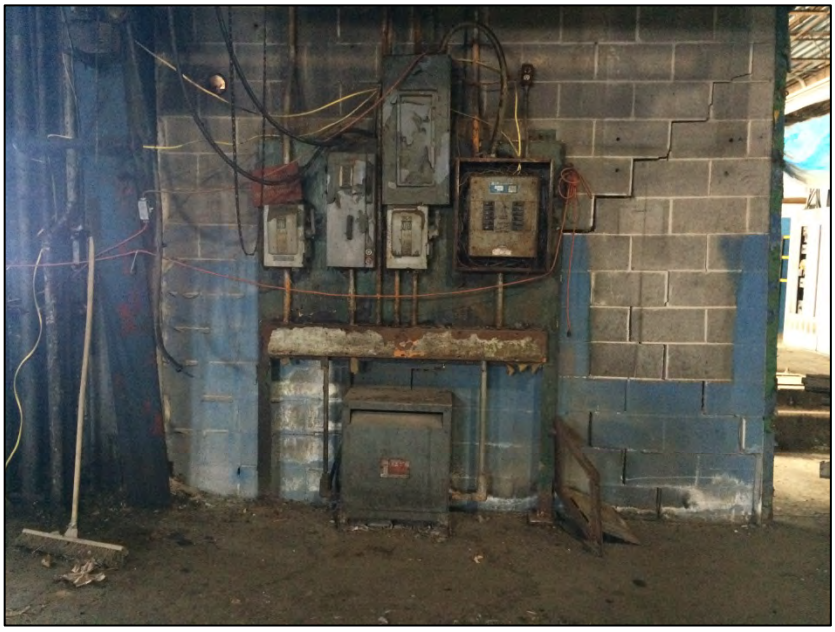
Photograph # 63 :
Overview of machine shop

Photograph # 64 :
View of air compressor in machine shop.

Photograph # 65 :
View of machine shop/garage.

Photograph # 66 :
View of breaker boxes for overhead fans.

Photograph # 67 :
View of breaker boxes with exposed wires.



Photograph # 68 :
View of breaker boxes and transformer.

Photograph # 69 :
View of large breaker box.

Photograph # 70 :
View of improperly stored oil drums.

Photograph # 71 :
View of storage shelf for paint and chemicals.

Photograph # 72 :
View of storage and paint

Photograph # 73 :
View of fire suppession pump and servie in the basement of the structure.

Photograph # 74 :
Breaker box in basement

Photograph # 75 :
View of oven in the basement.

Photograph # 76 :
View duct work for exhaust in the basement.

Photograph # 77 :
Typical view of manufacturing equipment.

Photograph # 78 :
View of manufacturing equipment.

Photograph # 79 :
View of labeling machine.

Photograph # 80 :
Overview of the former glass warehouse.

Photograph # 81 :
View of material hoppers.

Photograph # 82 :
View of second level office space.

APPENDIX J – Professional Qualifications

Paige Gardner –Environmental Scientist

The Thrasher Group, 600 White Oaks Boulevard, Bridgeport, WV 26330

Resume and Statement of Qualifications

Paige Gardner is an Environmental Scientist with The Thrasher Group, Inc. (Thrasher). She has over three years of experience in the consulting field as an environmental scientist. She has experience in a multitude of environmental projects, such as the National Pollution Discharge Elimination System (NPDES) construction stormwater permitting and environmental site assessments (ESAs) associated with American Society of Testing and Materials (ASTM) Phase I and Phase II ESAs. Ms. Gardner also has experience with the requirements of historical resources via consultations with State Historic Preservation Office (SHPO), National Historic Preservation Act (NHPA) of 1966 Section 106 Culture Resources Review, review of streams, wetlands and floodplains, visual inspection of sites, review of endangered and threatened species, consultations with the US Fish and Wildlife Service (FWS), Section 7 Endangered Species Act, review of wilderness areas, wildlife refuges, wild and scenic river corridors, review of state and federal parks, as well as other correspondence with a variety of federal, state, and local agencies.

Education

Bachelor of Science, Environmental Studies, Shepherd University

Certifications and Training

Wetland Delineation & Regional Supplement (38 hour)

Julie Barry, PG, LRS – Senior Environmental Scientist

The Thrasher Group, 600 White Oaks Boulevard, Bridgeport, WV 26330

Resume and Statement of Qualifications

Julie Barry is a Senior Environmental Scientist with The Thrasher Group, Inc. (Thrasher). She has over thirteen years of experience in the consulting field as an environmental geologist and project manager. She has experience in a multitude of environmental projects, such as the National Pollution Discharge Elimination System (NPDES) permitting and discharge monitoring reporting, environmental site assessments (ESAs) associated with American Society of Testing and Materials (ASTM) Phase I and Phase II ESAs, National Environmental Policy Act (NEPA), the United States Environmental Protection Agency (EPA) Superfund Program, West Virginia (WV) Voluntary Remediation Program (VRP), the WV Uniform Environmental Covenant Act (UECA) Program, the Brownfield Program, the WV Leaking Underground Storage Tank (LUST) Program, and the Pennsylvania Act 2 Program. Her specialties also include Site-Specific Sampling and Analysis Plans (SAP) including Field Sampling Plans, Health and Safety Plans (HASP), and Quality Assurance Project Plans (QAPP), site characterizations, remedial investigations, and underground storage tank removal. Ms. Barry also has experience with the requirements of historical resources via consultations with State Historic Preservation Office (SHPO), Section 106 Culture Resources Review, consultations with Tribal Historic Preservation Office (THPO), review of wetlands and floodplains, visual inspection of sites, review of endangered and threatened species, review of wilderness areas, wildlife refuges, wild and scenic river corridors, review of state and federal parks, and assessments of impacts of high intensity white lights and RF exposure. In addition, Ms. Barry also provides assistance to clients with the preparation of spill prevention and response plans, site-specific health and safety plans, and emergency response plans.

Education

Bachelor of Science, Geology, West Virginia University

Certifications and Training

OSHA 40 HAZWOPER Training and subsequent 8-hour refreshers
OSHA 8-hour Site Supervisor Training
MSHA 24 hour Training
Wetland Delineation & Regional Supplement (38 hour)
UST Regulations
Air Quality Permitting & Compliance
AHA Heart Saver First Aid CPR / AED
West Virginia Department of Environmental Protection Licensed Remediation Specialist
Professional Geologist (PG) Certification

Professional Affiliations

Air & Waste Management Association National Groundwater Association
Women's Energy Network
WV Chamber of Commerce
American Institute of Professional Geologists
Pennsylvania Council of Professional Geologists