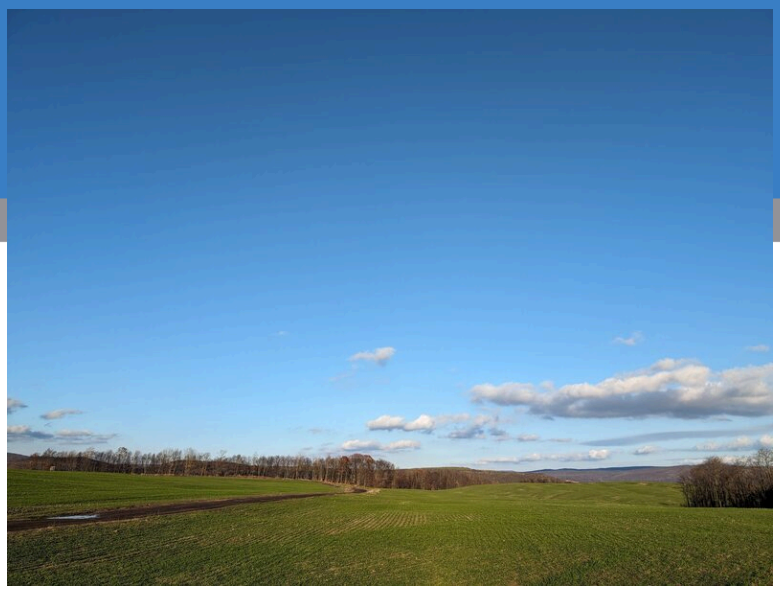
PHASE I ENVIRONMENTAL SITE ASSESSMENT



JADE MEADOW 3 SOLAR PROJECT

NEW GEORGES CREEK ROAD
WESTERNPORT, MARYLAND 21562

ECS PROJECT NO. 47:17729

FOR: JADE MEADOW III, LLC

FEBRUARY 21, 2024

February 21, 2024

Mr. Michael Svedeman
Jade Meadow III, LLC
575 5th Avenue
New York, New York 10017

ECS Project No. 47: 17729

Reference: Phase I Environmental Site Assessment Report, Jade Meadow 3 Solar Project, New Georges Creek Road, Westernport, Garrett and Allegany County, Maryland 21562

Dear Mr. Svedeman:

ECS Mid-Atlantic, LLC (ECS) is pleased to provide you with the results of our Phase I Environmental Site Assessment (ESA) for the referenced site. ECS's services were provided in general accordance with ECS Proposal No. 47:30137-EP authorized on October 17, 2023 and generally meet the requirements of ASTM E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, and in accordance with EPA Standards and Practices for All Appropriate Inquiries contained in 40 CFR Part 312.

If there are questions regarding this report, or a need for further information, please contact the undersigned.

Sincerely,

ECS Mid-Atlantic, LLC

Emily Grimes
Assistant Staff Project Manager
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Ryan J. Croyle, REM
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Project Summary

Jade Meadow 3 Solar Project
New Georges Creek Road
Westernport, Maryland 21562

Report Section		No Further Action	REC	CREC	HREC	BER	Comment
4.0	User Provided Information					✔	ECS considers the presence of mines and reclaimed mines on-site from at least 1947 through at least 2018 to represent a BER for the the property and a BER for the currently active mines on the subject property.
5.1	Federal ASTM Databases	✔					
5.2	State ASTM Databases		✔		✔		A former municipal landfill was located within the subject property. The presence of a former landfill with controls and active monitoring represents a HREC for the subject property. The OCP case in association with the Beener Coal Company presents a HREC for the subject property based on the closed regulatory status. The lack of post closure testing, or proper closing documents for the USTs at the BTC Trucking Company present a REC for the subject property.

Report Section		No Further Action	REC	CREC	HREC	BER	Comment
6.0	Historical Use Information		✔		✔	✔	A previous report identified several RECs associated with leaking hydraulic equipment and drums of various fluids. The Westernport landfill was located on the property and closed in 1992 in accordance with MDE regulations. It is currently in a post-closure sampling program administered by MDE until 2035 and presents a HREC for the subject property. Permitted distribution of sludge occurred throughout agricultural fields within the subject property and represents a HREC for the subject property. ECS considers the presence of mines and reclaimed mines on-site from at least 1947 through at least 2018 to represent a BER for the property as well as a BER for the currently active mines on the subject property.
7.0	Site and Area Reconnaissance		✔			✔	Leaking industrial equipment and drums throughout the property are believed to present a REC for the subject property; The presence of groundwater wells, septic systems, numerous unidentified drums, and ongoing mining related activities presents a BER for the subject property. ECS also observed numerous potentially jurisdictional features that could represent a BER for the subject property.
8.0	Additional Services	✔					

Report Section		No Further Action	REC	CREC	HREC	BER	Comment
9.0	Interviews					✔	ECS considers the presence of mines and reclaimed mines on-site from at least 1947 through at least 2018 to represent a BER for the subject property as well as a BER for the currently active mines on the subject property. Mr. Moran and Mr. Beneer both indicated the presence of pits, ponds, and/or lagoons on the property. These features could potentially represent a BER for the subject property. Mr. Moran discussed groundwater wells associated with some of the houses on the subject property. These wells could potentially represent a BER for the subject property.

ENVIRONMENTAL PROFESSIONAL STATEMENT

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

Ryan J. Croyle, REM
Vice President, Principal
February 21, 2024

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1.0 EXECUTIVE SUMMARY

ECS Mid-Atlantic, LLC (ECS) was contracted by Jade Meadow III, LLC to perform an ASTM International (ASTM) E1527-21, Phase I Environmental Site Assessment (ESA) of the Jade Meadow 3 Solar Project located at New Georges Creek Road in Westernport, Garrett and Allegany County, Maryland (i.e. subject property). This Executive Summary is an integral part of the Phase I ESA report. ECS recommends that the report be read in its entirety.

The subject site is referenced as the Jade Meadows III limit of disturbance (LOD), consisting of an approximately 4,456-acre tract of land that is currently developed. During the Phase I ESA, Jade Meadow III, LLC provided, a more defined description of the subject site that represents the proposed project limit of disturbance (LOD) that includes 32 parcels identified by Maryland Department of Assessments and Taxation (MDAT). The parcels within the LOD consist of the following: PINs 1204003918, 1204004000, 1204004019, 1204004043, 1204004051, 1204004094, 1204004108, 1204004116, 1204004124, 1204004132, 1204004140, 1204004159, 1204004167, 1204004175, 1204004183, 1204004426, 1204005309, 1204005317, 1204006658, 1204004078, 1204004086, and 0108012989 owned by Moran Coal Company; PINs 1211000118, 1211000193, 1211000231, 1211001424, 1211001483, 1211001564, 1211001602, 0109005080, and 0109005080 owned by BTC Development; PIN 1204003683 owned by Meadowland Properties; and, PIN 1211003125 owned by David and Donna Walter. The property is occupied by a mix of grass-covered land and wooded land, multiple dirt-covered roads, a farmhouse with associated outbuildings, an airport, and multiple active and reclaimed mining areas. The office structures on the subject property are serviced by groundwater wells and septic sewer systems and are heated by electricity. The machine shop buildings present on the east-adjoining Tri-Star property are heated with waste oil. The historical and regulatory sources provided by EDR are associated with 53 parcels. This 53-acre property was reduced to the LOD, which consists of 32 parcels. The 32-parcel property and LOD represent the subject site.

The subject property is located in a rural area of Westernport, Maryland. Based on our review of site topography and conditions observed during the site reconnaissance, it is our professional opinion that properties to the north and west are presumed to be hydrogeologically up-gradient of the subject property. The adjoining properties to the north and west of the subject property consist of wooded land, the land to the east consists of Georges Creek and the town of Barton to the northeast and the town of Westernport to the southeast; and the North Branch Potomac River followed by wooded land and the town of Bloomington, WV to the south. ECS did not identify environmental issues associated with current occupants or activities at adjoining or nearby properties that are believed to present a recognized environmental condition (REC) at the subject property.

According to historical records research and other sources, the site has historically been a mixture of active mines, reclaimed mines, farmland, and forested land. Throughout time the locations of the mines have migrated as old areas are backfilled and new mines are excavated. Indications of recognized environmental conditions were identified in the historical data review. Historical records prior to 1895 were not reasonably ascertainable for the subject property.

ECS previously conducted a Phase I Environmental Site Assessment for this subject property in August 2023 and a report revision in September 2023 (ECS Project number 47:17112). The report indicated that the subject property was a rural area utilized primarily for mining operations, logging activities, farmland, and some interspersed residential properties. ECS identified several on-site and/or off-site RECs, HRECs, SDGs, and BERs and/or other considerations at the time of the previous Phase I ESA which are referenced in the previous reports section.

A regulatory database search report was provided by EDR. The database search involves researching a series of Federal, State, Local, and other databases for facilities and properties that are located within specified minimum search distances from the subject property. The report identified the subject property on the databases researched including the AIRS, ECHO, FINDS, NPDES, MRDS, Abandoned Mines, and US Mines in association with the mining and reclamations activities occurring on the subject property, the MD OCPCASES, AST and UST databases in association with the tanks present on the subject property, and on the State EC, in reference to a double walled control with steel and no containment was implemented on the property. The EDR report identified several off-site properties within the minimum ASTM search distances. Based on our review of reasonably ascertainable public records, issues associated with the listings in the database report are not believed to represent a REC for the subject property.

We have performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM E1527-21 of the Jade Meadow 3 Solar Project located at New Georges Creek Road, in Westernport, Garrett and Allegany County, Maryland, the subject property. Any exceptions to, or deletions from, this practice are described in Section 2.6 of this report. This assessment has revealed the following recognized environmental conditions (RECs) in connection with the subject property:

- Leaking industrial equipment and an AST leaking within secondary containment at the Moran Airfield is considered to represent a REC for the subject property.
- Leaking industrial equipment in association with the active mine on the Moran Coal properties is considered to represent REC for the property due to the active leaking of what appeared fuel and hydraulic fluid.
- Three out-of-use pole-mounted transformers observed to be partially covered within a gravel pile present on the Moran Coal active mining site represent a REC for the subject property due to improper handling and/or abandonment and lack of ability to view the bottom of the transformers.
- Actively leaking above-ground fuel dispensers in association with the warehouses on the adjacent Tri-Star mining property are considered to present REC for the property due to the active leaking of diesel fuel.

This assessment has revealed the following historical recognized environmental conditions (HREC) in connection with the subject property:

- The subject property address was identified on the OCP Cases database. The subject property was listed as **Beener Coal Co/BTC Trucking, 2278 Michael Road**; however, this listing is associated with the adjacent property. OCP Case #9-0477GA was opened on August 25, 1988. There were no records indicating whether a release or clean-up took place, but the case was closed on March 21, 1994. Based on the closed regulatory status, ECS considers

this listing to present a HREC for the subject property. A Public Information Act (PIA) request was been submitted to the MDE for more information on this facility, but the MDE indicated that they had no records pertaining to the facility. Based on the LOD, this facility is located on the east adjoining property and is considered to represent an HREC for the subject site.

- The Westernport Landfill operated as a municipal and industrial landfill within both the initial and updated subject property between 1970 and 1992. It was closed in accordance with the MDE and a non-synthetic cap was installed in 1994 followed by an impermeable synthetic cap in 2004. The property is enrolled in a post-closure sampling program for groundwater and methane monitoring administered by the MDE, which will continue until 2035. The presence of a former landfill with controls and active monitoring represents a HREC for the subject property.
- Based on a file review with Garrett County Health Department, a mixture of paper, pulp, and materials from a wastewater treatment plant has been used for topdressing within agricultural fields in the central and eastern portions of the subject property since at least 1982. Additionally, it was also documented that the sludge was used to deep-fill strip mine pits owned by Moran Coal Company. It is unclear if this activity is still ongoing, but the most recent sewage sludge utilization permit available in the file review was issued by the Maryland Department of the Environment (MDE) on June 15, 2018 and expired on June 14, 2023. This activity was permitted and authorized by the MDE and the Upper Potomac River Commission (UPRC). Dioxin sampling test results from 1997 and 1998 showed that no dioxins were detected at the time of sampling. Based on the permitted and authorized nature of the activity and the ongoing monitoring, ECS believes this activity represents a HREC for the subject property.

The following Significant Data Gaps (SDGs) were identified during this assessment:

- The subject property was listed as **BTC Trucking, Inc., 2278 Michael Road** (Facility ID: 255). The locations of these tanks are unknown. Based on the lack of a post-closure sampling date, ECS considers these tanks to represent a SDG for the subject site. A PIA request was been submitted to the Maryland Department of the Environment (MDE) for more information on this facility, but they indicated that they did not have any available information. This listing appears to be associated with the east adjoining property.
- An abandoned house on the central-western portion of the property was observed to have UST fill ports. The house was inaccessible at the time, and the ports, as well as the rest of the house's interior, could not be further observed during site reconnaissance. ECS considers the inability to access the building a SDG.
- Several monitoring wells were observed throughout the subject property. Neither the MDE nor the property owners had any additional information pertaining to the purpose of the monitoring wells. As such, the lack of documentation from the MDE and property owners is considered to be a significant data gap.

The following Business Environmental Risks (BERs) and/or additional considerations were identified:

- Numerous groundwater wells were identified throughout the subject property.
- One suspected septic system was observed on the Moran Coal property in relation to the farmhouse residence present on the southern portion of the subject property, along with one additional system present on the Tri-Star property associated with the offices on site.

- The Tri-Star and Moran mining operations within the property restricted some of our access to the mines during our site reconnaissance. As long as these mines are following both state and federal guidelines, the current mining operations are considered a BER.
- Numerous drums, tanks, and other containers of various sizes were scattered throughout the subject property. The observed drums were situated on soil, concrete, and asphalt surfaces.
- The reclaimed mines on the site represent a BER for the subject property. The mines are backfilled with coal ash which the MDE is aware of and has been actively testing and monitoring since 2000. The coal ash is used for reclamation purposes and the MDE stated that testing is conducted 3 to 4 times a year utilizing the TCLP method of laboratory analysis. Since the site will remain in commercial use, ECS considers this a BER.
- The cordoned-off area labeled with asbestos tape is considered to represent a BER for the subject property
- Several suspect wetlands and streams were observed during the site reconnaissance and may be potentially jurisdictional. Mr. Moran and Mr. Beneer also indicated the presence of pits, ponds, and lagoons throughout their properties. Potentially jurisdictional features may represent a BER for the subject property.
- Irregular coloration patterns were observed in several streams and rivers interspersed throughout the site. It is suspected that these abnormal colors in the water may be associated with acid mine drainage. The potentially contaminated water could present a BER for the subject property.

Table of Critical Dates

Item	Date
Report Issuance Date & Declaration by Environmental Professional	February 21, 2024
Date of Interview with Past and Present Owners and Occupants	December 27, 2023, January 2, 2024, January 11, 2024, and January 24, 2024
Date of Recorded Environmental Cleanup Lien Search	N/A
Date of Government Record Review Report	November 13, 2023
Date of Visual Inspection of Subject and Adjoining Properties	October 23, 2023 through October 27, 2023, November 1, 2023 through November 3, 2023, November 6, 2023 through November 10, 2023, November 20, 2023 through November 22, 2023, November 27, 2023 through November 30, 2023.
Earliest Date of Interviews, Lien Search, Record Reviews, and Inspections	October 23, 2023
Report Viability Date	April 20, 2024

According to ASTM E1527-21: "...an environmental site assessment meeting or exceeding this practice is presumed to be viable when it is conducted within 180 days prior to the date of acquisition of the subject property (or, for transactions not involving an acquisition such as a lease or refinance, the date of the intended transaction). The dates of the components presented in 4.6.2(i), (iii), (iv), and (v) for interviews, review of government records, visual inspections, and declaration by environmental professional, shall be identified in the report. Completion of searches for recorded environmental cleanup liens (4.6.2(ii)) is a user responsibility; however, if the user has engaged the environmental professional to conduct these searches, then that date shall also be identified in the report." The 180-day viability period begins with the date of the earliest referenced resource noted above.

ECS was neither contracted to obtain information on environmental liens or activity and use limitations (AULs) nor have we been provided with information on environmental liens or AULs for our review. It should be noted by the User of this report that if the User does not obtain AUL

information, the User that is seeking to qualify for an innocent landowner, a contiguous property owner, or a bona fide prospective purchaser liability defense may lose these rights to qualify under Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

2.0 INTRODUCTION

ECS was contracted by Jade Meadow III, LLC to perform an ASTM E1527-21, Phase I Environmental Site Assessment (ESA) of the Jade Meadow 3 Solar Project located at New Georges Creek Road in Westernport, Garrett and Allegany County, Maryland (i.e. subject property). A Site Location Map is provided in Appendix I.

2.1 Purpose and Reason for Performing Phase I ESA

The purpose of the ESA was to:

- identify the presence or likely presence of hazardous substances and/or petroleum in, on, or at the subject property due to a release (defined by 42 United States Code (USC) 9601.22) and/or likely release; or under conditions that pose a material threat of a future release in accordance with ASTM E1527-21. (Note: presence or likely presence of hazardous substances or petroleum in, on, or at the subject property may originate from onsite or offsite sources);
- conduct all appropriate inquiries as defined by ASTM E1527-21 and 40 Code of Federal Regulations (CFR) Part 312; and,
- provide a professional opinion regarding Recognized Environmental Conditions (RECs), Controlled Recognized Environmental Conditions (CRECs), and Historical Recognized Environmental Conditions (HRECs), as defined by ASTM E1527-21, in, on, or at the subject property.

The ESA should allow the Users the opportunity to qualify for landowner liability protection under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) provided certain stipulations are met. The landowner liability protections are: an innocent landowner, a contiguous property owner, or a bona fide prospective purchaser. The User must meet the protection stipulations detailed in CERCLA to qualify as well as meet the User Obligations contained within the ASTM E1527-21 standard.

This ESA was requested by Jade Meadow III, LLC in anticipation of a solar lease agreement. Therefore, ECS understands that the purpose of the ESA is to identify likely sources of releases to assist User with obtaining information as needed for the financial/business decisions of the User.

2.2 Scope of Services

The environmental assessment was conducted in general accordance with ASTM E1527-21, which is in accordance with EPA Standards and Practices for All Appropriate Inquiry (40 CFR §312.10). The environmental assessment was conducted under the supervision or responsible charge of an individual that qualifies as an environmental professional, as defined in 40 CFR §312.10.

ECS was contracted by Jade Meadow III, LLC to perform an ASTM E1527-21, Phase I Environmental Site Assessment (ESA) of the Jade Meadow 3 Solar Project located at New Georges Creek Road in Westernport, Garrett and Allegany County, Maryland. ECS was not contracted to conduct additional services beyond the scope of a base ASTM E1527-21 Phase I ESA as part of this assessment.

2.3 Definitions

ASTM E1527-21 defines a "*recognized environmental condition (REC)*" as "(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment." For the purposes of this definition, "likely" is that which is neither certain nor proved, but can be expected or believed by a reasonable observer based on the logic and/or experience of the environmental professional, and/or available evidence, as stated in the report to support the opinions given therein.

ASTM E1527-21 defines a "*historical recognized environmental condition (HREC)*" as "a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations). A historical recognized environmental condition is not a recognized environmental condition."

ASTM E1527-21 defines a "*controlled recognized environmental condition (CREC)*" as "recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations)."

ASTM E1527-21 defines a "*business environmental risk (BER)*" as "a risk that can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice." This assessment does not include ASTM Non-Scope items or identify business environmental risks unless specifically requested by the Client, and included in Section 8.0 of this report.

ASTM E1527-21 defines a "*de minimis condition" as "a* condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. A condition determined to be a *de minimis* condition is not a recognized environmental condition nor a controlled recognized environmental condition."

2.4 Limitations

The ESA involved a reconnaissance of the subject property and contiguous properties and a review of regulatory and historical information in general accordance with the ASTM standard and EPA regulation referenced herein. Non-scope considerations or additional issues such as asbestos, radon, wetlands, or suspected microbial growth were not assessed unless otherwise described in Section 8.0 of this report.

Note: Although potential vapor migration was considered as part of this ASTM E1527-21 Phase I ESA, the Phase I ESA was not intended to fully meet the requirements of the Vapor Encroachment Screen per the ASTM E2600 guide, which is beyond the scope of an ASTM E1527-21 Phase I ESA.

The conclusions and/or recommendations presented within this report are based upon a level of investigation consistent with the standard of care and skill exercised by members of the same profession currently practicing in the same locality under similar conditions. The intent of this assessment is to identify the potential for recognized environmental conditions in connection with the subject property; however, no environmental site assessment can completely eliminate uncertainty regarding the potential for recognized environmental conditions in connection with the subject property. The findings of this ESA are not intended to serve as an audit for health and safety compliance issues pertaining to improvements or activities at the subject property. ECS is not liable for the discovery or elimination of hazards that may potentially cause damage, accidents or injury.

Observations, conclusions and/or recommendations pertaining to environmental conditions at the subject property are necessarily limited to conditions observed, and or materials reviewed at the time this study was undertaken. It was not the purpose of this study to determine the actual presence, degree or extent of contamination, if any, at this subject property. This could require additional exploratory work, including sampling and laboratory analysis. No warranty, expressed or implied, is made with regard to the conclusions and/or recommendations presented within this report.

This report is provided for the exclusive use of Jade Meadow III, LLC. This report is not intended to be used or relied upon in connection with other projects or by other unidentified third parties. The use of this report by any undesignated third party or parties will be at such party's sole risk and ECS disclaims liability for any such third party use or reliance. The use of this report is subject to the same terms, conditions and scope of work reflected in this report and the associated proposal.

2.5 Data Gaps

ASTM E1527-21 defines a "*data gap*" as: "a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information." A *"significant data gap"* is "a data gap that affects the ability of the environmental professional to identify a recognized environmental condition."

Use of the subject property was generally documented back to 1895. Historical use of the subject property prior to 1895 could not be discerned based on reasonably ascertainable records reviewed. The ASTM E1527-21 standard requires review of reasonably ascertainable historical resources to develop a history of previous uses of the subject property, adjoining properties, and surrounding area from 1940 or first developed use, at intervals not to exceed five years. Review of reasonably ascertainable historical sources for this assessment has identified gaps in the historical record that exceeded five years during which the use of the subject property could not be discerned, which is considered a data failure per ASTM E1527-21.

Other significant data gaps that would be expected to limit ECS's ability to identify RECs or render a professional opinion concerning the subject property were identified during this assessment. They are described below:

- The subject property was identified in EDR as **BTC Trucking, Inc., 2278 Michael Road;** however, this listing is associated with the adjacent property. ECS has submitted a PIA request to the MDE to identify the locations of the USTs which are associated with this OCP Case. MDE stated that they did not have any files relating to the listing. As such, the lack of documentation from the MDE is considered to be a significant data gap.
- An abandoned house on the central-western portion of the property was observed to have UST fill ports. The house was inaccessible at the time, and the ports, as well as the rest of the house's interior, could not be further examined during site reconnaissance. As such, the inability to access a structure with apparent USTs is considered to be a significant data gap.
- Several monitoring wells were observed throughout the subject property. Neither the MDE nor the property owners had any additional information pertaining to the purpose of the monitoring wells. As such, the lack of documentation from the MDE and property owners is considered to be a significant data gap.

2.6 Limiting Conditions/Deviations

ASTM E1527-21 requires that the Environmental Professional identify limiting conditions, deletions, and deviations from the ASTM E1527-21 standard, if any, including client-imposed constraints.

The following conditions that limited our ability to observe the subject property and/or identify RECs were encountered while conducting this Phase I ESA:

- ECS was unable to access some interior portions of subject property, including the residences present on the wester-central and southern portions of the Moran Coal property, two (2) of the airplane hangars on the Moran Airfield, three (3) repair shops associated with Tri-Star mining operations on the north-central portion of the subject property, and two (2) abandoned modular units. The Tri-Star and Moran mining operations within the property restricted some of our access to the mines during our site reconnaissance. ECS cannot attest to environmental conditions within areas that were not directly observed.
- Dense vegetation covered portions of the subject property and may have obscured environmentally significant features and direct observation of the ground surface.
- Snow cover obscured the surface of the subject property between the days of November 28, 2023 and November 30, 2023 and may have obscured environmentally significant surface features and/or prevented direct observation of the ground surface.
- Heavy rain occurred on November 21, 2023 and may have obscured environmentally significant features and the direct line of sight.
- Mining permits were noted to be available according to the MDE, however they were not reasonably ascertainable within the timeframe of this Phase I ESA.
- Monitoring wells were observed throughout the site, but no information pertaining to the purpose of those wells from MDE nor the property owners was available for review.

The scope of this assessment was not intended to deviate from the ASTM E1527-21 Standard Practice unless otherwise noted within this report.

3.0 SUBJECT PROPERTY DESCRIPTION

A general description of the Subject Property is provided in the following Section. A Site Location Map is provided as **Figure 1**, a Topographic Map is provided as **Figure 2**, and a Site Layout/Vicinity Map is provided as **Figure 3A-D** located in Appendix I

3.1 Subject Property Location and Legal Description

Site Name	Jade Meadow 3 Solar Project
Property Address	New Georges Creek Road
Property City, State	Westernport, Maryland
Property County	Garrett and Allegany County
Number of Parcels	32 parcels
Property ID Number(s)	Please see property ID numbers below with their associated legal description.
Property Size	4,456 acres.
Property Owner of Record	Moran Coal Company, BTC Developments, Meadowland Properties, LLC, and David and Donna Clark

Property Legal Description	1204003918- 21.34 AC E/S WESTERNPORT RD SW MICHAELS RUN 1204004000- 1.00 AC S/S AARON RUN RD MICHAELS RUN 1204004019- 310.87 AC E/S WESTERNPORT RD AARON RUN 1204004043- 168.75 AC W/S WESTERNPORT RD MICHAELS RUN 1204004051- 552.34 AC N/S WESTERNPORT RD FRANKLIN HILL 1204004094- 107.58 AC S/S AARON RUN RD MICHAELS RUN 1204004108- 175.50 AC W/S WESTERNPORT RD WESTERNPORT PVT MGT PRG 1204004116- 164.00 AC W/S WESTERNPORT RD BLOOMINGTON PVT MGT PRG 1204004124- 472.00 AC S/S AARON RUN RD PHOENIX HILL PVT MGT PRG 1204004132- 237.50 AC N/S & S/S WESTERNPORT RD MICHAELS RUN RD 1204004140- 58.54 AC N/S MICHAEL RN RD MICHAELS RUN PVT MGT PRG 1204004159- 327.85 AC S/S WESTERNPORT RD BLOOMINGTON PVT MGT PRG 1204004167- 97.34 AC N/S WESTERNPORT RD SW MICHAELS RUN PVT MGT PRG 1204004175- 150.00 AC E/S WESTERNPORT RD GEORGES CREEK PVT MGT PGM 1204004183- 92.50 AC W/S WESTERNPORT RD AARON RUN 1204004426- 509.19 AC N/S SAVAGE RIVER AT BLOOMINGTON WESTERNPORT PVT MGT PRG 1204005309- 112.50 AC 1/2 IN GAR CO 1/2 IN ALL CO GANNON PVT MGT PRG 1204005317- 59.2O AC E/S WESTERNPORT RD FRANKLIN PVT MGT PRG 1204006658- 103.50 AC PHOENIX HILL FRANKLIN PVT MGT PRG 1211000118- 88.56 AC S/S RUSSELL RD BARTON RESERVOIR 1211000193- 57.69 AC N/S MICHAEL RD BARTON RESERVOIR 1211000231- 223.11 AC NE/S MICHAEL RD BARTON RESERVOIR 1211001424- 56.19 AC S/S RUSSELL RD BARTON 1211001483- 151.50 AC E/S RUSSELL RD BARTON 1211001564- 192.76 AC X RUSSELL & MICHAEL RD BARTON RESERVOIR 1204004078- 16.29 AC NE/S WESTERNPORT RD SW FRANKLIN HILL PVT MGT PRG 1204004086- 5.17 AC S/S AARON RUN RD MICHAELS RUN 1211001602- 834.56 AC E/S WESTERNPORT RD BARTON 1204003683- 102.88 AC N/S AARON RUN RD BARTON 1211003125- 133.00 AC NE/S RUSSELL RD BARTON 108012989- 230.788A PHOENIX HILL

	109005080- 48.25A END OF MILL RUN RD AT GARRET CO LINE SW BARTON

3.2 Physical Setting and Hydrogeology

United States Geological Survey (USGS) Topographic Map	
Quad Designation	Westernport, MD and Barton, MD
Date	2023
Physical Settings	
Geologic Province	Eastern Piedmont
Average Subject Property Elevation (in feet or meters)	The subject property ranges from approximately 960 feet above mean sea level (AMSL) to approximately 2,765 feet AMSL.
General Sloping Direction	The subject property generally slopes down to the northeast, east, and south towards Butcher Run, Georges Creek, and the North Branch Potomac River respectively. There are multiple areas of local topographic relief located throughout the subject property.
Bodies of Water	Portions of Aaron Run, Michaels Run, Mill Run, Butcher Run, and numerous ponds and unnamed streams
Presumed Direction of Groundwater Flow	Northeast, east, and south off of the mountainside with areas of topographic relief located throughout the site.
Presumed Hydrogeological Up-gradient Direction	West and northwest
General Directions of Surface Flow	Northeast, east, and south off of the mountainside with areas of topographic relief located throughout the site.

Regional influences such as dewatering, karst conditions, impermeable soils, and topographic changes may have an impact on groundwater flow. The actual groundwater flow direction cannot be determined without site-specific information obtained through the gauging of groundwater monitoring wells.

3.3 Current Use and Description of the Site

The original subject property consists of 32 parcels and approximately 4,456 acres, which is consistent with the Jade Meadows III LOD. The land consists of both developed and undeveloped areas. The property is occupied by a mix of grass-covered land and wooded land, multiple

dirt-covered roads, a farmhouse with associated outbuildings, an airport, and multiple active and reclaimed mining areas. The subject property is located in an area that can generally be described as rural and industrial.

4.0 USER PROVIDED INFORMATION

The ASTM standard includes disclosure and obligations of the User to help the Environmental Professional identify the potential for Recognized Environmental Conditions associated with the subject property. The ASTM E1527-21 User Questionnaire was submitted to and completed by Nayo Parrett, representing Jade Meadow III, LLC (User of the report). Section 4.0 is based on the completed User Questionnaire. A copy of the completed User Questionnaire is included in Appendix II.

4.1 Title Information

ECS was not provided with title information by the User. If this information is provided following the issuance of this report and information contained therein materially changes the outcome of this report, ECS will issue an addendum to this report.

4.2 Environmental Liens or Activity and Use Limitations

The User stated they believed there may be AULs associated with historic and active mining activities that have taken place on the property.

4.3 Specialized Knowledge

The User indicated that they did not possess specialized knowledge of the subject property.

4.4 Commonly Known or Reasonably Ascertainable Information

The User indicated that they are aware of historic and active mining permits associated with the property. They indicated that any chemicals present on the property would likely be associated with mining activities and specific spills/release are not known. Mining reclamation permits and closure documents for several areas are available.

4.5 Valuation Reduction for Environmental Issues

According to the User, the purchase price being paid for the subject property reasonably reflects its fair market value.

4.6 Owner, Property Manager, and Occupant Information

Owner, manager, and occupant information was not provided by the User.

4.7 Degree of Obviousness

The User indicated that historic and active mining activities are obvious indicators that point to the presence or likely presence of contamination at the property.

5.0 RECORDS REVIEW

A regulatory records search of ASTM standard and supplemental databases was conducted for the subject property and is included in Appendix III. The regulatory search report in the appendix includes additional details about the regulatory databases that were reviewed. The regulatory records search involves searching a series of databases for facilities that are located within a specified distance from the subject property. The ASTM standard specifies an approximate minimum search distance from the subject property for each database. Pursuant to ASTM, the approximate minimum search distance may be reduced for each standard environmental record except for Federal NPL site list, and Federal RCRA TSD list. According to ASTM, government information obtained from nongovernmental sources may be considered current if the source updates the information at least every 90 days or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public. The following table indicates the standard environmental record sources and the approximate minimum search distances for each record.

Standard Environmental Record Sources	Approximate Minimum Search Distance Per ASTM (miles)	Subject Property	Off-Site Properties
Federal NPL	1.0	No	0
Federal Delisted NPL	0.5	No	0
Federal CERCLIS	0.5	No	0
Federal CERCLIS NFRAP	0.5	No	0
Federal RCRA CORRACTS	1.0	No	0
Federal RCRA non-CORRACTS TSD	0.5	No	0
Federal RCRA Generators	Subject Site and Adjoining Properties	Yes	0
Federal IC/EC	Subject Site Only	No	N/A
Federal ERNS	Subject Site Only	No	N/A
State and Tribal Hazardous Waste Sites (NPL Equivalent)	1.0	No	0

Standard Environmental Record Sources	Approximate Minimum Search Distance Per ASTM (miles)	Subject Property	Off-Site Properties
State and Tribal Hazardous Waste Sites (CERCLIS Equivalent)	0.5	No	0
State and Tribal Landfill and/or solid waste disposal sites	0.5	No	0
State and Tribal Leaking Tanks	0.5	Yes	18
State and Tribal Registered UST and AST	Subject Site and Adjoining Properties	Yes	2
State and Tribal IC/ EC	Subject Site Only	Yes	N/A
State and Tribal Voluntary Cleanup (VCP)	0.5	No	0
State and Tribal Brownfield Sites	0.5	No	0

Based on our knowledge of the subject property and the surrounding area, ECS attempts to verify and interpret this data. While this attempt at verification is made with due diligence, ECS cannot guarantee the accuracy of the record(s) search beyond that of information provided by the regulatory report(s). ECS makes no warranty regarding the accuracy of the database report information included within the regulatory report(s).

The regulatory database search was performed by EDR, and their report is dated November 13, 2023. ECS did not modify the minimum ASTM search distances stipulated in the standard. The regulatory databases reviewed by ECS included supplemental databases researched by EDR.

5.1 Federal ASTM Databases

5.1.1 Federal RCRIS - Generators

RCRIS identifies facilities that generate hazardous wastes as defined by the RCRA. Very small quantity generators (VSQG) (previously identified as conditionally exempt small quantity generators or CESQGs) generate less than 100 kilograms of hazardous waste, or less than 1 kilogram of acutely

hazardous waste, per month. Small quantity generators (SQGs) generate between 100 and 1,000 kilograms of hazardous waste per month. Large quantity generators (LQGs) generate more than 1,000 kilograms of hazardous waste or more than 1 kilogram of acutely hazardous waste per month.

Zero (0) off-site properties within the minimum search distance of inquiry (adjacent) or within 0.25 miles of the subject property were reported as being on the Federal RCRIS Generators database. One (1) onsite and three (3) off-site properties within 0.25-miles of the subject property were identified on the RCRA Non-Generator (NonGen)/No Longer Regulated (NLR) database, which tracks properties that do not presently generate hazardous waste but were previously listed as generators. One (1) onsite property is discussed below:

Westvaco Resources Inc. (No Address Reported). This listing (EPA ID: MDD089949283) is reported on the southeast portion of the subject property; however the geocoding maps to a forested area of the subject property. Based on the Westvaco listings for 300 Pratt Street it appears that this point has been mis-geocoded and does not reside on the subject property and instead is present approximately 600 feet southeast of the subject property. This site is listed as a non-generator of ignitable waste, corrosive waste, tetrachloroethylene, trichloroethylene, methylene, chloride, etc. No violations have been reported regarding this facility. Based on distance, issues at this site are not considered to present a REC for the subject property.

ECS has reviewed the remaining off-site listings reported by EDR on the RCRA database. These other off-site listings are reported more than 600 feet away from the subject property. Based on the distance from the subject property and/or relative topographic position, ECS does not believe these off-site listings would have issues that present a REC for the subject property. Additional information pertaining to these listings can be viewed in the regulatory report included in Appendix III.

5.2 State ASTM Databases

5.2.1 Solid Waste Facilities/ Landfill (SWL) List

The SWL is a list of state-permitted solid waste facilities. These facilities may be active or inactive facilities or open dumps that failed to meet Resource Conservation and Recovery Act (RCRA) Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

The subject property was identified on the SWL database. The subject property was listed as a former municipal landfill, Westernport Landfill. There is no official address associated with the site, but it was believed to be located approximately 1.8 miles northwest of Westernport (39.4988904°, -79.0733340°). The last lift was reported to be in February of 1992 and was capped with 5-6 feet of soil/fly ash. The facility area was estimated to be approximately 12 acres. ECS has submitted PIA requests about this listing but has not received any responses at the time of this report. The presence of a former landfill with controls and active monitoring represents a HREC for the subject property.

5.2.2 Maryland Oil Control Program (OCP) Cases

The Maryland Oil Control Program (OCP) Cases database is an inventory of cases monitored by the MDE. These cases can be leaking underground storage tanks and other belowground releases, leaking aboveground storage tanks, spills, inspections, or installations/removals.

The subject property address was identified on the OCP Cases database. The subject property was listed as **Beener Coal Co/BTC Trucking, 2278 Michael Road**; however, this listing is associated with the adjacent property. OCP Case #9-0477GA was opened on August 25, 1988. There were no records indicating whether a release or clean-up took place, but the case was closed on March 21, 1994. Based on the closed regulatory status, ECS considers this listing to present a HREC for the subject property. A PIA request has been submitted to the MDE for more information on this facility, but no information has been received at the time of this report. If pertinent information changes the conclusion of the report is received following the completion of the report, ECS will update the report accordingly.

The database report lists 17 properties within the designated search radius for this database. Six (6) of these properties are discussed below:

Moran Manor Nursing Home, 25701 Shady Lane, SW. This listing is located approximately 124 feet from the subject property adjoining the southeastern border. This site is situated in a down-gradient hydrogeological position relative to the western portion of the subject property and up-gradient of the eastern portion of the subject property. OCP Case #09-0106AL was opened on August 11, 2008 and dealt with a motor/lube oil tank closure. No release or clean-up was reported and the case was closed on February 26, 2010. Based on the lack of a reported release, issues at this site are not considered to present a REC for the subject property.

Luke Exxon, 99 Pratt Street. This listing is located approximately 136 feet from the subject property to the southeast. This site is situated in a down-gradient hydrogeological position relative to the subject property. OCP Case #4-4095AL was opened on December 19, 1983 and was closed on June 27, 1985. There are no records indicating whether a release or clean-up were reported. Based on the distance from the subject property and the relative topographic position, issues at this site are not considered to present a REC for the subject property.

Town of Luke City Building, 510 Grant Street. This listing is located approximately 469 feet from the subject property. This site is situated in a down-gradient hydrogeological position relative to the subject property. OCP Case #91-1874AL was opened on March 28, 1991 and was closed on April 18, 1991. There are no records indicating whether a release or clean-up was reported. Based on the distance from the subject property and relative topographic position, issues at this site are not considered to present a REC for the subject property.

Chas Forman, 115 Donna Street. This listing is located approximately 480 feet from the subject property near the southeastern border. This site is situated in a down-gradient hydrogeological position relative to the subject property. OCP Case #92-2693AL was opened on October 4, 1991 and was closed on October 8, 1991. There are no records indicating whether a release or clean-up were reported. Based on the short duration of the case and the relative topographic position, issues at this site are not considered to present a REC for the subject property.

Gary Broadwater, PO Box 309. This listing is located approximately 576 feet east of the subject property. This site is situated in a down-gradient hydrogeological position relative to the subject property. OCP Case #9-1568AL was opened on April 13, 1989. There are no records indicating whether a release or clean-up were reported and no case closure date was reported. Based on the distance from the subject property and the relative topographic position, ECS does not consider issues associated with this listing to be a REC for the subject property.

Westvaco Resources, Inc, 300 Pratt Street. This listing is located approximately 600 south of the subject property. This site is situated in a down-gradient hydrogeological position relative to the subject property. Five (5) cases are listed below:

- OCP Case #6-1636GA was opened on March 2, 1986. There are no records indicating whether a release or clean-up were reported, and the case was closed on April 25, 1989.
- OCP Case #9-0426AL was opened and closed on July 21, 1988. There are no records indicating whether a release or clean-up were reported.
- OCP Case #6-0473AL was opened on April 11, 1989. There are no records indicating whether a release or clean-up were reported, and the case was closed on June 4, 1991.
- OCP Case #9-0033AL was opened on July 14, 1988 and dealt with motor/lube oil tank closure. No release or clean-up was reported, and the case was closed on July 14, 1998.
- OCP Case #94-2927AL was opened on May 11, 1994. There are no records indicating whether a release or clean-up were reported, and the case was closed on May 12, 1994.

Based on the distance from the subject property and the relative topographic position, ECS does not believe issues at these listings would result in RECs for the subject property.

ECS has reviewed the remaining off-site listings reported by EDR on the OCP CASES database. These other off-site listings are reported more than 600 feet away from the subject property. Based on the distance from the subject property and/or relative topographic position, ECS does not believe issues at these listings would result in RECs for the subject property. Additional information pertaining to these listings can be viewed in the regulatory report included in Appendix III.

5.2.3 Registered Underground Storage Tank (UST) List

The Registered UST List inventories underground storage tanks registered with the state. This list does not identify USTs that have not been registered or are exempt, such as home heating oil tanks and other unregulated tanks.

The subject property address was identified on the UST database. The subject property was listed as **BTC Trucking, Inc., 2278 Michael Road** (Facility ID: 255); however, this listing is associated with the adjacent property. The UST database listing indicated the following tanks associated with the subject property:

- Tank 1: 10,000-gallon permanently out of use UST of diesel installed on January 1, 1984 and removed from the ground on August 9, 1990.
- Tank 2: 10,000-gallon permanently out of use UST of "other" installed on October 1, 1987 and closed in place on March 21, 1994.

ECS attempted to request information about these tanks from the MDE; however, to date the MDE has not provided information confirming that post-closure soil sampling occurred. The location of these tanks is unknown, based on the lack of post closure sampling date ECS considers these tanks to represent a SDG for the subject site. This listing is associated with the east adjoining property. Based on the lack of post-closure reports, this listing is considered to represent a significant data gap due to the facility's proximity to the subject site.

The database report identified one (1) UST facility within the ASTM-designated search radius (adjoining properties). In addition, the database report identified four (4) UST facilities within 0.25 mile of the subject property. The database report also identified one (3) "Historical USTs" within 0.25-mile. One (1) facility is described below:

Moran Manor Nursing Home, 25701 Shady Lane, SW. This listing (Facility ID: 1072) is located approximately 124 feet away from the subject property near the southeastern border. This site is situated in a down-gradient hydrogeological position relative to the western portion of the subject property and up-gradient of the eastern portion of the subject property. The UST database listing indicated the following tanks associated with the property:

- Tank 1: 1,000-gallon permanently out of use UST of diesel installed on April 1, 1986 and removed from the ground on October 16, 2009.

Based on the lack of a reported release in association with the OCP Case database and topography, issues at this site are not considered to present a REC for the subject property.

ECS has reviewed the remaining off-site listings reported by EDR on the UST database. These other off-site listings are reported more than 469 feet away from the subject property. Based on the distance from the subject property and/or relative topographic position, ECS does not believe these off-site listings would have issues that present a REC for the subject property. Additional information pertaining to these listings can be viewed in the regulatory report included in Appendix III.

5.2.4 Aboveground Storage Tank (AST) Database

The AST Database is a list of facilities that have registered ASTs with the state regulator.

The subject property was identified on the AST database. The subject property was listed as **BTC Trucking, Inc, 2278 Michael Road**. The following tanks associated with this property are discussed below:

- Tank 006: A 30,000-gallon tank containing diesel fuel that was opened on December 5, 2014 and closed on December 5, 2019.
- Tank 010: A 10,000-gallon tank containing diesel fuel that was opened on December 5, 2014 and closed on December 5, 2019.
- Tank 011: A 10,000-gallon tank containing diesel fuel that was opened on December 5, 2014 and closed on December 5, 2019.
- Tank 013: A 10,000-gallon tank containing used oil that was opened on December 5, 2014 and closed on December 5, 2019.

- Tank 014: A 3,000-gallon tank containing used oil that was opened on December 5, 2014 and closed on December 5, 2019.
- Tank 015: A 6,000 gallon tank containing used oil that was opened on December 5, 2014 and closed on December 5, 2019.
- Tank 016: A 1,000 gallon tank containing diesel fuel that was opened on December 5, 2014 and closed on December 5, 2019.
- Tank 017: A 1,000-gallon tank containing kerosene that was opened on December 5, 2014 and closed on December 5, 2019.
- Tank 018: A 275-gallon tank containing transmission oil that was opened on December 5, 2014 and closed on December 5, 2019.
- Tank 419-2: A 500-gallon tank containing motor oil that was opened on June 17, 2009 and closed on June 18, 2014.
- Tank 419-2/007: A 550-gallon tank containing motor oil that was opened on December 5, 2014 and closed on December 5, 2019.
- Tank 419-3: A 500-gallon tank containing hydraulic oil that was opened on June 17, 2009 and closed on June 18, 2014.
- Tank 419-3/008: A 550-gallon tank containing hydraulic oil that was opened on December 5, 2014 and closed on December 5, 2019.
- Tank 419-4: A 275-gallon tank containing transmission fluid that was opened on June 17, 2009 and closed on June 18, 2014. There is a duplicate listing for this tank that contains the same product but indicates that it is not included in the permit and this was listing was opened December 5, 2014 and closed on December 5, 2019.
- Tank 429-2: A 500-gallon tank containing hydraulic oil that was opened on June 17, 2009 and closed on June 18, 2014.
- Tank 429-3: A 500-gallon tank containing motor oil that was opened on June 17, 2009 and closed on June 18, 2014.
- Tank 434-2: A 550-gallon tank containing motor oil that was opened on June 17, 2009 and closed on June 18, 2014.
- Tank 444-1: A 10,000-gallon tank containing diesel that was opened on June 17, 2009 and closed on June 18, 2014.
- Tank BTC-1: An 8,000-gallon tank containing diesel that was opened on June 17, 2009 and closed on June 18, 2014.
- Tank BTC-1/001: An 8,000-gallon tank containing diesel fuel that was opened on December 5, 2014 and closed on December 5, 2019.
- Tank BTC-2: A 10,000-gallon tank containing gasoline that was opened on June 17, 2009 and closed on June 18, 2014.
- Tank BTC-2/002: A 10,000-gallon tank containing gasoline that was opened on December 5, 2014 and closed on December 5, 2019.
- Tank BTC-3: A 500-gallon tank containing motor oil that was opened on June 17, 2009 and closed on June 18, 2014.
- Tank BTC-3/003: A 500-gallon tank containing motor that was opened on December 5, 2014 and closed on December 5, 2019.
- Tank BTC-4: A 500-gallon tank containing hydraulic oil that was opened on June 17, 2009 and closed on June 18, 2014.
- Tank BTC-4/004: A 500-gallon tank containing hydraulic oil that was opened on December 5, 2014 and closed on December 5, 2019.

- BTC-5: A 5,000-gallon tank containing used oil that was opened on June 17, 2009 and closed on June 18, 2014.
- BTC-5/005: A 10,000-gallon tank containing diesel fuel that was opened on December 5, 2014 and closed on December 5, 2019.
- Tank SQ-1: A 3,000-gallon tank containing diesel fuel that was opened on June 17, 2009 and closed on June 18, 2014.
- Tank SQ-1/009: A 3,000-gallon tank containing diesel fuel that was opened on December 5, 2014 and closed on December 5, 2019.
- Tank SQ-2: A 10,000-gallon tank containing used oil that was opened on June 17, 2009 and closed on June 18, 2014.
- Tank SQ-2/012: A 12,000-gallon tank containing used oil that was opened on December 5, 2014 and closed on December 5, 2019.
- Unreported Tank ID: A tank with an unreported product and capacity was opened on June 18, 2004 and closed on June 18, 2009.

Based on the lack of a reported release on the AST database, ECS does not consider this listing to present a REC for the subject property.

ECS has reviewed the remaining properties listed by EDR on the AST database. These other off-site listings are reported at least 600 feet away from the subject property. Based on the distance from the subject property and/or relative topographic position, ECS does not believe these listings have issues that present a REC for the subject property. Additional information pertaining to these listings can be viewed in the regulatory report included in Appendix III.

5.2.5 State Engineering Control (EC) List

The EC List identifies sites where engineering controls were required as a condition of closure, including various forms of caps, building foundations, liners, and treatment methods used to eliminate pathways for regulated substances to enter environmental media or affect human health.

The subject property was identified on the State EC database. The subject property address was listed as **Tri-Star Mining, 2278 Michael Road**; however, this listing is associated with the adjacent property**.** The EC database indicated that a double walled control with steel and no containment was implemented on the property. Based on the the lack of information regarding the implementation of this control, ECS does not consider issues associated with this listing are a REC for the subject property.

Unmapped (Orphan) Facilities and Sites

Thirty-three (33) properties were identified on the Orphan Summary List. These facilities are considered unmappable because the facility information in the database is insufficient and/or does not report accurate facility locations.

Orphan properties are those that cannot be geocoded due to inaccurate or insufficient address information in the databases searched. Thirty-five (33) properties were listed in the EDR Report on the Orphan Summary. Twenty-four (24) of these properties dealt with out-of-scope listings and were not evaluated further. Based on available address and location information for relevant listings, ECS

did identify one (1) facility within the vicinity of the subject property. The remaining eight (8) relevant listings appeared to not be located within the vicinity of the subject property. One listing from the MD OCP Cases database is discussed below:

A listing for **Glen Clark & Sons/Clark Trucking, 68C Rt 1 & Mill Run Rd** is listed under the MD OCP Cases database. According to the EDR report, it should be located in the eastern portion of the subject property. Upon further research, the facility seems to be no longer in operation. OCP Case #90-2848AL was opened on July 10, 1990. There are no records indicating whether a release or clean-up took place, but the case was closed on July 13, 1991. Based on the short duration of the case and lack of information, ECS does not believe that issues with this listing would represent a REC for the subject property.

5.3 Regulatory Review Summary

A regulatory database search report was provided by EDR. The database search involves researching a series of Federal, State, Local, and other databases for facilities and properties that are located within specified minimum search distances from the subject property. The report identified the subject property on the databases researched including the AIRS, ECHO, FINDS, NPDES, MRDS, Abandoned Mines, and US Mines in association with the mining and reclamations activities occurring on the subject property, the MD OCPCASES, AST and UST databases in association with the tanks present on the subject property, and on the State EC, in reference to a double walled control with steel and no containment was implemented on the property. The EDR report identified several off-site properties within the minimum ASTM search distances. Based on our review of reasonably ascertainable public records, ECS identified the following REC and HREC in connection with the subject site:

The following HRECs were identified for the subject property:

- The closed OCP Case associated with **Beener Coal** represents a HREC for the subject property due to its proximity to the subject site and the lack of information available about the case and the closed regulatory status.
- A municipal landfill known as **Westernport Landfill** was reportedly located within the subject property. The landfill was reportedly closed in accordance with MDE regulations. The presence of a former landfill with controls and active monitoring represents a HREC for the subject property.

The following SDG was identified for the subject property:

- The subject property address was identified on the UST database. The subject property was listed as **BTC Trucking, Inc., 2278 Michael Road** (Facility ID: 255); however, this listing is associated with the adjacent property. The UST database listing indicated the following tanks associated with the subject property:
    - Tank 1: 10,000-gallon permanently out of use UST of diesel installed on January 1, 1984 and removed from the ground on August 9, 1990.
    - Tank 2: 10,000-gallon permanently out of use UST of "other" installed on October 1, 1987 and closed in place on March 21, 1994.

ECS attempted to request information about these tanks from the MDE; however, to date the MDE has not provided information confirming that post closure soil sampling occurred. The location of these tanks is unknown, based on the lack of post closure sampling date, ECS considers these tanks to present a SDG for the subject site.

6.0 HISTORICAL USE INFORMATION

6.1 Aerial Photograph Review

ECS reviewed aerial photographs of the subject property and immediately surrounding properties for evidence of former usage that may indicate potential environmental issues. The aerial photographs were obtained from EDR. The aerial photographs reviewed were dated 1946, 1960, 1966, 1974, 1979, 1982, 1995, 1996, 2005, 2011, 2015 and 2018. Aerial photographs dated prior to 1947 were not available for review. The ECS review is dependent on the quality and scale of the photographs.

- ECS considers the presence of mines and reclaimed mines on-site from at least 1947 through at least 2018 to represent a BER for the the property and a BER for the currently active mines on the subject property.

The following is a description of relevant information from the aerial photographs:

Year(s)	Subject Property	Adjoining Properties	REC? (yes or no)
1946	Residences appeared to be interspersed throughout the mostly wooded subject property. Open areas which appeared to have been farm fields were also present throughout the subject property.	A mixture of wooded and agricultural land with intermittent residences had surrounded the subject property in all directions. Major roads were present to the east and south along with associated development to the central and south east.	No
1960	The north and south central portions of the subject property appeared to have undergone intermittent clearing likely associated with mining on the property. The surrounding area appeared similar to the previous aerial image.	Generally consistent with the previous aerial image.	No
1966	The western portion of the subject property was not mapped. The central portion of the subject property appeared to be utilized for mining with the areas surrounding remaining primarily wooded and agricultural land.	Generally consistent with the previous aerial image with the exception that the west adjoining property is not depicted.	No

Year(s)	Subject Property	Adjoining Properties	REC? (yes or no)
1974	Generally consistent with the 1960 aerial image with the exception that additional clearing related to mining activities appeared on the central, eastern and western portions of the subject property.	Generally consistent with the 1966 aerial image.	No
1979	Generally consistent with the previous aerial image with the addition of an airport on the south central portion of the subject property.	Generally consistent with the previous aerial image with the addition of a mining operation to the northeast.	No
1982	Mining activities were clearly depicted throughout the subject property with the exception of certain areas on the northwest, south, and southeastern portions of the property. The remainder of the subject property appeared to be a mixture of wooded and agricultural land with intermittent roads and structures.	Generally consistent with the previous aerial image with the expansion of the mining operation to the northeast along with new mining areas to the east and west.	No
1995	Generally consistent with the previous aerial image with the expansion of various mining activities throughout the subject property.	Generally consistent with the previous aerial image with the expansion of the adjoining mining operations.	No
2005	Generally consistent with the previous aerial image with the exception that most mining operations appeared to have entered the reclamation stage aside from those on the north-central and southeastern portions of the subject property. Stockpile areas appear to be present on the southeastern and northwestern portions of the subject property.	Generally consistent with the previous aerial image with the abandonment of the mining operation to the northeast and west.	No

Year(s)	Subject Property	Adjoining Properties	REC? (yes or no)
2011	The majority of the subject property consisted of a mixture of wooded area and open land with the exception of remnant mines on the northern portion of the property, active mining operations on the north central and southeastern portions of the property, and the airport present on the south central portion of the subject property.	Generally consistent with the previous aerial image.	No
2015 - 2018	Generally consistent with the previous aerial image with the exception of two new mining areas located on the southwestern portion of the subject property and the reclamation of the northern-most mining area.	Generally consistent with the previous aerial image.	No

6.2 Sanborn Fire Insurance Map Review

In an effort to identify past uses, ECS utilized EDR to search for historical Sanborn Fire Insurance Maps (Sanborn) for the subject property and surrounding area. Sanborn maps were not available for this area. The absence of such maps generally indicates that the subject property is located in an area where Sanborn maps were not produced because the area was rural or it was not economically feasible. ECS does not expect the lack of Sanborn maps to impact our ability to render a professional opinion concerning the subject property given the amount of historical information obtained from our research, the USGS topographic map, aerial photographs, city directories, and other historical records obtained. A copy of the Unmapped Property report is included within Appendix IV.

6.3 Historical USGS Topographic Maps

Topographic maps are produced by the USGS for various time periods. ECS reviewed topographic maps of the subject property and immediately surrounding properties for evidence of former usage that may indicate potential environmental issues. The topographic maps were obtained from EDR and were dated 1895, 1899, 1904, 1919, 1920, 1922, 1947, 1949-1950, 1951, 1974, 1979, 1981, 1996, 2014, 2016 and 2019. Topographic maps dated prior to 1895 were not available for review.

- ECS considers the presence of mines and reclaimed mines onsite from at least 1947 through at least 2018 to represent a BER for the site.

The following is a description of relevant information from the topographic maps:

Year(s)	Subject Property	Adjoining Properties	REC? (yes or no)
1895	Only the southern portion of the subject property was mapped. A road was depicted to pass through the southeastern portion of the subject property and contained multiple associated structures. The Savage River passed through the south border of the subject property.	The Savage River and a railroad adjoined portions of the property to the south and southwest. To the southeast multiple roads with associated structures were depicted. No other portions of the adjoining property were mapped.	No
1899	The southern and southeastern portions of the subject property were not mapped. The remainder of the subject property was depicted to contain multiple areas of steep slopes along with a network of streams and roads with associated structures throughout the property. A railroad was depicted on the south-central portion of the subject property.	The south and southeast adjoining properties were not mapped. To the north, east and west multiple streams and roads with associated structures were mapped. In addition, to the east a railroad had been present.	No
1904	Consistent with the previous topographic map with the exception that the railroad on the subject property had been redrawn to enter further into the central portion of the property and two additional rails had been depicted entering the central portion of the property from the east traveling west and stopping shortly into the property.	Generally consistent with the previous topographic map.	No
1919 - 1920	Generally consistent with the depicted portions of the 1904 topographic map; however, the southern half of the subject property was not depicted.	Generally consistent with the depicted portions of the 1904 topographic map; however, the southern, southwestern and southeastern adjoining properties were not depicted.	No

Year(s)	Subject Property	Adjoining Properties	REC? (yes or no)
1922	Generally consistent with the 1895 topographic map.	Generally consistent with the 1895 topographic map with the expansion of the town areas present to the south and southeast along with an industrial operation to the south.	No
1947	Generally consistent with the 1899 topographic map with the removal of the railroad on the subject property and the addition of mines throughout the central portion of the subject property.	Generally consistent with the 1899 topographic map.	No
1950	The subject property was depicted to contain multiple areas of steep slopes along with a network of streams and roads with associated structures throughout the property. A railroad was depicted on the south-central portion of the subject property along with multiple mines and strip mines identified throughout the property.	To the north, east and west multiple streams and roads with associated structures were mapped. In addition, to the east a railroad had been present and to the south was the Savage River and an industrial operation.	No
1951	Generally consistent with the 1922 topographic map with the addition of a strip mine labeled on the southcentral portion of the subject property.	Generally consistent with the 1922 topographic map.	No
1974	Generally consistent with the 1950 topographic map with the addition of strip mines depicted throughout the subject property with the exception of the southeastern, southwestern, and northern most portions of the property.	Generally consistent with the 1950 topographic map with the addition of strip mines depicted to the east and west.	No

Year(s)	Subject Property	Adjoining Properties	REC? (yes or no)
1979	Generally consistent with the previous topographic map with the addition of strip mines on the northern and southeastern portions of the subject property.	Generally consistent with the previous topographic map.	No
1981	Generally consistent with the previous topographic map.	Generally consistent with the previous topographic map with the expansion of the industrial operation on the south adjoining property.	No
1996	Generally consistent with the previous topographic map with the exception that the central portion of the subject property was not mapped.	Generally consistent with the previous topographic map with the exception that the area to the southeast, Westernport, had been shaded red to indicate high density structures.	No
2014	No structures or mines had been depicted on the subject property. Roads, streams and ponds were interspersed throughout the subject property.	Generally consistent with the 1981 topographic map with the exception that no structures or strip mines were depicted.	No
2016 - 2019	Generally consistent with the previous topographic map with the addition a network roads throughout the subject property.	Generally consistent with the previous topographic map with the addition of multiple roads adjoining, and in some cases entering, the subject property from all directions.	No

6.4 City Directory Review

One of the ASTM standard historical sources to be reviewed for previous subject property uses is local street directories, commonly known as City Directories. The purpose of the directory review is to identify past occupants of the subject property, adjoining properties, or nearby properties. In some rural areas, street directory information is limited.

ECS reviewed city directories obtained from EDR. The subject property address utilized for the research was New Georges Creek Road. The directories reviewed were dated 2000, 2005, 2010, 2014, 2017, and 2020. The directories reviewed prior to 2005 did not provide listings for the subject property or surrounding area. Directories dated prior to 2000 were not available for review. A copy of the city directory report is included in Appendix IV.

The following is a description of relevant information from the city directories:

Year(s)	Listed Occupants	REC? (yes or no)
2005	New Georges Creek Road SW: 21005 - MORAN, ROBERT E 21010 - GUY, CHRIS J 21011 - HAHN, STUART M 21014 - ARTHUR, RADIE 21402 - STERLING, RAYMOND J 21408 - KELLER, LOIS J 21410 - LEWIS, ALBERT R 21414 - FERGUSON, KEVIN D	No
2010	New Georges Creek Road SW: 21005 - MORAN, ROBERT E 21010 - GUY, CHRIS J 21011 - HAHN, STUART M 21012 - WILSON, JUANITA F 21014 - MUELLER, RITA J 21402 - STERLING, RAYMOND J 21406 - ZILLER, MILBURN W 21408 - KELLER, LOIS J 21410 - LEWIS, ALBERT R 21414 - FERGUSON, KEVIN D	No
2014	New Georges Creek Road SW: 21005 - MORAN, ROBERT E 21009 - OCCUPANT UNKNOWN, 21010 - GUY, CHRIS J 21012 - OCCUPANT UNKNOWN, 21014 - MUELLER, RITA J 21402 - STERLING, RAYMOND J 21406 - ZILLER, MILBURN W 21408 - KELLER, EUGENE 21410 - LEWIS, MARY K 21414 - FERGUSON, KEVIN D	No

Year(s)	Listed Occupants	REC? (yes or no)
2017	New Georges Creek Road SW: 21005 - MORAN, KRISTEN A 21010 - GUY, CHRIS J 21014 - MUELLER, RITA J 21402 - STERLING, RAYMOND J 21406 - ZILLER, MILBURN W 21408 - KELLER, EUGENE 21410 - LEWIS, MARY K 21414 - FERGUSON, KEVIN D	No
2020	New Georges Creek Road SW: 21005 - KRISTEN MORAN / ROBERT MORAN 21009 - ROBERT MORAN 21010 - CHRISTOPHER GUY / MICHAEL GUY / MICHELLE GUY 21011 - ANDREW EDWARDS / GREGORY EDWARDS / LINDA EDWARDS 21014 - EDIE RICE / RITA MUELLER 21402 - DOROTHY DERHAM / DOROTHY STERLING / RAYMOND STERLING 21406 - MILBURN ZILER 21408 - LOIS KELLER 21414 - FAY FERGUSON / KEVIN FERGUSON	No

6.5 Property Tax Files

Property tax files may include records of past ownership, appraisals, maps, sketches, photos, or other information kept by the local jurisdiction for property tax assessment purposes. According to the Garrett and Allegany County tax assessors online information, the 4,456-acre subject property contain the parcels as listed below:

Account ID	Available Property Tax File Records
1204003683	The property was sold in an arms length transaction from Carl Delsignore to Meadowland Properties LLC in 2016
1204003918	The property is currently owned by Moran Coal Co Inc., no previous transactions were recorded
1204004000	The property was sold in a non-arms length transaction from E S Moran & Sons to Moran Coal Company Inc. in 1998

Account ID	Available Property Tax File Records
1204004019	The property was sold in a non-arms length transaction from William E. Magruder to Thomas A Magruder in 2004. The property was then sold again in 2007 in a non-arms length transaction to Moran Coal Company Inc, William E. Magruder
1204004043	The property was sold in a non-arms length transaction from E S Moran & Sons to Moran Coal Company Inc. in 1998
1204004051	The property was sold in a non-arms length transaction from E S Moran & Sons to Moran Coal Co in 1998
1204004078	The property was sold in a non-arms length transaction from E S Moran & Sons to Moran Coal Company Inc. in 1998
1204004086	The property was sold in a non-arms length transaction from E S Moran & Sons to Moran Coal Company Inc. in 1998
1204004094	The property was sold in a non-arms length transaction from E S Moran & Sons to Moran Coal Co in 1998
1204004108	The property was sold in a non-arms length transaction from E S Moran & Sons to Moran Coal Co in 1998
1204004116	The property was sold in a non-arms length transaction from E S Moran & Sons to Moran Coal Co in 1998
1204004124	The property was sold in a non-arms length transaction from E S Moran & Sons to Moran Coal Company Inc. in 1998
1204004132	The property was sold in a non-arms length transaction from E S Moran & Sons to Moran Coal Co in 1998
1204004140	The property was sold in a non-arms length transaction from E S Moran & Sons to Moran Coal Company Inc. in 1998
1204004159	The property was sold in a non-arms length transaction from E S Moran & Sons to Moran Coal Company Inc. in 1998
1204004167	The property was sold in a non-arms length transaction from E S Moran & Sons to Moran Coal Company Inc. in 1998
1204004175	The property was sold in a non-arms length transaction from E S Moran & Sons to Moran Coal Co in 1998
1204004183	The property was sold in a non-arms length transaction by Sarah J Moran et al to Moran Coal Company Inc. in 1998
1204004426	The property was sold in a non-arms length transaction from E S Moran & Sons to Moran Coal Company Inc. in 1998
1204005309	The property was sold in a non-arms length transaction from E S Moran & Sons to Moran Coal Company Inc. in 1998

Account ID	Available Property Tax File Records
1204005317	The property was sold in a non-arms length transaction from Sarah J. Moran Et Al to Moran Coal Co in 1998
1204006658	The property was sold in a non-arms length transaction from E S Moran & Sons to Moran Coal Co in 1998
1211000118	The property was sold by Charles & Olen Magruder in 1982 to Charles A & Anna B Magruder. In 1986 the property was sold in an arms length transaction to BTC Developments
1211000193	The property was sold by Donald E & Marie C Magruder in an arms length transaction in 1990 to John A & Tammy S Magruder. The property was then sold in 1995 in a non-arms length transaction to John A Magruder, and was then finally sold in 2007 in a non-arms length transaction to BTC Developments
1211000231	The property was sold in an arms length transaction in 1986 from Olen E & Mildred Magruder to BTC Developments
1211001483	The property was sold in an arms length transaction in 1992 from Raymond e & Beulah A Crawford to Eleanore C. Ferry. The property was sold again in 1999 in an arms lenfth transaction to Sisler Lumber Company, and then finally in 2001 in an arms length transaction to BTC Developments
1211001564	The property was sold in 1985 from Charles F Jr. & Coleen E Ginniman to BTC Developments
1211001602	The property was sold in an arms length transaction in 1985 from Charles F & Eva C Ginniman to BTC Developments
108012989	The property was sold by E S & Sons Moran in a non-arms length transaction in 1998 to Moran Coal Co.
109005080	The property was sold in a non-arms length transaction in 1985 by Charles F Ginniman et ux to B T C Development
1211001424	The property was sold in an arms length transaction in 2008 by James W Colmer to Western Maryland Lumber Inc. who then sold the property in a non-arms length transaction in 2010 to Alan D Clark. The property was finally sold in a non-arms length transaction in 2018 to Victor E Clark Sr and Donna Lee Clark.
1211003125	The property was sold in an arms length transaction in 1988 by Wilhelm Coal Inc. to Leonard Wilhelm Sr. who then sold the property in an arms length transaction again in 1988 to BTC Developments. The property was finally sold in an arms length transaction in 1998 to Donna K and David P Walter.

6.6 Recorded Land Title Records

Recorded land title records may include leases, land contracts, and AULs recorded by the local jurisdiction. Land title records may provide only a list of the names of previous owners and may be of limited use; however, they may provide useful information about uses or occupancy of the property when employed in combination with other sources.

ECS was not provided with Land Title Records.

6.7 Building Department Records

The term building department records means those records of the local government indicating permissions of the local government to construct, alter or demolish improvements on the property.

ECS was not provided with Building Department Records for the subject property. Given historical information gained from other sources reviewed in this section, this is not considered to be a significant data gap that would affect our ability to render a professional opinion concerning the property's environmental quality.

6.8 Zoning/Land Use Records

The term zoning/land use records refer to records of the local government indicating the uses permitted by the government in particular zones within its jurisdictions. According to the Allegany County Zoning Map, it appears the subject property is a mixture of A - Agriculture, Forest, Mining, C - Conservation, and GU - General Urban. No zoning data was available for Garrett County, MD as zoning only exists within the municipal boundaries of six towns (Accident, Friendsville, Grantsville, Lock Lynn Heights, Mountain Lake Park, and Oakland) and within the boundaries of the Deep Creek Watershed, none of which overlap with the subject property.

6.9 Previous Reports

ECS previously conducted a Phase I Environmental Site Assessment for this subject property in August 2023 and a report revision in September 2023 (ECS Project number 47:17112). The report indicated that the subject property was a rural area utilized primarily for mining operations, logging activities, farmland, and some interspersed residential properties. ECS identified several on-site or off-site RECs at the time of the Phase I ESA. The RECs including the following:

- The presence of an actively leaking 55-gallon drum of unknown fluid, one leaking 55-gallon drum of hydraulic fluid, the leaking from various industrial equipment, and an AST leaking within secondary containment at the Moran Airfield were considered a REC for the subject property. This area is estimated to be 250,000 square feet in size.
- The actively leaking industrial equipment in association with the active mine on the Moran Coal property was considered to present REC for the property due to the active leaking of what appeared fuel and hydraulic fluid.
- The three out of use pole-mounted transformers observed to be partially covered within a gravel pile present on the Moran Coal active mining site presented an REC for the subject property due to improper handling and/or abandonment and lack of ability to view the bottom of the transformers. This area is estimated to be 10 square feet in size.

- The actively leaking above ground fuel dispensers in association with the warehouses on the BTC property were considered to present REC for the property due to the active leaking of diesel fuel. This area is estimated to be 2,000 square feet in size.

This assessment has revealed the following historical recognized environmental conditions in connection with the subject property:

- An OCP Case (#9-0477GA) was opened on August 25, 1988 at Beener Coal Co/BTC Trucking, 2278 Michael Road. There were no records indicating whether a release or clean-up took place, but the case was closed on March 21, 1994. Based on the closed regulatory status, ECS considers this listing to present a HREC for the subject property. A PIA request was submitted to the MDE for more information on this facility, but no information was made available by the property owner or MDE at the time of that report.

The following SDG was also identified on the subject property:

- At the BTC Trucking facility at 2278 Michael Road, two (2) USTs were reported, but there were no records indicating if post-closure sampling took place. Given the lack of sampling information, the location of the tanks is also unknown. ECS requested information from MDE, but did not receive any files at the time of the report. ECS considered these tanks to represent a SDG for the subject property.

The following BERs and/or additional considerations were identified:

- One groundwater well was observed on the Moran Coal property in relation to the farmhouse residence present on the southern portion of the subject property, along with one well on the Tri-Star property associated with the offices on site.
- One suspected septic system was observed on the Moran Coal property in relation to the farmhouse residence present on the southern portion of the subject property, along with one additional system present on the Tri-Star property associated with the offices on site.
- The active mine sites within the boundaries of the subject property are regulated both by the state and EPA. As long as these mines are following both state and federal guidelines, the current mining operations are considered a BER.
- Numerous 55-gallon drums were noted scattered throughout the subject property. The observed drums were situated on soil, concrete and asphalt surfaces.
- The reclaimed mines on the BTC parcels represented a BER for the subject property. The mines are backfilled with coal ash which the MDE is aware of and has been actively testing and monitoring since 2000. The coal ash is used for reclamation purposes and the MDE stated that testing is conducted 3-4 times a year utilizing TCLP. Since the site will remain in commercial use, ECS considered this a BER.

6.10 Other Historical Sources

Other credible historical sources may be reviewed to identify past uses of the subject property. These sources may include websites, county or state road maps, historical society documents, or local library information.

ECS reviewed the Allegany County Solid Waste Management Plans (ACSWMP) from the 2011-2021 and 2021-2031 planning periods to determine if there was regulatory and historical information regarding environmental issues concerning the Westernport Landfill that was identified as being within the subject property during the Records Review. The ACSWMP detailed the Westernport Landfill as being in operation from 1970 until 1992 when it was closed in accordance with MDE regulations. A non-synthetic cap was installed in 1994, and an impermeable synthetic cap was installed in 2004. In 1997, the groundwater monitoring wells were installed and a post-closure sampling program has been prescribed by MDE until 2035. Based on the closure status of the landfill, ECS believes this facility represents a HREC for the subject property.

ECS conducted a file review with Garrett County Health Department to assess sludge distribution that occurred throughout the agricultural fields within Franklin Hill, Phoenix Hill, and former Westvaco Resources Inc (WRI) areas of the subject property. Based on available files, a mixture of paper, pulp, and materials from a wastewater treatment plant has been used for topdressing within agricultural fields in the central and eastern portions of the subject property since at least 1982. Additionally, it was also documented that the sludge was used to deep-fill strip mine pits owned by Moran Coal Company. It is unclear if this activity is still ongoing, but the most recent sewage sludge utilization permit available in the file review was issued by the Maryland Department of the Environment (MDE) on June 15, 2018 and expired on June 14, 2023. This activity was permitted and authorized by the MDE and the Upper Potomac River Commission (UPRC). Dioxin sampling test results from 1997 and 1998 showed that no dioxins were detected at the time of sampling. Based on the permitted and authorized nature of the activity and the ongoing monitoring, ECS believes this activity represents a HREC for the subject property.

6.10.1 State Environmental Agency

An ECS representative contacted the Maryland Department of the Environment (MDE) to determine if they had historical information regarding environmental issues or responses at the subject property or other information regarding the subject property. A Public Information Act (PIA) request was submitted to the MDE on November 16, 2023. ECS received a response from Maria Stephens on November 17, 2023 and November 21, 2023 stating that they had no historical information regarding environmental issues or responses available for the subject property. Copies of information received from MDE are included here in Appendix II.

6.10.2 Local Fire Department

The Allegany County Department of Emergency Services and the Garrett County Department of Emergency Management were contacted to determine if they had historical information regarding environmental issues or responses at the subject property. A PIA request was submitted to the departments on November 2, 2023. An Allegany County legal secretary, Victoria Norman, indicated that they had no historical information regarding environmental issues or responses available for the subject property. Copies of information received from Ms. Norman are included here in Appendix II. No information has been received for the Garrett County Department of Emergency Management at the time of the report completion. If information is received that changes the conclusions or recommendations of this report, ECS will forward the information to the Client.

6.10.3 Local Health Department

An ECS representative contacted the Allegany and Garrett County Health Departments on November 2, 2023 to determine if they had historical information regarding environmental issues or responses at the subject property. ECS received a response from Brian Dicken, the Director of the Environmental Health Division of the Allegany Health Department on November 8, 2023 stating that they had no historical information regarding environmental issues or responses available for the subject property. Additionally, the PIA Information Officer for the Garrett County Health Department, Diane Lee, responded on November 15, 2023 that no historical information regarding environmental issues or responses was available for the subject property. Copies of information received from the health departments are included here in Appendix II.

6.11 Historical Use Summary

According to historical records research and other sources, the site has historically been a mixture of active mines, reclaimed mines, farmland, and forested land. Throughout time the locations of the mines have migrated as old areas are backfilled and new mines are excavated. Indications of recognized environmental conditions were identified in the historical data review, including the previous Phase I ESA conducted for the subject property:

The RECs including the following:

- The presence of an actively leaking 55-gallon drum of unknown fluid, one leaking 55-gallon drum of hydraulic fluid, the leaking from various industrial equipment, and an AST leaking within secondary containment at the Moran Airfield were considered a REC for the subject property. This area is estimated to be 250,000 square feet in size.
- The actively leaking industrial equipment in association with the active mine on the Moran Coal property was considered to present REC for the property due to the active leaking of what appeared fuel and hydraulic fluid.
- The three out of use pole-mounted transformers observed to be partially covered within a gravel pile present on the Moran Coal active mining site presented an REC for the subject property due to improper handling and/or abandonment and lack of ability to view the bottom of the transformers. This area is estimated to be 10 square feet in size.
- The actively leaking above ground fuel dispensers in association with the warehouses on the BTC property were considered to present REC for the property due to the active leaking of diesel fuel. This area is estimated to be 2,000 square feet in size.

This assessment has revealed the following historical recognized environmental conditions in connection with the subject property:

- An OCP Case (#9-0477GA) was opened on August 25, 1988 at Beener Coal Co/BTC Trucking, 2278 Michael Road. There were no records indicating whether a release or clean-up took place, but the case was closed on March 21, 1994. Based on the closed regulatory status, ECS considers this listing to present a HREC for the subject property. A PIA request was submitted to the MDE for more information on this facility, but no information was made available by the property owner or MDE at the time of that report.

- The ACSWMP detailed the Westernport Landfill as being in operation from 1970 until 1992 when it was closed in accordance with MDE regulations. A non-synthetic cap was installed in 1994, and an impermeable synthetic cap was installed in 2004. In 1997, the groundwater monitoring wells were installed and a post-closure sampling program has been prescribed by MDE until 2035. Based on the closure status of the landfill, ECS believes this facility represents a HREC for the subject property.
- Based on a file review with Garrett County Health Department, a mixture of paper, pulp, and materials from a wastewater treatment plant has been used for topdressing within agricultural fields in the central and eastern portions of the subject property since at least 1982. Additionally, it was also documented that the sludge was used to deep-fill strip mine pits owned by Moran Coal Company. This activity was permitted and authorized by the MDE and the Upper Potomac River Commission (UPRC). Files exhibited dioxin sampling occurring in Phoenix Hill wells and seeps in 1997 and 1998. Based on the permitted and authorized nature of the activity and the ongoing monitoring, ECS believes this activity represents a HREC for the subject property.

The following SDG was also identified on the subject property:

- At the BTC Trucking facility at 2278 Michael Road, two (2) USTs were reported, but there were no records indicating if post-closure sampling took place. Given the lack of sampling information, the location of the tanks is also unknown. ECS requested information from MDE, but did not receive any files at the time of the report. ECS considered these tanks to represent a SDG for the subject property.

The following BERs and/or additional considerations were identified:

- One groundwater well was observed on the Moran Coal property in relation to the farmhouse residence present on the southern portion of the subject property, along with one well on the Tri-Star property associated with the offices on site.
- One suspected septic system was observed on the Moran Coal property in relation to the farmhouse residence present on the southern portion of the subject property, along with one additional system present on the Tri-Star property associated with the offices on site.
- The active mine sites within the boundaries of the subject property are regulated both by the state and EPA. As long as these mines are following both state and federal guidelines, the current mining operations are considered a BER.
- Numerous 55-gallon drums were noted scattered throughout the subject property. The observed drums were situated on soil, concrete and asphalt surfaces.
- The reclaimed mines on the BTC parcels represented a BER for the subject property. The mines are backfilled with coal ash which the MDE is aware of and has been actively testing and monitoring since 2000. The coal ash is used for reclamation purposes and the MDE stated that testing is conducted 3-4 times a year utilizing TCLP. Since the site will remain in commercial use, ECS considered this a BER.

7.0 SITE AND AREA RECONNAISSANCE

7.1 Methodology

Emily Grimes, Felicia Filarski, Michael Bacon, Thomas McCloskey, Walton Barnett, and Mia Lenzenweger of ECS conducted the field reconnaissance from October 23rd through 27th, November 1st through 3rd, 6th through 10th, 20th through 22nd, and 27th through 30th. The weather at the time of the reconnaissance ranged from 18 to 76 degrees Fahrenheit. The majority of the visits had clear conditions. Heavy rain took place on November 21, 2023 and there was snow cover present between November 28, 2023 through November 30, 2023. Observations were made from a walking reconnaissance around the perimeter, around the buildings, through the buildings and along several transects across the subject property. Access or visibility limitations, if any, are discussed in Section 2.6. Subject property photographs are included in Appendix V.

7.2 On-Site Features

7.2.1 Observed Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions

The subject property ranges from approximately 1,000 feet above mean sea level (AMSL) to approximately 2,600 feet AMSL. The subject property generally slopes down to the northeast, east, and south towards Butcher Run, Georges Creek, and the North Branch Potomac River respectively. There are multiple areas of local topographic relief located throughout the subject property. Aaron Run, Michaels Run, Mill Run, and Butcher Run are all located on the subject property along with multiple unnamed tributaries.

7.2.2 Past Site Uses

Portions of the subject property were previously mined and are in various stages of reclamation. Areas show evidence of agricultural uses. Several abandoned houses and buildings were observed throughout the property.

7.2.3 Current Uses

The Moral Coal property generally consists of wooded and agricultural areas, active and reclaimed mines, an airport, abandoned residences, multiple offices and outbuildings. Logging was also observed to be taking place in the Moran parcels. A cemetery was observed south of the Moran Airfield, and the Michael and Grove Cemeteries were observed on the western portion of the Moran property. Two dilapidated houses and associated outbuildings were observed on the western portion of the Moran property, a residence that was abandoned due to fire damage was observed on the eastern portion of the Moran property, and a weight station and trailer were observed on the eastern portion of the Moran property. The Tri-Star property also consists of a mixture of grassy and wooded area along with both reclaimed and active mines. The offices on both areas of the subject property are serviced by electric heat, well water, and septic sewer. The maintenance buildings on the Tri-Star portion of the subject property are heated with waste oil. Multiple PVC pipes and metal wells were observed throughout the subject property. The identifiable wells are noted in the 'Groundwater Wells' section of this report.

The table below lists pertinent features of interest that were assessed for the subject property. Relevant information regarding pertinent features is discussed further in this section.

Feature	Yes	No
Hazardous Substances and Petroleum Products in Connection with Identified Uses	✔	
Hazardous Substance and Petroleum Product Containers Not in Connection with Identified Uses		✔
Drums, Totes, and Intermediate Bulk Containers		✔
Unidentified Substance Containers	✔	
Underground or Aboveground Storage Tanks	✔	
Strong, Pungent or Noxious Odors	✔	
Standing Surface Water and Pools or Sumps Containing Liquids Likely to be Hazardous Substances or Petroleum Products		✔
Known or Suspect PCB-containing Equipment	✔	
Stains or Corrosion to Floors, Walls or Ceilings		✔
Stained Soil or Pavement	✔	
Floor Drains and Sump Pumps		✔
Pits, Ponds or Lagoons	✔	
Stressed Vegetation		✔
Solid Waste Mounds or Non-natural Fill Materials	✔	
Water/Wastewater Discharge	✔	
Groundwater Wells	✔	
Septic Systems or Cesspools	✔	
Hydraulic Equipment (Elevators, Lifts, Compactors, Etc.)	✔	
Dry Cleaning		✔
Specialized Industrial Equipment	✔	
Onsite Electrical Generators	✔	
Oil-water Separators		✔

Hazardous Substances and Petroleum Products in Connection with Identified Uses

Various sized containers were present throughout the subject property with high concentrations as noted below:

Moran Airfield - including 55-gallon drums of hydraulic fluid, powertran fluid, diesel engine oil, concentrated antifreeze, 5-gallon buckets of automatic transmission fluid, centra-lube grease, hi-temp mulit-purpose grease, and multiple other unidentifiable 55-gallon, 5-gallon, and other smaller quantity containers. An approximately 15,000-gallon tank of unknown contents was also present in Hangar 1 of the Airfield along with a 1,000-gallon tank of diesel fuel, and a diesel generator. Multiple diesel storage trucks were also present throughout the airfield.

Moran Coal Area by Georges Creek - 500-gallon diesel, 330-gallon diesel exhaust fluid, two generators, 55-gallon drums of hydraulic fluid, two 1,000-gallon diesel, 550-gallon diesel, and multiple other containers ranging in size from 5-gallon up to 1,000-gallon of unknown contents.

The Moran and Tri-Star active mines were inaccessible and not assessed for this Phase I ESA. A multitude of additional drums and tanks were noted scattered throughout the subject property, the highest concentrations of note were mentioned above. The observed drums were situated on soil, concrete and asphalt surfaces. Staining was observed on drums and the ground surfaces in the vicinity of the drums.

Drums, Totes, and Intermediate Bulk Containers

Unidentified Substance Containers

Unidentified substances containers were located throughout both the Tri-Star and Moran properties. The contents of these containers could not be verified. High concentrations were found in the vicinity of the airport and coal storage area on the southern portion of the Moran property and the machine shop on the Tri-Star property with additional containers strewn throughout the property.

Underground or Aboveground Storage Tanks

Moran Airfield includes an approximately 15,000-gallon tank of unknown contents present in Hangar 1 of the Airfield, and a 1,000-gallon diesel fuel tank leaking into secondary containment. Just south of the Moran Airfield was an approximately 15,000-gallon tank of unknown contents.

Moran Coal Area by Georges Creek - 500-gallon diesel, 330-gallon diesel exhaust fluid, 55-gallon drums of hydraulic fluid, two 1,000-gallon diesel, 550-gallon diesel, and multiple other containers ranging in size from 5-gallon up to 1,000-gallon of unknown contents.

Burned Down Residence on Moran Property - Two approximate 55-gallon ASTs presumed to contain heating oil in the basement of the dilapidated residence.

The Moran and Tri-Star active mines were inaccessible and not assessed for this Phase I ESA. A multitude of additional drums and tanks were noted scattered throughout the subject property, the highest concentrations of note were mentioned above. The observed drums were situated on soil, concrete and asphalt surfaces. Staining was observed on drums and the ground surfaces in the vicinity of the drums.

An abandoned House on the western portion of site included fill ports. These ports could not be assessed further due to the house being inaccessible.

A suspected derelict diesel fuel storage truck was observed in a wooded area in the northernmost portion of the subject property.

Strong, Pungent or Noxious Odors

Petroleum odors were noted in the vicinity of the hydraulic equipment located throughout the site associated with the active mining operations and machine shops. ECS considers the strong odor and staining associated with the machinery on site to be considered a *de minimis* condition.

Known or Suspect PCB-containing Equipment

On the Moran Coal property, pole-mounted transformers are located throughout the subject property along the existing power lines. Three additional transformers on the western portion of the property had been removed from the poles and were located on the ground directly adjacent to an active mine. These transformers were partially covered within a gravel pile. Due to partial covering of these transformers, ECS could not determine if the transformers were leaking. These three transformers present on the Moran Coal active mining site present a REC for the subject property due to improper handling and/or abandonment and lack of ability to view the bottom of the transformers. An additional pad-mounted transformer was observed along the roadway to the north of the Moran Airfield. Maintenance and owner information for the transformers was not available. Non-PBC stickers were not observed. Staining, which could be indicative of leakage, was not observed on the transformers or surfaces in the vicinity of the transformers.

On the Tri-Star property, pole-mounted transformers are located throughout the subject property along the existing power lines. In addition, pad-mounted transformer is located on the north central portion of the property near the warehouses and office. Maintenance and owner information for the transformers was not available. Non-PBC stickers were not observed. Staining, which could be indicative of leakage, was not observed on the transformers or surfaces in the vicinity of the transformers.

Note that fluorescent light ballasts, caulk, paint, or other materials that may contain PCBs, and are located inside and are part of the building or structure, are outside the scope of this practice.

Stained Soil or Pavement

Staining was noted in the following areas: the Moran airfield, the Moran coal area adjacent to Georges Creek, and the Tri-Star workshop and office areas. Staining was associated with the container and hydraulic machinery storage in these areas and was situated on concrete, asphalt, gravel, and grass surfaces. Staining ranged in size from square inches to 200 square feet.

Pits, Ponds or Lagoons

Pits are located throughout the subject property at the bottom of the excavated active strip mines, with water present at the bottom of the pit in relation to the active mining operation on the northern and southeastern portions of the property. ECS does not consider this to present a REC

for the subject property as the active mine sites within the boundaries of the subject property are regulated both by the state and EPA. As long as these mines are following both state and federal guidelines, the current mining operations are considered a BER.

Solid Waste Mounds or Non-natural Fill Materials

Countless mounds were observed throughout the subject property in association with the previous and present mining activities throughout the property. It is reported that coal ash was used to backfill the mines located on the BTC parcels. Due to the soil surface covering, ECS is not able to verify the materials buried at the subject property. The reclaimed mines on the BTC parcels represent a BER for the subject property. The mines are backfilled with coal ash which the MDE is aware of and has been actively testing and monitoring since 2000. The coal ash is used for reclamation purposes, and the MDE stated that testing is conducted 3 to 4 times a year utilizing the TCLP method of laboratory analyses. Since the site will remain in commercial use, ECS considers this a BER. The active mine sites within the boundaries of the subject property are regulated both by the state and EPA. As long as these mines are following both state and federal guidelines, the current mining operations are considered a BER.

The following additional areas were identified during the site assessment:

Asbestos area in Tri-Star - An area of flagging was encountered on the western portion of the Tri-Star property which indicated that asbestos was buried on the subject property.

Burn pits - A burn pit was located on the north-central portion of the Tri-Star mining property.

Trash/dumping areas - There were several dumping areas interspersed throughout various areas of the property. Additionally, tire dumping was observed throughout the property. It should be noted that a high concentration of tire dumping was observed in the asbestos area within the Tri-Star property.

Water/Wastewater Discharge

Multiple stormwater and roadside ditch outlets were located throughout the subject property. Various drainage pipes were also observed throughout including one that could potentially be a mine access point. Staining indicative of an oil/water mixture was not observed on the soil surface near the discharge pipe.

Several riverine features and streams were observed throughout the property including Savage River, Mill Run, Michaels Run, Georges Creek Aarons Run, and numerous other unnamed tributaries. Additionally, several areas within these streams displayed abnormal colorations that consisted of orange and/or milky white tones. Potential acid mine drainage is suspected to be the cause of these irregular color patterns in the streams.

Groundwater Wells

Multiple wells were identified on the subject property including:

- A monitoring well was observed along the road north of the Moran Airfield.

- An environmental well (GA-94-0769) was observed to the south of the Moran Airfield.
- A suspected well was observed within a field, located approximately at the coordinates (39.505881, -79.084642).
- A monitoring well was observed off Mill Run Road
- One groundwater well was observed on the Moran Coal property in relation to the farmhouse residence present on the southern portion of the subject property
- One groundwater well was observed on the Tri-Star property associated with the offices on site

If any of these wells are to be impacted by development they should be closed in accordance with all applicable regulations.

Septic Systems or Cesspools

One suspected septic system was observed on the Moran Coal property in relation to the farmhouse residence present on the southern portion of the subject property, along with one additional system present on the Tri-Star property associated with the offices on site. If either of these septic systems are to be impacted by development they should be closed in accordance with all applicable regulations.

Hydraulic Equipment (Elevators, Lifts, Compactors, Etc.)

Hydraulic equipment is located located throughout the entire subject property. Hydraulic fluid is stored in an above ground reservoir located within the heavy machinery. Staining was observed in the vicinity of the majority of the hydraulic fluid reservoirs. ECS considers the staining associated with the machinery throughout the site to be considered a *de minimis* condition unless otherwise specifically noted.

Specialized Industrial Equipment

Specialized mining equipment was noted throughout the subject property including specialized vehicles and excavators with the highest concentrations observed in association with the active mining and logging areas.

Onsite Electrical Generators

On-site generators for the Moran Coal property were located on the southwestern portion of the site in association with the active mining in that area, at the Moran Airfield on the south central portion of the property, and on the coal storage area on the southeastern portion of the site. It also was noted during the previous ESA that the offices on the Tri-Star property were running off of a generator due to a power outage, however, it was not accessible at the time of site reconnaissance. *De minimis* staining was noted in the vicinity of the three generators on the Moran Coal property.

7.3 Adjoining and Nearby Properties

Contiguous and nearby properties were observed during a walking and vehicular reconnaissance of the subject property boundary and public places. The subject property is located in a rural area of Westernport, Garrett and Allegany County, Maryland.

Direction	Description	Relative Gradient	REC
North	Wooded and cleared land, Roadways	Up-gradient	N/A
East	Georges Creek, the town of Barton to the northeast and the towns of Luke, Piedmont and Westernport to the southeast. An adjoining junkyard was observed around 39.538269, -79.025758.	Down-gradient	N/A
South	North Branch Potomac River followed by wooded land and the town of Bloomington, WV	Down-gradient	N/A
West	Wooded and cleared land	Up-gradient	N/A

Portions of the subject property and surrounding area consist of both active and reclaimed surface mines.

On the east adjoining property, exterior Areas of Tri-Star Workshops and Offices - 12,500-gallon diesel, 1,000-gallon kerosene, compressed oxygen, nitrogen, carbon dioxide, helium, argon, N.O.S. (argon 75%, carbon dioxide 25%) tanks, dissolved acetylene tanks, propane tanks, 10,000-gallon waste oil, 10,000-gallon gas, transformers, 300-gallon antifreeze, 6,000-gallon waste oil, 8,000-gallon diesel, 200 tons ammonia nitrate, multiple 55-gallon drums hydraulic fluid, 1,000-gallon off road diesel, multiple 55-gallon drums of antifreeze, as well as multiple other containers that were either in the workshops, which were inaccessible, or were unlabeled.

7.4 Site and Area Reconnaissance Summary

According to our observations of the subject and surrounding properties, the subject property is utilized primarily for mining with reclaimed mines. Logging activity was prominent in the southeastern portion of the site. Farmland and a few residences were interspersed throughout the property. Wooded areas, riverine features, and suspect wetland areas also comprised large portions of the site. Details pertaining to our on-site and off-site observations are referenced previously. The following RECs were identified during our on-site and off-site reconnaissance:

- The presence of various leaking industrial equipment and an AST leaking within secondary containment at the Moran Airfield are considered a REC for the subject property.
- The actively leaking industrial equipment in association with the active mine on the Moran Coal properties is considered to present REC for the property due to the active leaking of what appeared fuel and hydraulic fluid.

- The three out of use pole-mounted transformers observed to be partially covered within a gravel pile present on the Moran Coal active mining site present an REC for the subject property due to improper handling and/or abandonment and lack of ability to view the bottom of the transformers.
- The actively leaking above ground fuel dispensers in association with the warehouses on the adjacent Tri-Star mining property are considered to present REC for the property due to the active leaking of diesel fuel.

In addition, the following BERs and/or additional considerations were identified:

- Numerous groundwater wells were identified throughout the subject property.
- One suspected septic system was observed on the Moran Coal property in relation to the farmhouse residence present on the southern portion of the subject property, along with one additional system present on the Tri-Star property associated with the offices on site.
- The Tri-Star and Moran mining operations within the property restricted some of our access to the mines during our site reconnaissance. As long as these mines are following both state and federal guidelines, the current mining operations are considered a BER.
- Numerous drums, tanks, and other containers of various sizes were scattered throughout the subject property. The observed drums were situated on soil, concrete and asphalt surfaces.
- The reclaimed mines on the site represent a BER for the subject property. The mines are backfilled with coal ash which the MDE is aware of and has been actively testing and monitoring since 2000. The coal ash is used for reclamation purposes, and the MDE stated that testing is conducted 3-4 times a year utilizing the TCLP method of laboratory analysis. Since the site will remain in commercial use, ECS considers this a BER.
- The cordoned-off area labeled with asbestos tape is considered to represent a BER for the subject property
- Several suspect wetlands and streams were observed during the site reconnaissance and may be potentially jurisdictional. Potentially jurisdictional features may represent a BER for the subject property.
- Irregular coloration patterns were observed in several streams and rivers interspersed throughout the site. It is suspected that these abnormal colors in the water may be associated with acid mine drainage. The potentially contaminated water could present a BER for the subject property.

The following Significant Data Gaps (SDGs) were identified during this assessment:

- Several monitoring wells were observed throughout the subject property. Neither the MDE nor the property owners had any additional information pertaining to the purpose of the monitoring wells. As such, the lack of documentation from the MDE and property owners is considered to be a significant data gap.

8.0 ADDITIONAL SERVICES

ASTM guidelines identify non-scope issues, which are beyond the scope of this practice. Non-scope issues have the potential to be business environmental risks. Some of these non-scope issues include; asbestos-containing building materials, radon, lead-based paint, lead in drinking water, wetlands, and suspected microbial growth.

ECS was not authorized to assess non-scope issues in conjunction with this assessment.

9.0 INTERVIEWS

Michael Bacon of ECS interviewed Victor and Donna Clark by email on December 27, 2023. They have been associated with the subject property (Parcel ID #1211001424) for over 15 years, and have some knowledge related to the subject property and associated activities. They indicated that the property was purchased by their son in 2010 and it took over two years for the property to be deeded over to him. The son passed in 2017 and the property was deeded over to the Mr. and Mrs. Clark in 2018. They stated that a small pond and spring are located on the property. They indicated that there are no liens against the property.

Mr. and Mrs. Clark indicated that they are not aware of 1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, at, or from the subject property; 2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the subject property; or 3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

Donald Moran of Moran Coal Company was contacted by email on January 2, 2024. Mr. Moran is the owner and key site manager of the Moran Coal sites and Meadowland Properties. He has been associated with the Moran Coal property for over 40 years and with the Meadowland Property for over 7 years, and has significant knowledge related to the subject properties and associated activities. He indicated that surface coal mining has occurred on the site. Farm equipment is present throughout the property and consists of drums, totes, and intermediate bulk containers. Mr. Moran indicated that there were both ASTs and USTs near the Moran Airfield located on the property. Mr. Moran mentioned examples of pits, ponds, and lagoons and stressed vegetation associated with the farming activities. They include cattle ponds and hay. Mr. Moran indicated that there was water/ wastewater discharge on the property associated with Aaron's Run. He discussed that there are groundwater wells associated with farm houses throughout the property. Mr. Moran indicated that there have been previous environmental site assessment reports that addressed ash dumping that occurred in relation to mining activities.

Mr. Moran did not indicate whether or not he was aware of 1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, at, or from the subject property; 2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the subject property; or 3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

George Beneer was contacted by email on January 11, 2024. He is the owner of several BTC Developments parcels throughout the subject property. He has been associated with the subject property for over 45 years has significant knowledge related to the subject property and associated activities. Mr. Beneer indicated that there are pits, ponds, and lagoons located throughout the property.

Mr. Beneer indicated that he is not aware of 1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, at, or from the subject property; 2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum

products in, on or from the subject property; or 3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

Mr. and Mrs. David Walter were contacted by telephone on January 24, 2024. They have been associated with the subject property (Parcel ID #1211003125) for approximately 27 years and have significant knowledge related to the subject property and associated activities.

Mr. and Mrs. Walter indicated that they are not aware of 1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, at, or from the subject property; 2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the subject property; or 3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

Copies of interview documentation are included in Appendix II.

ECS interviewed local government officials and agencies via written Freedom of Information Act requests. The information gained from such sources is included in Section 6.10.

10.0 FINDINGS AND CONCLUSIONS

10.1 Findings and Opinions

The subject site is referenced as the Jade Meadows III limit of disturbance (LOD), consisting of an approximately 4,456-acre tract of land that is currently developed. During the Phase I ESA, Jade Meadow III, LLC provided, a more defined description of the subject site that represents the proposed project limit of disturbance (LOD) that includes 32 parcels identified by Maryland Department of Assessments and Taxation (MDAT). The parcels within the LOD consist of the following: PINs 1204003918, 1204004000, 1204004019, 1204004043, 1204004051, 1204004094, 1204004108, 1204004116, 1204004124, 1204004132, 1204004140, 1204004159, 1204004167, 1204004175, 1204004183, 1204004426, 1204005309, 1204005317, 1204006658, 1204004078, 1204004086, and 0108012989 owned by Moran Coal Company; PINs 1211000118, 1211000193, 1211000231, 1211001424, 1211001483, 1211001564, 1211001602, 0109005080, and 0109005080 owned by BTC Development; PIN 1204003683 owned by Meadowland Properties; and, PIN 1211003125 owned by David and Donna Walter. The property is occupied by a mix of grass-covered land and wooded land, multiple dirt-covered roads, a farmhouse with associated outbuildings, an airport, and multiple active and reclaimed mining areas. The office structures on the subject property are serviced by groundwater wells and septic sewer systems and are heated by electricity. The machine shop buildings present on the east-adjoining Tri-Star property are heated with waste oil. The historical and regulatory sources provided by EDR are associated with 53 parcels. This 53-acre property was reduced to the LOD, which consists of 32 parcels. The 32-parcel property and LOD represent the subject site.

The subject property is located in a rural area of Westernport, Maryland. Based on our review of site topography and conditions observed during the site reconnaissance, it is our professional opinion that properties to the north and west are presumed to be hydrogeologically up-gradient of the subject property. The adjoining properties to the north and west of the subject property consist of wooded land, the land to the east consists of Georges Creek and the town of Barton to the northeast and the town of Westernport to the southeast; and the North Branch Potomac River followed by wooded land and the town of Bloomington, WV to the south. ECS did not identify environmental issues associated with current occupants or activities at adjoining or nearby properties that are believed to present a recognized environmental condition (REC) at the subject property.

According to historical records research and other sources, the site has historically been a mixture of active mines, reclaimed mines, farmland, and forested land. Throughout time the locations of the mines have migrated as old areas are backfilled and new mines are excavated. Indications of recognized environmental conditions were identified in the historical data review. Historical records prior to 1895 were not reasonably ascertainable for the subject property.

ECS previously conducted a Phase I Environmental Site Assessment for this subject property in August 2023 and a report revision in September 2023 (ECS Project number 47:17112). The report indicated that the subject property was a rural area utilized primarily for mining operations, logging activities, farmland, and some interspersed residential properties. ECS identified several on-site and/or off-site RECs, HRECs, SDGs, and BERs and/or other considerations at the time of the previous Phase I ESA which are referenced in the previous reports section.

A regulatory database search report was provided by EDR. The database search involves researching a series of Federal, State, Local, and other databases for facilities and properties that are located within specified minimum search distances from the subject property. The report identified the subject property on the databases researched including the AIRS, ECHO, FINDS, NPDES, MRDS, Abandoned Mines, and US Mines in association with the mining and reclamations activities occurring on the subject property, the MD OCPCASES, AST and UST databases in association with the tanks present on the subject property, and on the State EC, in reference to a double walled control with steel and no containment was implemented on the property. The EDR report identified several off-site properties within the minimum ASTM search distances. Based on our review of reasonably ascertainable public records, issues associated with the listings in the database report are not believed to represent a REC for the subject property.

10.2 Significant Data Gaps

Significant data gaps that would be expected to impact our ability to render a professional opinion concerning the subject property were identified.

- The subject property was identified in EDR as **BTC Trucking, Inc., 2278 Michael Road;** however this is located on the adjoining property. ECS has submitted a PIA request to the MDE to identify the locations of the USTs which are associated with this OCP Case. MDE stated that they did not have any files relating to the listing. As such, the lack of documentation from the MDE is considered to be a significant data gap.
- An abandoned house on the central-western portion of the property was observed to have UST fill ports. The house was inaccessible at the time, and the ports, as well as the rest of the house's interior, could not be further examined during site reconnaissance. As such, the inability to access a structure with apparent USTs is considered to be a significant data gap.
- Several monitoring wells were observed throughout the subject property. Neither the MDE nor the property owners had any additional information pertaining to the purpose of the monitoring wells. As such, the lack of documentation from the MDE and property owners is considered to be a significant data gap.

10.3 De Minimis Conditions

The following *de minimis* conditions were identified by ECS during completion of this assessment:

- *De minimis* staining was noted throughout the subject property in association with leaking drums, tanks, and equipment. The staining generally ranged from 1 square foot to 20 square feet in size.
- Petroleum odors were noted in the vicinity of the hydraulic equipment located throughout the site associated with the active mining operations and machine shops.
- Miscellaneous dumping was observed throughout various portions of the property.

10.4 Conclusions

We have performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM E1527-21 of the Jade Meadow 3 Solar Project located at New Georges Creek Road, in Westernport, Garrett and Allegany County, Maryland, the subject property. Any exceptions

to, or deletions from, this practice are described in Section 2.6 of this report. This assessment has revealed the following recognized environmental conditions (RECs) in connection with the subject property:

- Leaking industrial equipment and an AST leaking within secondary containment at the Moran Airfield is considered to represent a REC for the subject property.
- Leaking industrial equipment in association with the active mine on the Moran Coal properties is considered to represent REC for the property due to the active leaking of what appeared fuel and hydraulic fluid.
- Three out-of-use pole-mounted transformers observed to be partially covered within a gravel pile present on the Moran Coal active mining site represent a REC for the subject property due to improper handling and/or abandonment and lack of ability to view the bottom of the transformers.
- Actively leaking above-ground fuel dispensers in association with the warehouses on the adjacent Tri-Star mining property are considered to present REC for the property due to the active leaking of diesel fuel.

This assessment has revealed the following historical recognized environmental conditions (HREC) in connection with the subject property:

- The subject property address was identified on the OCP Cases database. The subject property was listed as **Beener Coal Co/BTC Trucking, 2278 Michael Road**; however, this listing is associated with the adjacent property. OCP Case #9-0477GA was opened on August 25, 1988. There were no records indicating whether a release or clean-up took place, but the case was closed on March 21, 1994. Based on the closed regulatory status, ECS considers this listing to present a HREC for the subject property. A Public Information Act (PIA) request was been submitted to the MDE for more information on this facility, but the MDE indicated that they had no records pertaining to the facility. Based on the LOD, this facility is located on the east adjoining property and is considered to represent an HREC for the subject site.
- The Westernport Landfill operated as a municipal and industrial landfill within both the initial and updated subject property between 1970 and 1992. It was closed in accordance with the MDE and a non-synthetic cap was installed in 1994 followed by an impermeable synthetic cap in 2004. The property is enrolled in a post-closure sampling program for groundwater and methane monitoring administered by the MDE, which will continue until 2035. The presence of a former landfill with controls and active monitoring represents a HREC for the subject property.
- Based on a file review with Garrett County Health Department, a mixture of paper, pulp, and materials from a wastewater treatment plant has been used for topdressing within agricultural fields in the central and eastern portions of the subject property since at least 1982. Additionally, it was also documented that the sludge was used to deep-fill strip mine pits owned by Moran Coal Company. It is unclear if this activity is still ongoing, but the most recent sewage sludge utilization permit available in the file review was issued by the Maryland Department of the Environment (MDE) on June 15, 2018 and expired on June 14, 2023. This activity was permitted and authorized by the MDE and the Upper Potomac River Commission (UPRC). Dioxin sampling test results from 1997 and 1998 showed that no dioxins

were detected at the time of sampling. Based on the permitted and authorized nature of the activity and the ongoing monitoring, ECS believes this activity represents a HREC for the subject property.

The following Significant Data Gaps (SDGs) were identified during this assessment:

- The subject property was listed as **BTC Trucking, Inc., 2278 Michael Road** (Facility ID: 255). The locations of these tanks are unknown. Based on the lack of a post-closure sampling date, ECS considers these tanks to represent a SDG for the subject site. A PIA request was been submitted to the Maryland Department of the Environment (MDE) for more information on this facility, but they indicated that they did not have any available information. This listing appears to be associated with the east adjoining property.
- An abandoned house on the central-western portion of the property was observed to have UST fill ports. The house was inaccessible at the time, and the ports, as well as the rest of the house's interior, could not be further observed during site reconnaissance. ECS considers the inability to access the building a SDG.
- Several monitoring wells were observed throughout the subject property. Neither the MDE nor the property owners had any additional information pertaining to the purpose of the monitoring wells. As such, the lack of documentation from the MDE and property owners is considered to be a significant data gap.

The following Business Environmental Risks (BERs) and/or additional considerations were identified:

- Numerous groundwater wells were identified throughout the subject property.
- One suspected septic system was observed on the Moran Coal property in relation to the farmhouse residence present on the southern portion of the subject property, along with one additional system present on the Tri-Star property associated with the offices on site.
- The Tri-Star and Moran mining operations within the property restricted some of our access to the mines during our site reconnaissance. As long as these mines are following both state and federal guidelines, the current mining operations are considered a BER.
- Numerous drums, tanks, and other containers of various sizes were scattered throughout the subject property. The observed drums were situated on soil, concrete, and asphalt surfaces.
- The reclaimed mines on the site represent a BER for the subject property. The mines are backfilled with coal ash which the MDE is aware of and has been actively testing and monitoring since 2000. The coal ash is used for reclamation purposes and the MDE stated that testing is conducted 3 to 4 times a year utilizing the TCLP method of laboratory analysis. Since the site will remain in commercial use, ECS considers this a BER.
- The cordoned-off area labeled with asbestos tape is considered to represent a BER for the subject property
- Several suspect wetlands and streams were observed during the site reconnaissance and may be potentially jurisdictional. Mr. Moran and Mr. Beneer also indicated the presence of pits, ponds, and lagoons throughout their properties. Potentially jurisdictional features may represent a BER for the subject property.

- Irregular coloration patterns were observed in several streams and rivers interspersed throughout the site. It is suspected that these abnormal colors in the water may be associated with acid mine drainage. The potentially contaminated water could present a BER for the subject property.

11.0 REFERENCES

7.5-minute USGS Topographic Map of the Westernport and Barton, MD Quadrangles, dated 2023.

Allegany County Zoning Map, https://www.alleganygov.org/1672/Zoning-Maps

Allegany County Solid Waste Management Plan 2011-2021 Planning Period, Revised February 2011

Allegany County Solid Waste Management Plan 2021-2031 Planning Period, Adopted April 7, 2022

ASTM E1527-21. Standard Practice for Environmental Site Assessment, Phase I Environmental Site Assessment Process.

Environmental Data Resources, Inc., Certified Sanborn Map Report, dated November 14, 2023, Inquiry Number 7496218.2.

Environmental Data Resources, Inc., City Directory Image Report, dated November 15, 2023, Inquiry Number 7496218.5

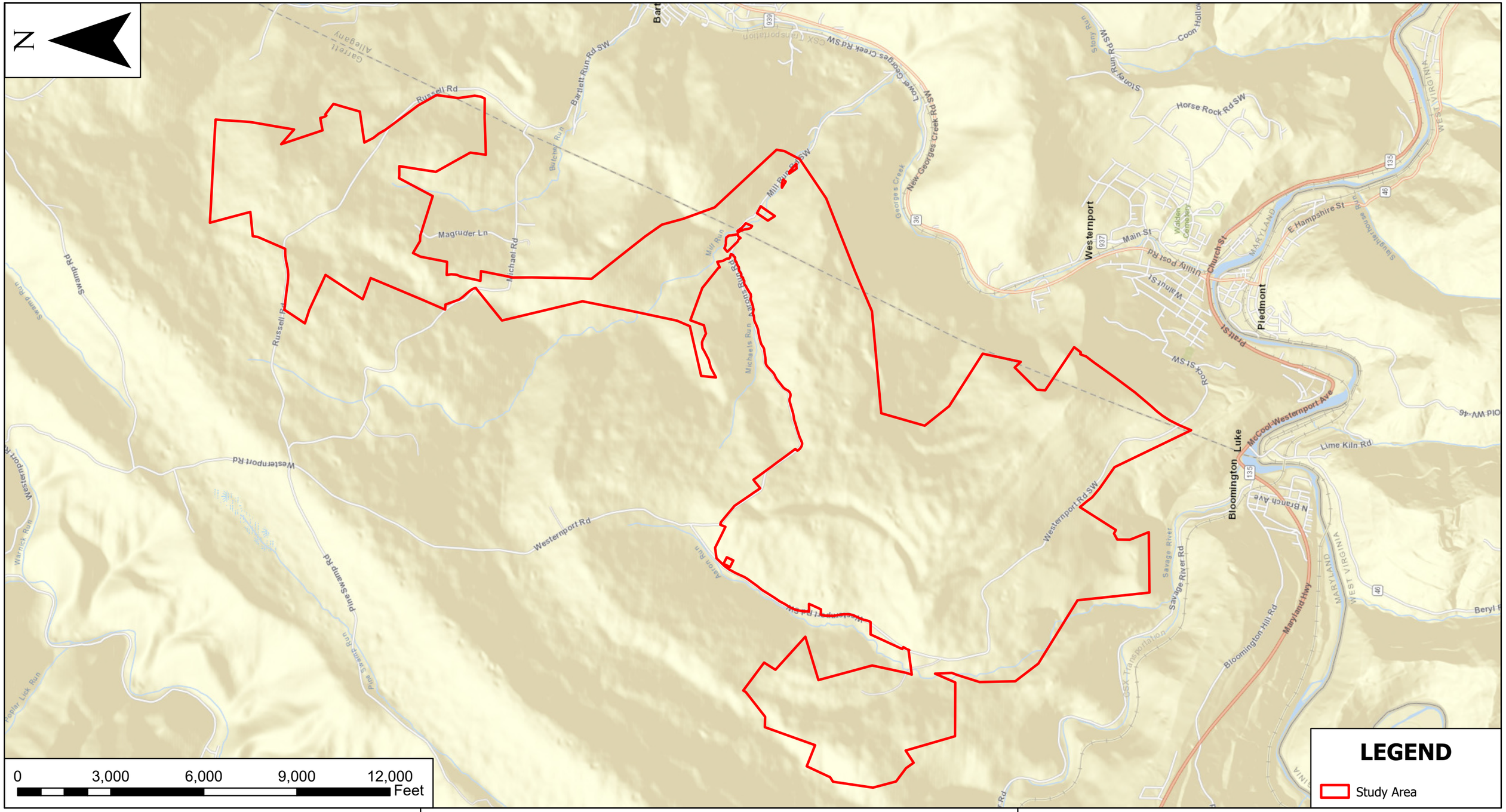
Environmental Data Resources, Inc., Area/Corridor Report, dated November 13, 2023, Inquiry Number 7496218.9s.

Environmental Data Resources, Inc., Historical Topo Map Report, dated November 17, 2023, Inquiry Number 7496218.1.

Environmental Data Resources, Inc., Aerial Photo Decade Package, dated November 17, 2023, Inquiry Number 7496218.4.

Previous ECS Phase I ESA Report for the Jade Meadow 3 Solar Project (ECS Project number 47:17112), dated August 31, 2023; Revised September 18, 2023.

Appendix I: Figures



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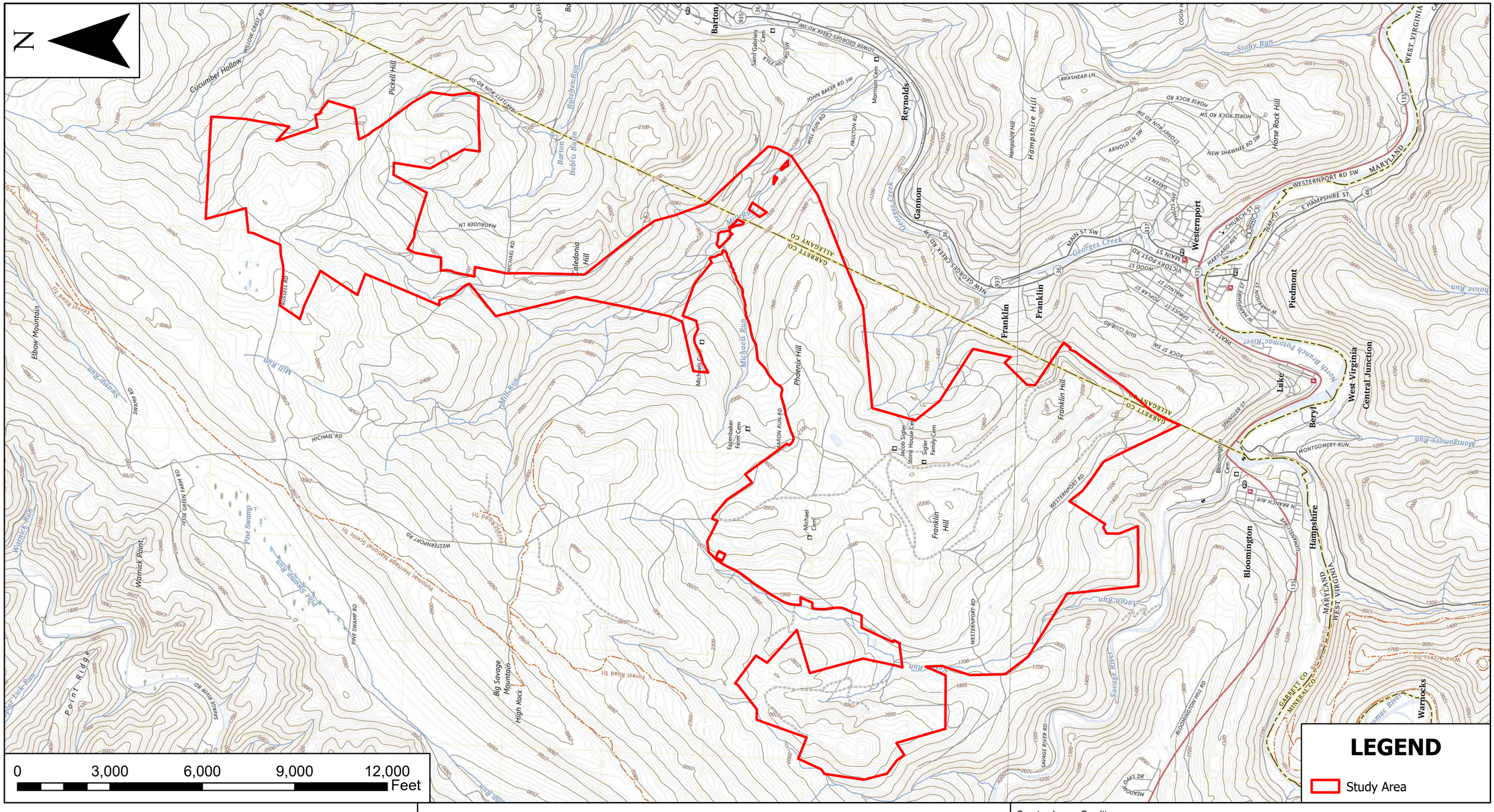
ECS Project No. 47:17729

Jade Meadow 3
New Georges Creek Road
Allegany and Garrett Counties, MD

Figure 1
Site Location Map

Service Layer Credits:
World Street Map: Esri, HERE, Garmin, NGA, USGS, NPS



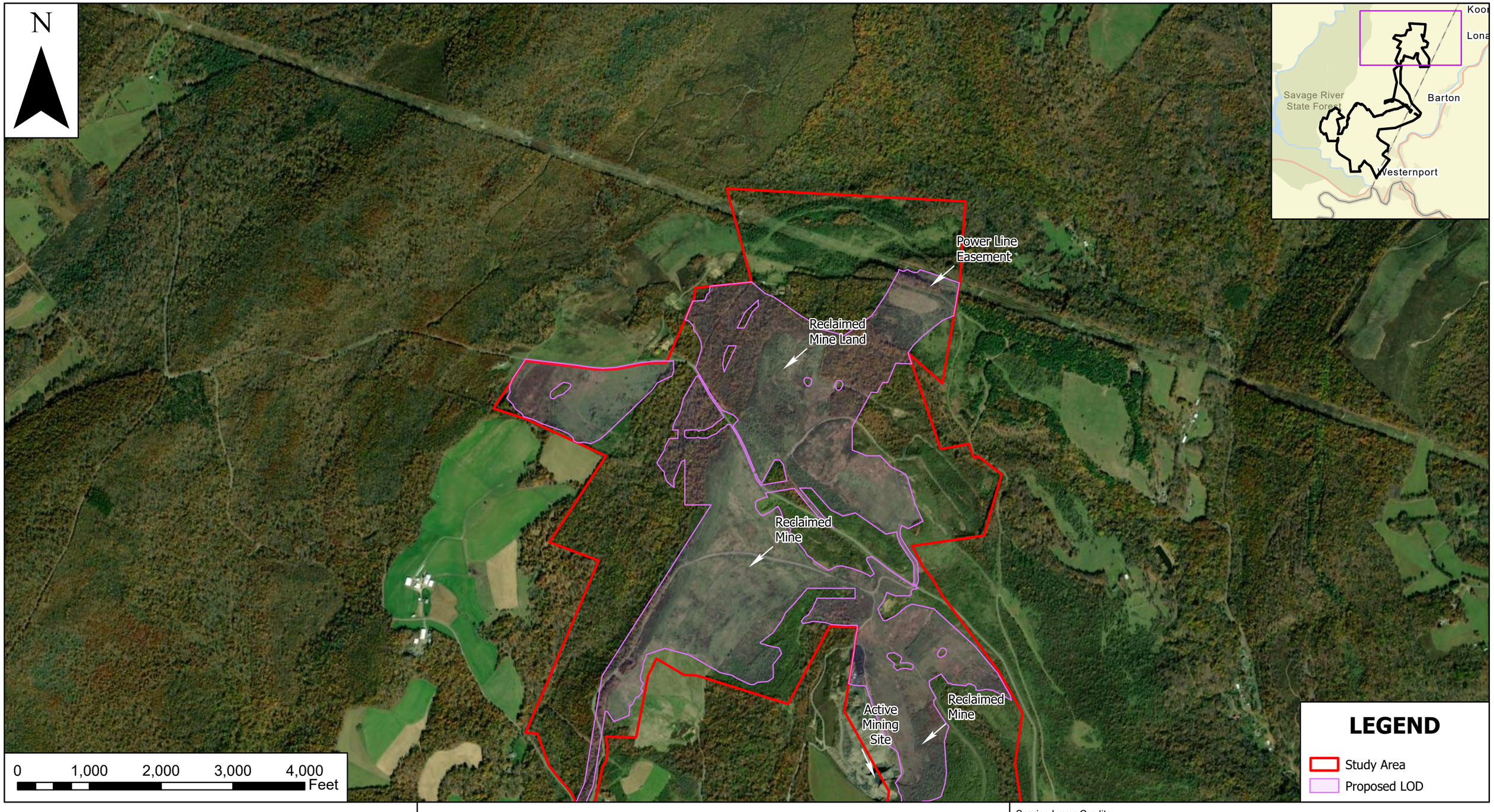
ECS Mid-Atlantic, LLC
1340 Charwood Road, Suite B
Hanover, MD 21076
Phone: (410) 859-4300
www.ecslimited.com

ECS Project No. 47:17729

Jade Meadow 3
New Georges Creek Road
Allegany and Garrett Counties, MD

Figure 2
USGS Topography

Service Layer Credits:
USGS Topographic Maps of the Barton, MD (2023) and Westernport, MD, WV (2023) Quadrangles



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ECS Project No. 47:17729

Jade Meadow 3
New Georges Creek Road
Allegany and Garrett Counties, MD

Figure 3A
Site Features Map

Service Layer Credits:
World Street Map: Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS
World Imagery: Maxar

N

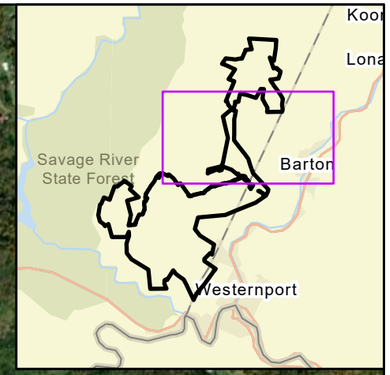
Active Mining Site

Reclaimed Mine

Tri-Star Mining Operations

Active Mining Site

Abandoned Car



0 1,000 2,000 3,000 4,000 Feet

LEGEND

- Study Area
- Proposed LOD

ECS Mid-Atlantic, LLC
1340 Charwood Road, Suite B
Hanover, MD 21076
Phone: (410) 859-4300
www.ecslimited.com

ECS Project No. 47:17729

Jade Meadow 3
New Georges Creek Road
Allegany and Garrett Counties, MD

Figure 3B
Site Features Map

Service Layer Credits:
World Street Map: Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS
World Imagery: Maxar

N

Abandoned Workshop and Mining Equipment

Former Coal Mining Operation

Farmhouse and Barn

Abandoned Sap and Syrup Processing Equipment

Seep Area and Water Storage Tanks

Abandoned House with Suspect UST

Michael Cemetery

Former Coal Mining Operation

Coal Mining Operation

Grove

Abandoned Car

Monitoring Well

Artesian Well

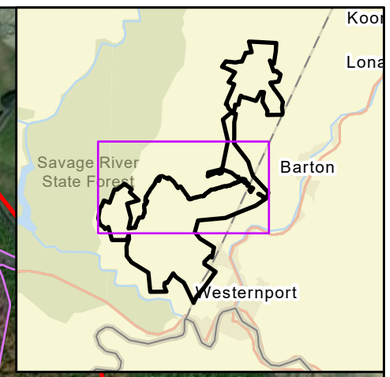
Active Agricultural Field

Staged UST and Well

55-Gallon Drums

Environmental Well

55-Gallon Drum and Debris



0 1,000 2,000 3,000 4,000 Feet

LEGEND

- Study Area
- Proposed LOD

ECS Mid-Atlantic, LLC
1340 Charwood Road, Suite B
Hanover, MD 21076
Phone: (410) 859-4300
www.ecslimited.com

ECS Project No. 47:17729

Jade Meadow 3
New Georges Creek Road
Allegany and Garrett Counties, MD

Figure 3C
Site Features Map

Service Layer Credits:
World Street Map: Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS
World Imagery: Maxar

N

Grove Cemetery

Coal Mining Operation

55-Gallon Drum and Debris

Airfield (Various RECs)

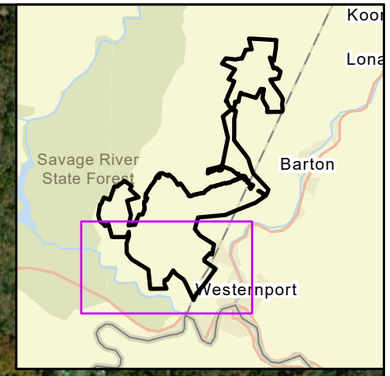
Residence and Outbuildings

Septic System

Environmental Well

Cemetery

Logging Activity



0 1,000 2,000 3,000 4,000 Feet

LEGEND

- Study Area
- Proposed LOD

ECS Mid-Atlantic, LLC
1340 Charwood Road, Suite B
Hanover, MD 21076
Phone: (410) 859-4300
www.ecslimited.com

ECS Project No. 47:17729

Jade Meadow 3
New Georges Creek Road
Allegany and Garrett Counties, MD

Figure 3D
Site Features Map

Service Layer Credits:
World Street Map: Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS
World Imagery: Maxar

Appendix II: Interviews, Correspondence and User Questionnaire

Environmental Questionnaire for User

Completion required for conformance with ASTM E 1527-21. Failure to provide this information may preclude CERCLA liability protections for the property purchaser. Please return answered form to ECS.

Site Name: Jade Meadow 3

Name and Title of Person Completing Questionnaire (Please Print):

Nayo Parrett Mgr. Environmental Affairs

Signature of Person Completing Questionnaire:

NayoParrett

Date: 1/11/24

Name of Your Company and Your Contact Number (Please Print):

REV Renewables 636-751-8459

ASTM E 1527-21 indicates that, "Either the user shall make known to the environmental professional the reason why the user wants to have the Phase I Environmental Site Assessment performed or, if the user does not identify the purpose of the Phase I Environmental Site Assessment, the environmental professional shall assume the purpose is to qualify for an LLP to CERCLA liability and state this in the report." As the user of this ESA, what is the reason for conducting the Phase I ESA? If this question is unanswered, ECS will assume that the user's reason for the ESA is to qualify for landowner liability protections to CERCLA liability.

Please state reason for having ESA performed: option to lease

Will you provide Property Title Records and a Legal Description to ECS?

Please select one: **NO** ☐ **YES** ☒ Title search in process

Will you provide a 50-year chain of title abstract to ECS?

Please select one: **NO** ☐ **YES** ☒ Title search in process; May be provided for some parcels

Please Send Information Promptly

(1a.) Environmental liens that are filed or recorded against the site (40 CFR 312.25). ASTM E 1527-21 states that the user should perform a review of recorded land title records and judicial records for environmental liens or activity and use limitations for the site. Please forward the results of the land title record and judicial record review. If you would prefer, ECS can obtain this information from a third party provider for **an additional fee**. Please let ECS know if you would like to contract ECS for this service.

Please select one: **Client to Provide** ☐ **ECS to Provide for Additional Fee** ☐

Title search in process

(1b.) **Activity and use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).** Are you aware of any activity and use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

Please select one: **NO** ☐ **YES** ☒
If yes, please explain: There may be restrictions based on historic and active mining activities.

(2.) **Specialized knowledge -** As the user of this ESA 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?

Please select one: **NO** ☒ **YES** ☐
If yes, please explain:

(3.) **Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).** Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example:

(a.) Do you know the past uses of the property?

Please select one: **NO** ☐ **YES** ☒
If yes, please state uses: historic and active mining permits

(b.) Do you know of specific chemicals that are present or once were present at the property?

Please select one: **NO** ☒ **YES** ☐
If yes, please explain: Any chemicals would likely be associated with mining activities.

(c.) Do you know of spills or other chemical releases that have taken place at the property?

Please select one: **NO** ☒ **YES** ☐
If yes, please explain: Specific spills/releases not known

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

Please select one: **NO** ☐ **YES** ☒
If yes, please explain: mining reclamation permit and closure documents are available for some areas and will be provided to consultant.

(4.) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29). Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

Please select one: **NO** ☐ **YES** ☒
If no, please explain: _____

If you are aware that there is a difference, is the lower purchase price because contamination is known or believed to be present at the property?

Please select one: **NO** ☒ **YES** ☐
If yes, please explain: N/A fair price paid

(5.) Parcel Property Owner(s) & Contact Number(s):

A. _____
B. _____
C. _____
D. _____

Property Manager and Occupant(s) & Contact Number(s)

Property Manager: _____
Occupant/Tenant: _____
Occupant/Tenant: _____

(6.) The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31). As the user of this ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

Please select one: **NO** ☐ **YES** ☒
If yes, please explain: Historic and active miningactivities

November 2, 2023

Allegany County Department of Emergency Services Headquarters
11400 PPG Road SE
Cumberland, MD 21502
E-mail: jpyles@alleganygov.org

ECS Project No. 47: 17729

Reference: Jade Meadow 3 Solar Project
New Georges Creek Road, Westernport, Maryland 21562
Property Identification Numbers: 08-002037, 08-004021, 08-012989, 08-013675, 08-013721, 08-013780, 08-013799, 08-019398, 08-020825, 08-023174, 09-002340, 09-002618, 09-005064, 09-005072, 09-005080, 09-005358, 09-006230, 09-006346, 09-008500, 09-008926, and 08-007977

Hello,

ECS Mid-Atlantic, LLC (ECS) is currently conducting an environmental investigation on the above-referenced sites. As a part of our investigation, we are interested in obtaining any information your office may have on record regarding any use, storage or disposal of chemical / hazardous substances; spills, leaks, or releases of petroleum products; hazardous materials responses, and/or additional information regarding environmental conditions or impairments to the project sites or adjoining properties.

This request is made via the Freedom of Information Act. We appreciate your assistance in this matter. If you have any questions, please contact me at 410-859-4300.

Respectfully submitted,

ECS MID-ATLANTIC, LLC

Mia Lenzenweger
Environmental Staff Project Manager
MLenzenweger@ecslimited.com

November 2, 2023

Allegany County Health Department
12501 Willowbrook Road
Cumberland, MD 21502
E-mail: achd.info@maryland.gov

ECS Project No. 47: 17729

Reference: Jade Meadow 3 Solar Project
New Georges Creek Road, Westernport, Maryland 21562
Property Identification Numbers: 08-002037, 08-004021, 08-012989, 08-013675, 08-013721, 08-013780, 08-013799, 08-019398, 08-020825, 08-023174, 09-002340, 09-002618, 09-005064, 09-005072, 09-005080, 09-005358, 09-006230, 09-006346, 09-008500, 09-008926, and 08-007977

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Respectfully submitted,

ECS MID-ATLANTIC, LLC

Mia Lenzenweger
Environmental Staff Project Manager
MLenzenweger@ecslimited.com

November 2, 2023

Garrett County Department of Emergency Management
32 Outfitter Way
McHenry, Maryland 21541
E-mail: jfrank@garrettcounty.org

ECS Project No. 47: 17729

Reference: Jade Meadow 3 Solar Project
New Georges Creek Road, Westernport, Maryland 21562
Property Identification Numbers: 04-003683, 04-003918, 04-004000, 04-004019, 04-004043, 04-004051, 04-004078, 04-004086, 04-004094, 04-004108, 04-004116, 04-004124, 04-004132, 04-004140, 04-004159, 04-004167, 04-004175, 04-004183, 04-004426, 04-005309, 04-005317, 04-006658, 11-000118, 11-000193, 11-000231, 11-001483, 11-001564, 11-003125, 11-001424 and 11-001602

Hello,

ECS Mid-Atlantic, LLC (ECS) is currently conducting an environmental investigation on the above-referenced sites. As a part of our investigation, we are interested in obtaining any information your office may have on record regarding any use, storage or disposal of chemical / hazardous substances; spills, leaks, or releases of petroleum products; hazardous materials responses, and/or additional information regarding environmental conditions or impairments to the project sites or adjoining properties.

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Respectfully submitted,

ECS MID-ATLANTIC, LLC

Mia Lenzenweger
Environmental Staff Project Manager
MLenzenweger@ecslimited.com

November 2, 2023

Garrett County Health Department
1025 Memorial Drive
Oakland, Maryland 21550

ECS Project No. 47: 17729

Reference: Jade Meadow 3 Solar Project
New Georges Creek Road, Westernport, Maryland 21562
Property Identification Numbers: 04-003683, 04-003918, 04-004000, 04-004019, 04-004043, 04-004051, 04-004078, 04-004086, 04-004094, 04-004108, 04-004116, 04-004124, 04-004132, 04-004140, 04-004159, 04-004167, 04-004175, 04-004183,04-004426, 04-005309, 04-005317, 04-006658, 11-000118, 11-000193, 11-000231, 11-001483, 11-001564, 11-003125, 11-001424 and 11-001602

Hello,

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Respectfully submitted,

ECS MID-ATLANTIC, LLC

Mia Lenzenweger
Environmental Staff Project Manager
MLenzenweger@ecslimited.com

ECS MID-ATLANTIC, LLC
"Setting the Standard for Service"
Geotechnical • Construction Materials • Environmental • Facilities

November 2, 2023

Allegany County Health Department
12501 Willowbrook Road
Cumberland, MD 21502
E-mail: achd.info@maryland.gov

ECS Project No. 47: 17729

Reference: Jade Meadow 3 Solar Project
New Georges Creek Road, Westernport, Maryland 21562
Property Identification Numbers: 08-002037, 08-004021, 08-012989, 08-013675, 08-013721, 08-013780, 08-013799, 08-019398, 08-020825, 08-023174, 09-002340, 09-002618, 09-005064, 09-005072, 09-005080, 09-005358, 09-006230, 09-006346, 09-008500, 09-008926, and 08-007977

Hello,

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This request is made via the Freedom of Information Act. We appreciate your assistance in this matter. If you have any questions, please contact me at 410-859-4300.

Respectfully submitted,

ECS MID-ATLANTIC, LLC

Mia Lenzenweger
Environmental Staff Project Manager
MLenzenweger@ecslimited.com

Allegany County
HEALTH DEPARTMENT
"Healthy People, Healthy Communities"

Junie Delizo, M.D., M.P.H., Health Officer
12501-12503 Willowbrook Road, SE
Cumberland, MD 21501-1745

301-759-5000 Phone
1-866-909-9629 Toll Free
https://health.maryland.gov/allegany

November 8, 2023

Mia Lenzenweger
ECS Mid-Atlantic LLC

RE: Request for Information – Jade Meadow 3 Solar Project
New Georges Creek Rd, Westernport MD

Dear Ms. Lenzenweger:

This Department is in receipt of your request for information regarding the above-mentioned properties in Westernport, Maryland. A review of our records indicates that this Department has no records or knowledge of any use, storage, or disposal of chemical/hazardous substances; spills, leaks, or releases of petroleum products; hazardous materials responses; well or septic permits and/or addition information regarding environmental conditions.

For additional information, you may wish to contact:

Maryland Department of the Environment
Waste Management Admin.
Montgomery Park Business Center
1800 Washington Blvd
Baltimore MD 21224
800-633-6101

Allegany Co. Hazardous Incident Response Team
c/o Office of Emergency Management
Mexico Farms Road
Cumberland MD 21502
301-759-5908

Allegany Co. Division of Public works
701 Kelley Road
Cumberland MD 21502
301-777-5951

If you have any questions concerning this correspondence, feel free to email achd.eh@maryland.gov or call us at 301-759-5040.

Sincerely,

Brian Dicken, Director
Environmental Health Division

BD/jm

Real Property Data Search ( )
Search Result for ALLEGANY COUNTY

View Map | View GroundRent Redemption | View GroundRent Registration

Special Tax Recapture: None

Account Identifier: District - 08 Account Number - 002037

Owner Information

Owner Name: MORAN COAL COMPANY INC
Use: COMMERCIAL
Principal Residence: NO
Mailing Address: DRAWER E
WESTERNPORT MD 21562
Deed Reference: /00637/ 00001

Location & Structure Information

Premises Address: RT 36 RD
WESTERNPORT 21562-0000
Legal Description: 4.88A
CO RD & GARRETT CO
NR MORANS NURSING HOME

Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0067	0023	0026	10002.01	0000				2023	Plat Ref:

Town: None

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
			4.8800 AC	

Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
			/				

Value Information

	Base Value	Value	Phase-in Assessments	
		As of 01/01/2023	As of 07/01/2023	As of 07/01/2024
Land:	7,300	7,300		
Improvements	0	0		
Total:	7,300	7,300	7,300	7,300
Preferential Land:	0	0		

Transfer Information

Seller: ETI EXPLOSIVES TECHNOLOGIES	**Date:** 04/29/1996	**Price:** $3,015
Type: NON-ARMS LENGTH OTHER	**Deed1:** /00637/ 00001	**Deed2:**
Seller: E I DUPONT DE NEMOURS-CO INC	**Date:** 02/18/1988	**Price:** $3,000
Type: ARMS LENGTH IMPROVED	**Deed1:** /00569/ 00994	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**

Exemption Information

Partial Exempt Assessments:	Class	07/01/2023	07/01/2024
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00|0.00	0.00|0.00

Special Tax Recapture: None

Homestead Application Information

Homestead Application Status: No Application

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No Application **Date:**

Real Property Data Search ( )
Search Result for ALLEGANY COUNTY

View Map | View GroundRent Redemption | View GroundRent Registration

Special Tax Recapture: None

Account Identifier: District - 08 Account Number - 004021

Owner Information

Owner Name: MORAN COAL CO INC
Use: RESIDENTIAL
Principal Residence: NO
Mailing Address: P O BOX E
WESTERNPORT MD 21562-0069
Deed Reference: /00437/ 00497

Location & Structure Information

Premises Address: MILL RUN RD
WESTERNPORT 21562-0000
Legal Description: 1.446A
REYNOLDS & MILL RUN RD

Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0068	0008	0076	8010001.01	0000				2023	Plat Ref:

Town: None

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
			1.4400 AC	

Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
			/				

Value Information

	Base Value	Value As of 01/01/2023	Phase-in Assessments As of 07/01/2023	As of 07/01/2024
Land:	2,500	2,500		
Improvements	0	0		
Total:	2,500	2,500	2,500	2,500
Preferential Land:	0	0		

Transfer Information

Seller:	Date:	Price:
Type:	Deed1: /00437/ 00497	Deed2:
Seller:	Date:	Price:
Type:	Deed1:	Deed2:
Seller:	Date:	Price:
Type:	Deed1:	Deed2:

Exemption Information

Partial Exempt Assessments:	Class	07/01/2023	07/01/2024
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00|0.00	0.00|0.00

Special Tax Recapture: None

Homestead Application Information

Homestead Application Status: No Application

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No Application **Date:**

Real Property Data Search ( )
Search Result for ALLEGANY COUNTY

View Map | View GroundRent Redemption | View GroundRent Registration

Special Tax Recapture: AGRICULTURAL TRANSFER TAX

Account Identifier: District - 08 Account Number - 012989

Owner Information

Owner Name:	MORAN COAL CO	**Use:**	AGRICULTURAL
		Principal Residence:	NO
Mailing Address:	PO BOX E WESTERNPORT MD 21562	**Deed Reference:**	/00662/ 00836

Location & Structure Information

Premises Address:	PHOENIX HILL WESTERNPORT 21562-0000	**Legal Description:**	230.788A PHOENIX HILL

Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0068	0007	0209	8010001.01	0000				2023	Plat Ref:

Town: None

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
			230.7800 AC	

Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
			/				

Value Information

	Base Value	Value As of 01/01/2023	Phase-in Assessments As of 07/01/2023	As of 07/01/2024
Land:	43,200	43,200		
Improvements	0	0		
Total:	43,200	43,200	43,200	43,200
Preferential Land:	43,200	43,200		

Transfer Information

Seller: MORAN, E S & SONS	**Date:** 07/31/1998	**Price:** $711,189
Type: NON-ARMS LENGTH OTHER	**Deed1:** /00662/ 00836	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**

Exemption Information

Partial Exempt Assessments:	Class	07/01/2023	07/01/2024
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00|0.00	0.00|0.00

Special Tax Recapture: AGRICULTURAL TRANSFER TAX

Homestead Application Information

Homestead Application Status: No Application

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No Application **Date:**

Real Property Data Search ( )
Search Result for ALLEGANY COUNTY

View Map | View GroundRent Redemption | View GroundRent Registration

Special Tax Recapture: None

Account Identifier: District - 08 Account Number - 013675

Owner Information

Owner Name: MORAN COAL CO
Use: RESIDENTIAL
Principal Residence: NO
Mailing Address: P O BOX E
WESTERNPORT MD 21562
Deed Reference: /00321/ 00363

Location & Structure Information

Premises Address: STATE RD
WESTERNPORT 21562-0000
Legal Description: 0.5171A
STATE RD
FRANKLIN

Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0067	0024	0014	8010001.01	0000				2023	Plat Ref:

Town: None

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
			22,520 SF	

Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
			/				

Value Information

	Base Value	Value	Phase-in Assessments	
		As of 01/01/2023	As of 07/01/2023	As of 07/01/2024
Land:	5,600	5,600		
Improvements	0	0		
Total:	5,600	5,600	5,600	5,600
Preferential Land:	0	0		

Transfer Information

Seller:	**Date:**	**Price:**
Type:	**Deed1:** /00321/ 00363	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**

Exemption Information

Partial Exempt Assessments:	Class	07/01/2023	07/01/2024
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00|0.00	0.00|0.00

Special Tax Recapture: None

Homestead Application Information

Homestead Application Status: No Application

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No Application **Date:**

Real Property Data Search ( )
Search Result for ALLEGANY COUNTY

View Map | View GroundRent Redemption | View GroundRent Registration

Special Tax Recapture: AGRICULTURAL TRANSFER TAX

Account Identifier: District - 08 Account Number - 013721

Owner Information

Owner Name: MORAN COAL CO
Use: AGRICULTURAL
Principal Residence: NO
Mailing Address: PO BOX E
WESTERNPORT MD 21562
Deed Reference: /00662/ 00836

Location & Structure Information

Premises Address: ROUTE 36 RD
WESTERNPORT 21562-0000
Legal Description: 160.393A
N/W OF WESTERNPORT
ALLEGANY-GARRETT CO LINE

Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0075	0005	0010	8010001.01	0000				2023	Plat Ref:

Town: None

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
			160.3900 AC	

Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
			/				

Value Information

	Base Value	Value	Phase-in Assessments	
		As of 01/01/2023	As of 07/01/2023	As of 07/01/2024
Land:	30,000	30,000		
Improvements	0	0		
Total:	30,000	30,000	30,000	30,000
Preferential Land:	30,000	30,000		

Transfer Information

Seller: MORAN COAL CO	**Date:** 07/31/1998	**Price:** $711,189
Type: NON-ARMS LENGTH OTHER	**Deed1:** /00662/ 00836	**Deed2:**
Seller: MORAN, E S & SONS	**Date:** 12/17/1997	**Price:** $50,000
Type: NON-ARMS LENGTH OTHER	**Deed1:** /00655/ 00954	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**

Exemption Information

Partial Exempt Assessments:	Class	07/01/2023	07/01/2024
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00|0.00	0.00|0.00

Special Tax Recapture: AGRICULTURAL TRANSFER TAX

Homestead Application Information

Homestead Application Status: No Application

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No Application **Date:**

Real Property Data Search ( )
Search Result for ALLEGANY COUNTY

View Map | View GroundRent Redemption | View GroundRent Registration

Special Tax Recapture: None

Account Identifier: District - 08 Account Number - 013780

Owner Information

Owner Name: MORAN COAL CO
Use: RESIDENTIAL
Principal Residence: NO
Mailing Address: PO BOX E
WESTERNPORT MD 21562-0069
Deed Reference: /00662/ 00836

Location & Structure Information

Premises Address: E LYNN ST
WESTERNPORT 21562-0000
Legal Description: E/S LYNN ST
LOTS 386 & 388 100X125
HAMMOND ADDN

Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0501	0000	0409	8010001.01	0000				2023	Plat Ref:

Town: WESTERNPORT

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
			12,500 SF	

Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
			/				

Value Information

	Base Value	Value	Phase-in Assessments	
		As of 01/01/2023	As of 07/01/2023	As of 07/01/2024
Land:	6,800	6,800		
Improvements	0	0		
Total:	6,800	6,800	6,800	6,800
Preferential Land:	0	0		

Transfer Information

Seller: MORAN, CHARLES E ET AL	**Date:** 07/31/1998	**Price:** $711,189
Type: NON-ARMS LENGTH OTHER	**Deed1:** /00662/ 00836	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**

Exemption Information

Partial Exempt Assessments:	Class	07/01/2023	07/01/2024
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00|0.00	0.00|0.00

Special Tax Recapture: None

Homestead Application Information

Homestead Application Status: No Application

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No Application **Date:**

Real Property Data Search ( )
Search Result for ALLEGANY COUNTY

View Map | View GroundRent Redemption | View GroundRent Registration

Special Tax Recapture: None

Account Identifier: District - 08 Account Number - 013799

Owner Information

Owner Name: MORAN COAL CO
Use: RESIDENTIAL
Principal Residence: NO
Mailing Address: PO BOX E
WESTERNPORT MD 21562-0069
Deed Reference: /00662/ 00836

Location & Structure Information

Premises Address: W POPLAR ST
WESTERNPORT 21562-0000
Legal Description: W/S POPLAR ST
LOTS 385 & 387 100X125
HAMMONDS ADDN

Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0501	0000	0374	8010001.01	0000				2023	Plat Ref:

Town: WESTERNPORT

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
			12,500 SF	

Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
			/				

Value Information

	Base Value	Value	Phase-in Assessments	
		As of 01/01/2023	As of 07/01/2023	As of 07/01/2024
Land:	3,100	3,100		
Improvements	0	0		
Total:	3,100	3,100	3,100	3,100
Preferential Land:	0	0		

Transfer Information

Seller: MORAN, CHARLES E ET AL	**Date:** 07/31/1998	**Price:** $711,189
Type: NON-ARMS LENGTH OTHER	**Deed1:** /00662/ 00836	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**

Exemption Information

Partial Exempt Assessments:	Class	07/01/2023	07/01/2024
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00|0.00	0.00|0.00

Special Tax Recapture: None

Homestead Application Information

Homestead Application Status: No Application

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No Application **Date:**

Real Property Data Search ( )
Search Result for ALLEGANY COUNTY

View Map | View GroundRent Redemption | View GroundRent Registration

Special Tax Recapture: AGRICULTURAL TRANSFER TAX

Account Identifier: District - 08 Account Number - 019398

Owner Information

Owner Name: MORAN COAL CO
Use: AGRICULTURAL
Principal Residence: NO
Mailing Address: PO BOX E
WESTERNPORT MD 21562-0069
Deed Reference: /00662/ 00836

Location & Structure Information

Premises Address: GARRETT COUNTY RD
WESTERNPORT 21562-0000
Legal Description: 51.77 AC
N/W LUKE NR GARRETT
COUNTY LINE

Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0075	0010	0017	8010001.01	0000				2023	Plat Ref:

Town: None

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
			51.7700 AC	

Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
			/				

Value Information

	Base Value	Value	Phase-in Assessments	
		As of 01/01/2023	As of 07/01/2023	As of 07/01/2024
Land:	9,700	9,700		
Improvements	0	0		
Total:	9,700	9,700	9,700	9,700
Preferential Land:	9,700	9,700		

Transfer Information

Seller: MORAN, E S & SONS	**Date:** 07/31/1998	**Price:** $711,189
Type: NON-ARMS LENGTH OTHER	**Deed1:** /00662/ 00836	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**

Exemption Information

Partial Exempt Assessments:	Class	07/01/2023	07/01/2024
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00|0.00	0.00|0.00

Special Tax Recapture: AGRICULTURAL TRANSFER TAX

Homestead Application Information

Homestead Application Status: No Application

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No Application **Date:**

Real Property Data Search ( )
Search Result for ALLEGANY COUNTY

View Map | View GroundRent Redemption | View GroundRent Registration

Special Tax Recapture: AGRICULTURAL TRANSFER TAX

Account Identifier: District - 08 Account Number - 020825

Owner Information

Owner Name: MORAN COAL CO INC
Use: AGRICULTURAL
Principal Residence: NO
Mailing Address: DRAWER E
WESTERNPORT MD 21562
Deed Reference: /01429/ 00078

Location & Structure Information

Premises Address: COUNTY RD
WESTERNPORT 21562-0000
Legal Description: 25.7A
NR FRANKLIN

Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0075	0015	0015	8010001.01	0000				2023	Plat Ref:

Town: None

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
			25.7000 AC	

Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
			/				

Value Information

	Base Value	Value As of 01/01/2023	Phase-in Assessments As of 07/01/2023	As of 07/01/2024
Land:	4,800	4,800		
Improvements	0	0		
Total:	4,800	4,800	4,800	4,800
Preferential Land:	4,800	4,800		

Transfer Information

Seller: WILSON, MARY KATHERINE	**Date:** 09/27/2007	**Price:** $65,000
Type: ARMS LENGTH IMPROVED	**Deed1:** /01429/ 00078	**Deed2:**
Seller: WILSON, MARSHALL E JR-MYRTLE L	**Date:** 11/13/1996	**Price:** $0
Type: NON-ARMS LENGTH OTHER	**Deed1:** /00643/ 00015	**Deed2:**
Seller: WILSON, MARSHALL E JR ET AL	**Date:** 06/06/1996	**Price:** $0
Type: NON-ARMS LENGTH OTHER	**Deed1:** /00638/ 00334	**Deed2:**

Exemption Information

Partial Exempt Assessments:	Class	07/01/2023	07/01/2024
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00|0.00	0.00|0.00

Special Tax Recapture: AGRICULTURAL TRANSFER TAX

Homestead Application Information

Homestead Application Status: No Application

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No Application **Date:**

Real Property Data Search ( )
Search Result for ALLEGANY COUNTY

View Map | View GroundRent Redemption | View GroundRent Registration

Special Tax Recapture: None

Account Identifier: District - 08 Account Number - 023174

Owner Information

Owner Name: MORAN COAL CO
Use: RESIDENTIAL
Principal Residence: NO
Mailing Address: PO BOX E
WESTERNPORT MD 21562-0069
Deed Reference: /00662/ 00836

Location & Structure Information

Premises Address: STATE RD
WESTERNPORT 21562-0000
Legal Description: 0.333A RR STATE RD
ALONG C & P RWY

Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0067	0024	0021	8010001.01	0226				2023	Plat Ref:

Town: None

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
			14,505 SF	

Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
			/				

Value Information

	Base Value	Value As of 01/01/2023	Phase-in Assessments As of 07/01/2023	As of 07/01/2024
Land:	1,400	1,400		
Improvements	0	0		
Total:	1,400	1,400	1,400	1,400
Preferential Land:	0	0		

Transfer Information

Seller: MORAN, E S-SONS	**Date:** 07/31/1998	**Price:** $711,189
Type: NON-ARMS LENGTH OTHER	**Deed1:** /00662/ 00836	**Deed2:**
Seller: STATE HIGHWAY ADMINISTRATION	**Date:** 04/15/1988	**Price:** $900
Type: ARMS LENGTH IMPROVED	**Deed1:** /00571/ 00068	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**

Exemption Information

Partial Exempt Assessments:	Class	07/01/2023	07/01/2024
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00|0.00	0.00|0.00

Special Tax Recapture: None

Homestead Application Information

Homestead Application Status: No Application

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No Application **Date:**

Real Property Data Search ( )
Search Result for ALLEGANY COUNTY

View Map | View GroundRent Redemption | View GroundRent Registration

Special Tax Recapture: None

Account Identifier: District - 09 Account Number - 002340

Owner Information

Owner Name: BTC DEVELOPMENTS
Use: RESIDENTIAL
Principal Residence: NO
Mailing Address: PO BOX 339
2278 MICHAEL RD
BARTON MD 21521-
Deed Reference: /02428/ 00420

Location & Structure Information

Premises Address: BARTLETT RUN RD
BARTON 21521-0000
Legal Description: 7.02A
S/S BARTLETT RUN RD

Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0057	0014	0236	10010001.01	0000				2023	Plat Ref:

Town: None

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
			7.0200 AC	

Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
			/				

Value Information

	Base Value	Value	Phase-in Assessments	
		As of 01/01/2023	As of 07/01/2023	As of 07/01/2024
Land:	23,500	23,500		
Improvements	0	0		
Total:	23,500	23,500	23,500	23,500
Preferential Land:	0	0		

Transfer Information

Seller: BEEMAN JOHN E	**Date:** 11/27/2018	**Price:** $20,000
Type: NON-ARMS LENGTH OTHER	**Deed1:** /02428/ 00420	**Deed2:**
Seller: BEEMAN, WILMA JEAN	**Date:** 10/16/2009	**Price:** $0
Type: NON-ARMS LENGTH OTHER	**Deed1:** /01638/ 00174	**Deed2:**
Seller: BEEMAN, JOSEPH J ET UX	**Date:** 05/08/2009	**Price:** $0
Type: NON-ARMS LENGTH OTHER	**Deed1:** /01586/ 00159	**Deed2:**

Exemption Information

Partial Exempt Assessments:	Class	07/01/2023	07/01/2024
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00|0.00	0.00|0.00

Special Tax Recapture: None

Homestead Application Information

Homestead Application Status: No Application

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No Application **Date:**

Real Property Data Search ( )
Search Result for ALLEGANY COUNTY

View Map | View GroundRent Redemption | View GroundRent Registration

Special Tax Recapture: None

Account Identifier: District - 09 Account Number - 002618

Owner Information

Owner Name:	BTC DEVELOPMENTS A PARTNERSHIP	**Use:** **Principal Residence:**	RESIDENTIAL NO
Mailing Address:	PO BOX 339 BARTON MD 21521-0339	**Deed Reference:**	/00584/ 00422

Location & Structure Information

Premises Address:	BARTLETT RUN BARTON 21521-0000	**Legal Description:**	64.225A BARTLETT RUN

Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0057	0020	0239	10010001.01	0000				2023	Plat Ref:

Town: BARTON

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
			64.2200 AC	

Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
			/				

Value Information

	Base Value	Value	Phase-in Assessments	
		As of 01/01/2023	As of 07/01/2023	As of 07/01/2024
Land:	126,400	126,400		
Improvements	0	0		
Total:	126,400	126,400	126,400	126,400
Preferential Land:	0	0		

Transfer Information

Seller: BROADWATER, EDNA G ET VIR	**Date:** 11/16/1989	**Price:** $75,000
Type: ARMS LENGTH IMPROVED	**Deed1:** /00584/ 00422	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**

Exemption Information

Partial Exempt Assessments:	Class	07/01/2023	07/01/2024
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00|0.00	0.00|0.00

Special Tax Recapture: None

Homestead Application Information

Homestead Application Status: No Application

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No Application **Date:**

Real Property Data Search ( )
Search Result for ALLEGANY COUNTY

View Map | View GroundRent Redemption | View GroundRent Registration

Special Tax Recapture: None

Account Identifier: District - 09 Account Number - 005064

Owner Information

Owner Name: B T C DEVELOPMENT
Use: RESIDENTIAL
Principal Residence: NO
Mailing Address: PO BOX 339
BARTON MD 21521-0339
Deed Reference: /00553/ 00138

Location & Structure Information

Premises Address: SWANTON RD
BARTON 21521-0000
Legal Description: 130.643A
W OF BARTON
END OF SWANTON RD

Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0057	0020	0003	10010001.01	0000				2023	Plat Ref:

Town: None

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
			130.6400 AC	

Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
			/				

Value Information

	Base Value	Value	Phase-in Assessments	
		As of 01/01/2023	As of 07/01/2023	As of 07/01/2024
Land:	235,100	235,100		
Improvements	0	0		
Total:	235,100	235,100	235,100	235,100
Preferential Land:	0	0		

Transfer Information

Seller: GINNIMAN, CHARLES F ET UX	**Date:** 11/08/1985	**Price:** $0
Type: NON-ARMS LENGTH OTHER	**Deed1:** /00553/ 00138	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**

Exemption Information

Partial Exempt Assessments:	Class	07/01/2023	07/01/2024
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00|0.00	0.00|0.00

Special Tax Recapture: None

Homestead Application Information

Homestead Application Status: No Application

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No Application **Date:**

Real Property Data Search ( )
Search Result for ALLEGANY COUNTY

View Map | View GroundRent Redemption | View GroundRent Registration

Special Tax Recapture: None

Account Identifier: District - 09 Account Number - 005072

Owner Information

Owner Name:	B T C DEVELOPMENT	**Use:**	RESIDENTIAL
		Principal Residence:	NO
Mailing Address:	PO BOX 339 BARTON MD 21521-0339	**Deed Reference:**	/00553/ 00138

Location & Structure Information

Premises Address:	CALEDONIA HILL BARTON 21521-0000	**Legal Description:**	4.043A CALEDONIA MINES W OF BARTON

Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0057	0020	0240	10010001.01	0000				2023	Plat Ref:

Town: None

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
			4.0400 AC	

Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
			/				

Value Information

	Base Value	Value	Phase-in Assessments	
		As of 01/01/2023	As of 07/01/2023	As of 07/01/2024
Land:	7,200	7,200		
Improvements	0	0		
Total:	7,200	7,200	7,200	7,200
Preferential Land:	0	0		

Transfer Information

Seller: GINNIMAN, CHARLES F ET UX	**Date:** 11/08/1985	**Price:** $0
Type: NON-ARMS LENGTH OTHER	**Deed1:** /00553/ 00138	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**

Exemption Information

Partial Exempt Assessments:	Class	07/01/2023	07/01/2024
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00|0.00	0.00|0.00

Special Tax Recapture: None

Homestead Application Information

Homestead Application Status: No Application

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No Application **Date:**

Real Property Data Search ( )
Search Result for ALLEGANY COUNTY

View Map | View GroundRent Redemption | View GroundRent Registration

Special Tax Recapture: None

Account Identifier: **District -** 09 **Account Number -** 005080

Owner Information

Owner Name: B T C DEVELOPMENT
Use: RESIDENTIAL
Principal Residence: NO
Mailing Address: PO BOX 339
BARTON MD 21521-0339
Deed Reference: /00553/ 00138

Location & Structure Information

Premises Address: MILL RUN RD
BARTON 21521-0000
Legal Description: 48.25A
END OF MILL RUN RD AT
GARRET CO LINE SW BARTON

Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0068	0001	0226	10010001.01	0000				2023	Plat Ref:

Town: None

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
			48.2500 AC	

Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
			/				

Value Information

	Base Value	Value	Phase-in Assessments	
		As of 01/01/2023	As of 07/01/2023	As of 07/01/2024
Land:	86,800	86,800		
Improvements	0	0		
Total:	86,800	86,800	86,800	86,800
Preferential Land:	0	0		

Transfer Information

Seller: GINNIMAN, CHARLES F ET UX	**Date:** 11/08/1985	**Price:** $0
Type: NON-ARMS LENGTH OTHER	**Deed1:** /00553/ 00138	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**

Exemption Information

Partial Exempt Assessments:	Class	07/01/2023	07/01/2024
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00|0.00	0.00|0.00

Special Tax Recapture: None

Homestead Application Information

Homestead Application Status: No Application

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No Application **Date:**

Real Property Data Search ( )
Search Result for ALLEGANY COUNTY

View Map | View GroundRent Redemption | View GroundRent Registration

Special Tax Recapture: None

Account Identifier: District - 09 Account Number - 005358

Owner Information

Owner Name:	B T C DEVELOPMENT	**Use:**	RESIDENTIAL
		Principal Residence:	NO
Mailing Address:	PO BOX 339 BARTON MD 21521-0339	**Deed Reference:**	/00553/ 00138

Location & Structure Information

Premises Address:	NE MILL RUN RD BARTON 21521-0000	**Legal Description:**	4.67A N/E/S MILL RUN RD OFF W/S RT 36

Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0068	0001	0141	10010001.01	0000				2023	Plat Ref:

Town: None

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
			4.6700 AC	

Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
			/				

Value Information

	Base Value	Value	Phase-in Assessments	
		As of 01/01/2023	As of 07/01/2023	As of 07/01/2024
Land:	19,300	19,300		
Improvements	0	0		
Total:	19,300	19,300	19,300	19,300
Preferential Land:	0	0		

Transfer Information

Seller: GINNIMAN, CHARLES F ET UX	**Date:** 11/08/1985	**Price:** $0
Type: NON-ARMS LENGTH OTHER	**Deed1:** /00553/ 00138	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**

Exemption Information

Partial Exempt Assessments:	Class	07/01/2023	07/01/2024
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00|0.00	0.00|0.00

Special Tax Recapture: None

Homestead Application Information

Homestead Application Status: No Application

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No Application **Date:**

Real Property Data Search ( )
Search Result for ALLEGANY COUNTY

View Map | View GroundRent Redemption | View GroundRent Registration

Special Tax Recapture: None

Account Identifier: **District -** 09 **Account Number -** 006230

Owner Information

Owner Name:	MORAN COAL COMPANY INC	**Use:**	RESIDENTIAL
		Principal Residence:	NO
Mailing Address:	DRAWER E WESTERNPORT MD 21562-	**Deed Reference:**	/02008/ 00166

Location & Structure Information

Premises Address:	POTOMAC HOLLOW RD BARTON 21521-0000	**Legal Description:**	5.34A POTOMAC HOLLOW

Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0057	0022	0289	10010001.01	0000				2023	Plat Ref:

Town: None

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
			5.3400 AC	

Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
			/				

Value Information

	Base Value	Value	Phase-in Assessments	
		As of 01/01/2023	As of 07/01/2023	As of 07/01/2024
Land:	9,600	9,600		
Improvements	0	0		
Total:	9,600	9,600	9,600	9,600
Preferential Land:	0	0		

Transfer Information

Seller: DUNCAN CAROLYN S	**Date:** 10/15/2013	**Price:** $20,000
Type: ARMS LENGTH MULTIPLE	**Deed1:** /02008/ 00166	**Deed2:**
Seller: MOORE, ELWOOD A ET UX	**Date:** 12/01/2006	**Price:** $35,000
Type: NON-ARMS LENGTH OTHER	**Deed1:** /01335/ 00145	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**

Exemption Information

Partial Exempt Assessments:	Class	07/01/2023	07/01/2024
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00|0.00	0.00|0.00

Special Tax Recapture: None

Homestead Application Information

Homestead Application Status: No Application

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No Application **Date:**

Real Property Data Search ( )
Search Result for ALLEGANY COUNTY

View Map | View GroundRent Redemption | View GroundRent Registration

Special Tax Recapture: AGRICULTURAL TRANSFER TAX

Account Identifier: **District -** 09 **Account Number -** 006346

Owner Information

Owner Name: MORAN COAL CO
Use: AGRICULTURAL
Principal Residence: NO
Mailing Address: PO BOX E
WESTERNPORT MD 21562-0069
Deed Reference: /00662/ 00836

Location & Structure Information

Premises Address: MILL RUN RD
BARTON 21521-0000
Legal Description: 34A
MILL RUN RD

Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0068	0001	0062	10010001.01	0000				2023	Plat Ref:

Town: None

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
			34.0000 AC	

Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
			/				

Value Information

	Base Value	Value As of 01/01/2023	Phase-in Assessments As of 07/01/2023	As of 07/01/2024
Land:	6,300	6,300		
Improvements	0	0		
Total:	6,300	6,300	6,300	6,300
Preferential Land:	6,300	6,300		

Transfer Information

Seller: MORAN COAL CO	**Date:** 07/31/1998	**Price:** $711,189
Type: NON-ARMS LENGTH OTHER	**Deed1:** /00662/ 00836	**Deed2:**
Seller: MORAN, E S & SONS	**Date:** 12/17/1997	**Price:** $50,000
Type: NON-ARMS LENGTH OTHER	**Deed1:** /00655/ 00954	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**

Exemption Information

Partial Exempt Assessments:	Class	07/01/2023	07/01/2024
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00|0.00	0.00|0.00

Special Tax Recapture: AGRICULTURAL TRANSFER TAX

Homestead Application Information

Homestead Application Status: No Application

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No Application **Date:**

Real Property Data Search ( )
Search Result for ALLEGANY COUNTY

View Map | View GroundRent Redemption | View GroundRent Registration

Special Tax Recapture: None

Account Identifier: District - 09 Account Number - 008500

Owner Information

Owner Name:	B T C DEVELOPMENT	**Use:**	RESIDENTIAL
		Principal Residence:	NO
Mailing Address:	PO BOX 339 BARTON MD 21521-0339	**Deed Reference:**	/00553/ 00138

Location & Structure Information

Premises Address:	SWANTON RD BARTON 21521-0000	**Legal Description:**	24.45A W OF BARTON 800 FT S OF SWANTON RD

Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0057	0020	0166	10010001.01	0000				2023	Plat Ref:

Town: None

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
			24.4500 AC	

Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
			/				

Value Information

	Base Value	Value	Phase-in Assessments	
		As of 01/01/2023	As of 07/01/2023	As of 07/01/2024
Land:	44,000	44,000		
Improvements	0	0		
Total:	44,000	44,000	44,000	44,000
Preferential Land:	0	0		

Transfer Information

Seller: GINNIMAN, CHARLES F ET UX	**Date:** 11/08/1985	**Price:** $0
Type: NON-ARMS LENGTH OTHER	**Deed1:** /00553/ 00138	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**

Exemption Information

Partial Exempt Assessments:	Class	07/01/2023	07/01/2024
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00|0.00	0.00|0.00

Special Tax Recapture: None

Homestead Application Information

Homestead Application Status: No Application

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No Application **Date:**

Real Property Data Search ( )
Search Result for ALLEGANY COUNTY

View Map | View GroundRent Redemption | View GroundRent Registration

Special Tax Recapture: None

Account Identifier: District - 09 Account Number - 008926

Owner Information

Owner Name: B T C DEVELOPMENT
Use: RESIDENTIAL
Principal Residence: NO
Mailing Address: PO BOX 339
BARTON MD 21521-0339
Deed Reference: /00553/ 00138

Location & Structure Information

Premises Address: BARTLETT RUN
BARTON 21521-0000
Legal Description: 12.52A
S BARTLETT RUN RD NR
GARRETT CO LINE

Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0057	0014	0105	10010001.01	0000				2023	Plat Ref:

Town: None

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
			12.5200 AC	

Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
			/				

Value Information

	Base Value	Value	Phase-in Assessments	
		As of 01/01/2023	As of 07/01/2023	As of 07/01/2024
Land:	22,500	22,500		
Improvements	0	0		
Total:	22,500	22,500	22,500	22,500
Preferential Land:	0	0		

Transfer Information

Seller: GINNIMAN, CHARLES F ET UX	**Date:** 11/08/1985	**Price:** $0
Type: NON-ARMS LENGTH OTHER	**Deed1:** /00553/ 00138	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**
Seller:	**Date:**	**Price:**
Type:	**Deed1:**	**Deed2:**

Exemption Information

Partial Exempt Assessments:	Class	07/01/2023	07/01/2024
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00|0.00	0.00|0.00

Special Tax Recapture: None

Homestead Application Information

Homestead Application Status: No Application

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No Application **Date:**

Real Property Data Search ( )
Search Result for ALLEGANY COUNTY

View Map | View GroundRent Redemption | View GroundRent Registration

Special Tax Recapture: None

Account Identifier: District - 08 Account Number - 007977

Owner Information

Owner Name: TRENUM ROGER E
TRENUM SHARI

Mailing Address: 20515 LOWER GEORGES CREEK RD
WESTERNPORT MD 21562-

Use: RESIDENTIAL
Principal Residence: YES
Deed Reference: /02499/ 00186

Location & Structure Information

Premises Address: 20515 LOWER GEORGES CREEK RD
WESTERNPORT 21562-0000

Legal Description: 20515 LOWER GEORGES CREEK RD 225X270 REYNOLDS

Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0068	0014	0216	8010001.01	0000				2023	Plat Ref:

Town: None

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
1914	1,824 SF		1.3900 AC	

Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
2	YES	STANDARD UNIT	FRAME/	3	1 full	1 Detached	

Value Information

	Base Value	Value	Phase-in Assessments	
		As of 01/01/2023	As of 07/01/2023	As of 07/01/2024
Land:	15,800	15,800		
Improvements	40,000	56,700		
Total:	55,800	72,500	61,367	66,933
Preferential Land:	0	0		

Transfer Information

Seller: TRENUM ROBERT LAWRENCE	**Date:** 09/26/2019	**Price:** $40,000
Type: NON-ARMS LENGTH OTHER	**Deed1:** /02499/ 00186	**Deed2:**
Seller: TRENUM ROBERT M SR-ELEANOR M LE	**Date:** 09/26/2019	**Price:** $0
Type: NON-ARMS LENGTH OTHER	**Deed1:** /02499/ 00181	**Deed2:**
Seller: TRENUM, ROBERT M SR-ELEANOR	**Date:** 10/08/2002	**Price:** $0
Type: NON-ARMS LENGTH OTHER	**Deed1:** /00709/ 00786	**Deed2:**

Exemption Information

Partial Exempt Assessments:	Class	07/01/2023	07/01/2024
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00|0.00	0.00|0.00

Special Tax Recapture: None

Homestead Application Information

Homestead Application Status: Approved 05/30/2023

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No Application **Date:**

DM

Diane Lee -MDH- <diane.lee@maryland.gov>
To: Mia P Lenzenweger

Ms. Lenzenweger,

Here is the response from the Environmental Health Division of the Health Department:

This office does not have any records of use, storage or disposal of chemical / hazardous substances; spills, leaks, or releases of petroleum products; hazardous materials responses on the attached requested property.

This office recommends that the requestor also contact the Maryland Department of the Environment for a search of their records.

Diane Lee
PIO

Diane Lee / *Public Information Officer*
Health Education and Outreach
Phone: 301-334-7689, Cell: 240-442-7424

Garrett County Health Department
1025 Memorial Drive, Oakland, MD 21550
GarrettHealth.org

Maryland
Department of
the Environment

Wes Moore, Governor
Aruna Miller, Lt. Governor

Serena McIlwain, Secretary
Suzanne E. Dorsey, Deputy Secretary

1800 Washington Boulevard | Suite 620 | Baltimore, MD 21230 | 1-800-633-6101 | 410-537-3000 | TTY Users 1-800-735-2258

www.mde.maryland.gov

November 21, 2023

Ms. Mia Lenzenweger
ECS Mid-Atlantic
1340 Charwood Rd
Suite B
Hanover, MD 21076

RE: Tracking Number: 2023-02889
Request Received November 16, 2023
Moran Coal Company 08-002037
Moran Coal Company 08-004021
Moran Coal Company 08-012989
Moran Coal Company 08-013675
Moran Coal Company 08-013721

Dear Ms. Lenzenweger:

The Maryland Department of the Environment (MDE) received your recent request for information under the Public Information Act (PIA).

After conducting a thorough search of our files, MDE has no records responsive to your request. There were no charges incurred as a result of this search.

When requesting information regarding this request, please cite the tracking number referenced above. If you have any questions, please contact me at Maria.Stephens@Maryland.gov.

Sincerely,

Maria Stephens

Maria Stephens
PIA Liaison
Land & Materials Administration

Maryland
Department of
the Environment

Wes Moore, Governor
Aruna Miller, Lt. Governor

Serena McIlwain, Secretary
Suzanne E. Dorsey, Deputy Secretary

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November 21, 2023

Ms. Mia Lenzenweger
ECS Mid-Atlantic
1340 Charwood Rd
Suite B
Hanover, MD 21076

RE: Tracking Number: 2023-02890
Request Received November 16, 2023
Moran Coal Company 08-013780
Moran Coal Company 08-013799
Moran Coal Company 08-019398
Moran Coal Company 08-020825
Moran Coal Company 08-023174

Dear Ms. Lenzenweger:

The Maryland Department of the Environment (MDE) received your recent request for information under the Public Information Act (PIA).

After conducting a thorough search of our files, MDE has no records responsive to your request. There were no charges incurred as a result of this search.

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Sincerely,

Maria Stephens

Maria Stephens
PIA Liaison
Land & Materials Administration

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November 21, 2023

Ms. Mia Lenzenweger
ECS Mid-Atlantic
1340 Charwood Rd
Suite B
Hanover, MD 21076

RE: Tracking Number: 2023-02891
Request Received November 16, 2023
BTC Developments 09-002340
BTC Developments 09-002618
BTC Development 09-005064
BTC Development 09-005072
BTC Development 09-005080

Dear Ms. Lenzenweger:

The Maryland Department of the Environment (MDE) received your recent request for information under the Public Information Act (PIA).

After conducting a thorough search of our files, MDE has no records responsive to your request. There were no charges incurred as a result of this search.

When requesting information regarding this request, please cite the tracking number referenced above. If you have any questions, please contact me at Maria.Stephens@Maryland.gov.

Sincerely,

Maria Stephens

Maria Stephens
PIA Liaison
Land & Materials Administration

Maryland
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November 17, 2023

Ms. Mia Lenzenweger
ECS Mid-Atlantic
1340 Charwood Rd
Suite B
Hanover, MD 21076

RE: Tracking Number: 2023-02892
Request Received November 16, 2023
BTC Development 09-005358
Moran Coal Company 09-006230
Moran Coal Company 09-006346
BTC Development 09-008500
BTC Development 09-008926

Dear Ms. Lenzenweger:

The Maryland Department of the Environment (MDE) received your recent request for information under the Public Information Act (PIA).

After conducting a thorough search of our files, MDE has no records responsive to your request. There were no charges incurred as a result of this search.

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Sincerely,

Maria Stephens

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PIA Liaison
Land & Materials Administration

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www.mde.maryland.gov

November 21, 2023

Ms. Mia Lenzenweger
ECS Mid-Atlantic
1340 Charwood Rd
Suite B
Hanover, MD 21076

RE: Tracking Number: 2023-02894
Request Received November 16, 2023
Meadowland Properties LLC 04-003683
Moran Coal Company 04-003918
Moran Coal Company 04-00400
Moran Coal Company 04-004019
Moran Coal Company 04-004043

Dear Ms. Lenzenweger:

The Maryland Department of the Environment (MDE) received your recent request for information under the Public Information Act (PIA).

After conducting a thorough search of our files, MDE has no records responsive to your request. There were no charges incurred as a result of this search.

When requesting information regarding this request, please cite the tracking number referenced above. If you have any questions, please contact me at Maria.Stephens@Maryland.gov.

Sincerely,

Maria Stephens

Maria Stephens
PIA Liaison
Land & Materials Administration

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November 21, 2023

Ms. Mia Lenzenweger
ECS Mid-Atlantic
1340 Charwood Rd
Suite B
Hanover, MD 21076

RE: Tracking Number: 2023-02895
Request Received November 16, 2023
Moran Coal Company 04-004051
Moran Coal Company 04-004078
Moran Coal Company 04-004086
Moran Coal Company 04-004094
Moran Coal Company 04-004108

Dear Ms. Lenzenweger:

The Maryland Department of the Environment (MDE) received your recent request for information under the Public Information Act (PIA).

After conducting a thorough search of our files, MDE has no records responsive to your request. There were no charges incurred as a result of this search.

When requesting information regarding this request, please cite the tracking number referenced above. If you have any questions, please contact me at Maria.Stephens@Maryland.gov.

Sincerely,

Maria Stephens

Maria Stephens
PIA Liaison
Land & Materials Administration

Maryland
Department of
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www.mde.maryland.gov

November 21, 2023

Ms. Mia Lenzenweger
ECS Mid-Atlantic
1340 Charwood Rd
Suite B
Hanover, MD 21076

RE: Tracking Number: 2023-02896
Request Received November 16, 2023
Moran Coal Company 04-004116
Moran Coal Company 04-004124
Moran Coal Company 04-004132
Moran Coal Company 04-004140
Moran Coal Company 04-004159

Dear Ms. Lenzenweger:

The Maryland Department of the Environment (MDE) received your recent request for information under the Public Information Act (PIA).

After conducting a thorough search of our files, MDE has no records responsive to your request. There were no charges incurred as a result of this search.

When requesting information regarding this request, please cite the tracking number referenced above. If you have any questions, please contact me at Maria.Stephens@Maryland.gov.

Sincerely,

Maria Stephens

Maria Stephens
PIA Liaison
Land & Materials Administration

Maryland
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November 21, 2023

Ms. Mia Lenzenweger
ECS Mid-Atlantic
1340 Charwood Rd
Suite B
Hanover, MD 21076

RE: Tracking Number: 2023-02897
Request Received November 16, 2023
Moran Coal Company 04-004167
Moran Coal Company 04-004175
Moran Coal Company 04-004183
Moran Coal Company 04-004426
Moran Coal Company 04-005309

Dear Ms. Lenzenweger:

The Maryland Department of the Environment (MDE) received your recent request for information under the Public Information Act (PIA).

After conducting a thorough search of our files, MDE has no records responsive to your request. There were no charges incurred as a result of this search.

When requesting information regarding this request, please cite the tracking number referenced above. If you have any questions, please contact me at Maria.Stephens@Maryland.gov.

Sincerely,

Maria Stephens

Maria Stephens
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November 21, 2023

Ms. Mia Lenzenweger
ECS Mid-Atlantic
1340 Charwood Rd
Suite B
Hanover, MD 21076

RE: Tracking Number: 2023-02899
Request Received November 16, 2023
Moran Coal Company 04-005317
Moran Coal Company 04-006658
BTC Development 11-000118
BTC Development 11-000193
BTC Development 11-000231

Dear Ms. Lenzenweger:

The Maryland Department of the Environment (MDE) received your recent request for information under the Public Information Act (PIA).

After conducting a thorough search of our files, MDE has no records responsive to your request. There were no charges incurred as a result of this search.

When requesting information regarding this request, please cite the tracking number referenced above. If you have any questions, please contact me at Maria.Stephens@Maryland.gov.

Sincerely,

Maria Stephens

Maria Stephens
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Land & Materials Administration

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November 21, 2023

Ms. Mia Lenzenweger
ECS Mid-Atlantic
1340 Charwood Rd
Suite B
Hanover, MD 21076

RE: Tracking Number: 2023-02900
Request Received November 16, 2023
BTC Developments 11-001483
BTC Developments 11-001564
BTC Developments 11-001602
Victor E Clark Sr., Donna Lee Clark 11-001424
David Walter 11-003125

Dear Ms. Lenzenweger:

The Maryland Department of the Environment (MDE) received your recent request for information under the Public Information Act (PIA).

After conducting a thorough search of our files, MDE has no records responsive to your request. There were no charges incurred as a result of this search.

When requesting information regarding this request, please cite the tracking number referenced above. If you have any questions, please contact me at Maria.Stephens@Maryland.gov.

Sincerely,

Maria Stephens

Maria Stephens
PIA Liaison
Land & Materials Administration

ALLEGANY
· COUNTY ·
Office of the County Attorney

David J. Caporale, President
William R. Atkinson, Commissioner
Creade V. Brodie, Jr., Commissioner
Jason M. Bennett, CPA, Administrator
T. Lee Beeman, Jr., County Attorney
Ramon Rozas III, Assistant County Attorney

November 15, 2023

SENT VIA EMAIL TO: MLenzenweger@ecslimited.com

Mia Lenzenweger
ECS Mid-Atlantic, LLC
1340-B Charwood Road
Hanover, MD 21076

RE: Your Public Information Act Request received 11/3/23
Jade Meadow 3 Solar Project
New Georges Creek Road, Westernport, Maryland 21562

Dear Sir or Madam:

In response to your above-referenced public information request, the Allegany County Department of Planning and Zoning has advised me as follows:

1. The Planning and Zoning Department does not maintain records regarding specific incidences at any site regarding (1) storage, spills, and/or disposals of petroleum products; (2) chemical or hazardous substances; or (3) such incidences or practices within the immediate vicinity of a specific request.

2. I also checked with the Allegany County of Department of Emergency Services, 911 Joint Communications Division, who advised me that they could find no record of any emergency responses for hazardous material incidences at the locations specified in your request.

3. Electronic records related to land use (building and occupancy permits) are readily available to Planning and Zoning staff for authorized occupancies and structures erected after calendar year 1986. Building and occupancy permit documents prior to calendar year 1972 are "unavailable".

You may wish to contact the Allegany County Health Department Public Information Officer at (301) 759-5239 to inquire as to whether they have any of the information you are requesting.

I believe this satisfies your request as to available records held by Allegany County and will close this matter. Please contact our office if you have any questions.

Very truly yours,

Victoria L. Norman
Legal Secretary

701 Kelly Road
Cumberland, MD 21502
T 301 777-5823
www.alleganygov.org

Interview Questionnaire

Contact Name: George Beener	Date: 1/11/2024 Time:
Relationship to Property: _X_ Owner ___ Key Site Manager ___ Occupant ___ Other:	Method of contact: ___ Telephone ___ In Person _X_ Email ___ Other:
Years of knowledge related to the Subject Property: 45+ years	
NOTES:	

Interview Part I

Are there any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, at, or from the subject property?	Yes	(No)
Are there any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the subject property?	Yes	(No)
Are there any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?	Yes	(No)

Interview Part II

Please specify whether the following features can be found at the subject property and provide any information you have concerning these features:

Feature	Yes	No	Unknown	Details
Hazardous Substances and Petroleum Products in Connection with Identified Uses		X		
Hazardous Substance and Petroleum Product Containers Not in Connection with Identified Uses		X		
Drums, Totes, and Intermediate Bulk Containers		X		
Unidentified Substance Containers		X		
Underground or Aboveground Storage Tanks		X		
Strong, Pungent or Noxious Odors		X		
Standing Surface Water and Pools or Sumps Containing Liquids Likely to be Hazardous Substances or Petroleum Products		X		
Known or Suspect PCB-containing Equipment		X		
Stains or Corrosion to Floors, Walls or Ceilings		X		
Stained Soil or Pavement		X		
Floor Drains and Sump Pumps		X		
Pits, Ponds or Lagoons	X			
Stressed Vegetation			X	
Solid Waste Mounds or Non-natural Fill Materials		X		
Water/Wastewater Discharge		X		
Groundwater Wells		X		
Septic Systems or Cesspools		X		
Elevators		X		
Dry cleaning		X		
Specialized Industrial Equipment		X		
Onsite Emergency Electrical Generators		X		
Oil-water Separators		X		
Hydraulic Lifts		X		

Interview Part III:

Are there any of the following environmentally significant documents available:

Feature	Yes	No	Unknown	Details
Environmental Site Assessment Reports		X		
Site Investigation Reports		X		
Environmental Compliance Audit Reports		X		
Environmental Permits (solid waste disposal, hazardous waste disposal, wastewater, NPDES, underground injections, or air permits)		X		
Registrations for underground storage tanks or aboveground storage tanks		X		
Safety Data Sheets		X		
Community Right-to-know Plans		X		
Safety Plans		X		
Geologic or hydrogeologic reports		X		
Reports related to self-directed or other cleanup activities at the subject property		X		
Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the subject property		X		
Environmental liens encumbering the property		X		
Hazardous waste generator notices or reports (i.e. EPA ID Number, RCRA reporting)		X		
Geotechnical Studies		X		

Please provide copies of any relevant reports/documentation that you have available.

To: Bob Faye
From: Don Moran
4 pages

Bob Paye <bpaye@gmpglaw.com>

1/2/2024 11:20 AM

FW: Jade Meadow 3 - Phase I ESA - Owner Questionnaire

To morancoal@comcast.net <morancoal@comcast.net>

Donald,

Please see the attached. I will assist you in completing the questionnaire.

Bob

From: Neil Watlington <neilwatlington@pointreyesenergy.com>
Sent: Friday, December 22, 2023 8:53 AM
To: Bob Paye <bpaye@gmpglaw.com>
Cc: Michael Svedeman <msvedeman@revrenewables.com>; Hunter Maret <hmaret@revrenewables.com>
Subject: Jade Meadow 3 - Phase I ESA - Owner Questionnaire

Hi Bob,

Attached is a landowner interview questionnaire as part of the Phase I ESA that we had previously conducted. It should be the same questionnaire that Moran Coal had filled out before, but these reports have to be updated from time to time. Please have Moran Coal fill out at your convenience. Also, I have also included some pictures of potential monitoring wells. Would you be able to confirm if these monitoring wells are still in use and what was/is being monitored? 3 - Farm house - all active

I'm copying Michael and Hunter from REV, who are leading the charge on development tasks.

Thanks, and have an enjoyable holiday season!

Neil

- Interview Questionnaire ASTM 21 - Blank.pdf (498 KB)
- Monitoring Well and AST in Field.jpg (208 KB)
- Monitoring Well within Wooded Portion on Moran Property.png (9 MB)

Interview Questionnaire

Contact Name:	Date: Time:
Relationship to Property: ___ Owner ___ Key Site Manager ___ Occupant ___ Other:	Method of contact: ___ Telephone ___ In Person ___ Email ___ Other:
Years of knowledge related to the Subject Property: _____	
NOTES:	

Interview Part I

Are there any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, at, or from the subject property?	Yes	No
Are there any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the subject property?	Yes	No
Are there any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?	Yes	No

Interview Part II

Please specify whether the following features can be found at the subject property and provide any information you have concerning these features:

Feature	Yes	No	Unknown	Details
Hazardous Substances and Petroleum Products in Connection with Identified Uses	✓			Surface Coal Mining
Hazardous Substance and Petroleum Product Containers Not in Connection with Identified Uses		✓		
Drums, Totes, and Intermediate Bulk Containers	✓			Farm equipment
Unidentified Substance Containers		✓		
Underground or Aboveground Storage Tanks	✓			Near airport
Strong, Pungent or Noxious Odors		✓		
Standing Surface Water and Pools or Sumps Containing Liquids Likely to be Hazardous Substances or Petroleum Products		✓		
Known or Suspect PCB-containing Equipment		✓		
Stains or Corrosion to Floors, Walls or Ceilings		✓		
Stained Soil or Pavement		✓		
Floor Drains and Sump Pumps		✓		
Pits, Ponds or Lagoons	✓			cattle pond
Stressed Vegetation	✓			Hay
Solid Waste Mounds or Non-natural Fill Materials		✓		
Water/Wastewater Discharge	✓			Aaron Run
Groundwater Wells	✓			Farm houses
Septic Systems or Cesspools		✓		
Elevators		✓		
Dry cleaning		✓		
Specialized Industrial Equipment		✓		
Onsite Emergency Electrical Generators		✓		
Oil-water Separators		✓		
Hydraulic Lifts		✓		

Interview Part III:

Are there any of the following environmentally significant documents available:

Feature	Yes	No	Unknown	Details
Environmental Site Assessment Reports	✓			Ash dump
Site Investigation Reports		✓		
Environmental Compliance Audit Reports				
Environmental Permits (solid waste disposal, hazardous waste disposal, wastewater, NPDES, underground injections, or air permits)		✓		
Registrations for underground storage tanks or aboveground storage tanks		✓		
Safety Data Sheets		✓		
Community Right-to-know Plans		✓		
Safety Plans		✓		
Geologic or hydrogeologic reports		✓		
Reports related to self-directed or other cleanup activities at the subject property		✓		
Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the subject property		✓		
Environmental liens encumbering the property		✓		
Hazardous waste generator notices or reports (I.e. EPA ID Number, RCRA reporting)		✓		
Geotechnical Studies		✓		

Please provide copies of any relevant reports/documentation that you have available.

Interview Questionnaire

Contact Name: David & Donna Walter	Date: 1/24/2024 Time:
Relationship to Property: ✓ Owner ___ Key Site Manager ___ Occupant ___ Other:	Method of contact: ✓ Telephone ___ In Person ___ Email ___ Other:
Years of knowledge related to the Subject Property: 27 years	
NOTES: * These answers are for the Proposed Leased Premises	

Interview Part I

Are there any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, at, or from the subject property?	Yes	(No)
Are there any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the subject property?	Yes	(No)
Are there any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?	Yes	(No)

Interview Part II

Please specify whether the following features can be found at the subject property and provide any information you have concerning these features:

Feature	Yes	No	Unknown	Details
Hazardous Substances and Petroleum Products in Connection with Identified Uses		✓		
Hazardous Substance and Petroleum Product Containers Not in Connection with Identified Uses		✓		
Drums, Totes, and Intermediate Bulk Containers		✓		
Unidentified Substance Containers		✓		
Underground or Aboveground Storage Tanks		✓		
Strong, Pungent or Noxious Odors		✓		
Standing Surface Water and Pools or Sumps Containing Liquids Likely to be Hazardous Substances or Petroleum Products		✓		
Known or Suspect PCB-containing Equipment		✓		
Stains or Corrosion to Floors, Walls or Ceilings		✓		
Stained Soil or Pavement		✓		
Floor Drains and Sump Pumps		✓		
Pits, Ponds or Lagoons		✓		
Stressed Vegetation		✓		
Solid Waste Mounds or Non-natural Fill Materials		✓		
Water/Wastewater Discharge		✓		
Groundwater Wells		✓		
Septic Systems or Cesspools		✓		
Elevators		✓		
Dry cleaning		✓		
Specialized Industrial Equipment		✓		
Onsite Emergency Electrical Generators		✓		
Oil-water Separators		✓		
Hydraulic Lifts		✓		

Interview Part III:

Are there any of the following environmentally significant documents available:

Feature	Yes	No	Unknown	Details
Environmental Site Assessment Reports		✓		
Site Investigation Reports		✓		
Environmental Compliance Audit Reports		✓		
Environmental Permits (solid waste disposal, hazardous waste disposal, wastewater, NPDES, underground injections, or air permits)		✓		
Registrations for underground storage tanks or aboveground storage tanks		✓		
Safety Data Sheets		✓		
Community Right-to-know Plans		✓		
Safety Plans		✓		
Geologic or hydrogeologic reports		✓		
Reports related to self-directed or other cleanup activities at the subject property		✓		
Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the subject property		✓		
Environmental liens encumbering the property		✓		
Hazardous waste generator notices or reports (i.e. EPA ID Number, RCRA reporting)		✓		
Geotechnical Studies		✓		

Please provide copies of any relevant reports/documentation that you have available.

Interview Questionnaire

Contact Name: Victor Clark Sr and Donna Clark	Date: 12/27/2023 Time: 4:30 pm
Relationship to Property: x Owner ___ Key Site Manager ___ Occupant ___ Other:	Method of contact: ___ Telephone ___ In Person x Email ___ Other:
Years of knowledge related to the Subject Property: 15 +	
NOTES: My son purchased this property in 2010 but it took over two years for the property to be deeded over to him. My son passed away in 2017 and this property was deeded over to me and my wife in 2018.	

Interview Part I

Are there any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, at, or from the subject property?	Yes	No
Are there any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the subject property?	Yes	No
Are there any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?	Yes	No

Interview Part II

Please specify whether the following features can be found at the subject property and provide any information you have concerning these features:

Feature	Yes	No	Unknown	Details
Hazardous Substances and Petroleum Products in Connection with Identified Uses		x		
Hazardous Substance and Petroleum Product Containers Not in Connection with Identified Uses		x		
Drums, Totes, and Intermediate Bulk Containers		x		
Unidentified Substance Containers		x		
Underground or Aboveground Storage Tanks		x		
Strong, Pungent or Noxious Odors		x		
Standing Surface Water and Pools or Sumps Containing Liquids Likely to be Hazardous Substances or Petroleum Products		x		
Known or Suspect PCB-containing Equipment		x		
Stains or Corrosion to Floors, Walls or Ceilings				N/A - no buildings located on propety
Stained Soil or Pavement		x		
Floor Drains and Sump Pumps				N/A - no buildings located on propety
Pits, Ponds or Lagoons	x			Small pond on one side of the property
Stressed Vegetation		x		
Solid Waste Mounds or Non-natural Fill Materials		x		
Water/Wastewater Discharge	x			Spring on one side of the property
Groundwater Wells			x	
Septic Systems or Cesspools			x	
Elevators		x		
Dry cleaning		x		
Specialized Industrial Equipment		x		
Onsite Emergency Electrical Generators		x		
Oil-water Separators		x		
Hydraulic Lifts		x		

Interview Part III:

Are there any of the following environmentally significant documents available:

Feature	Yes	No	Unknown	Details
Environmental Site Assessment Reports			x	
Site Investigation Reports			x	
Environmental Compliance Audit Reports			x	
Environmental Permits (solid waste disposal, hazardous waste disposal, wastewater, NPDES, underground injections, or air permits)			x	
Registrations for underground storage tanks or aboveground storage tanks			x	
Safety Data Sheets			x	
Community Right-to-know Plans			x	
Safety Plans			x	
Geologic or hydrogeologic reports			x	
Reports related to self-directed or other cleanup activities at the subject property			x	
Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the subject property			x	
Environmental liens encumbering the property		x		There are no liens against the property
Hazardous waste generator notices or reports (i.e. EPA ID Number, RCRA reporting)			x	
Geotechnical Studies			x	

Please provide copies of any relevant reports/documentation that you have available.

Appendix III: Regulatory Records Documentation

Jade 3 Site
New Georges Creek Road
Westernport, MD 21523

Inquiry Number: 7496218.9s
November 13, 2023

EDR Area / Corridor Report

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

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

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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 (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

SUBJECT PROPERTY INFORMATION

ADDRESS

NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21562

TARGET PROPERTY SEARCH RESULTS

The Target Property was identified in the following databases.

Page Numbers and Map Identifcations refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

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

STANDARD ENVIRONMENTAL RECORDS

Lists of state and tribal leaking storage tanks

MD OCPCASES: Oil Control Program Cases

A review of the MD OCPCASES list, as provided by EDR, and dated 07/18/2023 has revealed that there is 1 MD OCPCASES site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
BEENER COAL CO / BTC	***2278 MICHAEL RD***	***B8 / 6***	***75***
Date Closed: 03/21/1994 Facility Status: CLOSED Facility Id: 9-0477GA			

Lists of state and tribal registered storage tanks

MD UST: Registered Underground Storage Tank List

A review of the MD UST list, as provided by EDR, and dated 07/18/2023 has revealed that there is 1 MD UST site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
BTC TRUCKING, INC.	***2278 MICHAEL ROAD***	***B11 / 6***	***84***
Facility Id: 255 Tank Status: Permanently Out of Use			

MD AST: Permitted Aboveground Storage Tanks

A review of the MD AST list, as provided by EDR, and dated 04/08/2023 has revealed that there is 1 MD AST site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
BTC TRUCKING, INC. Facility Id: 2014-OPT-2193	***2278 MICHAEL ROAD***	***B11 / 6***	***84***

State and tribal institutional control / engineering control registries

MD ENG CONTROLS: Engineering Controls Site listing

A review of the MD ENG CONTROLS list, as provided by EDR, and dated 11/10/2008 has revealed that there is 1 MD ENG CONTROLS site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
TRI-STAR MINING	***2278 MICHAEL RD***	***B10 / 6***	***83***

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 07/24/2023 has revealed that there is 1 RCRA NonGen / NLR site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
WESTVACO RESOURCES I EPA ID:: MDD089949283	***NOT AVAILABLE***	***D27 / 21***	***125***

ICIS: Integrated Compliance Information System

A review of the ICIS list, as provided by EDR, and dated 11/18/2016 has revealed that there are 2 ICIS sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
TRI-STAR MINING FRS ID:: 110011132924	***2278 MICHAEL ROAD***	***B6 / 6***	***63***
ARJ CONSTRUCTION COM FRS ID:: 110009048244	***3834 WESTERNPORT RD***	***C23 / 15***	***118***

EXECUTIVE SUMMARY

US AIRS: Aerometric Information Retrieval System Facility Subsystem

A review of the US AIRS list, as provided by EDR, has revealed that there are 3 US AIRS sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
TRI-STAR MINING	***2278 MICHAEL ROAD***	***B6 / 6***	***63***
Database: US AIRS MINOR, Date of Government Version: 10/12/2016 EPA plant ID:: 110011132924			
BTC TRUCKING	***2278 MICHAEL ROAD***	***B7 / 6***	***68***
Database: US AIRS MINOR, Date of Government Version: 10/12/2016 EPA plant ID:: 110001297141			
ARJ CONSTRUCTION COM	***3834 WESTERNPORT RD***	***C23 / 15***	***118***
Database: US AIRS MINOR, Date of Government Version: 10/12/2016 EPA plant ID:: 110009048244			

US MINES: Mines Master Index File

A review of the US MINES list, as provided by EDR, has revealed that there are 9 US MINES sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
WESTERN AMERICA COAL		3 / 7	61
Database: US MINES, Date of Government Version: 08/01/2023 Mine ID:: 1800149			
JOB #3	2278 MICHAEL ROAD	B9 / 6	76
Database: MINES VIOLATIONS, Date of Government Version: 07/05/2023			
TRI-STAR MINING INC		14 / 7	95
Database: US MINES, Date of Government Version: 08/01/2023 Mine ID:: 1800713			
GINNIMAN COAL COMPAN		18 / 17	97
Database: US MINES, Date of Government Version: 08/01/2023 Mine ID:: 1800331			
TAYLOR LOWER BAKERST	3834 WESTERNPORT ROA	C19 / 15	98
Database: MINES VIOLATIONS, Date of Government Version: 07/05/2023			
TAYLOR HIGHWALL MINE	***3834 WESTERNPORT ROA***	***C20 / 15***	***104***
Database: MINES VIOLATIONS, Date of Government Version: 07/05/2023			
JACKSON MOUNTAIN	3834 WESTERNPORT ROA	C21 / 15	111
Database: MINES VIOLATIONS, Date of Government Version: 07/05/2023			
SAVAGE MOUNTAIN MINE		24 / 16	124
Database: US MINES, Date of Government Version: 08/01/2023 Mine ID:: 1800765			
WESTVACO RESOURCES I	***NOT AVAILABLE***	***D27 / 21***	***125***
Database: US MINES, Date of Government Version: 08/01/2023 Mine ID:: 1800582			

EXECUTIVE SUMMARY

ABANDONED MINES: Abandoned Mines

A review of the ABANDONED MINES list, as provided by EDR, and dated 06/13/2023 has revealed that there are 2 ABANDONED MINES sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
TAYLOR HIGHWALL MINE	***3834 WESTERNPORT ROA***	***C20 / 15***	***104***
FRANKLIN HILL #1		D26 / 21	125

MINES MRDS: Mineral Resources Data System

A review of the MINES MRDS list, as provided by EDR, and dated 08/23/2022 has revealed that there is 1 MINES MRDS site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
HANSEL DEPOSIT		4 / 7	62

FINDS: Facility Index System/Facility Registry System

A review of the FINDS list, as provided by EDR, and dated 05/04/2023 has revealed that there are 7 FINDS sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
RUSSELL ROAD MINE Registry ID:: 110070553946 Registry ID:: 110064243251	RUSSELL ROAD	A2 / 3	61
TRI-STAR MINING Registry ID:: 110019894453	2274 MICHAEL ROAD	B5 / 6	63
BTC TRUCKING Registry ID:: 110011132924 Registry ID:: 110001297141	***2278 MICHAEL ROAD***	***B7 / 6***	***68***
TRI-STAR MINING QUAR Registry ID:: 110013810787	***1.9 MI.N.E. OF BARTO***	***15 / 12***	***96***
TRI-STAR MINING, INC Registry ID:: 110028105565	***WEST OF BARTON***	***16 / 12***	***96***
TRI-STAR MINING,INC. Registry ID:: 110011133415	***UNKNOWN***	***17 / 12***	***97***
MORAN FIELD Registry ID:: 110041493764	UNKNOWN	25 / 21	124

ECHO: Enforcement & Compliance History Information

A review of the ECHO list, as provided by EDR, and dated 06/24/2023 has revealed that there are 5 ECHO sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
STAR MINING, INC.-MA Registry ID: 110064243251	RUSSELL ROAD	A1 / 3	61
BTC TRUCKING	***2278 MICHAEL ROAD***	***B7 / 6***	***68***

Registry ID: 110011132924 Registry ID: 110001297141			
TRI-STAR MINING QUAR Registry ID: 110013810787	***1.9 MI.N.E. OF BARTO***	***15 / 12***	***96***
TRI-STAR MINING, INC Registry ID: 110028105565	***WEST OF BARTON***	***16 / 12***	***96***
TRI-STAR MINING,INC. Registry ID: 110011133415	***UNKNOWN***	***17 / 12***	***97***

MD AIRS: Permit and Facility Information Listing

A review of the MD AIRS list, as provided by EDR, and dated 07/14/2023 has revealed that there are 3 MD AIRS sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
Not reported Permit Number: 023-00098	2278 MICHAEL ROAD	B12 / 6	94
Not reported Permit Number: 023-00094	2278 MICHAEL ROAD	B13 / 6	95
TAYLOR #1 MINE Permit Number: 023-00128	3834 WESTERNPORT ROA	C22 / 15	118

MD Financial Assurance: Financial Assurance Information Listing

A review of the MD Financial Assurance list, as provided by EDR, has revealed that there is 1 MD Financial Assurance site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
BTC TRUCKING, INC. Database: Financial Assurance 2, Date of Government Version: 07/18/2023 Facility Id: 255	***2278 MICHAEL ROAD***	***B11 / 6***	***84***

MD NPDES: Wastewater Permit Listing

A review of the MD NPDES list, as provided by EDR, and dated 08/14/2023 has revealed that there are 2 MD NPDES sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
BEENER COAL CO / BTC Facility Status: History	***2278 MICHAEL RD***	***B8 / 6***	***75***
TRI-STAR MINING	***2278 MICHAEL RD***	***B10 / 6***	***83***

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Page Numbers and Map Identifcations refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of state and tribal leaking storage tanks

MD OCPCASES: Oil Control Program Cases

A review of the MD OCPCASES list, as provided by EDR, and dated 07/18/2023 has revealed that there are 17 MD OCPCASES sites within approximately 0.5 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
MORAN MANOR NURSING Date Closed: 02/26/2010 Facility Status: CLOSED Facility Id: 09-0106AL	***25701 SHADY LANE, SW***	***S 0 - 1/8 (0.023 mi.)***	***29 / 21***	***131***
LUKE EXXON Date Closed: 06/27/1985 Facility Status: CLOSED Facility Id: 4-4095AL	99 PRATT ST	SE 0 - 1/8 (0.026 mi.)	30 / 26	132
TOWN OF LUKE CITY BU Date Closed: 04/18/1991 Facility Status: CLOSED Facility Id: 91-1874AL	***510 GRANT STREET***	***ESE 0 - 1/8 (0.089 mi.)***	***36 / 26***	***142***
CHAS FORMAN Date Closed: 10/08/1991 Facility Status: CLOSED Facility Id: 92-2693AL	115 DONNA ST	E 0 - 1/8 (0.091 mi.)	37 / 22	143
GARY BROADWATER Facility Status: CLOSED Facility Id: 9-1568AL	BOX 309	E 0 - 1/8 (0.109 mi.)	G42 / 13	149
WESTVACO RESOURCES I Date Closed: 06/04/1991 Date Closed: 03/02/1986 Date Closed: 07/14/1998 Date Closed: 05/12/1994 Date Closed: 07/21/1988 Facility Status: CLOSED Facility Id: 6-0473AL Facility Id: 6-1636GA Facility Id: 9-0033AL Facility Id: 94-2927AL Facility Id: 9-0426AL	***300 PRATT ST***	***SSE 0 - 1/8 (0.114 mi.)***	***H51 / 26***	***219***
GEORGE'S CREEK WWTP Date Closed: 07/08/2010 Facility Status: CLOSED Facility Id: 10-0642AL	25018 OLD REYNOLDS R	S 0 - 1/8 (0.120 mi.)	I54 / 17	233
BLOOMINGTON WWTP	***121 OWENS AVE***	***SSW 1/8 - 1/4 (0.150 mi.)***	***56 / 26***	***241***

Date Closed: 11/02/2011 Facility Status: CLOSED Facility Id: 11-0501GA				
TIM DATTON - CHIEF P Date Closed: 09/10/1996 Facility Status: CLOSED Facility Id: 97-0474AL	61 MAIN ST	ESE 1/4 - 1/2 (0.335 mi.)	L66 / 22	309
TRUCK ACCIDENT/SPILL Date Closed: 08/23/2004 Facility Status: CLOSED Facility Id: 04-0442AL	RTS 36 & 135	ESE 1/4 - 1/2 (0.336 mi.)	L67 / 22	309
TOWN OF WESTERNPORT Date Closed: 11/17/1991 Facility Status: CLOSED Facility Id: 9-0458AL	107 WASHINGTON ST	ESE 1/4 - 1/2 (0.341 mi.)	68 / 22	309
WESTERNPORT FLOOD Date Closed: 09/20/1996 Facility Status: CLOSED Facility Id: 97-0472AL	103 FRONT ST	ESE 1/4 - 1/2 (0.379 mi.)	69 / 22	310
DOROTHY HARVEY Date Closed: 06/21/2001 Date Closed: 07/24/2006 Facility Status: CLOSED Facility Id: 01-1601AL Facility Id: 03-2012AL	136 MARYLAND AVE	SE 1/4 - 1/2 (0.431 mi.)	M70 / 22	310
NEWS STATION #902/MC Date Closed: 05/04/1992 Facility Status: CLOSED Facility Id: 9-0393AL	137 MARYLAND AVE / 2	SE 1/4 - 1/2 (0.445 mi.)	M71 / 22	310
NEWS QUICK IN & OUT Date Closed: 02/22/2001 Facility Status: CLOSED Facility Id: 95-2514AL	150 MARYLAND AVE (RT	SE 1/4 - 1/2 (0.452 mi.)	M72 / 22	311
RODERICK FURNITURE O Facility Status: CLOSED Facility Id: 9-0034AL	203 MAIN ST	E 1/4 - 1/2 (0.456 mi.)	73 / 22	311
WILSON AMOCO/JAKES S Date Closed: 12/11/1998 Facility Status: CLOSED Facility Id: 9-0100AL	***206 MAIN ST***	***E 1/4 - 1/2 (0.466 mi.)***	***74 / 22***	***311***

Lists of state and tribal registered storage tanks

MD UST: Registered Underground Storage Tank List

A review of the MD UST list, as provided by EDR, and dated 07/18/2023 has revealed that there are 5 MD UST sites within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
MORAN MANOR NURSING	***25701 SHADY LANE, SW***	***S 0 - 1/8 (0.023 mi.)***	***29 / 21***	***131***

Facility Id: 1072
Tank Status: Permanently Out Of Use

TOWN OF LUKE CITY BU	***510 GRANT STREET***	***ESE 0 - 1/8 (0.089 mi.)***	***36 / 26***	***142***
Facility Id: 932				
Tank Status: Permanently Out of Use				
BAILEY'S SERVICE STA	***P. O. BOX 47***	***E 0 - 1/8 (0.109 mi.)***	***G41 / 13***	***147***
Facility Id: 933				
Tank Status: Permanently Out of Use				
BARTON MINNING CO.	***P. O. BOX 305***	***E 0 - 1/8 (0.109 mi.)***	***G43 / 13***	***149***
Facility Id: 13594				
Tank Status: Permanently Out of Use				
WESTVACO CORPORATION	***300 PRATT STREET***	***SSE 0 - 1/8 (0.114 mi.)***	***H45 / 26***	***150***
Facility Id: 14267				
Facility Id: 14726				
Facility Id: 14727				
Facility Id: 8372				
Tank Status: Permanently Out of Use				

MD AST: Permitted Aboveground Storage Tanks

A review of the MD AST list, as provided by EDR, and dated 04/08/2023 has revealed that there is 1 MD AST site within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
V LUKE LLC	300 PRATT STREET	SSE 0 - 1/8 (0.114 mi.)	H53 / 26	223
Facility Id: 2010-OPT-3550A				

WV AST: Aboveground Storage Tanks

A review of the WV AST list, as provided by EDR, and dated 07/17/2023 has revealed that there are 2 WV AST sites within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
KINGSFORD MANUFACTUR	***ROUTE 46***	***WSW 1/8 - 1/4 (0.182 mi.)***	***J62 / 26***	***264***
LUKE PAPER COMPANY	ROUTE 46	S 1/8 - 1/4 (0.193 mi.)	63 / 26	266

State and tribal institutional control / engineering control registries

MD ENG CONTROLS: Engineering Controls Site listing

A review of the MD ENG CONTROLS list, as provided by EDR, and dated 11/10/2008 has revealed that there is 1 MD ENG CONTROLS site within approximately 0.5 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
LUKE PAPER COMPANY	300 PRATT STREET	SSE 0 - 1/8 (0.114 mi.)	H49 / 26	219

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

MD HIST UST: Historical UST Registered Database

A review of the MD HIST UST list, as provided by EDR, and dated 11/21/1996 has revealed that there are 3 MD HIST UST sites within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
ROBERT E. MORAN Facility Id: 3000260 Tank Status: REMOVED	21005 NEW GEORGES CR	SE 0 - 1/8 (0.063 mi.)	33 / 17	140
LUKE MILL Facility Id: 3000008 Tank Status: REMOVED	300 PRATT ST	SSE 0 - 1/8 (0.114 mi.)	H50 / 26	219
WESTVACO RESOURCES I Facility Id: 3000007 Tank Status: PERM. OU	***300 PRATT ST***	***SSE 0 - 1/8 (0.114 mi.)***	***H51 / 26***	***219***

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 07/24/2023 has revealed that there are 3 RCRA NonGen / NLR sites within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
LUKE PAPER CO EPA ID:: MDD000218669	***300 PRATT ST***	***SSE 0 - 1/8 (0.114 mi.)***	***H46 / 26***	***158***
KINGSFORD MANUFACTUR EPA ID:: WVD982660789	***ROUTE 46***	***WSW 1/8 - 1/4 (0.179 mi.)***	***J59 / 26***	***247***
VERSO LUKE LLC - BER EPA ID:: WVD980830103	OLD BERYL ROAD	WSW 1/8 - 1/4 (0.224 mi.)	65 / 26	269

US MINES: Mines Master Index File

A review of the US MINES list, as provided by EDR, has revealed that there are 6 US MINES sites within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
FRANKLIN COAL YARD, Database: US MINES, Date of Government Version: 08/01/2023 Mine ID:: 1800539		SSE 0 - 1/8 (0.008 mi.)	28 / 17	130
TAYLOR # 1 Database: MINES VIOLATIONS, Date of Government Version: 07/05/2023	***2804 WESTERNPORT RD.***	***S 0 - 1/8 (0.058 mi.)***	***E31 / 17***	***132***
ARJ CONSTRUCTION COM Database: US MINES, Date of Government Version: 08/01/2023		S 0 - 1/8 (0.058 mi.)	E32 / 17	139

Mine ID:: 1800748

BERYL COAL COMPANY — W 0 - 1/8 (0.084 mi.) — F35 / 26 — 141
Database: US MINES, Date of Government Version: 08/01/2023
Mine ID:: 4606330

COAL TIPPLE — ROUTE 6 BOX 6192 — SW 1/8 - 1/4 (0.134 mi.) — 55 / 26 — 234
Database: MINES VIOLATIONS, Date of Government Version: 07/05/2023

TRI-STAR MINING INC — N 1/8 - 1/4 (0.181 mi.) — K61 / 3 — 264
Database: US MINES, Date of Government Version: 08/01/2023
Mine ID:: 1800646

ABANDONED MINES: Abandoned Mines

A review of the ABANDONED MINES list, as provided by EDR, and dated 06/13/2023 has revealed that there are 3 ABANDONED MINES sites within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
TAYLOR # 1	***2804 WESTERNPORT RD.***	***S 0 - 1/8 (0.058 mi.)***	***E31 / 17***	***132***
BERYL TIPPLE	3924 BERYL ROAD	SW 0 - 1/8 (0.078 mi.)	F34 / 26	140
CLARK COAL #7		N 1/8 - 1/4 (0.181 mi.)	K60 / 3	263

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

A review of the PFAS ECHO list, as provided by EDR, and dated 07/05/2023 has revealed that there are 4 PFAS ECHO sites within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
FRANKLIN RAIL UNLOAD		ENE 0 - 1/8 (0.092 mi.)	38 / 26	143
BERYL WOODYARD		WSW 0 - 1/8 (0.095 mi.)	39 / 26	145
UNKNOWN		NNE 0 - 1/8 (0.108 mi.)	40 / 12	146
LUKE PAPER CO		SE 1/8 - 1/4 (0.170 mi.)	58 / 26	245

MD PFAS: PFAS Contamination Site Listing

A review of the MD PFAS list, as provided by EDR, and dated 01/09/2023 has revealed that there are 4 MD PFAS sites within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
LUKE PAPER CO	300 PRATT ST	SSE 0 - 1/8 (0.114 mi.)	H47 / 26	206
VERSO CORPORATION D,	300 PRATT ST	SSE 0 - 1/8 (0.114 mi.)	H52 / 26	223
GEORGE'S CREEK WWTP	25018 OLD REYNOLDS R	S 1/8 - 1/4 (0.151 mi.)	I57 / 17	245
BARTON FIRE DEPT	19202 LEGISLATIVE RD	ESE 1/8 - 1/4 (0.217 mi.)	64 / 13	268

MD MANIFEST: Hazardous Waste Manifest Information Listing

A review of the MD MANIFEST list, as provided by EDR, and dated 06/30/2018 has revealed that there is 1 MD MANIFEST site within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
LUKE PAPER COMPANY	***300 PRATT ST***	***SSE 0 - 1/8 (0.114 mi.)***	***H48 / 26***	***207***

EXECUTIVE SUMMARY

NJ MANIFEST: Hazardous Waste Manifest Data

A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2018 has revealed that there is 1 NJ MANIFEST site within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
LUKE PAPER CO EPA Id: MDD000218669	***300 PRATT ST***	***SSE 0 - 1/8 (0.114 mi.)***	***H46 / 26***	***158***

NY MANIFEST: Facility and Manifest Data

A review of the NY MANIFEST list, as provided by EDR, and dated 01/01/2019 has revealed that there is 1 NY MANIFEST site within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
WESTVACO CORP EPA ID: MDD000218669	300 PRATT STREET	SSE 0 - 1/8 (0.114 mi.)	H44 / 26	150

MAPPED SITES SUMMARY

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

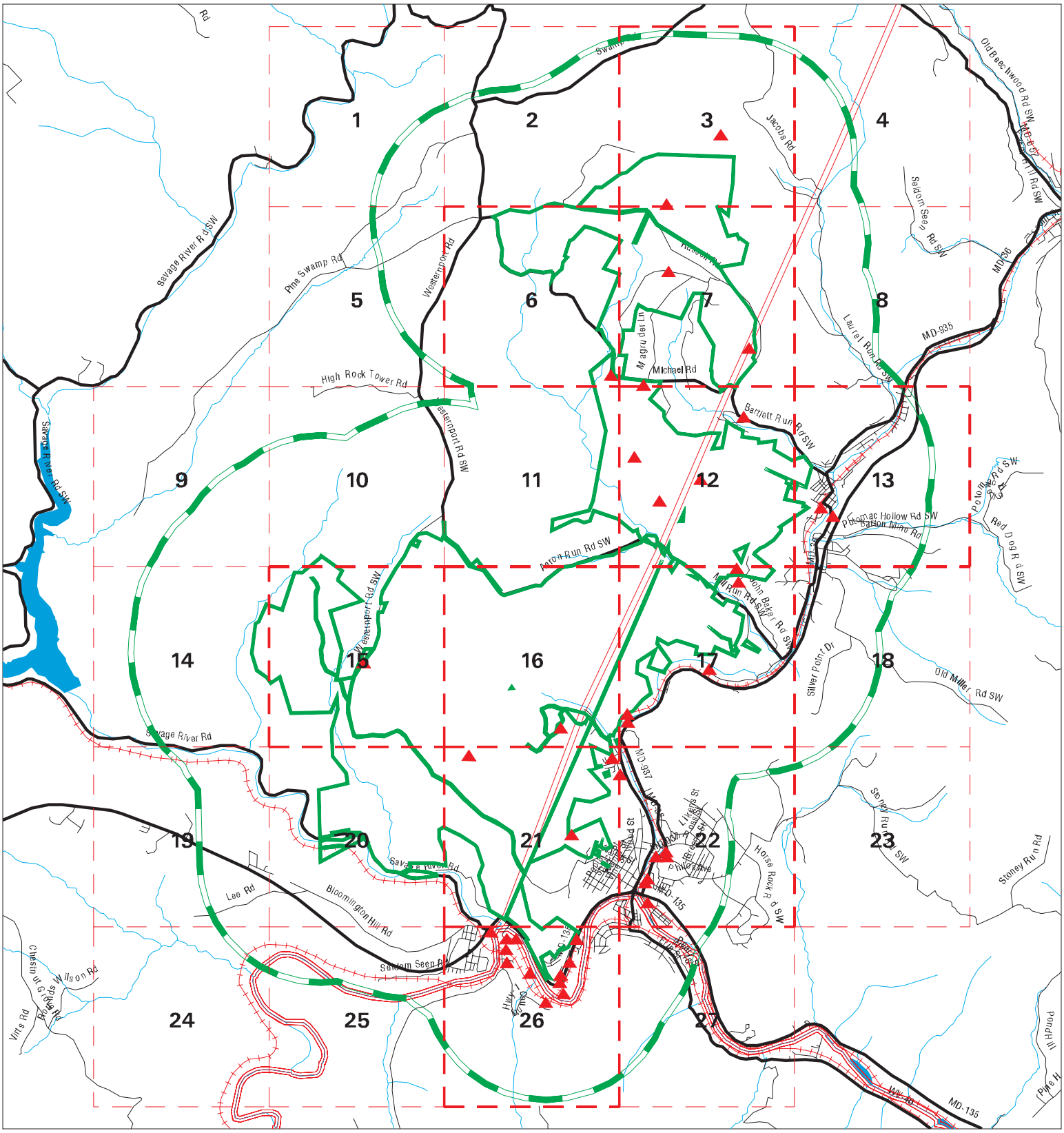
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
A1 / 3	STAR MINING, INC.-MA	RUSSELL ROAD	ECHO	TP		
A2 / 3	RUSSELL ROAD MINE	RUSSELL ROAD	FINDS	TP		
3 / 7	WESTERN AMERICA COAL		US MINES	TP		
4 / 7	HANSEL DEPOSIT		MINES MRDS	TP		
B5 / 6	TRI-STAR MINING	2274 MICHAEL ROAD	FINDS	TP		
B6 / 6	TRI-STAR MINING	2278 MICHAEL ROAD	ICIS, US AIRS	TP		
B7 / 6	BTC TRUCKING	2278 MICHAEL ROAD	US AIRS, FINDS, ECHO	TP		
B8 / 6	BEENER COAL CO / BTC	2278 MICHAEL RD	MD OCPCASES, MD NPDES	TP		
B9 / 6	JOB #3	2278 MICHAEL ROAD	US MINES	TP		
B10 / 6	TRI-STAR MINING	2278 MICHAEL RD	MD ENG CONTROLS, MD NPDES	TP		
B11 / 6	BTC TRUCKING, INC.	2278 MICHAEL ROAD	MD UST, MD AST, MD Financial Assurance	TP		
B12 / 6		2278 MICHAEL ROAD	MD AIRS	TP		
B13 / 6		2278 MICHAEL ROAD	MD AIRS	TP		
14 / 7	TRI-STAR MINING INC		US MINES	TP		
15 / 12	TRI-STAR MINING QUAR	1.9 MI.N.E. OF BARTO	FINDS, ECHO	TP		
16 / 12	TRI-STAR MINING, INC	WEST OF BARTON	FINDS, ECHO	TP		
17 / 12	TRI-STAR MINING,INC.	UNKNOWN	FINDS, ECHO	TP		
18 / 17	GINNIMAN COAL COMPAN		US MINES	TP		
C19 / 15	TAYLOR LOWER BAKERST	3834 WESTERNPORT ROA	US MINES	TP		
C20 / 15	TAYLOR HIGHWALL MINE	3834 WESTERNPORT ROA	US MINES, ABANDONED MINES	TP		
C21 / 15	JACKSON MOUNTAIN	3834 WESTERNPORT ROA	US MINES	TP		
C22 / 15	TAYLOR #1 MINE	3834 WESTERNPORT ROA	MD AIRS	TP		
C23 / 15	ARJ CONSTRUCTION COM	3834 WESTERNPORT RD	ICIS, US AIRS	TP		
24 / 16	SAVAGE MOUNTAIN MINE		US MINES	TP		
25 / 21	MORAN FIELD	UNKNOWN	FINDS	TP		
D26 / 21	FRANKLIN HILL #1		ABANDONED MINES	TP		
D27 / 21	WESTVACO RESOURCES I	NOT AVAILABLE	RCRA NonGen / NLR, US MINES	TP		
28 / 17	FRANKLIN COAL YARD,		US MINES	44	0.008	SSE
29 / 21	MORAN MANOR NURSING	25701 SHADY LANE, SW	MD OCPCASES, MD UST, MD Financial Assura...	124	0.023	South
30 / 26	LUKE EXXON	99 PRATT ST	MD OCPCASES	136	0.026	SE
E31 / 17	TAYLOR # 1	2804 WESTERNPORT RD.	US MINES, ABANDONED MINES	305	0.058	South
E32 / 17	ARJ CONSTRUCTION COM		US MINES	305	0.058	South
33 / 17	ROBERT E. MORAN	21005 NEW GEORGES CR	MD HIST UST	331	0.063	SE
F34 / 26	BERYL TIPPLE	3924 BERYL ROAD	ABANDONED MINES	413	0.078	SW
F35 / 26	BERYL COAL COMPANY		US MINES	445	0.084	West
36 / 26	TOWN OF LUKE CITY BU	510 GRANT STREET	MD OCPCASES, MD UST, MD Financial Assura...	469	0.089	ESE
37 / 22	CHAS FORMAN	115 DONNA ST	MD OCPCASES	480	0.091	East
38 / 26	FRANKLIN RAIL UNLOAD		PFAS ECHO	487	0.092	ENE
39 / 26	BERYL WOODYARD		PFAS ECHO	500	0.095	WSW

MAPPED SITES SUMMARY

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
40 / 12	UNKNOWN		PFAS ECHO	570	0.108	NNE
G41 / 13	BAILEY'S SERVICE STA	P. O. BOX 47	MD UST, MD Financial Assurance	576	0.109	East
G42 / 13	GARY BROADWATER	BOX 309	MD OCPCASES	576	0.109	East
G43 / 13	BARTON MINNING CO.	P. O. BOX 305	MD UST, MD Financial Assurance	576	0.109	East
H44 / 26	WESTVACO CORP	300 PRATT STREET	NY MANIFEST	600	0.114	SSE
H45 / 26	WESTVACO CORPORATION	300 PRATT STREET	MD UST, MD Financial Assurance	600	0.114	SSE
H46 / 26	LUKE PAPER CO	300 PRATT ST	RCRA NonGen / NLR, FTTS, HIST FTTS, US A...	600	0.114	SSE
H47 / 26	LUKE PAPER CO	300 PRATT ST	MD PFAS	600	0.114	SSE
H48 / 26	LUKE PAPER COMPANY	300 PRATT ST	MD MANIFEST, MD NPDES	600	0.114	SSE
H49 / 26	LUKE PAPER COMPANY	300 PRATT STREET	MD ENG CONTROLS	600	0.114	SSE
H50 / 26	LUKE MILL	300 PRATT ST	MD HIST UST	600	0.114	SSE
H51 / 26	WESTVACO RESOURCES I	300 PRATT ST	MD OCPCASES, MD HIST UST, MD NPDES	600	0.114	SSE
H52 / 26	VERSO CORPORATION D,	300 PRATT ST	MD PFAS	600	0.114	SSE
H53 / 26	V LUKE LLC	300 PRATT STREET	MD AST	600	0.114	SSE
I54 / 17	GEORGE'S CREEK WWTP	25018 OLD REYNOLDS R	MD OCPCASES	633	0.120	South
55 / 26	COAL TIPPLE	ROUTE 6 BOX 6192	US MINES, FINDS, ECHO	708	0.134	SW
56 / 26	BLOOMINGTON WWTP	121 OWENS AVE	MD OCPCASES, MD NPDES	791	0.150	SSW
I57 / 17	GEORGE'S CREEK WWTP	25018 OLD REYNOLDS R	MD PFAS	795	0.151	South
58 / 26	LUKE PAPER CO		PFAS ECHO	897	0.170	SE
J59 / 26	KINGSFORD MANUFACTUR	ROUTE 46	RCRA NonGen / NLR, ICIS, US AIRS	943	0.179	WSW
K60 / 3	CLARK COAL #7		ABANDONED MINES	956	0.181	North
K61 / 3	TRI-STAR MINING INC		US MINES	958	0.181	North
J62 / 26	KINGSFORD MANUFACTUR	ROUTE 46	WV AST, WV NPDES	961	0.182	WSW
63 / 26	LUKE PAPER COMPANY	ROUTE 46	WV AST	1018	0.193	South
64 / 13	BARTON FIRE DEPT	19202 LEGISLATIVE RD	MD PFAS	1146	0.217	ESE
65 / 26	VERSO LUKE LLC - BER	OLD BERYL ROAD	RCRA NonGen / NLR	1184	0.224	WSW
L66 / 22	TIM DATTON - CHIEF P	61 MAIN ST	MD OCPCASES	1767	0.335	ESE
L67 / 22	TRUCK ACCIDENT/SPILL	RTS 36 & 135	MD OCPCASES	1776	0.336	ESE
68 / 22	TOWN OF WESTERNPORT	107 WASHINGTON ST	MD OCPCASES	1803	0.341	ESE
69 / 22	WESTERNPORT FLOOD	103 FRONT ST	MD OCPCASES	2000	0.379	ESE
M70 / 22	DOROTHY HARVEY	136 MARYLAND AVE	MD OCPCASES	2275	0.431	SE
M71 / 22	NEWS STATION #902/MC	137 MARYLAND AVE / 2	MD OCPCASES	2351	0.445	SE
M72 / 22	NEWS QUICK IN & OUT	150 MARYLAND AVE (RT	MD OCPCASES	2384	0.452	SE
73 / 22	RODERICK FURNITURE O	203 MAIN ST	MD OCPCASES	2406	0.456	East
74 / 22	WILSON AMOCO/JAKES S	206 MAIN ST	MD OCPCASES, MD HIST UST	2462	0.466	East

Key Map - 7496218.9s



SITE NAME: Jade 3 Site	CLIENT: ECS Mid Atlantic, LLC
ADDRESS: New Georges Creek Road	CONTACT: EMILY GRIMES
CITY/STATE: Westernport MD	INQUIRY #: 7496218.9s
ZIP: 21562	DATE: 11/13/23 6:28 PM

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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								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	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 CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste facilities								
MD SHWS	1.000		0	0	0	0	NR	0
Lists of state and tribal landfills and solid waste disposal facilities								
MD SWF/LF	0.500		0	0	0	NR	NR	0
Lists of state and tribal leaking storage tanks								
INDIAN 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
MD OCPCASES	0.500	1	7	1	9	NR	NR	18
MD HIST LUST	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
MD UST	0.250	1	5	0	NR	NR	NR	6
MD AST	0.250	1	1	0	NR	NR	NR	2
WV AST	0.250		0	2	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
MD ENG CONTROLS	0.500	1	1	0	0	NR	NR	2
MD INST CONTROL	0.500		0	0	0	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
MD VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
MD 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								
MD SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	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
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
MD HIST UST	0.250		3	0	NR	NR	NR	3
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
MD SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	1	1	2	NR	NR	NR	4

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	2	NR	NR	NR	NR	NR	2
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	3	NR	NR	NR	NR	NR	3
US MINES	0.250	9	4	2	NR	NR	NR	15
ABANDONED MINES	0.250	2	2	1	NR	NR	NR	5
MINES MRDS	0.250	1	0	0	NR	NR	NR	1
FINDS	TP	7	NR	NR	NR	NR	NR	7
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP	5	NR	NR	NR	NR	NR	5
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		3	1	NR	NR	NR	4
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
MD PFAS	0.250		2	2	NR	NR	NR	4

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
MD AIRS	TP	3	NR	NR	NR	NR	NR	3
MD ASBESTOS	TP		NR	NR	NR	NR	NR	0
MD COAL ASH	0.500		0	0	0	NR	NR	0
MD DRYCLEANERS	0.250		0	0	NR	NR	NR	0
MD Financial Assurance	TP	1	NR	NR	NR	NR	NR	1
MD LEAD	TP		NR	NR	NR	NR	NR	0
MD LRP	0.500		0	0	0	NR	NR	0
MD MANIFEST	0.250		1	0	NR	NR	NR	1
MD NPDES	TP	2	NR	NR	NR	NR	NR	2
WV NPDES	TP		NR	NR	NR	NR	NR	0
NJ MANIFEST	0.250		1	0	NR	NR	NR	1
NY MANIFEST	0.250		1	0	NR	NR	NR	1
MD UIC	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		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								
MD RGA HWS	TP		NR	NR	NR	NR	NR	0
MD RGA LF	TP		NR	NR	NR	NR	NR	0
MD RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		40	32	11	9	0	0	92

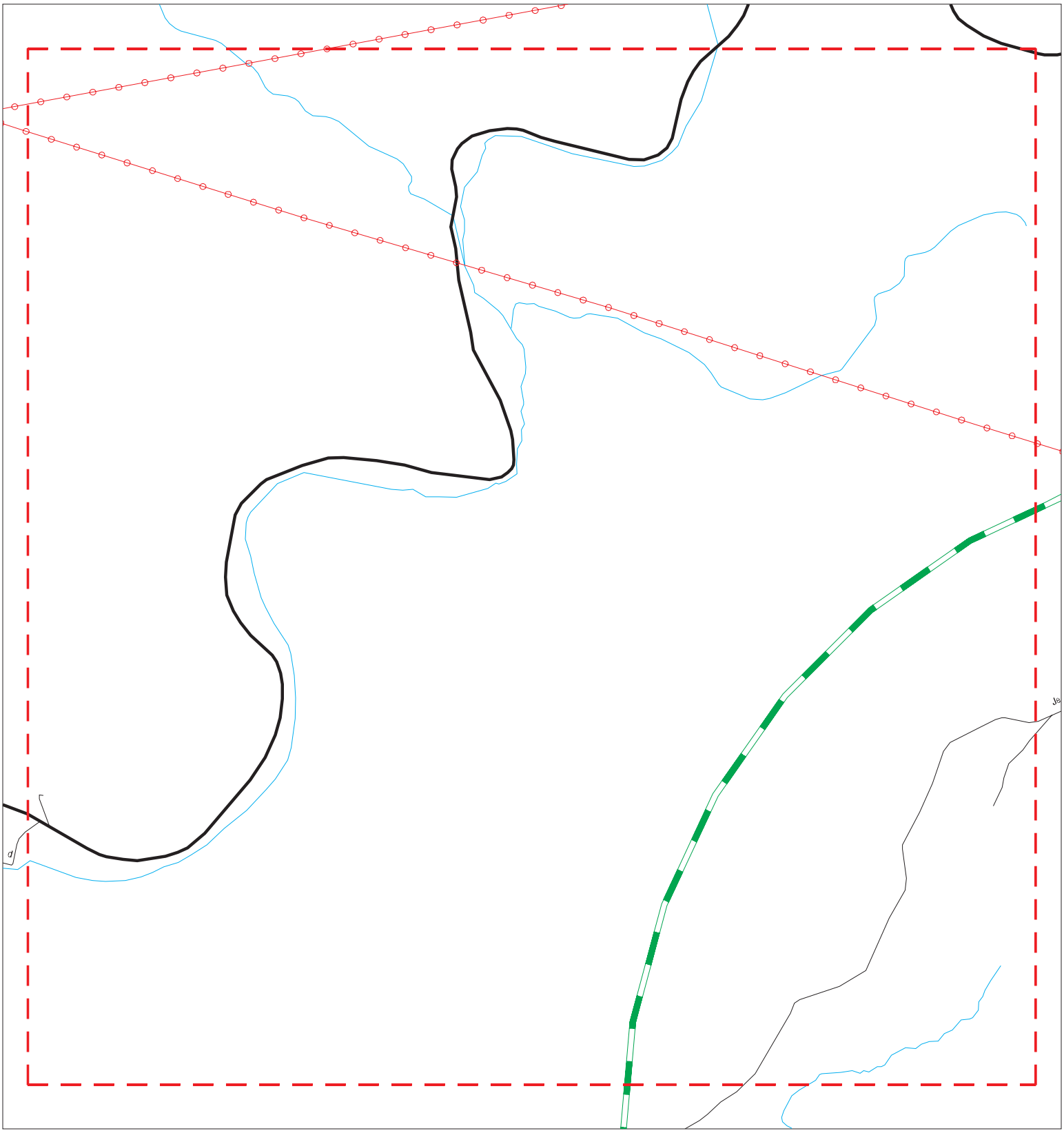
NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Focus Map - 1 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site	CLIENT: ECS Mid Atlantic, LLC
ADDRESS: New Georges Creek Road	CONTACT: EMILY GRIMES
CITY/STATE: Westernport MD	INQUIRY #: 7496218.9s
ZIP: 21562	DATE: 11/13/23

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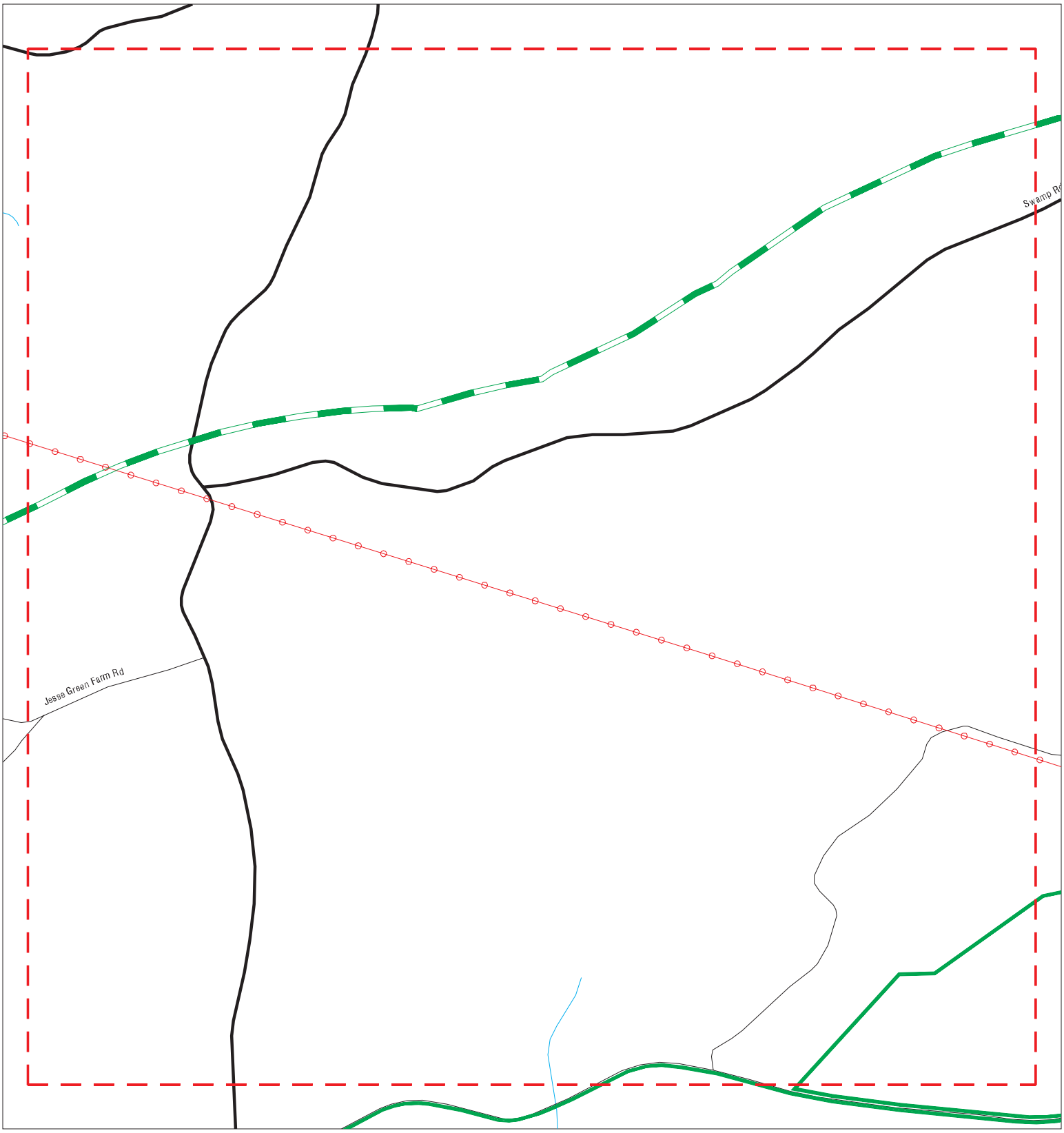
MAPPED SITES SUMMARY - FOCUS MAP 1

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 2 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site ADDRESS: New Georges Creek Road CITY/STATE: Westernport MD ZIP: 21562	CLIENT: ECS Mid Atlantic, LLC CONTACT: EMILY GRIMES INQUIRY #: 7496218.9s DATE: 11/13/23

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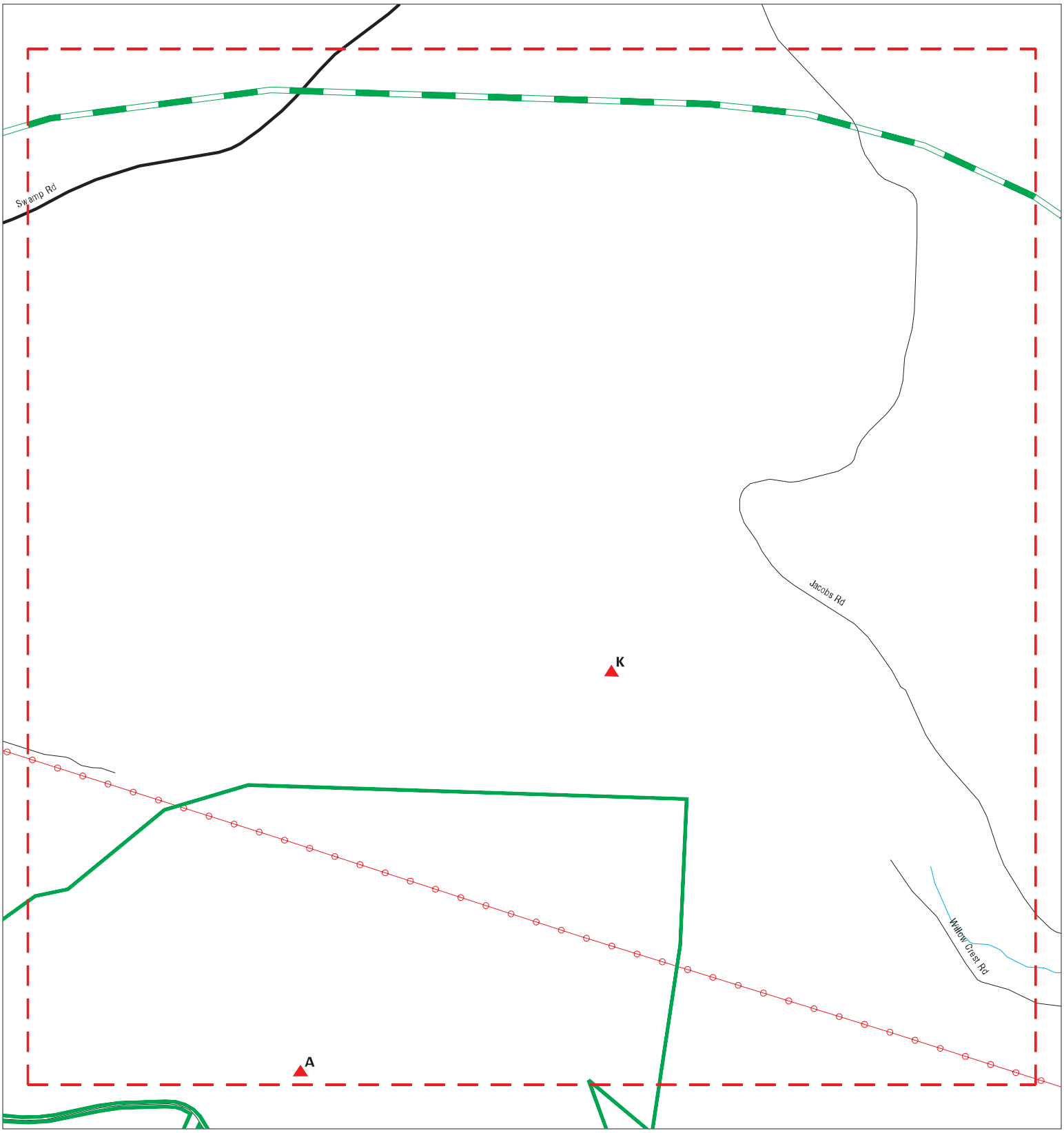
MAPPED SITES SUMMARY - FOCUS MAP 2

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 3 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site	CLIENT: ECS Mid Atlantic, LLC
ADDRESS: New Georges Creek Road	CONTACT: EMILY GRIMES
CITY/STATE: Westernport MD	INQUIRY #: 7496218.9s
ZIP: 21562	DATE: 11/13/23

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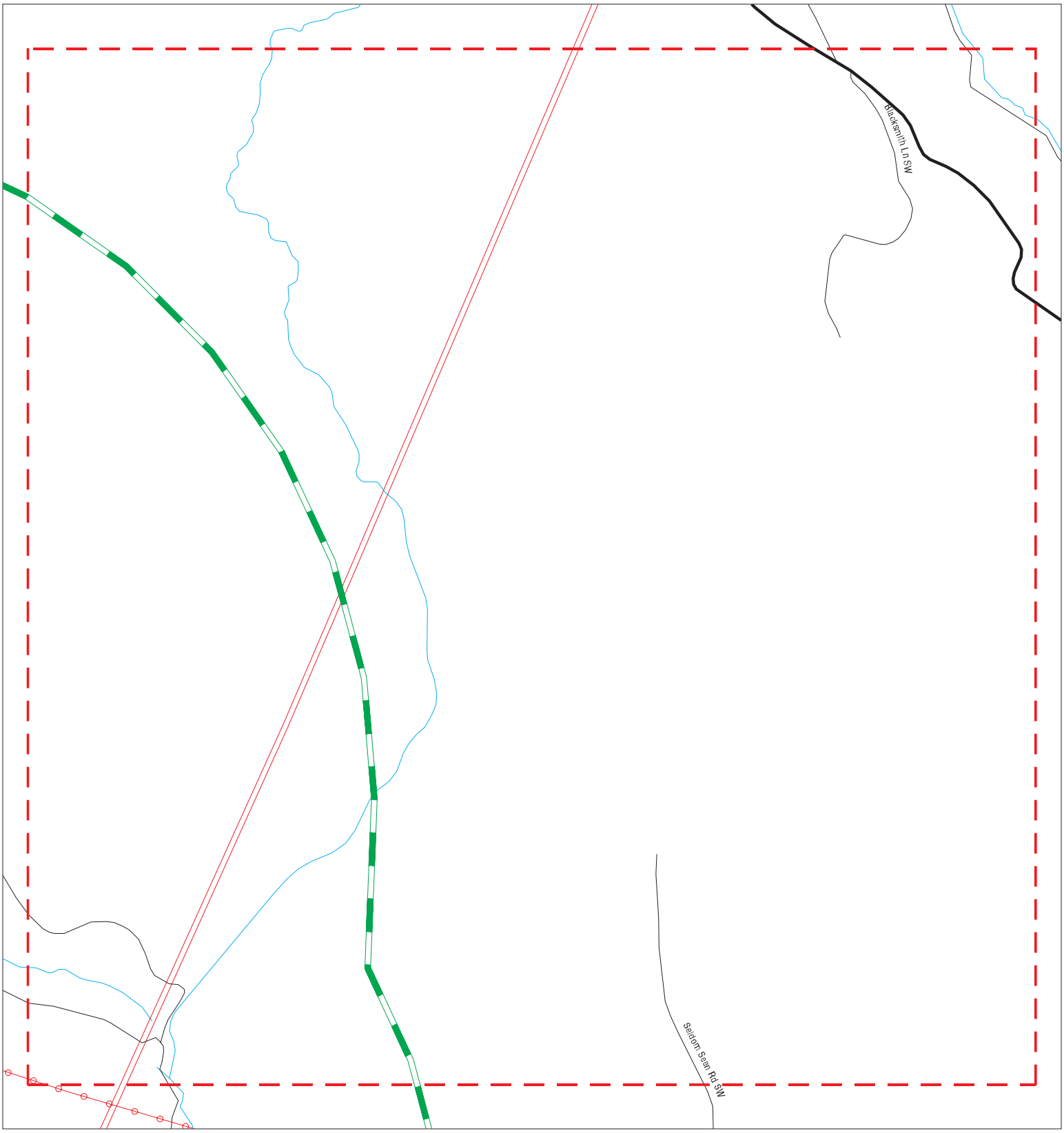
MAPPED SITES SUMMARY - FOCUS MAP 3

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
A1 / 3	STAR MINING, INC.-MA	RUSSELL ROAD	ECHO	TP
A2 / 3	RUSSELL ROAD MINE	RUSSELL ROAD	FINDS	TP
K60 / 3	CLARK COAL #7		ABANDONED MINES	956 0.181 North
K61 / 3	TRI-STAR MINING INC		US MINES	958 0.181 North

Focus Map - 4 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site	CLIENT: ECS Mid Atlantic, LLC
ADDRESS: New Georges Creek Road	CONTACT: EMILY GRIMES
CITY/STATE: Westernport MD	INQUIRY #: 7496218.9s
ZIP: 21562	DATE: 11/13/23

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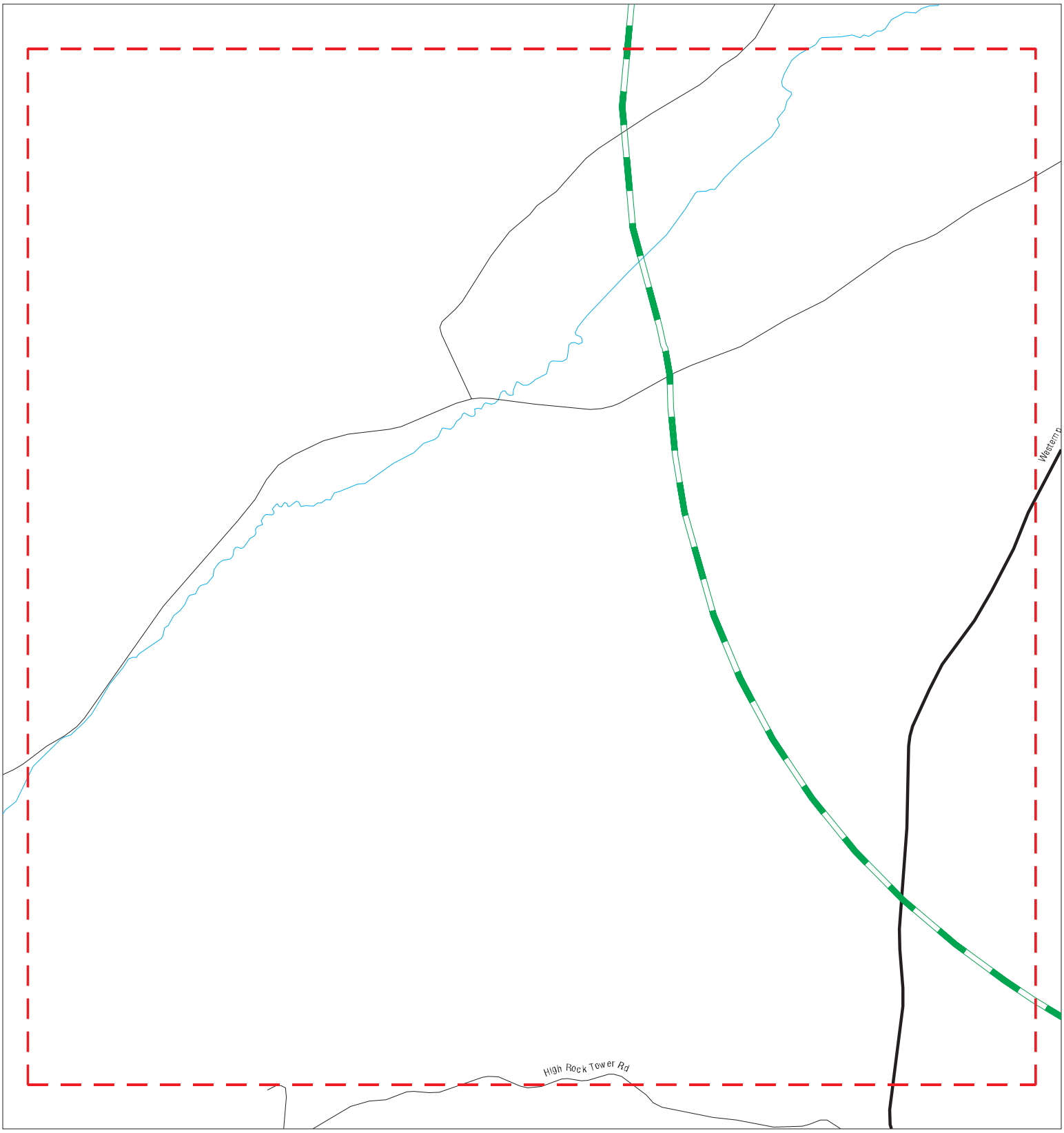
MAPPED SITES SUMMARY - FOCUS MAP 4

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 5 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site ADDRESS: New Georges Creek Road CITY/STATE: Westernport MD ZIP: 21562	CLIENT: ECS Mid Atlantic, LLC CONTACT: EMILY GRIMES INQUIRY #: 7496218.9s DATE: 11/13/23

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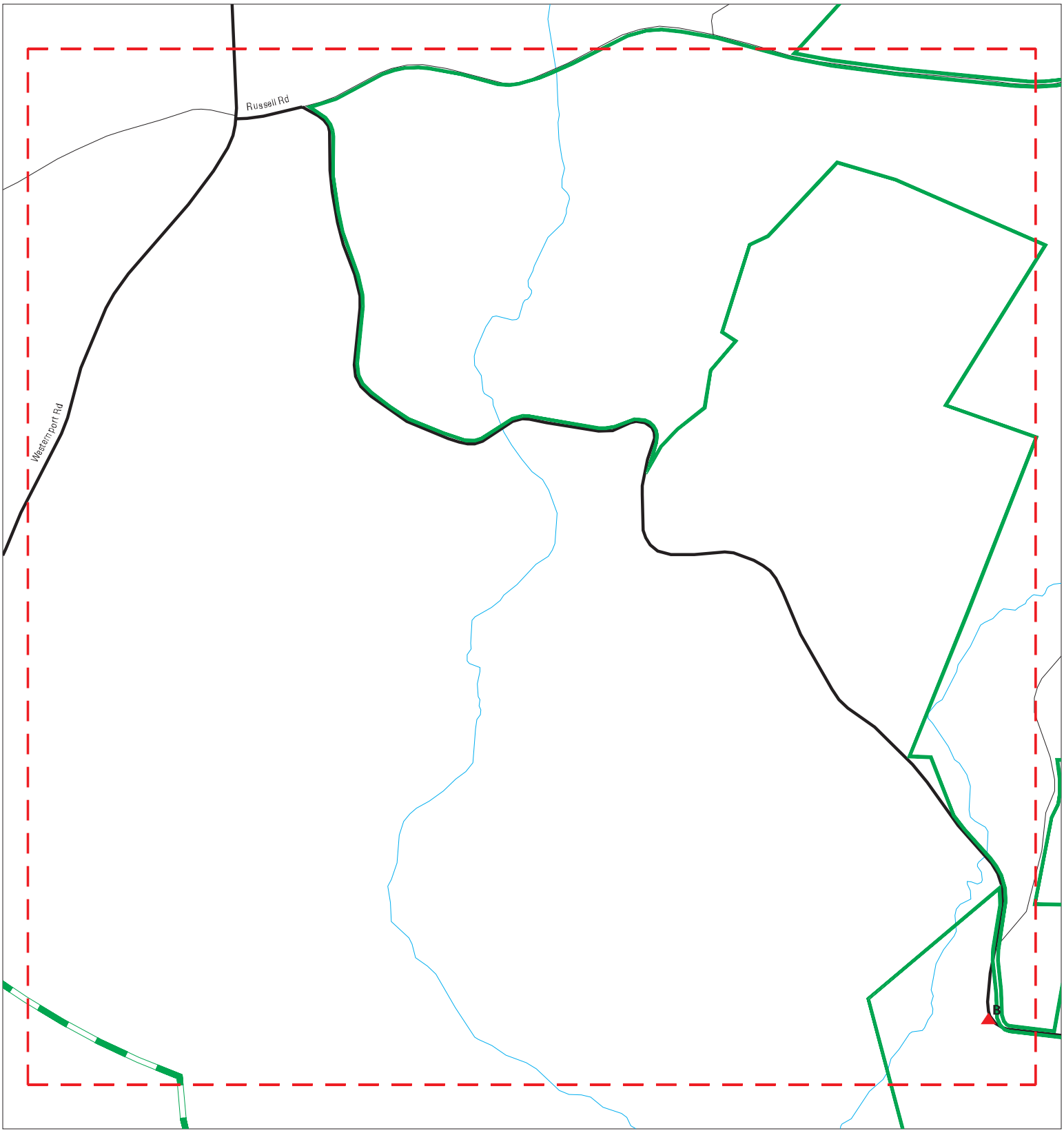
MAPPED SITES SUMMARY - FOCUS MAP 5

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 6 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site	CLIENT: ECS Mid Atlantic, LLC
ADDRESS: New Georges Creek Road	CONTACT: EMILY GRIMES
CITY/STATE: Westernport MD	INQUIRY #: 7496218.9s
ZIP: 21562	DATE: 11/13/23

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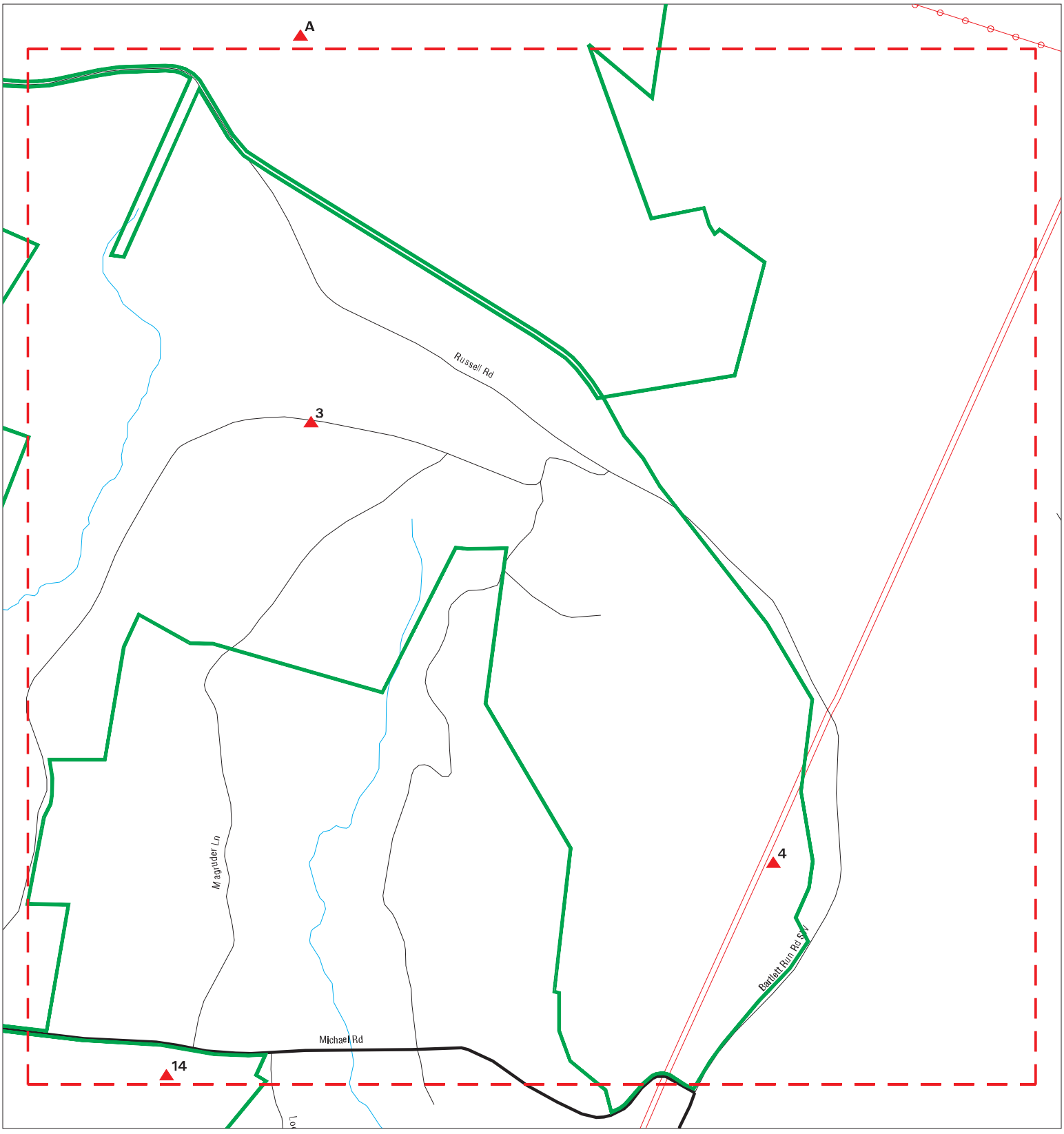
MAPPED SITES SUMMARY - FOCUS MAP 6

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
B5 / 6	TRI-STAR MINING	2274 MICHAEL ROAD	FINDS	TP
B6 / 6	TRI-STAR MINING	2278 MICHAEL ROAD	ICIS, US AIRS	TP
B7 / 6	BTC TRUCKING	2278 MICHAEL ROAD	US AIRS, FINDS, ECHO	TP
B8 / 6	BEENER COAL CO / BTC	2278 MICHAEL RD	MD OCPCASES, MD NPDES	TP
B9 / 6	JOB #3	2278 MICHAEL ROAD	US MINES	TP
B10 / 6	TRI-STAR MINING	2278 MICHAEL RD	MD ENG CONTROLS, MD NPDES	TP
B11 / 6	BTC TRUCKING, INC.	2278 MICHAEL ROAD	MD UST, MD AST, MD Financial Assurance	TP
B12 / 6		2278 MICHAEL ROAD	MD AIRS	TP
B13 / 6		2278 MICHAEL ROAD	MD AIRS	TP

Focus Map - 7 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site	CLIENT: ECS Mid Atlantic, LLC
ADDRESS: New Georges Creek Road	CONTACT: EMILY GRIMES
CITY/STATE: Westernport MD	INQUIRY #: 7496218.9s
ZIP: 21562	DATE: 11/13/23

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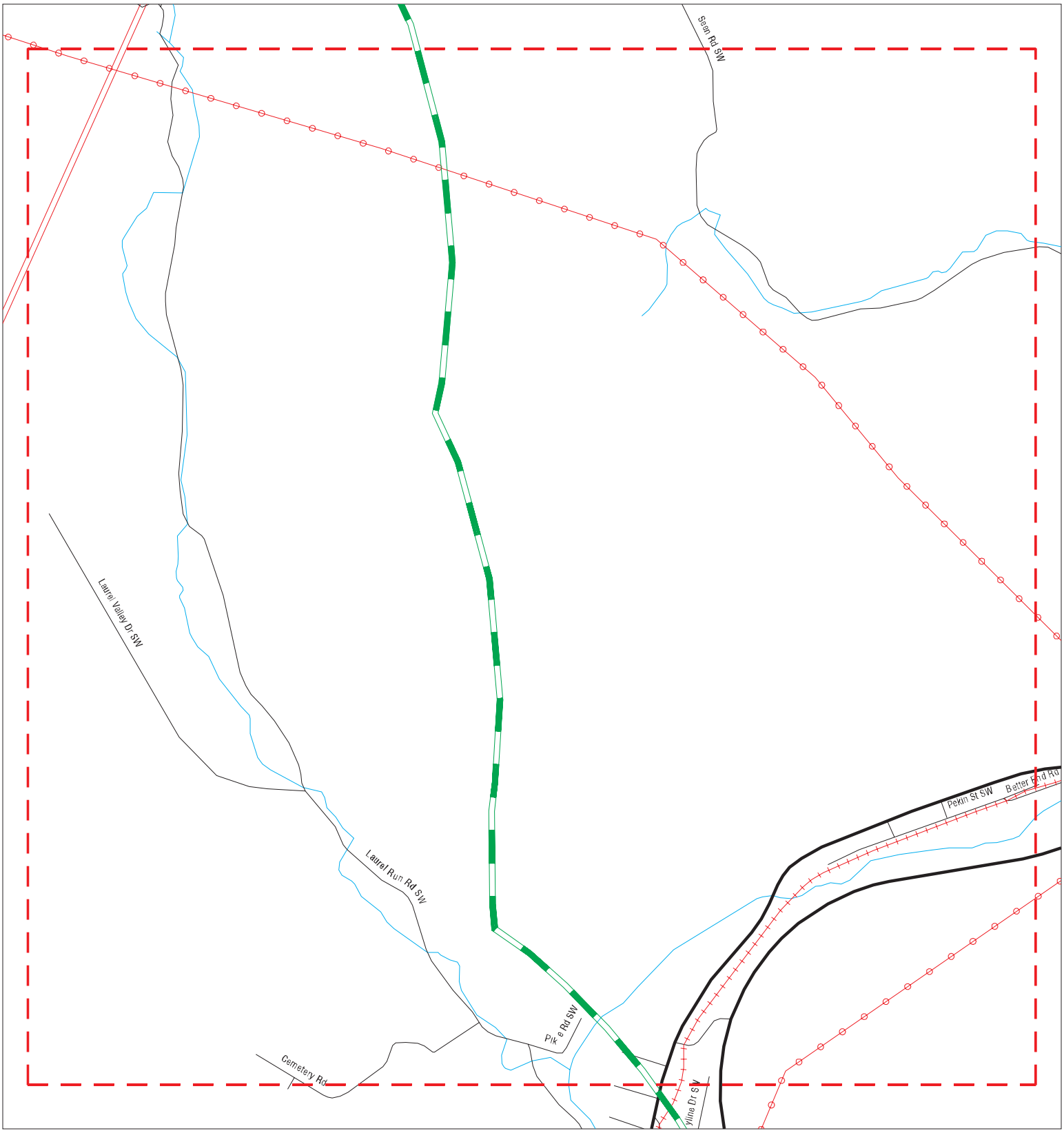
MAPPED SITES SUMMARY - FOCUS MAP 7

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
3 / 7	WESTERN AMERICA COAL		US MINES	TP
4 / 7	HANSEL DEPOSIT		MINES MRDS	TP
14 / 7	TRI-STAR MINING INC		US MINES	TP

Focus Map - 8 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site	CLIENT: ECS Mid Atlantic, LLC
ADDRESS: New Georges Creek Road	CONTACT: EMILY GRIMES
CITY/STATE: Westernport MD	INQUIRY #: 7496218.9s
ZIP: 21562	DATE: 11/13/23

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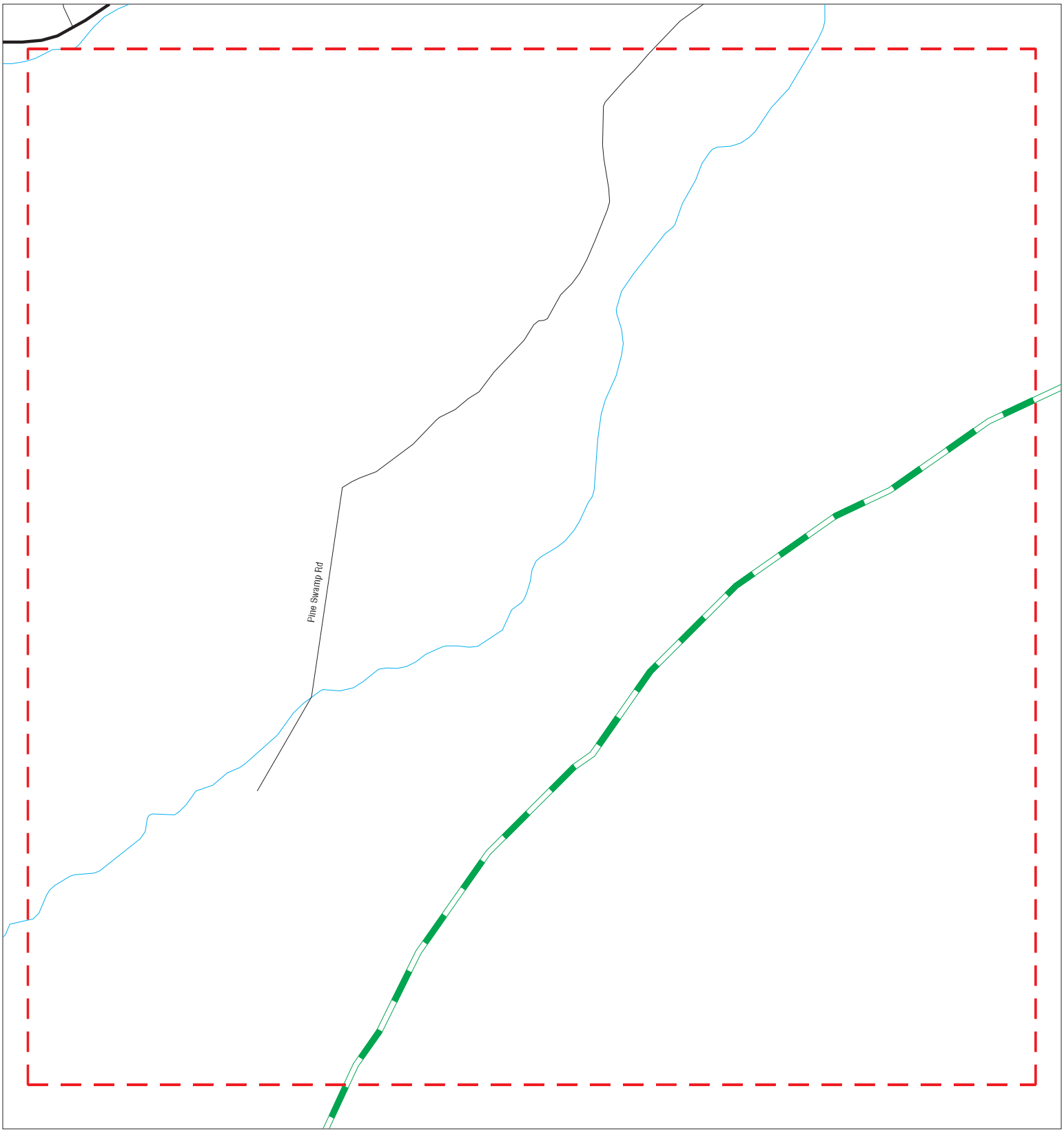
MAPPED SITES SUMMARY - FOCUS MAP 8

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 9 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site	CLIENT: ECS Mid Atlantic, LLC
ADDRESS: New Georges Creek Road	CONTACT: EMILY GRIMES
CITY/STATE: Westernport MD	INQUIRY #: 7496218.9s
ZIP: 21562	DATE: 11/13/23

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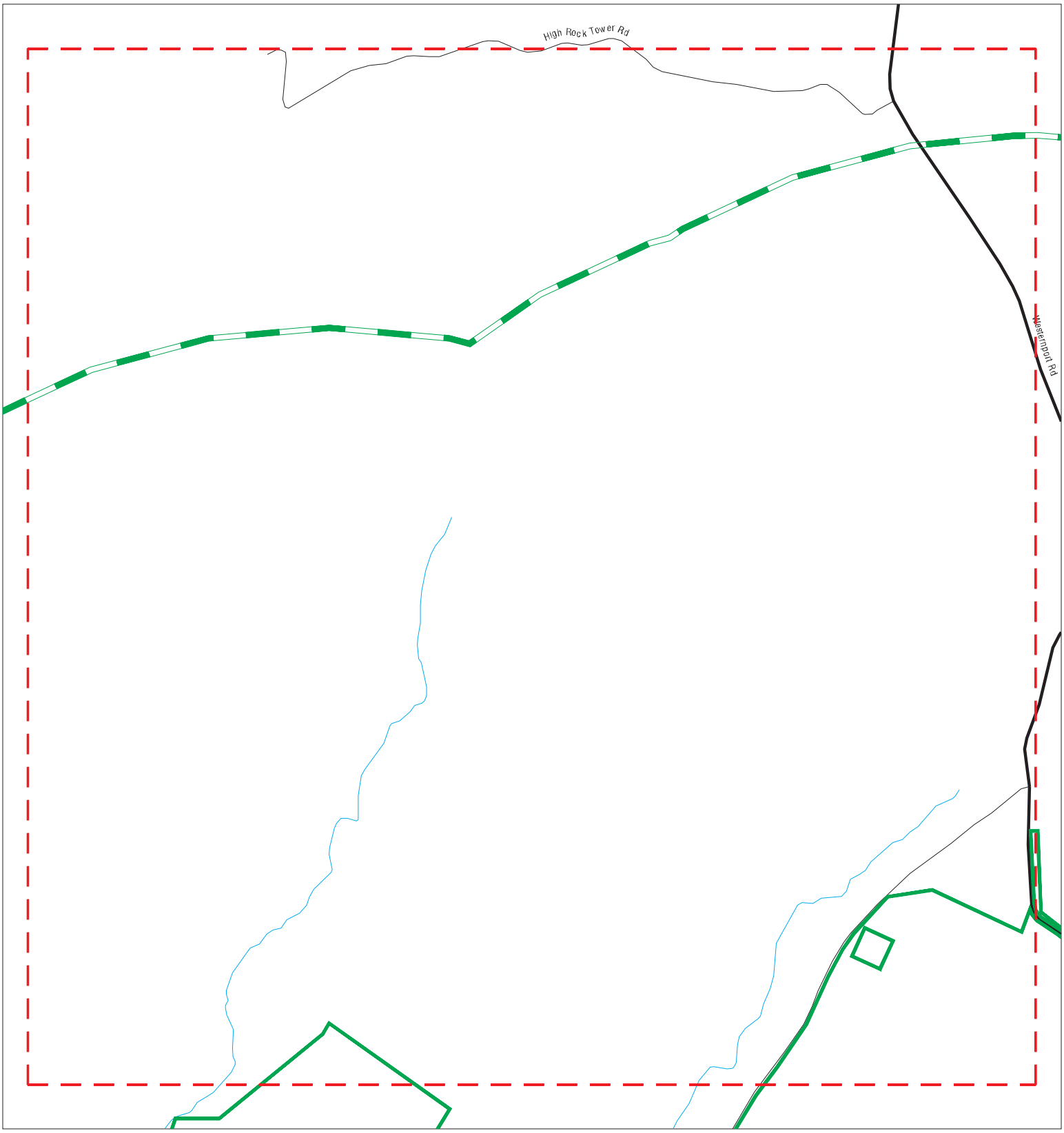
MAPPED SITES SUMMARY - FOCUS MAP 9

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 10 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site ADDRESS: New Georges Creek Road CITY/STATE: Westernport MD ZIP: 21562	CLIENT: ECS Mid Atlantic, LLC CONTACT: EMILY GRIMES INQUIRY #: 7496218.9s DATE: 11/13/23

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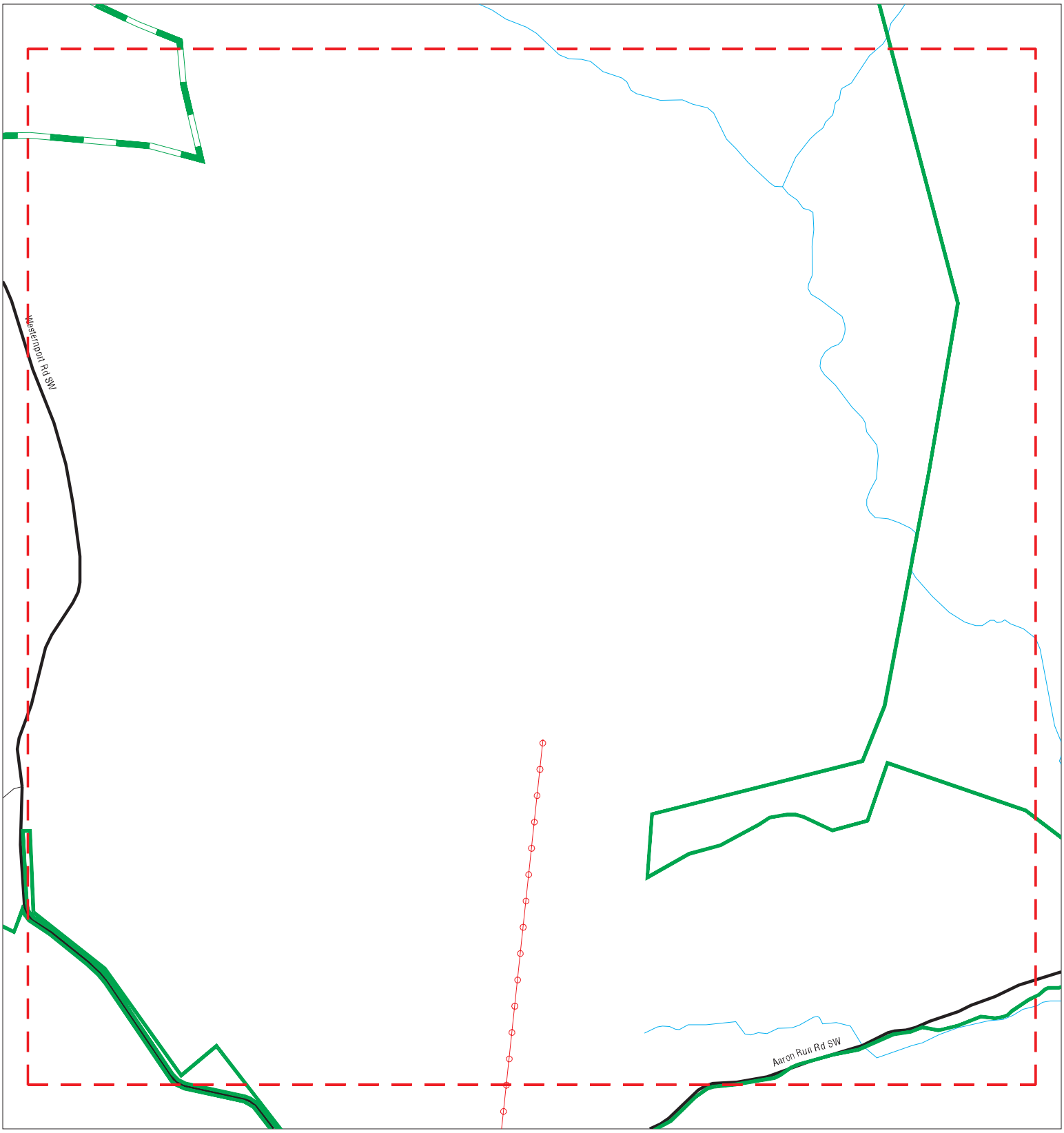
MAPPED SITES SUMMARY - FOCUS MAP 10

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 11 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site ADDRESS: New Georges Creek Road CITY/STATE: Westernport MD ZIP: 21562	CLIENT: ECS Mid Atlantic, LLC CONTACT: EMILY GRIMES INQUIRY #: 7496218.9s DATE: 11/13/23

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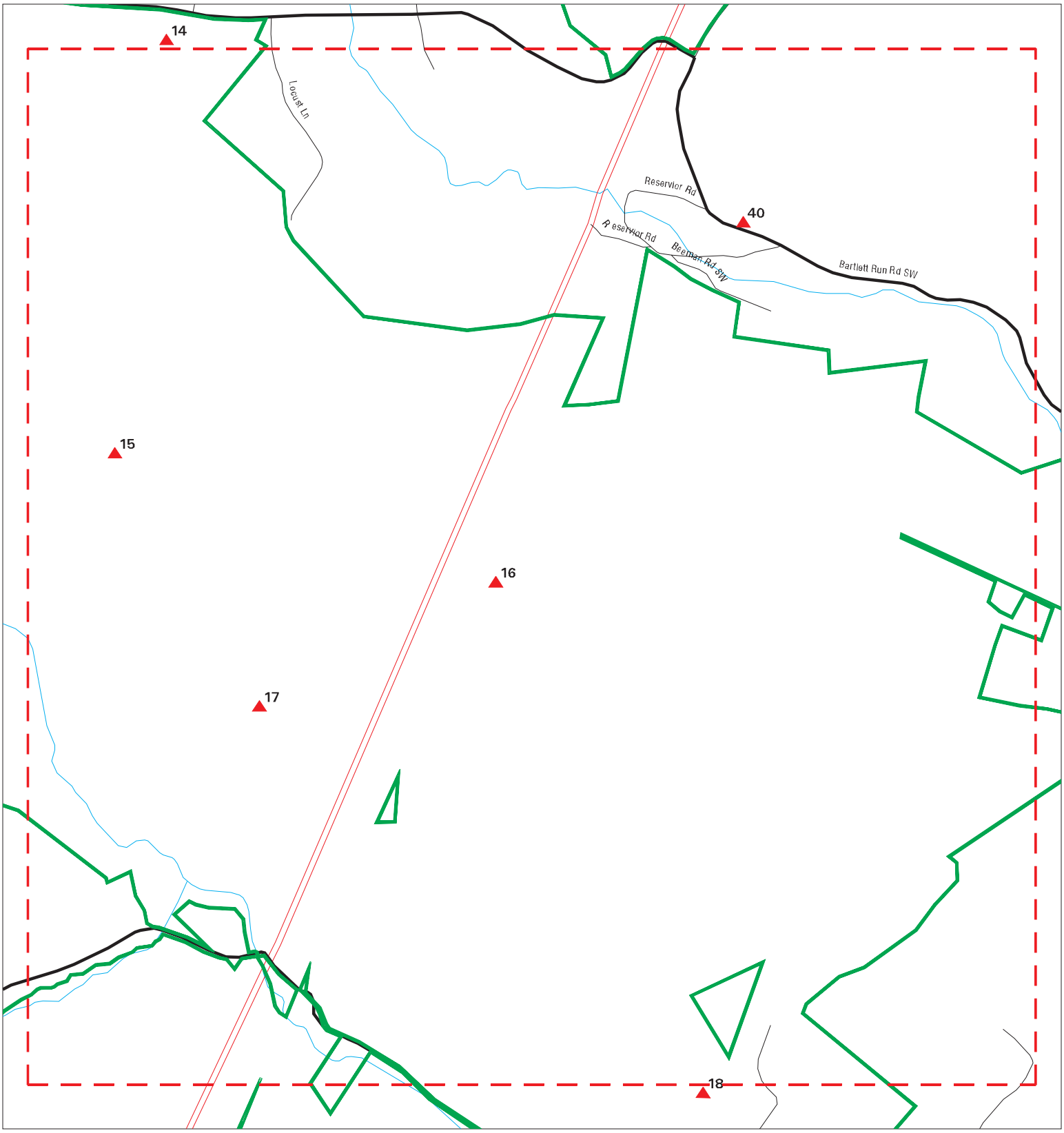
MAPPED SITES SUMMARY - FOCUS MAP 11

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 12 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site	CLIENT: ECS Mid Atlantic, LLC
ADDRESS: New Georges Creek Road	CONTACT: EMILY GRIMES
CITY/STATE: Westernport MD	INQUIRY #: 7496218.9s
ZIP: 21562	DATE: 11/13/23

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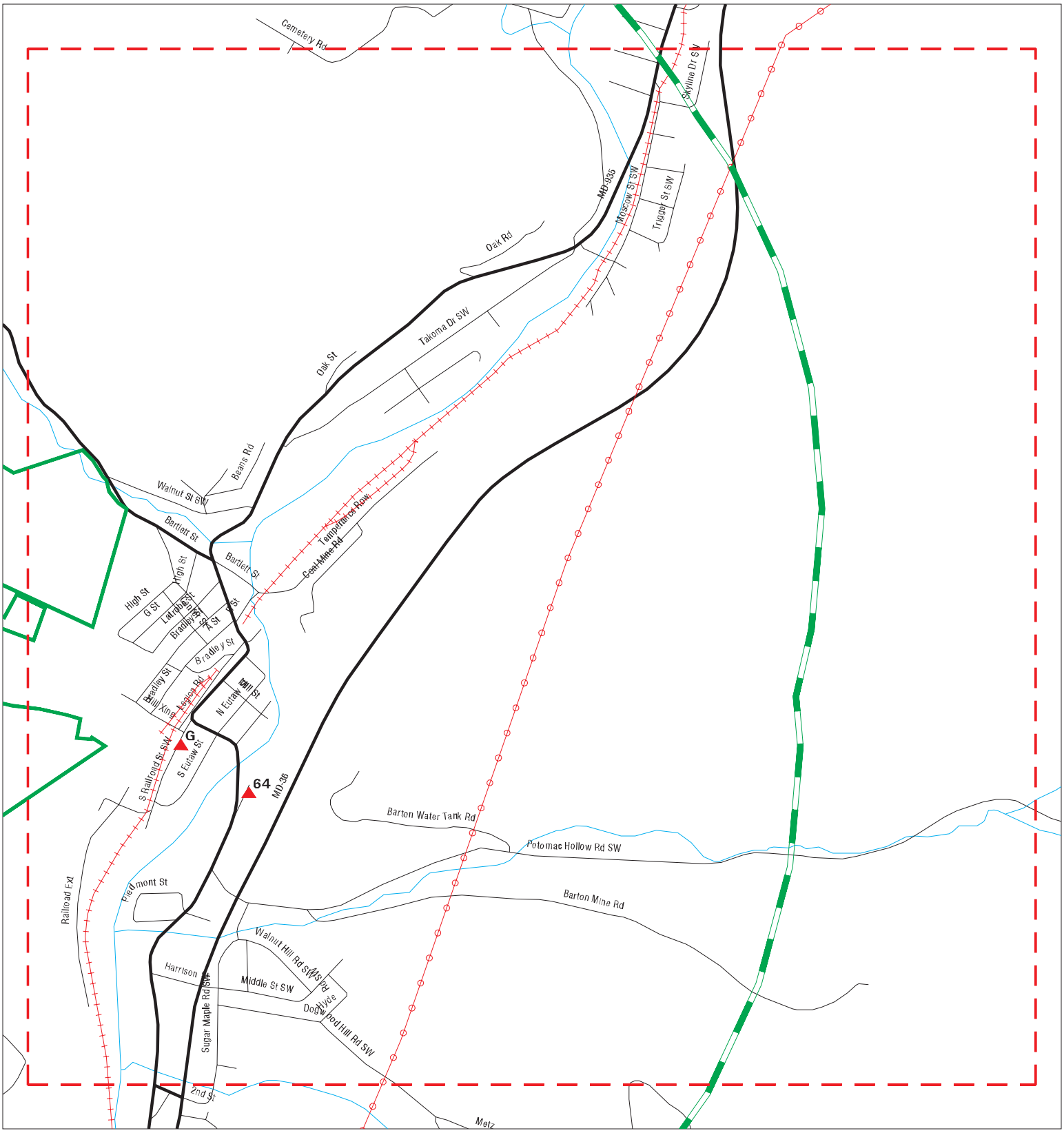
MAPPED SITES SUMMARY - FOCUS MAP 12

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
15 / 12	TRI-STAR MINING QUAR	1.9 MI.N.E. OF BARTO	FINDS, ECHO	TP
16 / 12	TRI-STAR MINING, INC	WEST OF BARTON	FINDS, ECHO	TP
17 / 12	TRI-STAR MINING,INC.	UNKNOWN	FINDS, ECHO	TP
40 / 12	UNKNOWN		PFAS ECHO	570 0.108 NNE

Focus Map - 13 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site	CLIENT: ECS Mid Atlantic, LLC
ADDRESS: New Georges Creek Road	CONTACT: EMILY GRIMES
CITY/STATE: Westernport MD	INQUIRY #: 7496218.9s
ZIP: 21562	DATE: 11/13/23

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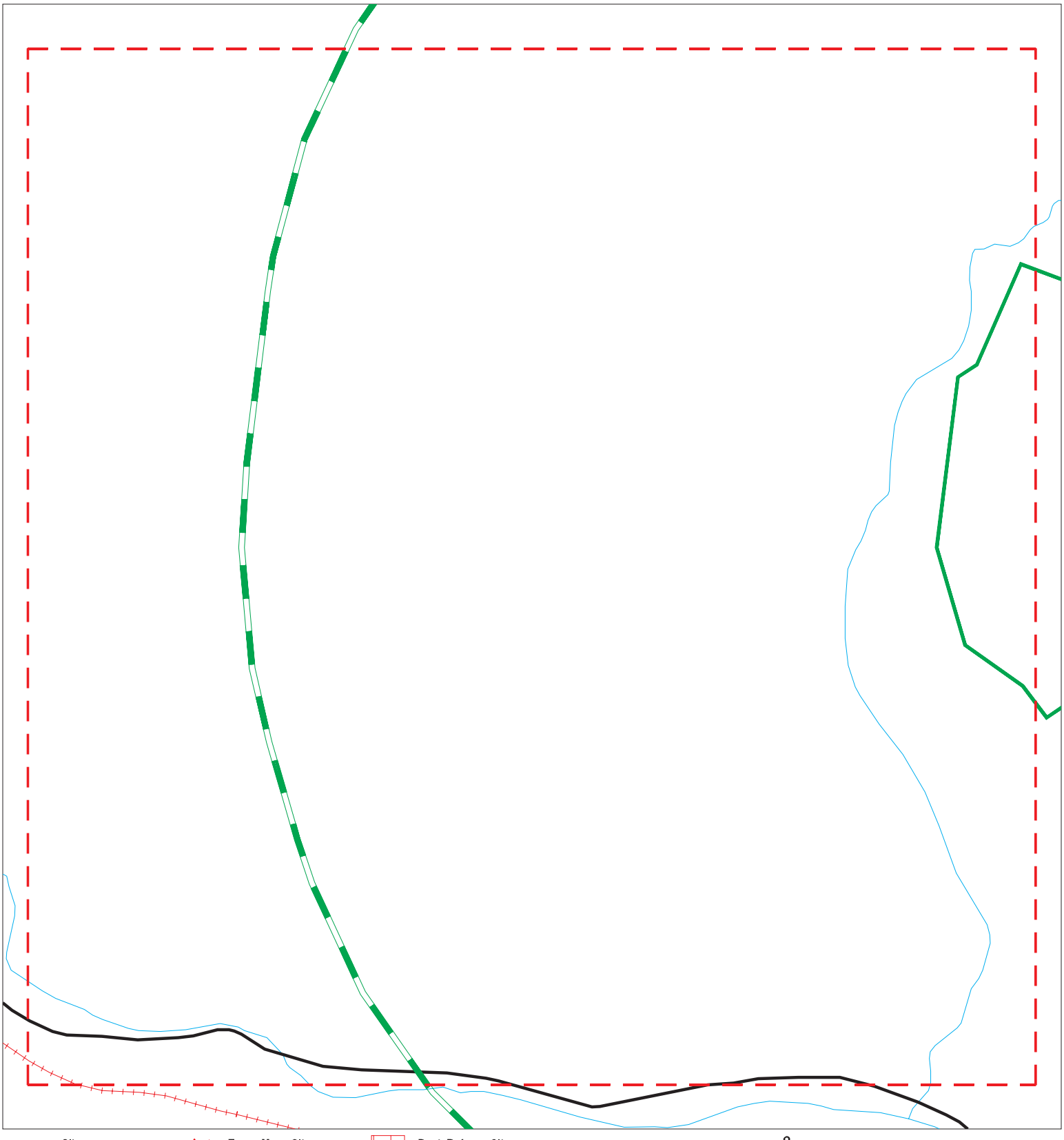
MAPPED SITES SUMMARY - FOCUS MAP 13

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
G41 / 13	BAILEY'S SERVICE STA	P. O. BOX 47	MD UST, MD Financial Assurance	576 0.109 East
G42 / 13	GARY BROADWATER	BOX 309	MD OCPCASES	576 0.109 East
G43 / 13	BARTON MINNING CO.	P. O. BOX 305	MD UST, MD Financial Assurance	576 0.109 East
64 / 13	BARTON FIRE DEPT	19202 LEGISLATIVE RD	MD PFAS	1146 0.217 ESE

Focus Map - 14 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site ADDRESS: New Georges Creek Road CITY/STATE: Westernport MD ZIP: 21562	CLIENT: ECS Mid Atlantic, LLC CONTACT: EMILY GRIMES INQUIRY #: 7496218.9s DATE: 11/13/23

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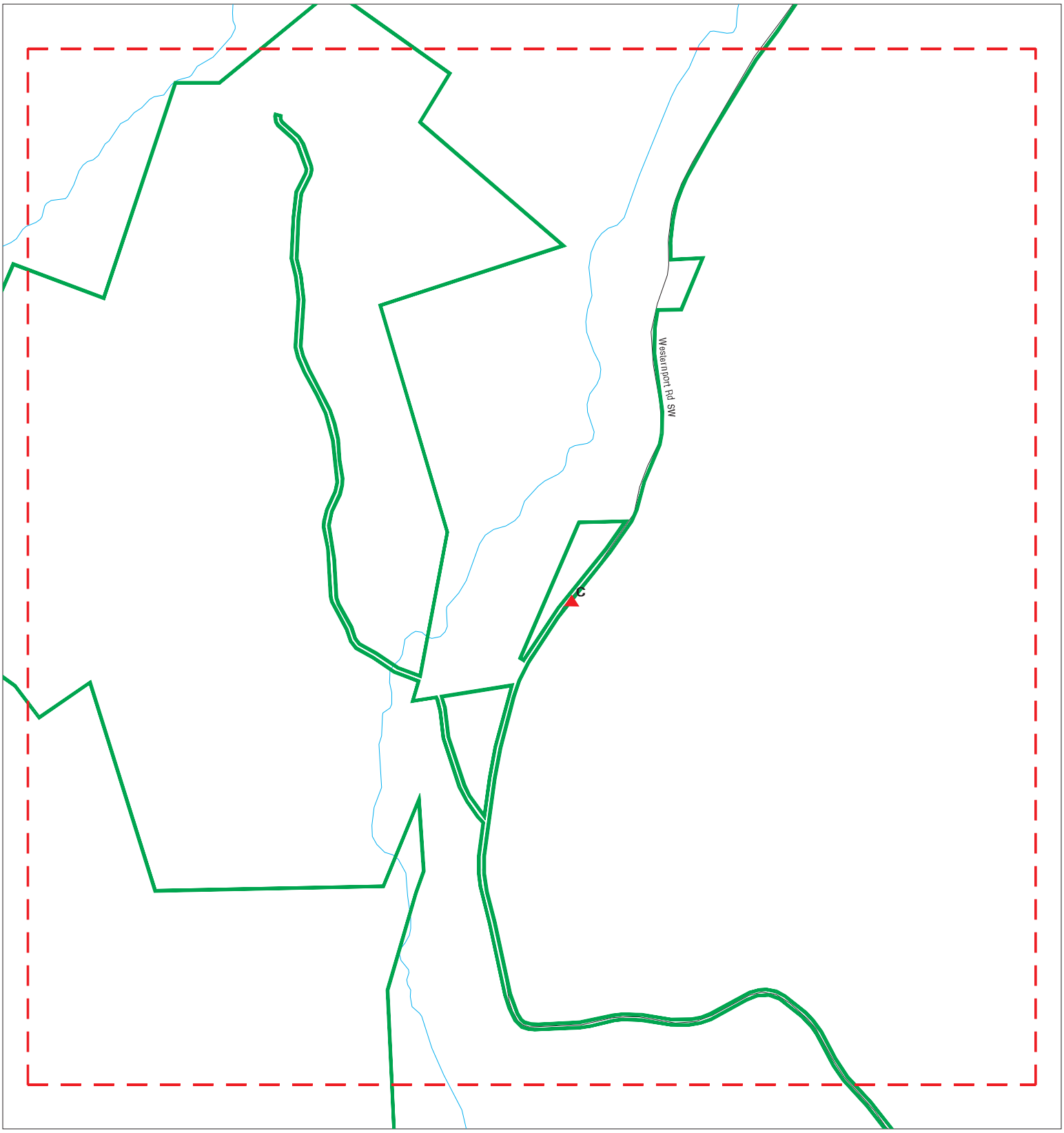
MAPPED SITES SUMMARY - FOCUS MAP 14

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 15 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site ADDRESS: New Georges Creek Road CITY/STATE: Westernport MD ZIP: 21562	CLIENT: ECS Mid Atlantic, LLC CONTACT: EMILY GRIMES INQUIRY #: 7496218.9s DATE: 11/13/23

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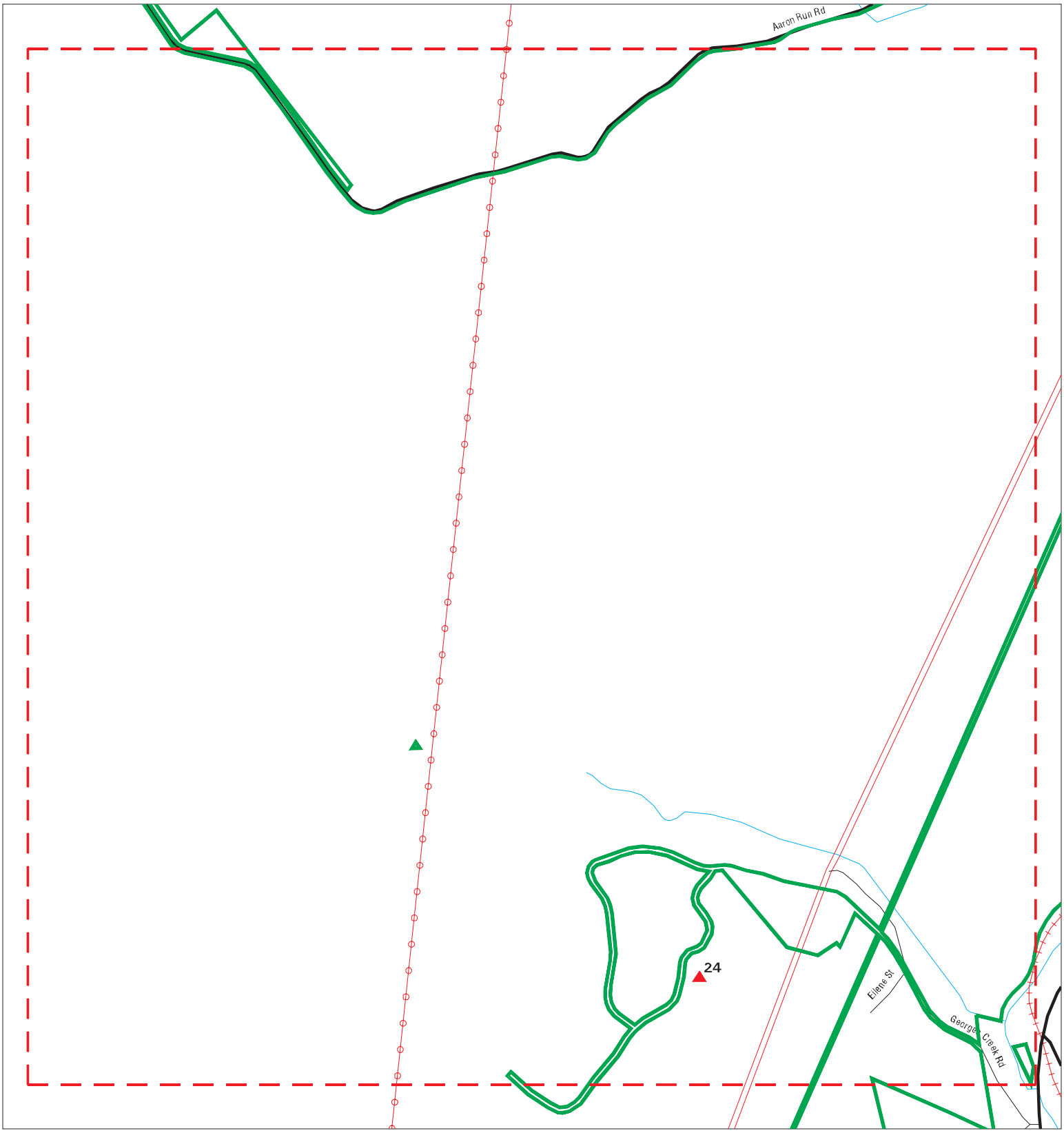
MAPPED SITES SUMMARY - FOCUS MAP 15

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
C19 / 15	TAYLOR LOWER BAKERST	3834 WESTERNPORT ROA	US MINES	TP
C20 / 15	TAYLOR HIGHWALL MINE	3834 WESTERNPORT ROA	US MINES, ABANDONED MINES	TP
C21 / 15	JACKSON MOUNTAIN	3834 WESTERNPORT ROA	US MINES	TP
C22 / 15	TAYLOR #1 MINE	3834 WESTERNPORT ROA	MD AIRS	TP
C23 / 15	ARJ CONSTRUCTION COM	3834 WESTERNPORT RD	ICIS, US AIRS	TP

Focus Map - 16 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site ADDRESS: New Georges Creek Road CITY/STATE: Westernport MD ZIP: 21562	CLIENT: ECS Mid Atlantic, LLC CONTACT: EMILY GRIMES INQUIRY #: 7496218.9s DATE: 11/13/23

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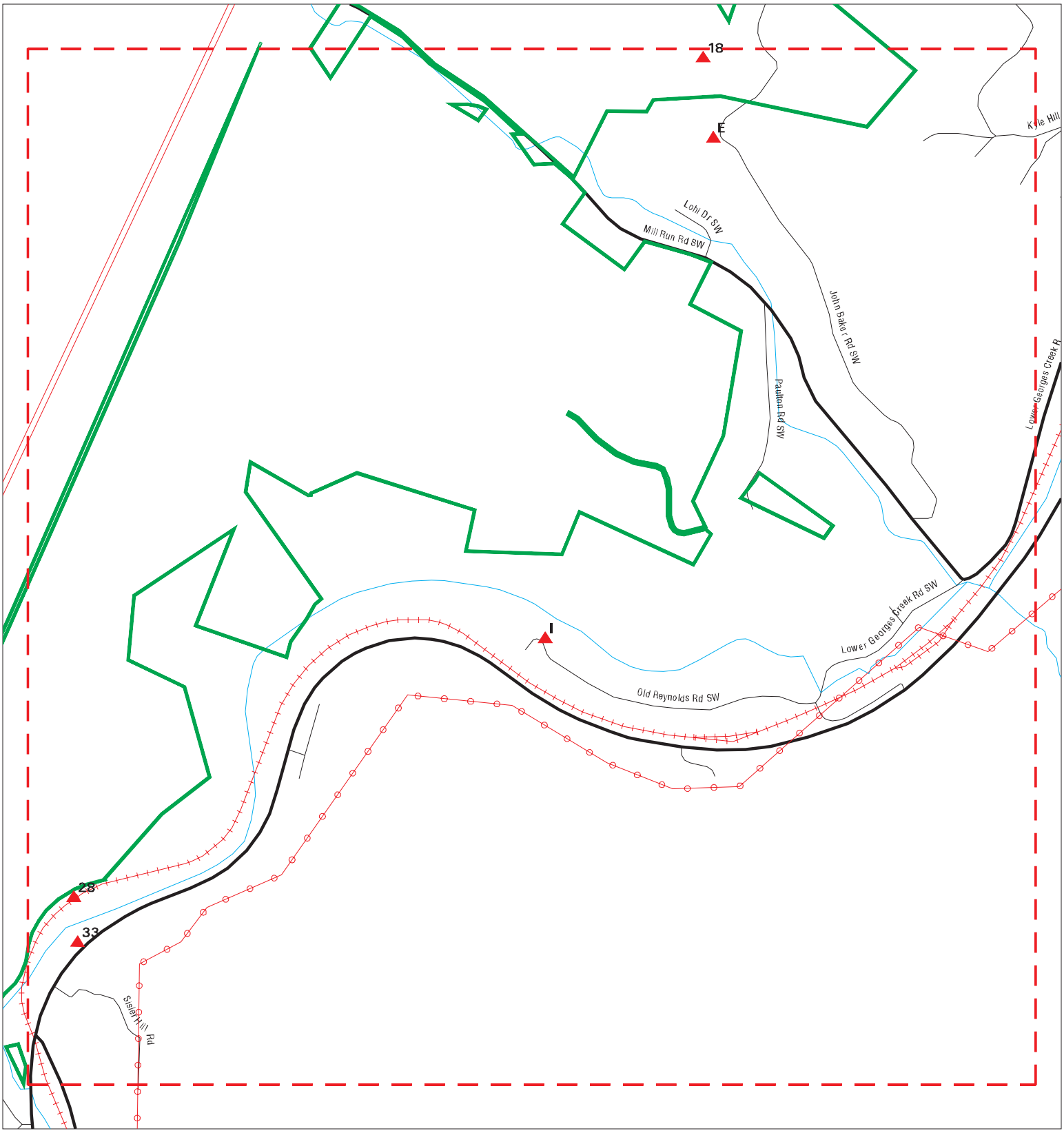
MAPPED SITES SUMMARY - FOCUS MAP 16

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
24 / 16	SAVAGE MOUNTAIN MINE		US MINES	TP

Focus Map - 17 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site	CLIENT: ECS Mid Atlantic, LLC
ADDRESS: New Georges Creek Road	CONTACT: EMILY GRIMES
CITY/STATE: Westernport MD	INQUIRY #: 7496218.9s
ZIP: 21562	DATE: 11/13/23

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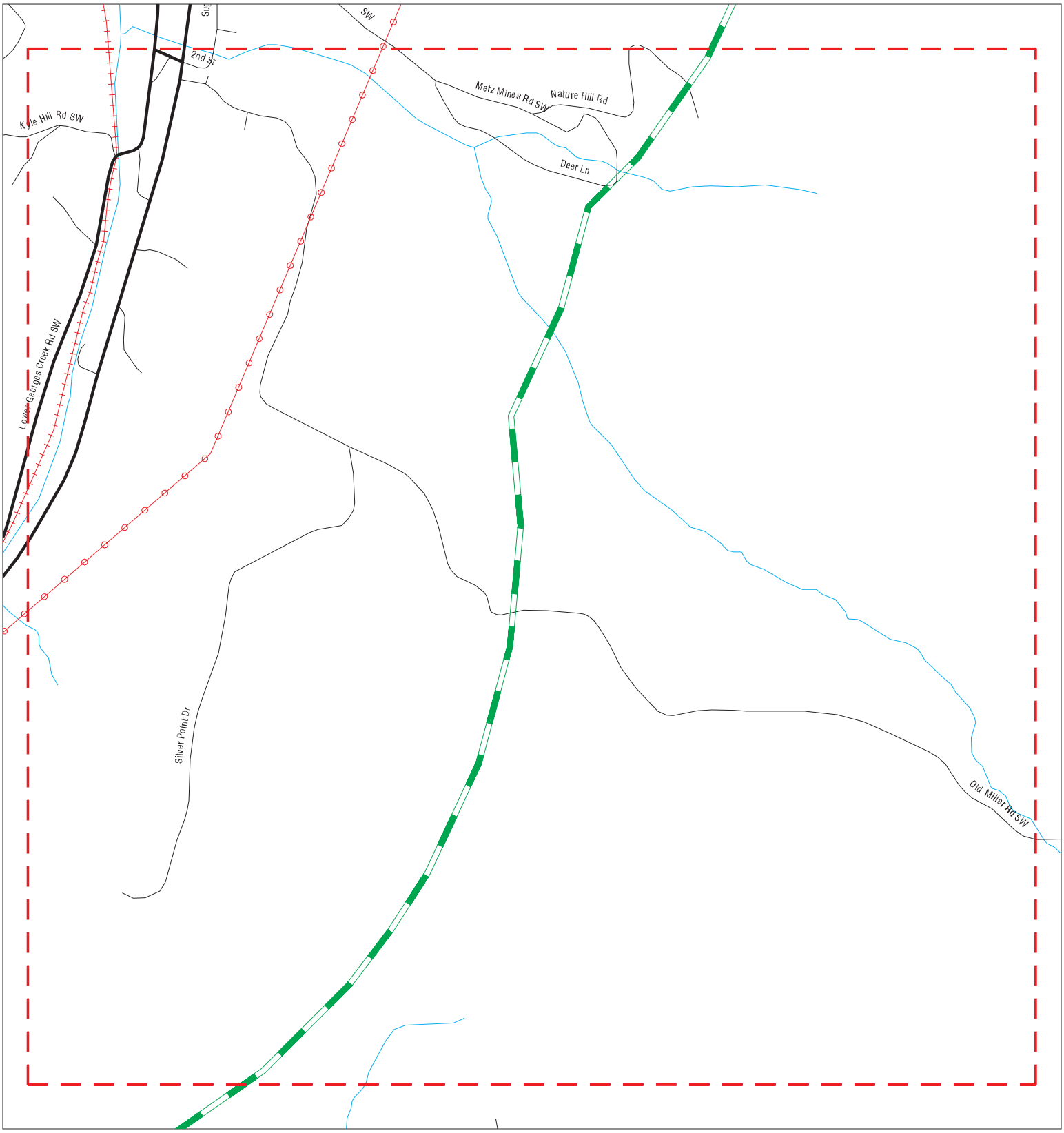
MAPPED SITES SUMMARY - FOCUS MAP 17

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
18 / 17	GINNIMAN COAL COMPAN		US MINES	TP
28 / 17	FRANKLIN COAL YARD,		US MINES	44 0.008 SSE
E31 / 17	TAYLOR # 1	2804 WESTERNPORT RD.	US MINES, ABANDONED MINES	305 0.058 South
E32 / 17	ARJ CONSTRUCTION COM		US MINES	305 0.058 South
33 / 17	ROBERT E. MORAN	21005 NEW GEORGES CR	MD HIST UST	331 0.063 SE
I54 / 17	GEORGE'S CREEK WWTP	25018 OLD REYNOLDS R	MD OCPCASES	633 0.120 South
I57 / 17	GEORGE'S CREEK WWTP	25018 OLD REYNOLDS R	MD PFAS	795 0.151 South

Focus Map - 18 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site	CLIENT: ECS Mid Atlantic, LLC
ADDRESS: New Georges Creek Road	CONTACT: EMILY GRIMES
CITY/STATE: Westernport MD	INQUIRY #: 7496218.9s
ZIP: 21562	DATE: 11/13/23

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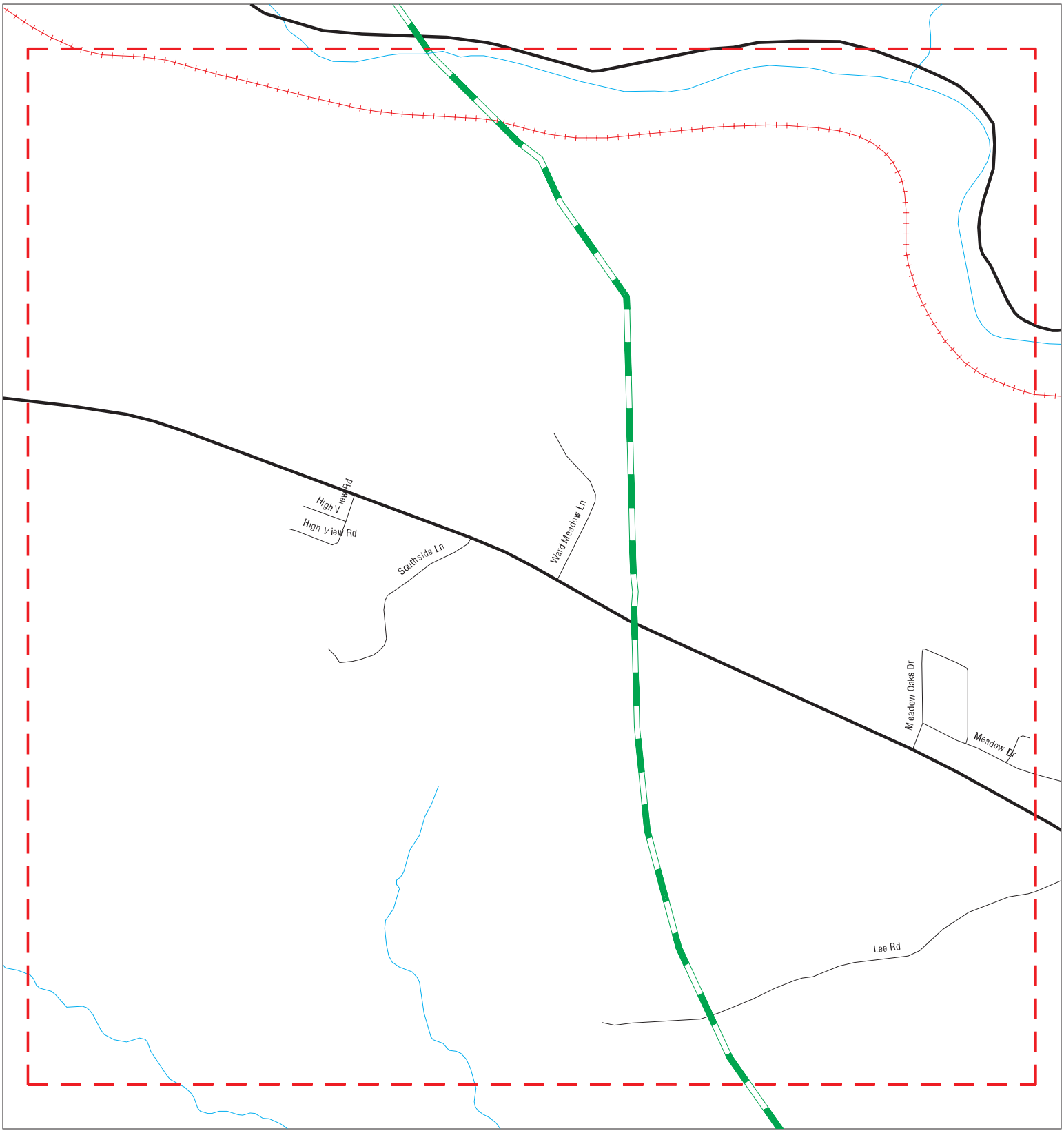
MAPPED SITES SUMMARY - FOCUS MAP 18

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 19 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site	CLIENT: ECS Mid Atlantic, LLC
ADDRESS: New Georges Creek Road	CONTACT: EMILY GRIMES
CITY/STATE: Westernport MD	INQUIRY #: 7496218.9s
ZIP: 21562	DATE: 11/13/23

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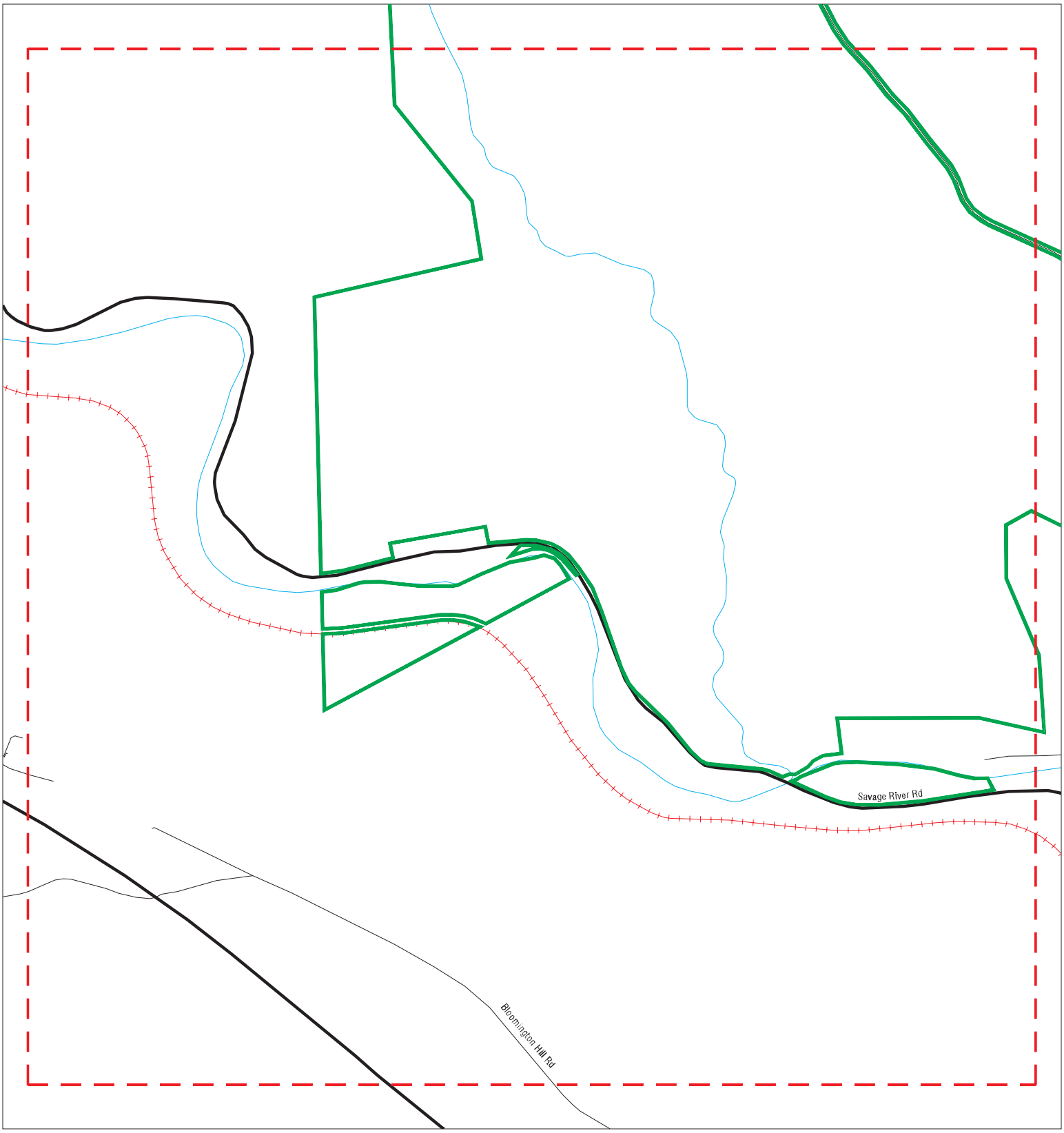
MAPPED SITES SUMMARY - FOCUS MAP 19

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 20 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site ADDRESS: New Georges Creek Road CITY/STATE: Westernport MD ZIP: 21562	CLIENT: ECS Mid Atlantic, LLC CONTACT: EMILY GRIMES INQUIRY #: 7496218.9s DATE: 11/13/23

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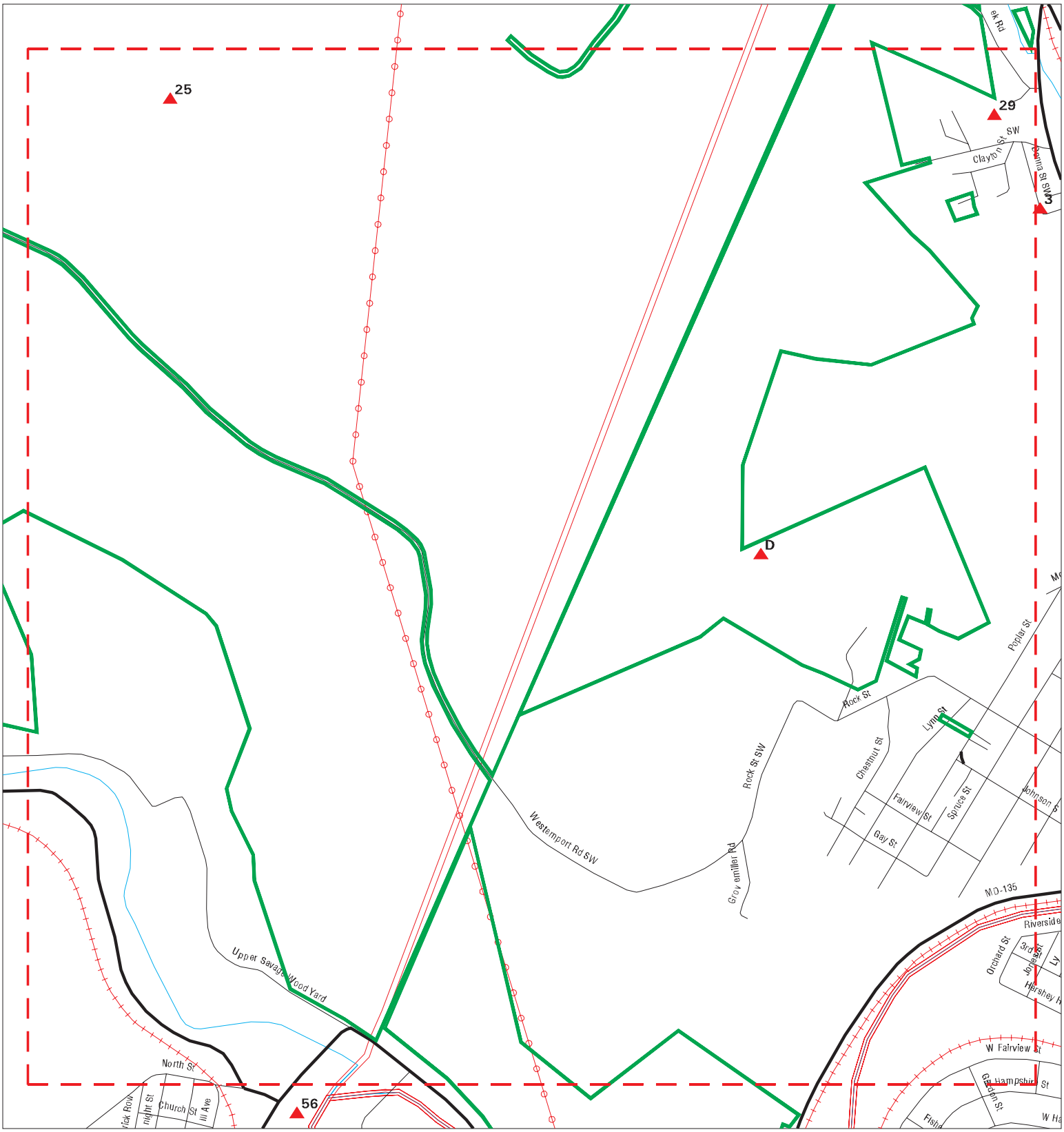
MAPPED SITES SUMMARY - FOCUS MAP 20

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 21 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site	CLIENT: ECS Mid Atlantic, LLC
ADDRESS: New Georges Creek Road	CONTACT: EMILY GRIMES
CITY/STATE: Westernport MD	INQUIRY #: 7496218.9s
ZIP: 21562	DATE: 11/13/23

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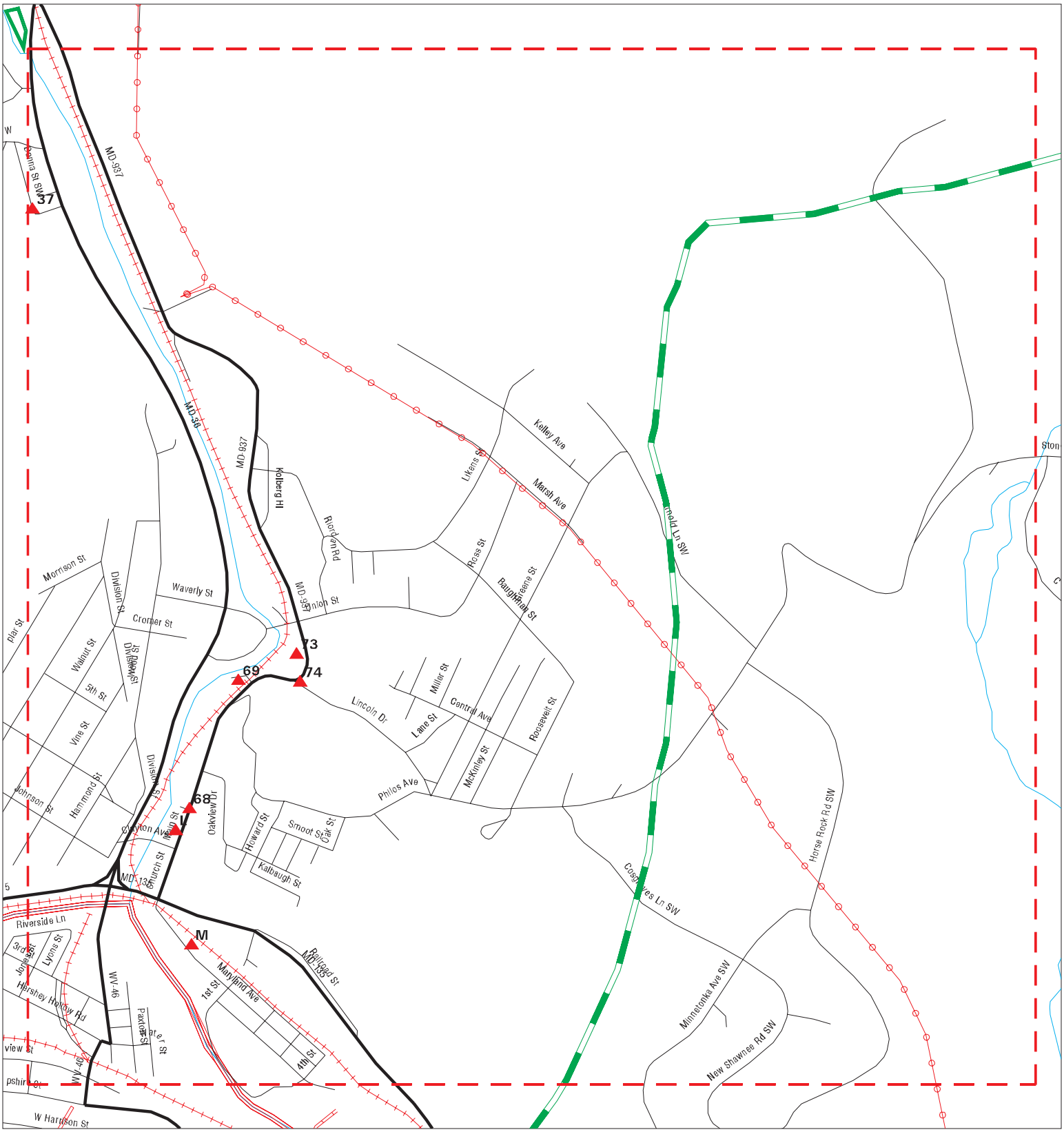
MAPPED SITES SUMMARY - FOCUS MAP 21

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
25 / 21	MORAN FIELD	UNKNOWN	FINDS	TP		
D26 / 21	FRANKLIN HILL #1		ABANDONED MINES	TP		
D27 / 21	WESTVACO RESOURCES I	NOT AVAILABLE	RCRA NonGen / NLR, US MINES	TP		
29 / 21	MORAN MANOR NURSING	25701 SHADY LANE, SW	MD OCPCASES, MD UST, MD Financial Assura...	124	0.023	South

Focus Map - 22 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site	CLIENT: ECS Mid Atlantic, LLC
ADDRESS: New Georges Creek Road	CONTACT: EMILY GRIMES
CITY/STATE: Westernport MD	INQUIRY #: 7496218.9s
ZIP: 21562	DATE: 11/13/23

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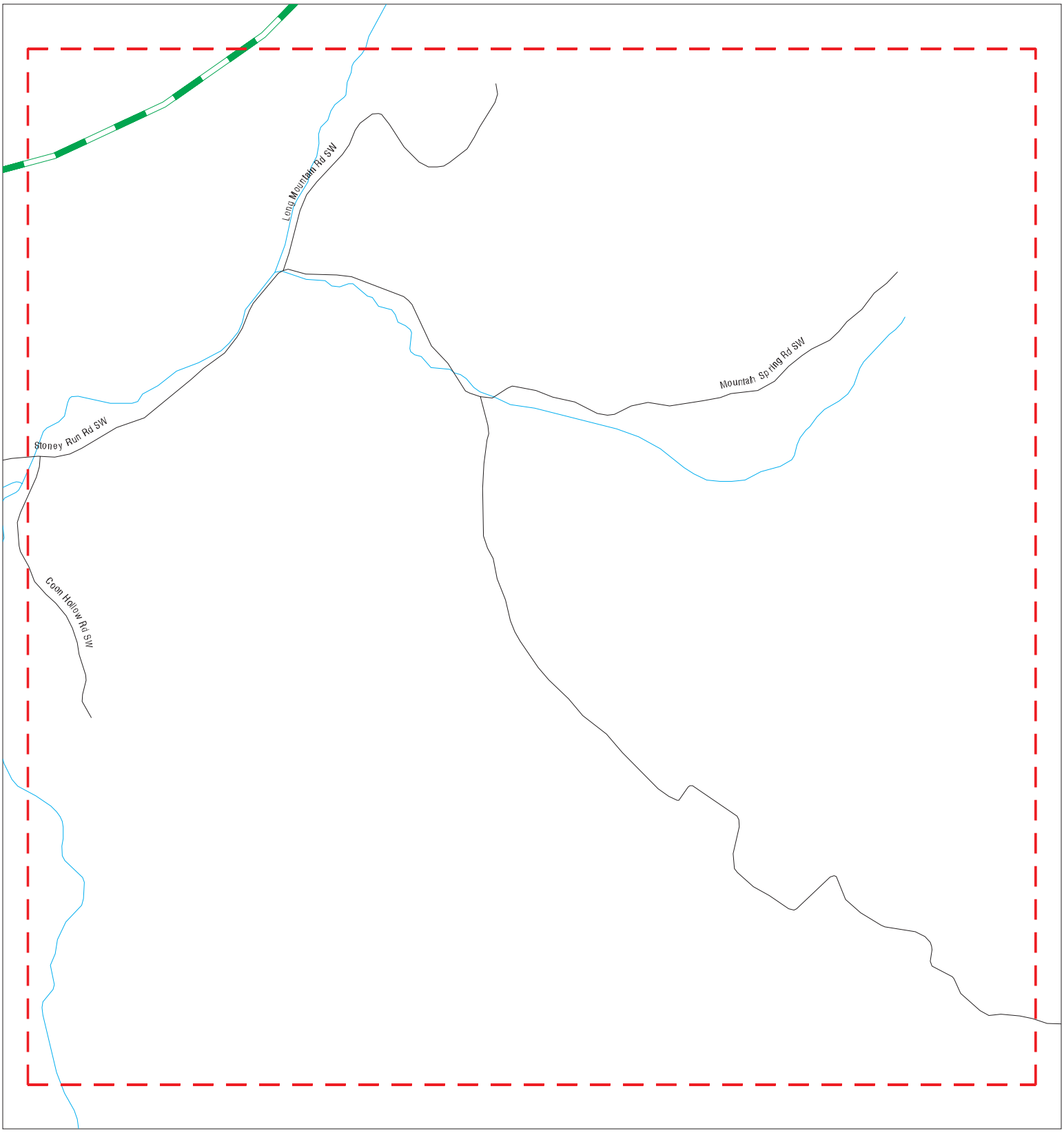
MAPPED SITES SUMMARY - FOCUS MAP 22

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
37 / 22	CHAS FORMAN	115 DONNA ST	MD OCPCASES	480 0.091 East
L66 / 22	TIM DATTON - CHIEF P	61 MAIN ST	MD OCPCASES	1767 0.335 ESE
L67 / 22	TRUCK ACCIDENT/SPILL	RTS 36 & 135	MD OCPCASES	1776 0.336 ESE
68 / 22	TOWN OF WESTERNPORT	107 WASHINGTON ST	MD OCPCASES	1803 0.341 ESE
69 / 22	WESTERNPORT FLOOD	103 FRONT ST	MD OCPCASES	2000 0.379 ESE
M70 / 22	DOROTHY HARVEY	136 MARYLAND AVE	MD OCPCASES	2275 0.431 SE
M71 / 22	NEWS STATION #902/MC	137 MARYLAND AVE / 2	MD OCPCASES	2351 0.445 SE
M72 / 22	NEWS QUICK IN & OUT	150 MARYLAND AVE (RT	MD OCPCASES	2384 0.452 SE
73 / 22	RODERICK FURNITURE O	203 MAIN ST	MD OCPCASES	2406 0.456 East
74 / 22	WILSON AMOCO/JAKES S	206 MAIN ST	MD OCPCASES, MD HIST UST	2462 0.466 East

Focus Map - 23 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site	CLIENT: ECS Mid Atlantic, LLC
ADDRESS: New Georges Creek Road	CONTACT: EMILY GRIMES
CITY/STATE: Westernport MD	INQUIRY #: 7496218.9s
ZIP: 21562	DATE: 11/13/23

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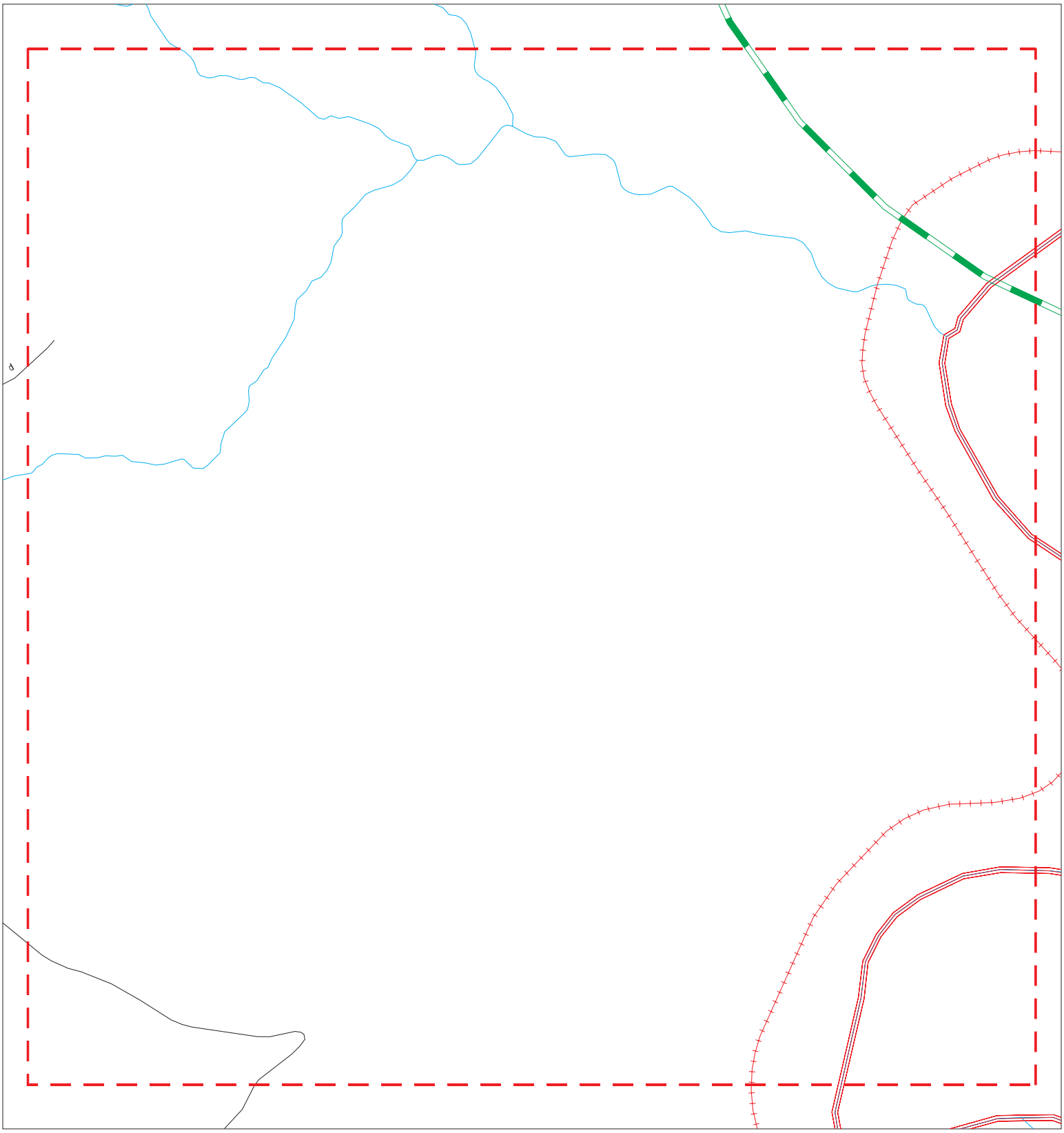
MAPPED SITES SUMMARY - FOCUS MAP 23

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 24 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site	CLIENT: ECS Mid Atlantic, LLC
ADDRESS: New Georges Creek Road	CONTACT: EMILY GRIMES
CITY/STATE: Westernport MD	INQUIRY #: 7496218.9s
ZIP: 21562	DATE: 11/13/23

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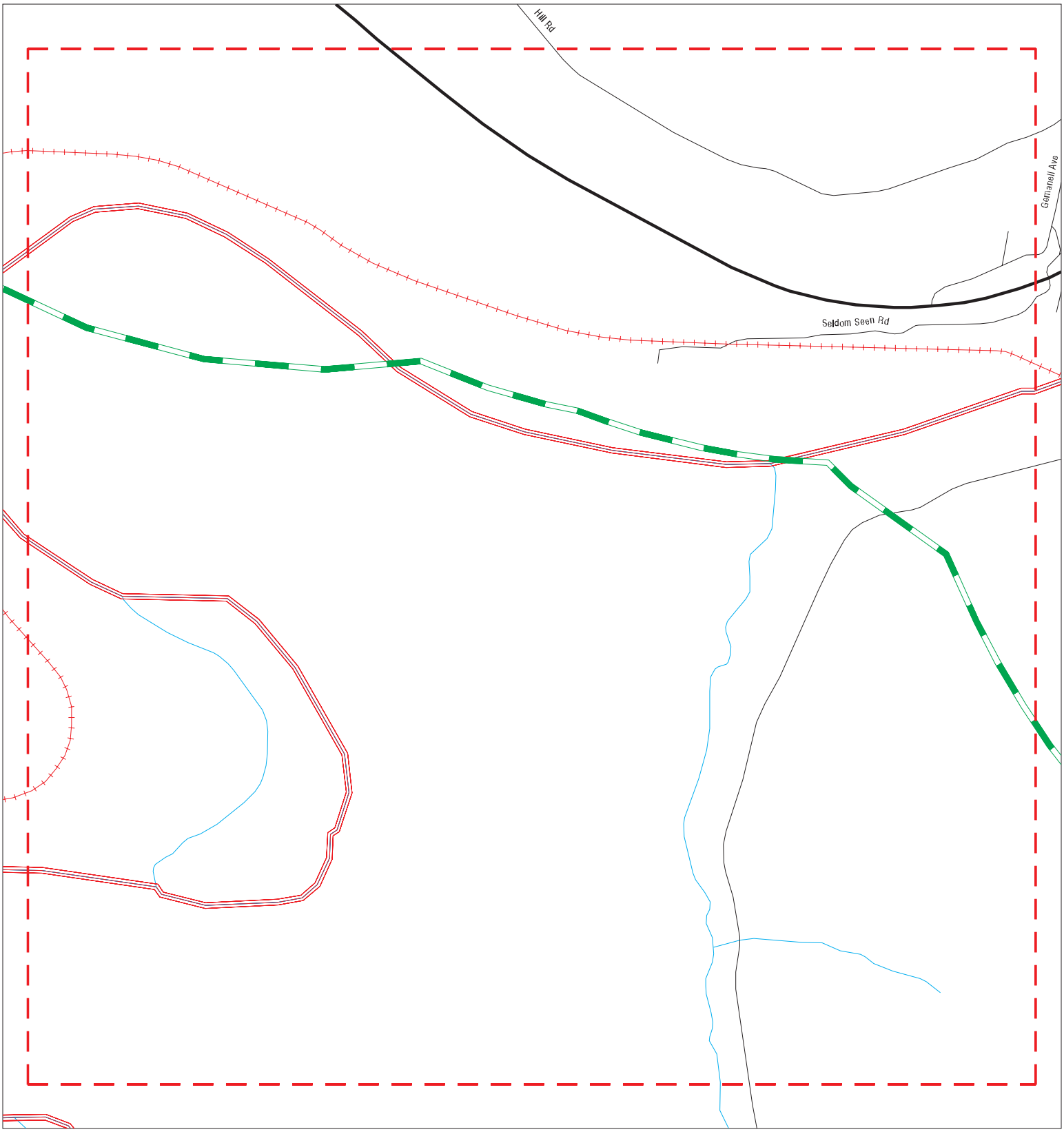
MAPPED SITES SUMMARY - FOCUS MAP 24

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 25 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site	CLIENT: ECS Mid Atlantic, LLC
ADDRESS: New Georges Creek Road	CONTACT: EMILY GRIMES
CITY/STATE: Westernport MD	INQUIRY #: 7496218.9s
ZIP: 21562	DATE: 11/13/23

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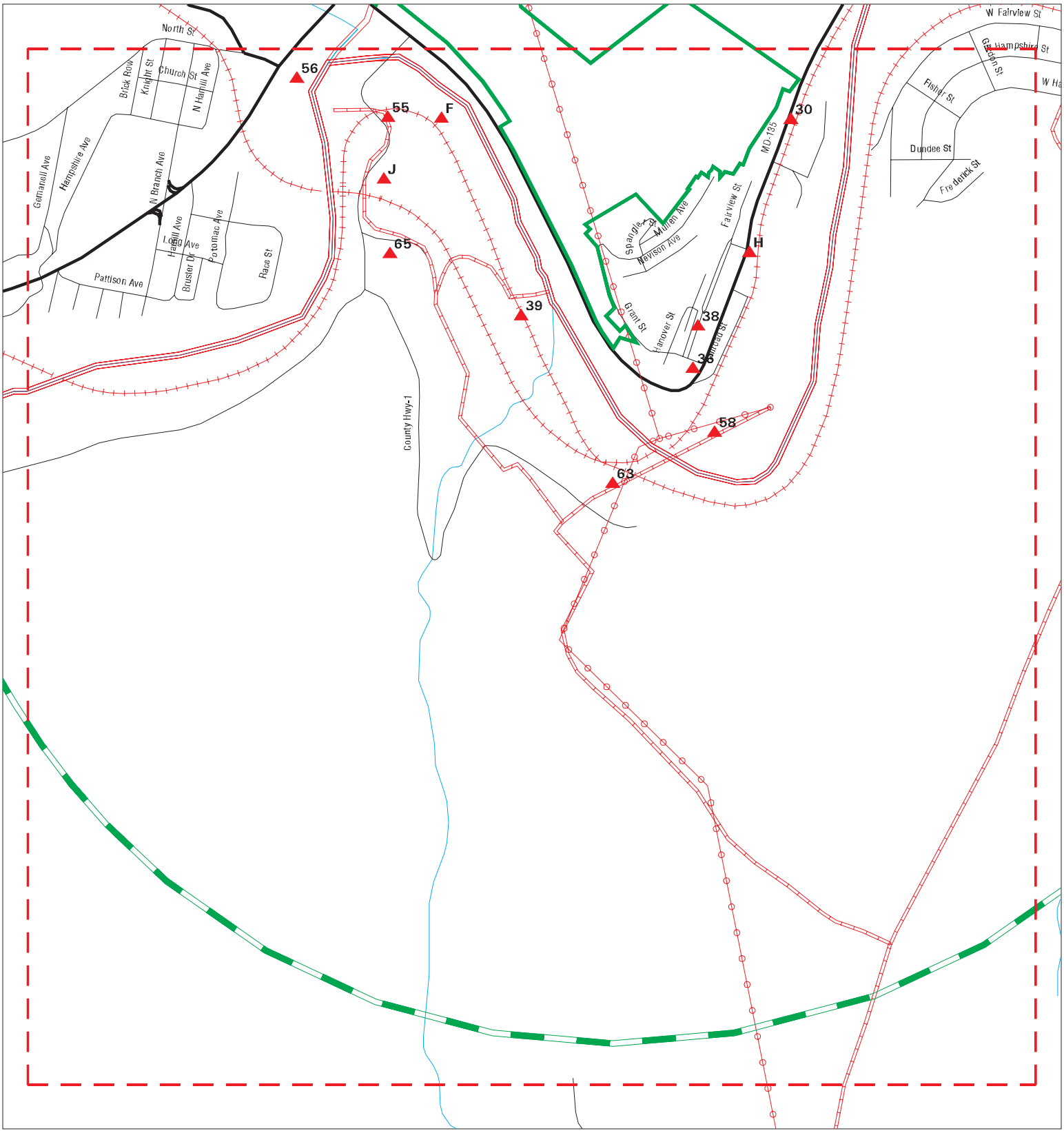
MAPPED SITES SUMMARY - FOCUS MAP 25

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 26 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site	CLIENT: ECS Mid Atlantic, LLC
ADDRESS: New Georges Creek Road	CONTACT: EMILY GRIMES
CITY/STATE: Westernport MD	INQUIRY #: 7496218.9s
ZIP: 21562	DATE: 11/13/23

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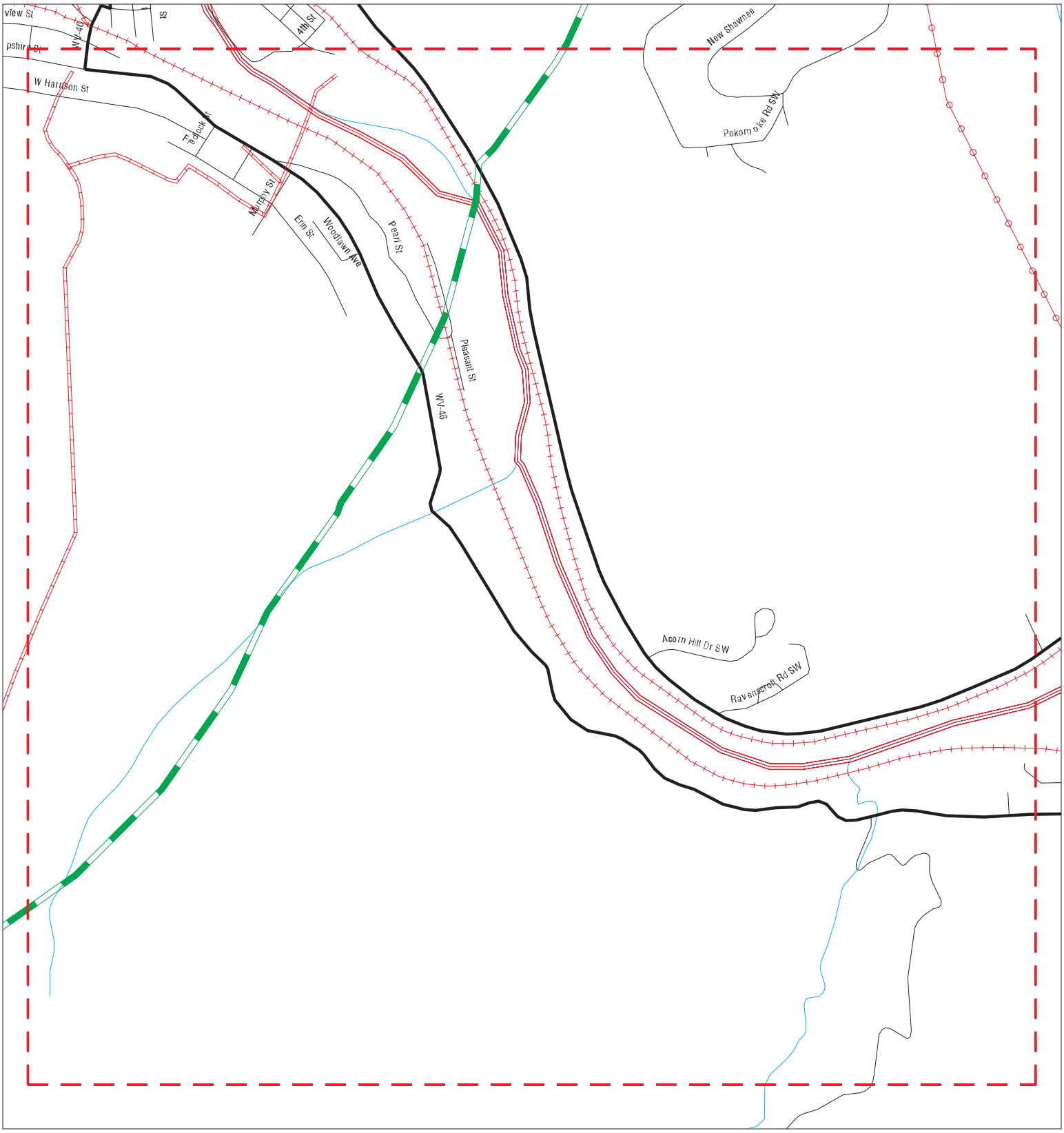
MAPPED SITES SUMMARY - FOCUS MAP 26

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
30 / 26	LUKE EXXON	99 PRATT ST	MD OCPCASES	136	0.026	SE
F34 / 26	BERYL TIPPLE	3924 BERYL ROAD	ABANDONED MINES	413	0.078	SW
F35 / 26	BERYL COAL COMPANY		US MINES	445	0.084	West
36 / 26	TOWN OF LUKE CITY BU	510 GRANT STREET	MD OCPCASES, MD UST, MD Financial Assura...	469	0.089	ESE
38 / 26	FRANKLIN RAIL UNLOAD		PFAS ECHO	487	0.092	ENE
39 / 26	BERYL WOODYARD		PFAS ECHO	500	0.095	WSW
H44 / 26	WESTVACO CORP	300 PRATT STREET	NY MANIFEST	600	0.114	SSE
H45 / 26	WESTVACO CORPORATION	300 PRATT STREET	MD UST, MD Financial Assurance	600	0.114	SSE
H46 / 26	LUKE PAPER CO	300 PRATT ST	RCRA NonGen / NLR, FTTS, HIST FTTS, US A...	600	0.114	SSE
H47 / 26	LUKE PAPER CO	300 PRATT ST	MD PFAS	600	0.114	SSE
H48 / 26	LUKE PAPER COMPANY	300 PRATT ST	MD MANIFEST, MD NPDES	600	0.114	SSE
H49 / 26	LUKE PAPER COMPANY	300 PRATT STREET	MD ENG CONTROLS	600	0.114	SSE
H50 / 26	LUKE MILL	300 PRATT ST	MD HIST UST	600	0.114	SSE
H51 / 26	WESTVACO RESOURCES I	300 PRATT ST	MD OCPCASES, MD HIST UST, MD NPDES	600	0.114	SSE
H52 / 26	VERSO CORPORATION D,	300 PRATT ST	MD PFAS	600	0.114	SSE
H53 / 26	V LUKE LLC	300 PRATT STREET	MD AST	600	0.114	SSE
55 / 26	COAL TIPPLE	ROUTE 6 BOX 6192	US MINES, FINDS, ECHO	708	0.134	SW
56 / 26	BLOOMINGTON WWTP	121 OWENS AVE	MD OCPCASES, MD NPDES	791	0.150	SSW
58 / 26	LUKE PAPER CO		PFAS ECHO	897	0.170	SE
J59 / 26	KINGSFORD MANUFACTUR	ROUTE 46	RCRA NonGen / NLR, ICIS, US AIRS	943	0.179	WSW
J62 / 26	KINGSFORD MANUFACTUR	ROUTE 46	WV AST, WV NPDES	961	0.182	WSW
63 / 26	LUKE PAPER COMPANY	ROUTE 46	WV AST	1018	0.193	South
65 / 26	VERSO LUKE LLC - BER	OLD BERYL ROAD	RCRA NonGen / NLR	1184	0.224	WSW

Focus Map - 27 - 7496218.9s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
Pipe Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Jade 3 Site	CLIENT: ECS Mid Atlantic, LLC
ADDRESS: New Georges Creek Road	CONTACT: EMILY GRIMES
CITY/STATE: Westernport MD	INQUIRY #: 7496218.9s
ZIP: 21562	DATE: 11/13/23

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MAPPED SITES SUMMARY - FOCUS MAP 27

Target Property:
NEW GEORGES CREEK ROAD
WESTERNPORT, MD 21523

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

A1 **STAR MINING, INC.-MACGRUDER PICKALL HILL** **ECHO** **1018104304**
Target **RUSSELL ROAD** **N/A**
Property **BARTON, MD 21521**

Site 1 of 2 in cluster A

Actual: **2576 ft.**

Focus Map: **3**

ECHO:

Envid:	1018104304
Registry ID:	110064243251
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110064243251
Name:	STAR MINING, INC.-MACGRUDER PICKALL HILL
Address:	RUSSELL ROAD
City,State,Zip:	BARTON, MD 21521

A2 **RUSSELL ROAD MINE** **FINDS** **1017808365**
Target **RUSSELL ROAD** **N/A**
Property **BARTON, MD 21521**

Site 2 of 2 in cluster A

Actual: **2576 ft.**

Focus Map: **3**

FINDS:
Registry ID: 110070553946

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). 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.

Registry ID: 110064243251

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). 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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

---

3 **WESTERN AMERICA COAL COMPANY** **US MINES** **1011172174**
Target **N/A**
Property **GARRETT (County), MD**

Actual: **2332 ft.**

Focus Map: **7**

US MINES:

Sic Code(s):	122200
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000

WESTERN AMERICA COAL COMPANY (Continued) **1011172174**

Mine ID:	1800149
Entity Name:	NO 1 STRIP
Company:	WESTERN AMERICA COAL COMPANY
Status:	Permanently Closed
Status Date:	19791001
Operation Class:	1
Number of Shops:	0
Number of Plants:	0
Latitude Degree:	00
Longitude Degree:	000
Latitude Minute:	00
Latitude Seconds:	00
Longitude Minutes:	00
Longitude Seconds:	00
Number of Pits:	000

---

4 **HANSEL DEPOSIT** **MINES MRDS** **1025741005**
Target **N/A**
Property **GARRETT (County), MD**

Actual:
1878 ft.

Focus Map:
7

MINES MRDS:

Name:	HANSEL DEPOSIT
Address:	Not reported
Deposit identification Number:	10267486
City,State,Zip:	MARYLAND
URL:	https://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10267486
MRDS Identification Number:	Not reported
MAS/MILS Identification Number:	0240230010
Region:	NA
Country:	United States
Primary Commodities:	Iron
Secondary Commodities:	Not reported
Tertiary Commodities:	Not reported
Operation Type:	Underground
Deposit Type:	Not reported
Production Size:	Not reported
Development Status:	Past Producer
Ore Minerals or Materials:	Not reported
Gangue Minerals or Materials:	Not reported
Other Minerals or Materials:	Not reported
Ore Body Form:	Not reported
Workings Type:	Not reported
Mineral Deposit Model:	Not reported
Alteration Processes:	Not reported
Concentration Processes:	Not reported
Previous Names:	Not reported
Ore Controls:	Not reported
Reporter:	Eastern Field Operations Center (EFOC)
Host Rock Unit Name:	Not reported
Host Rock Type:	Not reported
Associated Rock Unit Name:	Not reported
Associated Rock Type Code:	Not reported
Structural Characteristics:	Not reported
Tectonic Setting:	Not reported
References:	Not reported
First Production Year:	Not reported
Began Before/After FPY:	Not reported
Last Production Year:	Not reported

HANSEL DEPOSIT (Continued) **1025741005**

Ended Before/After LPY: Not reported
Year Discovered: Not reported
Found Before/After YD: Not reported
Production History: Not reported
Discovery Information: Not reported
Latitude: 39.54943
Longitude: -79.02894

B5 **TRI-STAR MINING** **FINDS** **1007826673**
Target **2274 MICHAEL ROAD** **N/A**
Property **BARTON, MD 21521**

Site 1 of 9 in cluster B

Actual: **2054 ft.**

FINDS:
Registry ID: 110019894453

Focus Map: **6**

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Maryland Permanent Emission (MD-PEMIS) database houses data related to air emissions.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

B6 **TRI-STAR MINING** **ICIS** **1005552373**
Target **2278 MICHAEL ROAD** **US AIRS** **N/A**
Property **MARYLAND, MD 21521**

Site 2 of 9 in cluster B

Actual: **2054 ft.**

ICIS:
Enforcement Action ID: MD000A0000240230009800016
FRS ID: 110011132924
Action Name: TRI-STAR MINING 240230009800016
Facility Name: TRI-STAR MINING
Facility Address: 2278 MICHAEL ROAD
MARYLAND, MD 21521
Enforcement Action Type: Notice of Violation
Facility County: UNDETERMINED
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3273
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 39.545618
Longitude in Decimal Degrees: -79.04562
Permit Type Desc: Not reported
Program System Acronym: MD0000002402300098
Facility NAICS Code: 327320
Tribal Land Code: Not reported

Focus Map: **6**

US AIRS MINOR:
Envid: 1005552373
Region Code: 03

TRI-STAR MINING (Continued) **1005552373**

Programmatic ID: AIR MD0000002402300098
Facility Registry ID: 110011132924
D and B Number: Not reported
Primary SIC Code: 3273
NAICS Code: 327320
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 03
Programmatic ID: AIR MD0000002402300098
Facility Registry ID: 110011132924
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2008-08-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300098
Facility Registry ID: 110011132924
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2009-04-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300098
Facility Registry ID: 110011132924
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2009-11-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300098
Facility Registry ID: 110011132924
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2010-08-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

TRI-STAR MINING (Continued) **1005552373**

Region Code: 03
Programmatic ID: AIR MD0000002402300098
Facility Registry ID: 110011132924
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2011-05-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300098
Facility Registry ID: 110011132924
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2011-08-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300098
Facility Registry ID: 110011132924
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2012-05-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300098
Facility Registry ID: 110011132924
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2013-02-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300098
Facility Registry ID: 110011132924
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2014-06-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

TRI-STAR MINING (Continued) **1005552373**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300098
Facility Registry ID: 110011132924
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2014-08-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300098
Facility Registry ID: 110011132924
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2006-03-14 00:00:00
Activity Status Date: 2006-03-14 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 03
Programmatic ID: AIR MD0000002402300098
Facility Registry ID: 110011132924
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-08-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300098
Facility Registry ID: 110011132924
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-04-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300098
Facility Registry ID: 110011132924
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

TRI-STAR MINING (Continued) **1005552373**

Activity Date: 2009-11-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300098
Facility Registry ID: 110011132924
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-08-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300098
Facility Registry ID: 110011132924
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-05-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300098
Facility Registry ID: 110011132924
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-08-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300098
Facility Registry ID: 110011132924
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-05-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300098
Facility Registry ID: 110011132924

TRI-STAR MINING (Continued) **1005552373**

Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-02-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300098
Facility Registry ID: 110011132924
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-06-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300098
Facility Registry ID: 110011132924
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-08-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300098
Facility Registry ID: 110011132924
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-03-14 00:00:00
Activity Status Date: 2006-03-14 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

B7 **BTC TRUCKING** **US AIRS** **1004527030**
Target **2278 MICHAEL ROAD** **FINDS** **N/A**
Property **BARTON, MD 21521** **ECHO**

Site 3 of 9 in cluster B

Actual: 2054 ft.

Focus Map: 6

US AIRS MINOR:
Envid: 1004527030
Region Code: 03
Programmatic ID: AIR MD0000002402300094
Facility Registry ID: 110001297141
D and B Number: Not reported

BTC TRUCKING (Continued) **1004527030**

Primary SIC Code: 3273
NAICS Code: 327320
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 03
Programmatic ID: AIR MD0000002402300094
Facility Registry ID: 110001297141
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 1998-07-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300094
Facility Registry ID: 110001297141
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 1999-06-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300094
Facility Registry ID: 110001297141
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2009-04-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300094
Facility Registry ID: 110001297141
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2009-11-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300094

BTC TRUCKING (Continued) **1004527030**

Facility Registry ID: 110001297141
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2010-08-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300094
Facility Registry ID: 110001297141
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2011-05-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300094
Facility Registry ID: 110001297141
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2011-08-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300094
Facility Registry ID: 110001297141
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2012-05-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300094
Facility Registry ID: 110001297141
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2013-02-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

BTC TRUCKING (Continued) **1004527030**

Region Code: 03
Programmatic ID: AIR MD0000002402300094
Facility Registry ID: 110001297141
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2014-06-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300094
Facility Registry ID: 110001297141
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2014-08-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300094
Facility Registry ID: 110001297141
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-07-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300094
Facility Registry ID: 110001297141
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-06-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300094
Facility Registry ID: 110001297141
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-04-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

BTC TRUCKING (Continued) **1004527030**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300094
Facility Registry ID: 110001297141
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-11-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300094
Facility Registry ID: 110001297141
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-08-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300094
Facility Registry ID: 110001297141
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Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-05-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300094
Facility Registry ID: 110001297141
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-08-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300094
Facility Registry ID: 110001297141
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

BTC TRUCKING (Continued) **1004527030**

Activity Date: 2012-05-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300094
Facility Registry ID: 110001297141
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-02-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300094
Facility Registry ID: 110001297141
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-06-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300094
Facility Registry ID: 110001297141
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-08-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

FINDS:
Registry ID: 110011132924

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Maryland Department of the Environment (MDE) Environmental Permits Service Center (MD-EPSC) promotes multi-media pollution prevention and provides permit assistance to business and industries.
ICIS-Air (AIR) AIR is the modernization of the Air Facility System (AFS) into the Integrated Compliance Information System (ICIS). AIR contains enforcement, compliance, and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.

BTC TRUCKING (Continued) **1004527030**

The Air Facility System (AFS) contains compliance and permit data for stationary sources of air pollution regulated by the EPA, state, and local air pollution agencies.
MD-TEMPO is Maryland's central repository for all facility data and includes permits, compliance, enforcement activities information needed to ensure the quality of Maryland's air, water, and land resources.
The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). 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.

Registry ID: 110001297141

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Maryland Department of the Environment (MDE) Environmental Permits Service Center (MD-EPSC) promotes multi-media pollution prevention and provides permit assistance to business and industries.
The Air Facility System (AFS) contains compliance and permit data for stationary sources of air pollution regulated by the EPA, state, and local air pollution agencies.
ICIS-Air (AIR) AIR is the modernization of the Air Facility System (AFS) into the Integrated Compliance Information System (ICIS). AIR contains enforcement, compliance, and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.
MD-TEMPO is Maryland's central repository for all facility data and includes permits, compliance, enforcement activities information needed to ensure the quality of Maryland's air, water, and land resources.
The Maryland Permanent Emission (MD-PEMIS) database houses data related to air emissions.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004527030
Registry ID:	110011132924
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110011132924
Name:	TRI-STAR MINING
Address:	2278 MICHAEL ROAD
City,State,Zip:	BARTON, MD 21521

Envid:	1004527030
Registry ID:	110001297141
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001297141
Name:	BTC TRUCKING
Address:	2278 MICHAEL ROAD
City,State,Zip:	BARTON, MD 21521

B8 **BEENER COAL CO / BTC TRUCKING** **MD OCPCASES** **S108474028**
Target **2278 MICHAEL RD** **MD NPDES** **N/A**
Property **BARTON, MD 21521**

Site 4 of 9 in cluster B

Actual:
2054 ft.

Focus Map:
6

OCPCASES:

Name:	BEENER COAL CO / BTC TRUCKING
Address:	2278 MICHAEL RD
City,State,Zip:	BARTON, MD 21521
Facility ID:	9-0477GA
Facility Status/Code:	CLOSED/
Date Open:	08/25/1988
Date Closed:	03/21/1994
Release:	Not reported
Cleanup:	Not reported
Registration Number:	255

NPDES:

Name:	TRI-STAR MINING
Address:	2278 MICHAEL ROAD
City,State,Zip:	BARTON, MD 21521
Facility Status:	History
Bay Trib Number:	Not reported
Watershed:	Not reported
Permit Type:	General Permit
Description:	Not reported
Sic Number:	Not reported
Permit Number:	Not reported
Npdes Number:	MDG499917
App Description:	Not reported
Latitude/Longitude:	Not reported
Last Issued:	08/03/2016
Expiration Date:	08/04/2016
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Received:	Not reported
Comments:	Not reported

AI ID:	20258
Address 2:	Not reported
SIC Description:	Not reported
SIC Code2:	Not reported
SIC Description 2:	Not reported
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	08/03/2016
State Number:	10MM9917
Approval Issued Date:	08/03/2016
Effective End Date:	11/05/2017
Name:	TRI-STAR MINING
Address:	2278 MICHAEL ROAD
City,State,Zip:	BARTON, MD 21521
Facility Status:	History
Bay Trib Number:	Not reported

BEENER COAL CO / BTC TRUCKING (Continued) **S108474028**

Watershed:	Not reported
Permit Type:	General Permit
Description:	Not reported
Sic Number:	Not reported
Permit Number:	Not reported
Npdes Number:	MDG499917
App Description:	Not reported
Latitude/Longitude:	Not reported
Last Issued:	Not reported
Expiration Date:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Received:	Not reported
Comments:	Not reported
AI ID:	20258
Address 2:	Not reported
SIC Description:	Not reported
SIC Code2:	Not reported
SIC Description 2:	Not reported
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	11/05/2017
State Number:	15MM9917
Approval Issued Date:	Not reported
Effective End Date:	Not reported

B9 **JOB #3** **US MINES** **1024912989**
Target Property **2278 MICHAEL ROAD** **N/A**
BARTON, MD 21521

Site 5 of 9 in cluster B

Actual: 2054 ft.

Focus Map: 6

MINES VIOLATIONS:

Name:	JOB #3
Address:	2278 MICHAEL ROAD
City,State,Zip:	BARTON, MD 21521
Facility ID:	Not reported

MINES VIOLATIONS:

Violation Number:	9581901
Mine ID:	1800713
Contractor ID:	Not reported
Date Issued:	1/19/2023
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	1/19/2023
Title 30 Code of Federal Regulations:	71.206(c)(1)
Proposed Penalty:	143.00
Assessment Amount:	143.00
Paid Penalty Amount:	143.00
Assessment Case Status:	Not reported
Assessment Status:	Proposed
Year:	2023

JOB #3 (Continued) **1024912989**

Address Type:	MineLocation
PO Box:	Not reported
Address:	2278 MICHAEL ROAD
City:	BARTON
State:	MD
Operator:	Tri-Star Mining Inc
Zip:	21521
Mine Controller Name:	George R Beener
Name:	JOB #3
Ownership Date:	5/1/1986
Mine Status:	Active
Status Date:	7/3/1986
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	ALLEGANY

Violation Number:	9581902
Mine ID:	1800713
Contractor ID:	Not reported
Date Issued:	1/23/2023
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	1/23/2023
Title 30 Code of Federal Regulations:	71.206(c)(2)
Proposed Penalty:	143.00
Assessment Amount:	143.00
Paid Penalty Amount:	143.00
Assessment Case Status:	Not reported
Assessment Status:	Proposed
Year:	2023
Address Type:	MineLocation
PO Box:	Not reported
Address:	2278 MICHAEL ROAD
City:	BARTON
State:	MD
Operator:	Tri-Star Mining Inc
Zip:	21521
Mine Controller Name:	George R Beener
Name:	JOB #3
Ownership Date:	5/1/1986
Mine Status:	Active
Status Date:	7/3/1986
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	ALLEGANY

Violation Number:	9257968
Mine ID:	1800713
Contractor ID:	Not reported
Date Issued:	7/19/2022
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	7/19/2022

JOB #3 (Continued) **1024912989**

Title 30 Code of Federal Regulations:	77.410(c)
Proposed Penalty:	133.00
Assessment Amount:	133.00
Paid Penalty Amount:	133.00
Assessment Case Status:	Not reported
Assessment Status:	Proposed
Year:	2022
Address Type:	Not reported
PO Box:	Not reported
Address:	Not reported
City:	Not reported
State:	Not reported
Operator:	Tri-Star Mining Inc
Zip:	Not reported
Mine Controller Name:	George R Beener
Name:	JOB #3
Ownership Date:	5/1/1986
Mine Status:	Active
Status Date:	7/3/1986
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	ALLEGANY

Violation Number:	9257969
Mine ID:	1800713
Contractor ID:	Not reported
Date Issued:	7/19/2022
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	7/19/2022
Title 30 Code of Federal Regulations:	77.410(c)
Proposed Penalty:	133.00
Assessment Amount:	133.00
Paid Penalty Amount:	133.00
Assessment Case Status:	Not reported
Assessment Status:	Proposed
Year:	2022
Address Type:	Not reported
PO Box:	Not reported
Address:	Not reported
City:	Not reported
State:	Not reported
Operator:	Tri-Star Mining Inc
Zip:	Not reported
Mine Controller Name:	George R Beener
Name:	JOB #3
Ownership Date:	5/1/1986
Mine Status:	Active
Status Date:	7/3/1986
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	ALLEGANY

Violation Number:	9257970

JOB #3 (Continued) **1024912989**

Mine ID:	1800713
Contractor ID:	Not reported
Date Issued:	7/19/2022
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	7/19/2022
Title 30 Code of Federal Regulations:	77.410(b)
Proposed Penalty:	133.00
Assessment Amount:	133.00
Paid Penalty Amount:	133.00
Assessment Case Status:	Not reported
Assessment Status:	Proposed
Year:	2022
Address Type:	Not reported
PO Box:	Not reported
Address:	Not reported
City:	Not reported
State:	Not reported
Operator:	Tri-Star Mining Inc
Zip:	Not reported
Mine Controller Name:	George R Beener
Name:	JOB #3
Ownership Date:	5/1/1986
Mine Status:	Active
Status Date:	7/3/1986
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	ALLEGANY

Violation Number:	8053744
Mine ID:	1800713
Contractor ID:	Not reported
Date Issued:	03/02/2016
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	03/02/2016
Title 30 Code of Federal Regulations:	77.1103(a)
Proposed Penalty:	334.00
Assessment Amount:	270.00
Paid Penalty Amount:	270.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2016
Address Type:	MineLocation
PO Box:	Not reported
Address:	2278 MICHAEL ROAD
City:	BARTON
State:	MD
Operator:	Tri-Star Mining Inc
Zip:	21521
Mine Controller Name:	George R Beener
Name:	JOB #3
Ownership Date:	05/01/1986
Mine Status:	Active

JOB #3 (Continued) **1024912989**

Status Date:	07/03/1986
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	ALLEGANY
Violation Number:	8053752
Mine ID:	1800713
Contractor ID:	Not reported
Date Issued:	03/23/2016
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	03/23/2016
Title 30 Code of Federal Regulations:	77.1007(b)
Proposed Penalty:	334.00
Assessment Amount:	334.00
Paid Penalty Amount:	0.00
Assessment Case Status:	InContest
Assessment Status:	Received
Year:	2016
Address Type:	MineLocation
PO Box:	Not reported
Address:	2278 MICHAEL ROAD
City:	BARTON
State:	MD
Operator:	Tri-Star Mining Inc
Zip:	21521
Mine Controller Name:	George R Beener
Name:	JOB #3
Ownership Date:	05/01/1986
Mine Status:	Active
Status Date:	07/03/1986
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	ALLEGANY
Violation Number:	8053755
Mine ID:	1800713
Contractor ID:	Not reported
Date Issued:	05/03/2016
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	05/03/2016
Title 30 Code of Federal Regulations:	71.206(a)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Received
Year:	2016
Address Type:	MineLocation
PO Box:	Not reported
Address:	2278 MICHAEL ROAD
City:	BARTON

JOB #3 (Continued) **1024912989**

State:	MD
Operator:	Tri-Star Mining Inc
Zip:	21521
Mine Controller Name:	George R Beener
Name:	JOB #3
Ownership Date:	05/01/1986
Mine Status:	Active
Status Date:	07/03/1986
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	ALLEGANY
Violation Number:	8029247
Mine ID:	1800713
Contractor ID:	Not reported
Date Issued:	01/13/2011
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	01/13/2011
Title 30 Code of Federal Regulations:	72.620
Proposed Penalty:	117.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2011
Address Type:	MineLocation
PO Box:	Not reported
Address:	2278 MICHAEL ROAD
City:	BARTON
State:	MD
Operator:	Tri-Star Mining Inc
Zip:	21521
Mine Controller Name:	George R Beener
Name:	JOB #3
Ownership Date:	05/01/1986
Mine Status:	Active
Status Date:	07/03/1986
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	ALLEGANY
Violation Number:	8029248
Mine ID:	1800713
Contractor ID:	Not reported
Date Issued:	01/13/2011
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	01/13/2011
Title 30 Code of Federal Regulations:	77.502
Proposed Penalty:	117.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00

JOB #3 (Continued) **1024912989**

Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2011
Address Type:	MineLocation
PO Box:	Not reported
Address:	2278 MICHAEL ROAD
City:	BARTON
State:	MD
Operator:	Tri-Star Mining Inc
Zip:	21521
Mine Controller Name:	George R Beener
Name:	JOB #3
Ownership Date:	05/01/1986
Mine Status:	Active
Status Date:	07/03/1986
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	ALLEGANY

Violation Number:	8029250
Mine ID:	1800713
Contractor ID:	Not reported
Date Issued:	01/18/2011
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	01/18/2011
Title 30 Code of Federal Regulations:	77.1109(d)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2011
Address Type:	MineLocation
PO Box:	Not reported
Address:	2278 MICHAEL ROAD
City:	BARTON
State:	MD
Operator:	Tri-Star Mining Inc
Zip:	21521
Mine Controller Name:	George R Beener
Name:	JOB #3
Ownership Date:	05/01/1986
Mine Status:	Active
Status Date:	07/03/1986
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	ALLEGANY

Click this hyperlink while viewing on your computer to access
125 additional US_MINES_VIOLATIONS: record(s) in the EDR Site Report.

B10 Target Property | **TRI-STAR MINING**
2278 MICHAEL RD
BARTON, MD 21521

MD ENG CONTROLS **S109325916**
MD NPDES **N/A**

Site 6 of 9 in cluster B

Actual: 2054 ft.

Focus Map: 6

ENG CONTROLS:

Material:	Double Walled
Material:	No Containment
Material:	Steel

NPDES:

Name:	TRI-STAR MINING
Address:	2278 MICHAEL RD
City,State,Zip:	BARTON, MD 21521
Facility Status:	Not reported
Bay Trib Number:	Not reported
Watershed:	Not reported
Permit Type:	Not reported
Description:	Not reported
Sic Number:	Not reported
Permit Number:	Not reported
Npdes Number:	Not reported
App Description:	Not reported
Latitude/Longitude:	Not reported
Last Issued:	Not reported
Expiration Date:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Received:	Received_July2012
Comments:	Application received for Renewal SPTO for One (1) Coal processing plant
AI ID:	Not reported
Address 2:	Not reported
SIC Description:	Not reported
SIC Code2:	Not reported
SIC Description 2:	Not reported
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	Not reported
State Number:	Not reported
Approval Issued Date:	Not reported
Effective End Date:	Not reported

B11 **BTC TRUCKING, INC.** **MD UST** **U004012384**
Target **2278 MICHAEL ROAD** **MD AST** **N/A**
Property **BARTON, MD 21521** **MD Financial Assurance**

Site 7 of 9 in cluster B

Actual: 2054 ft.

Focus Map: 6

UST:

Facility Id:	255
Oper Name:	George Beener
Form Name:	Carrie Tighe
Form Title:	Secretary
Form Date:	03/17/1997
Owner Id:	211

Owner:

Owner Name:	BTC Trucking, Inc.
Owner Address:	2278 Michael Road
Owner City:	Barton
Owner State:	MD
Owner Zip:	21521
Owner Phone:	(301) 777-3560
Owner Contact:	Carrie Tighe

Tanks:

Tank ID:	1
Tank Status:	**Permanently Out of Use**
Tank Capacity:	10000
Substance Description:	Diesel
Tank Compartment:	False
Compartment Compartment:	A
Date Installed:	01/01/1984
Tank Material Desc:	Asphalt Coated or Bare Steel
Pipe Material Desc:	Bare or Galvanized Steel

Tank ID:	2
Tank Status:	**Permanently Out of Use**
Tank Capacity:	10000
Substance Description:	Other
Tank Compartment:	False
Compartment Compartment:	A
Date Installed:	10/01/1987
Tank Material Desc:	Asphalt Coated or Bare Steel
Pipe Material Desc:	Bare or Galvanized Steel

AST:

Facility Id:	2014-OPT-2193
Name:	BTC TRUCKING, INC.
Address:	2278 MICHAEL ROAD
City,State,Zip:	BARTON, MD 21521
Bill Name:	BTC Trucking, Inc.
Bill Addr:	PO Box 339
Bill Addr2:	Not reported
Bill City/State/Zip:	Barton, MD 21521
Bill Phone:	301-463-6668
Owner:	Not reported
Owner Address:	Not reported
Owner Address2:	Not reported
Owner City State Zip:	Not reported

BTC TRUCKING, INC. (Continued) **U004012384**

Tanks:

Tank ID:	006
Capacity:	30000
Product:	Diesel Fuel
AI ID:	20259
Permit Type:	Oil Operations
Product Description:	30,000-gallon diesel fuel
Owner Phone:	Not reported
Start Date:	12/05/2014
End Date:	12/05/2019
Permit Status:	History
Name:	BTC TRUCKING, INC.
Address:	2278 MICHAEL ROAD
City,State,Zip:	BARTON, MD 21521
Tank ID:	010
Capacity:	10000
Product:	Diesel Fuel
AI ID:	20259
Permit Type:	Oil Operations
Product Description:	10,000-gallon diesel fuel
Owner Phone:	Not reported
Start Date:	12/05/2014
End Date:	12/05/2019
Permit Status:	History
Name:	BTC TRUCKING, INC.
Address:	2278 MICHAEL ROAD
City,State,Zip:	BARTON, MD 21521
Tank ID:	011
Capacity:	10000
Product:	Diesel Fuel
AI ID:	20259
Permit Type:	Oil Operations
Product Description:	10,000-gallon diesel fuel
Owner Phone:	Not reported
Start Date:	12/05/2014
End Date:	12/05/2019
Permit Status:	History
Name:	BTC TRUCKING, INC.
Address:	2278 MICHAEL ROAD
City,State,Zip:	BARTON, MD 21521
Tank ID:	013
Capacity:	10000
Product:	Used Oil
AI ID:	20259
Permit Type:	Oil Operations
Product Description:	10,000-gallon used oil
Owner Phone:	Not reported
Start Date:	12/05/2014
End Date:	12/05/2019
Permit Status:	History

BTC TRUCKING, INC. (Continued) **U004012384**

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: 014
Capacity: 3000
Product: Used Oil
AI ID: 20259
Permit Type: Oil Operations
Product Description: 3,000-gallon used oil
Owner Phone: Not reported
Start Date: 12/05/2014
End Date: 12/05/2019
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: 015
Capacity: 6000
Product: Used Oil
AI ID: 20259
Permit Type: Oil Operations
Product Description: 6,000-gallon used oil
Owner Phone: Not reported
Start Date: 12/05/2014
End Date: 12/05/2019
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: 016
Capacity: 1000
Product: Diesel Fuel
AI ID: 20259
Permit Type: Oil Operations
Product Description: 1,000-gallon diesel fuel
Owner Phone: Not reported
Start Date: 12/05/2014
End Date: 12/05/2019
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: 017
Capacity: 1000
Product: Kerosene
AI ID: 20259
Permit Type: Oil Operations
Product Description: 1,000-gallon kerosene
Owner Phone: Not reported
Start Date: 12/05/2014

BTC TRUCKING, INC. (Continued) **U004012384**

End Date: 12/05/2019
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: 018
Capacity: 275
Product: Transmission Oil
AI ID: 20259
Permit Type: Oil Operations
Product Description: 275-gallon transmission oil
Owner Phone: Not reported
Start Date: 12/05/2014
End Date: 12/05/2019
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: 419-2
Capacity: Not reported
Product: Not reported
AI ID: 20259
Permit Type: Oil Operations
Product Description: 500-gallon motor oil
Owner Phone: Not reported
Start Date: 06/17/2009
End Date: 06/18/2014
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: 419-2/007
Capacity: 550
Product: Motor Oil
AI ID: 20259
Permit Type: Oil Operations
Product Description: 550-gallon motor oil
Owner Phone: Not reported
Start Date: 12/05/2014
End Date: 12/05/2019
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: 419-3
Capacity: Not reported
Product: Not reported
AI ID: 20259
Permit Type: Oil Operations

BTC TRUCKING, INC. (Continued) **U004012384**

Product Description: 500-gallon hydraulic oil
Owner Phone: Not reported
Start Date: 06/17/2009
End Date: 06/18/2014
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: 419-3/008
Capacity: 550
Product: Hydraulic Oil
AI ID: 20259
Permit Type: Oil Operations
Product Description: 550-gallon hydraulic oil
Owner Phone: Not reported
Start Date: 12/05/2014
End Date: 12/05/2019
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: 419-4
Capacity: 50000
Product: N/A
AI ID: 20259
Permit Type: Oil Operations
Product Description: 275-gallon transmission fluid
Owner Phone: Not reported
Start Date: 06/17/2009
End Date: 06/18/2014
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: 419-4
Capacity: 50000
Product: N/A
AI ID: 20259
Permit Type: Oil Operations
Product Description: 275-gallon transmission fluid (not in permit)
Owner Phone: Not reported
Start Date: 12/05/2014
End Date: 12/05/2019
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: 429-2
Capacity: Not reported

BTC TRUCKING, INC. (Continued) **U004012384**

Product: Not reported
AI ID: 20259
Permit Type: Oil Operations
Product Description: 500-gallon hydraulic oil
Owner Phone: Not reported
Start Date: 06/17/2009
End Date: 06/18/2014
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: 429-3
Capacity: Not reported
Product: Not reported
AI ID: 20259
Permit Type: Oil Operations
Product Description: 500-gallon motor oil
Owner Phone: Not reported
Start Date: 06/17/2009
End Date: 06/18/2014
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: 434-2
Capacity: Not reported
Product: Not reported
AI ID: 20259
Permit Type: Oil Operations
Product Description: 550-gallon motor oil
Owner Phone: Not reported
Start Date: 06/17/2009
End Date: 06/18/2014
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: 444-1
Capacity: Not reported
Product: Not reported
AI ID: 20259
Permit Type: Oil Operations
Product Description: 10,000-gallon diesel
Owner Phone: Not reported
Start Date: 06/17/2009
End Date: 06/18/2014
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

BTC TRUCKING, INC. (Continued) **U004012384**

Tank ID: BTC-1
Capacity: Not reported
Product: Not reported
AI ID: 20259
Permit Type: Oil Operations
Product Description: 8,000-gallon diesel
Owner Phone: Not reported
Start Date: 06/17/2009
End Date: 06/18/2014
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: BTC-1/001
Capacity: 8000
Product: Diesel Fuel
AI ID: 20259
Permit Type: Oil Operations
Product Description: 8,000-gallon diesel fuel
Owner Phone: Not reported
Start Date: 12/05/2014
End Date: 12/05/2019
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: BTC-2
Capacity: Not reported
Product: Not reported
AI ID: 20259
Permit Type: Oil Operations
Product Description: 10,000-gallon gasoline
Owner Phone: Not reported
Start Date: 06/17/2009
End Date: 06/18/2014
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: BTC-2/002
Capacity: 10000
Product: Gasoline
AI ID: 20259
Permit Type: Oil Operations
Product Description: 10,000-gallon gasoline
Owner Phone: Not reported
Start Date: 12/05/2014
End Date: 12/05/2019
Permit Status: History

Name: BTC TRUCKING, INC.

BTC TRUCKING, INC. (Continued) **U004012384**

Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: BTC-3
Capacity: Not reported
Product: Not reported
AI ID: 20259
Permit Type: Oil Operations
Product Description: 500-gallon motor oil
Owner Phone: Not reported
Start Date: 06/17/2009
End Date: 06/18/2014
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: BTC-3/003
Capacity: 500
Product: Motor Oil
AI ID: 20259
Permit Type: Oil Operations
Product Description: 500-gallon motor oil
Owner Phone: Not reported
Start Date: 12/05/2014
End Date: 12/05/2019
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: BTC-4
Capacity: Not reported
Product: Not reported
AI ID: 20259
Permit Type: Oil Operations
Product Description: 500-gallon hydraulic oil
Owner Phone: Not reported
Start Date: 06/17/2009
End Date: 06/18/2014
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: BTC-4/004
Capacity: 500
Product: Hydraulic Oil
AI ID: 20259
Permit Type: Oil Operations
Product Description: 500-gallon hydraulic oil
Owner Phone: Not reported
Start Date: 12/05/2014
End Date: 12/05/2019

BTC TRUCKING, INC. (Continued) **U004012384**

Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: BTC-5
Capacity: Not reported
Product: Not reported
AI ID: 20259
Permit Type: Oil Operations
Product Description: 5,000-gallon used oil
Owner Phone: Not reported
Start Date: 06/17/2009
End Date: 06/18/2014
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: BTC-5/005
Capacity: 10000
Product: Diesel Fuel
AI ID: 20259
Permit Type: Oil Operations
Product Description: 10,000-gallon diesel fuel
Owner Phone: Not reported
Start Date: 12/05/2014
End Date: 12/05/2019
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: SQ-1
Capacity: Not reported
Product: Not reported
AI ID: 20259
Permit Type: Oil Operations
Product Description: 3,000-gallons diesel
Owner Phone: Not reported
Start Date: 06/17/2009
End Date: 06/18/2014
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: SQ-1/009
Capacity: 3000
Product: Diesel Fuel
AI ID: 20259
Permit Type: Oil Operations
Product Description: 3,000-gallon diesel fuel

BTC TRUCKING, INC. (Continued) **U004012384**

Owner Phone: Not reported
Start Date: 12/05/2014
End Date: 12/05/2019
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: SQ-2
Capacity: Not reported
Product: Not reported
AI ID: 20259
Permit Type: Oil Operations
Product Description: 10,000-gallon used oil
Owner Phone: Not reported
Start Date: 06/17/2009
End Date: 06/18/2014
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: SQ-2/012
Capacity: 12000
Product: Used Oil
AI ID: 20259
Permit Type: Oil Operations
Product Description: 12,000-gallon used oil
Owner Phone: Not reported
Start Date: 12/05/2014
End Date: 12/05/2019
Permit Status: History

Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521

Tank ID: Not reported
Capacity: Not reported
Product: Not reported
AI ID: 20259
Permit Type: Oil Operations
Product Description: Not reported
Owner Phone: Not reported
Start Date: 06/18/2004
End Date: 06/18/2009
Permit Status: History

MD Financial Assurance 2:
Name: BTC TRUCKING, INC.
Address: 2278 MICHAEL ROAD
City,State,Zip: BARTON, MD 21521
Region: 2
Facility ID: 255
Self Insured: False

BTC TRUCKING, INC. (Continued) **U004012384**

Insurance:	False
Risk Retention Group:	False
Guarantee:	False
Surety Bonds:	False
Letter of Credit:	False
State Fund:	False
Other Finance:	False
Finacnce Comments:	Not reported
FR Not Listed:	False

B12 **MD AIRS** **S126112401**
Target Property **2278 MICHAEL ROAD**
BARTON, MD 21521 **N/A**

Site 8 of 9 in cluster B

Actual: **2054 ft.**

Focus Map: **6**

AIRS:

Name:	Not reported
Address:	2278 MICHAEL ROAD
City,State,Zip:	BARTON, MD 21521
Permit Number:	023-00098
Permit Type:	5-YEAR P/O
Owner Name:	TRI-STAR MINING, INC.
Owner Address:	2278 MICHAEL ROAD
Owner Address 2:	Not reported
Owner City,St,Zip:	BARTON, MD 21521
Issued Date:	9/26/2022
Expiration Date:	8/31/2027
Mail Name:	GEORGE BEENER
Mail Title:	PRESIDENT
PO Contact Number:	B07209
Title V:	Not reported
Title V Certification:	Not reported
Source Description:	COAL PREPARATION PLANT
Nitrogen:	Not reported
Volatile Organic Compound:	Not reported
Sulfur Dioxide:	Not reported
Particulate Matter:	Not reported
Hazardous Air Pollutants:	Not reported
Carbon Monoxide:	Not reported
Carbon Dioxide:	Not reported
PM Condensable:	Not reported
Year:	Not reported
PT:	Not reported
PM 2.5:	Not reported
Methane:	Not reported
Mercury:	Not reported
BCRI:	Not reported
BHAP:	Not reported

B13 **MD AIRS** **S126112400**
Target Property **2278 MICHAEL ROAD**
BARTON, MD 21521 **N/A**

Site 9 of 9 in cluster B

Actual: 2054 ft.

Focus Map: 6

AIRS:

Name:	Not reported
Address:	2278 MICHAEL ROAD
City,State,Zip:	BARTON, MD 21521
Permit Number:	023-00094
Permit Type:	5-YEAR P/O
Owner Name:	BTC TRUCKING, INC.
Owner Address:	2278 MICHAEL ROAD
Owner Address 2:	P.O. BOX 339
Owner City,St,Zip:	BARTON, MD 21521
Issued Date:	8/17/2018
Expiration Date:	6/30/2023
Mail Name:	HOLLY A. NEWMAN
Mail Title:	REPRESENTATIVE-TRI-STAR
PO Contact Number:	B05512
Title V:	Not reported
Title V Certification:	Not reported
Source Description:	LIMESTONE/SANDSTONE CRUSHING & SCREENING PLANT
Nitrogen:	Not reported
Volatile Organic Compound:	Not reported
Sulfur Dioxide:	Not reported
Particulate Matter:	Not reported
Hazardous Air Pollutants:	Not reported
Carbon Monoxide:	Not reported
Carbon Dioxide:	Not reported
PM Condensable:	Not reported
Year:	Not reported
PT:	Not reported
PM 2.5:	Not reported
Methane:	Not reported
Mercury:	Not reported
BCRI:	Not reported
BHAP:	Not reported

---

14 **TRI-STAR MINING INC** **US MINES** **1016486042**
Target Property **ALLEGANY (County), MD** **N/A**

Actual: 1930 ft.

Focus Map: 7

US MINES:

Sic Code(s):	122200
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Mine ID:	1800713
Entity Name:	JOB #3
Company:	TRI-STAR MINING INC
Status:	Active
Status Date:	19860703
Operation Class:	1
Number of Shops:	0
Number of Plants:	0

TRI-STAR MINING INC (Continued) **1016486042**

Latitude Degree:	39
Longitude Degree:	079
Latitude Minute:	32
Latitude Seconds:	42
Longitude Minutes:	02
Longitude Seconds:	43
Number of Pits:	002

---

15 **TRI-STAR MINING QUARRY OPERAT.** **FINDS** **1006822762**
Target Property **1.9 MI.N.E. OF BARTON MD** **ECHO** **N/A**
BARTON, MD 21521

Actual: 2053 ft.

Focus Map: 12

FINDS:
Registry ID: 110013810787

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). 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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1006822762
Registry ID:	110013810787
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110013810787
Name:	TRI-STAR MINING QUARRY OPERAT.
Address:	1.9 MI.N.E. OF BARTON MD
City,State,Zip:	BARTON, MD 21521

---

16 **TRI-STAR MINING, INC.** **FINDS** **1010027067**
Target Property **WEST OF BARTON** **ECHO** **N/A**
BARTON, MD 21521

Actual: 2069 ft.

Focus Map: 12

FINDS:
Registry ID: 110028105565

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Maryland Department of the Environment (MDE) Environmental Permits Service Center (MD-EPSC) promotes multi-media pollution prevention and provides permit assistance to business and industries.
The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). 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.

TRI-STAR MINING, INC. (Continued) **1010027067**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1010027067
Registry ID:	110028105565
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110028105565
Name:	TRI-STAR MINING, INC.
Address:	WEST OF BARTON
City,State,Zip:	BARTON, MD 21521

---

17 **TRI-STAR MINING,INC.** **FINDS** **1005655260**
Target **UNKNOWN** **ECHO** **N/A**
Property **ALLEGANY (County), MD 00000**

Actual:
1803 ft.

Focus Map:
12

FINDS:
Registry ID: 110011133415

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). 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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1005655260
Registry ID:	110011133415
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110011133415
Name:	TRI-STAR MINING,INC.
Address:	UNKNOWN
City,State,Zip:	MD 00000

---

18 **GINNIMAN COAL COMPANY** **US MINES** **1016485936**
Target **N/A**
Property **ALLEGANY (County), MD**

Actual:
1660 ft.

Focus Map:
17

US MINES:

Sic Code(s):	122200
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Mine ID:	1800331
Entity Name:	GINNIMAN STRIP
Company:	GINNIMAN COAL COMPANY
Status:	Permanently Closed
Status Date:	19750826
Operation Class:	1

GINNIMAN COAL COMPANY (Continued) **1016485936**

Number of Shops:	0
Number of Plants:	0
Latitude Degree:	00
Longitude Degree:	000
Latitude Minute:	00
Latitude Seconds:	00
Longitude Minutes:	00
Longitude Seconds:	00
Number of Pits:	000

C19 **TAYLOR LOWER BAKERSTOWN** **US MINES** **1024913037**
Target **3834 WESTERNPORT ROAD** **N/A**
Property **WESTERNPORT, MD 21562**

Site 1 of 5 in cluster C

Actual: **1819 ft.**

Focus Map: **15**

MINES VIOLATIONS:

Name:	TAYLOR LOWER BAKERSTOWN
Address:	3834 WESTERNPORT ROAD
City,State,Zip:	WESTERNPORT, MD 21562
Facility ID:	Not reported

MINES VIOLATIONS:

Violation Number:	9258149
Mine ID:	1800791
Contractor ID:	Not reported
Date Issued:	3/14/2023
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	3/21/2023
Title 30 Code of Federal Regulations:	77.1605(d)
Proposed Penalty:	143.00
Assessment Amount:	143.00
Paid Penalty Amount:	0.00
Assessment Case Status:	Not reported
Assessment Status:	Proposed
Year:	2023
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR LOWER BAKERSTOWN
Ownership Date:	2/20/2013
Mine Status:	Active
Status Date:	8/16/2022
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	GARRETT

Violation Number:	9258150
Mine ID:	1800791
Contractor ID:	Not reported

TAYLOR LOWER BAKERSTOWN (Continued) **1024913037**

Date Issued:	3/14/2023
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	3/21/2023
Title 30 Code of Federal Regulations:	77.404(a)
Proposed Penalty:	143.00
Assessment Amount:	143.00
Paid Penalty Amount:	0.00
Assessment Case Status:	Not reported
Assessment Status:	Proposed
Year:	2023
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR LOWER BAKERSTOWN
Ownership Date:	2/20/2013
Mine Status:	Active
Status Date:	8/16/2022
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	GARRETT

Violation Number:	9258151
Mine ID:	1800791
Contractor ID:	Not reported
Date Issued:	3/14/2023
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	3/21/2023
Title 30 Code of Federal Regulations:	77.1606(a)
Proposed Penalty:	143.00
Assessment Amount:	143.00
Paid Penalty Amount:	0.00
Assessment Case Status:	Not reported
Assessment Status:	Proposed
Year:	2023
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR LOWER BAKERSTOWN
Ownership Date:	2/20/2013
Mine Status:	Active
Status Date:	8/16/2022
Primary Site Description:	Coal (Bituminous)

TAYLOR LOWER BAKERSTOWN (Continued) **1024913037**

Mine Type:	Surface
State 2:	MD
County:	GARRETT
Violation Number:	9258189
Mine ID:	1800791
Contractor ID:	Not reported
Date Issued:	3/21/2023
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	3/21/2023
Title 30 Code of Federal Regulations:	77.1102
Proposed Penalty:	143.00
Assessment Amount:	143.00
Paid Penalty Amount:	0.00
Assessment Case Status:	Not reported
Assessment Status:	Proposed
Year:	2023
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR LOWER BAKERSTOWN
Ownership Date:	2/20/2013
Mine Status:	Active
Status Date:	8/16/2022
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	GARRETT
Violation Number:	9256310
Mine ID:	1800791
Contractor ID:	Not reported
Date Issued:	12/1/2022
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	12/1/2022
Title 30 Code of Federal Regulations:	71.206(c)(2)
Proposed Penalty:	133.00
Assessment Amount:	133.00
Paid Penalty Amount:	0.00
Assessment Case Status:	Not reported
Assessment Status:	Proposed
Year:	2022
Address Type:	Not reported
PO Box:	Not reported
Address:	Not reported
City:	Not reported
State:	Not reported
Operator:	ARJ Construction Company

TAYLOR LOWER BAKERSTOWN (Continued) **1024913037**

Zip:	Not reported
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR LOWER BAKERSTOWN
Ownership Date:	2/20/2013
Mine Status:	Active
Status Date:	8/16/2022
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	GARRETT
Violation Number:	9182061
Mine ID:	1800791
Contractor ID:	Not reported
Date Issued:	9/18/2018
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	9/18/2018
Title 30 Code of Federal Regulations:	Not reported
Proposed Penalty:	197.00
Assessment Amount:	197.00
Paid Penalty Amount:	0.00
Assessment Case Status:	Received
Assessment Status:	Proposed
Year:	2018
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR LOWER BAKERSTOWN
Ownership Date:	2/20/2013
Mine Status:	TempIdle
Status Date:	10/29/2018
Primary Site Description:	Coal (Bituminous)
Mine Type:	Underground
State 2:	MD
County:	GARRETT
Violation Number:	9121452
Mine ID:	1800791
Contractor ID:	Not reported
Date Issued:	7/5/2018
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	7/5/2018
Title 30 Code of Federal Regulations:	75.202(a)
Proposed Penalty:	118.00
Assessment Amount:	118.00
Paid Penalty Amount:	118.00
Assessment Case Status:	Closed
Assessment Status:	Proposed

TAYLOR LOWER BAKERSTOWN (Continued) **1024913037**

Year:	2018
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR LOWER BAKERSTOWN
Ownership Date:	2/20/2013
Mine Status:	TempIdle
Status Date:	10/29/2018
Primary Site Description:	Coal (Bituminous)
Mine Type:	Underground
State 2:	MD
County:	GARRETT

Violation Number:	9121453
Mine ID:	1800791
Contractor ID:	Not reported
Date Issued:	7/5/2018
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	7/5/2018
Title 30 Code of Federal Regulations:	75.601-1
Proposed Penalty:	118.00
Assessment Amount:	118.00
Paid Penalty Amount:	118.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2018
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR LOWER BAKERSTOWN
Ownership Date:	2/20/2013
Mine Status:	TempIdle
Status Date:	10/29/2018
Primary Site Description:	Coal (Bituminous)
Mine Type:	Underground
State 2:	MD
County:	GARRETT

Violation Number:	9121454
Mine ID:	1800791
Contractor ID:	Not reported
Date Issued:	7/18/2018
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N

TAYLOR LOWER BAKERSTOWN (Continued) **1024913037**

Term Date:	7/18/2018
Title 30 Code of Federal Regulations:	77.208(d)
Proposed Penalty:	118.00
Assessment Amount:	118.00
Paid Penalty Amount:	0.00
Assessment Case Status:	Received
Assessment Status:	Proposed
Year:	2018
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR LOWER BAKERSTOWN
Ownership Date:	2/20/2013
Mine Status:	TempIdle
Status Date:	10/29/2018
Primary Site Description:	Coal (Bituminous)
Mine Type:	Underground
State 2:	MD
County:	GARRETT

Violation Number:	9121455
Mine ID:	1800791
Contractor ID:	Not reported
Date Issued:	7/30/2018
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	7/30/2018
Title 30 Code of Federal Regulations:	77.502
Proposed Penalty:	243.00
Assessment Amount:	243.00
Paid Penalty Amount:	0.00
Assessment Case Status:	Received
Assessment Status:	Proposed
Year:	2018
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR LOWER BAKERSTOWN
Ownership Date:	2/20/2013
Mine Status:	TempIdle
Status Date:	10/29/2018
Primary Site Description:	Coal (Bituminous)
Mine Type:	Underground
State 2:	MD
County:	GARRETT

TAYLOR LOWER BAKERSTOWN (Continued) **1024913037**

Violation Number:	9121456
Mine ID:	1800791
Contractor ID:	Not reported
Date Issued:	7/30/2018
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	7/30/2018
Title 30 Code of Federal Regulations:	77.1103(d)
Proposed Penalty:	118.00
Assessment Amount:	118.00
Paid Penalty Amount:	0.00
Assessment Case Status:	Received
Assessment Status:	Proposed
Year:	2018
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR LOWER BAKERSTOWN
Ownership Date:	2/20/2013
Mine Status:	TempIdle
Status Date:	10/29/2018
Primary Site Description:	Coal (Bituminous)
Mine Type:	Underground
State 2:	MD
County:	GARRETT

Click this hyperlink while viewing on your computer to access
59 additional US_MINES_VIOLATIONS: record(s) in the EDR Site Report.

C20 **TAYLOR HIGHWALL MINE** **US MINES** **1024913039**
Target **3834 WESTERNPORT ROAD** **ABANDONED MINES** **N/A**
Property **WESTERNPORT, MD 21562**

Site 2 of 5 in cluster C

Actual:
1819 ft.

Focus Map:
15

MINES VIOLATIONS:

Name:	TAYLOR HIGHWALL MINE
Address:	3834 WESTERNPORT ROAD
City,State,Zip:	WESTERNPORT, MD 21562
Facility ID:	Not reported

MINES VIOLATIONS:

Violation Number:	8053751
Mine ID:	1800794
Contractor ID:	Not reported
Date Issued:	03/22/2016
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	03/22/2016
Title 30 Code of Federal Regulations:	77.1109(c)(1)

TAYLOR HIGHWALL MINE (Continued) **1024913039**

Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2016
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR HIGHWALL MINE
Ownership Date:	12/30/2013
Mine Status:	Active
Status Date:	03/10/2014
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	GARRETT

Violation Number:	8051052
Mine ID:	1800794
Contractor ID:	Not reported
Date Issued:	01/13/2014
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	01/16/2014
Title 30 Code of Federal Regulations:	77.410(c)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2014
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR HIGHWALL MINE
Ownership Date:	12/30/2013
Mine Status:	Active
Status Date:	03/10/2014
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	GARRETT

Violation Number:	9121259
Mine ID:	1800794

TAYLOR HIGHWALL MINE (Continued) **1024913039**

Contractor ID:	Not reported
Date Issued:	10/25/2017
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	11/1/2017
Title 30 Code of Federal Regulations:	71.403(c)
Proposed Penalty:	116.00
Assessment Amount:	116.00
Paid Penalty Amount:	116.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2017
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR HIGHWALL MINE
Ownership Date:	12/30/2013
Mine Status:	Active
Status Date:	3/10/2014
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	GARRETT

Violation Number:	9121320
Mine ID:	1800794
Contractor ID:	Not reported
Date Issued:	10/25/2017
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	10/25/2017
Title 30 Code of Federal Regulations:	77.205(b)
Proposed Penalty:	173.00
Assessment Amount:	173.00
Paid Penalty Amount:	173.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2017
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR HIGHWALL MINE
Ownership Date:	12/30/2013
Mine Status:	Active
Status Date:	3/10/2014

TAYLOR HIGHWALL MINE (Continued) **1024913039**

Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	GARRETT
Violation Number:	9121321
Mine ID:	1800794
Contractor ID:	Not reported
Date Issued:	10/25/2017
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	10/25/2017
Title 30 Code of Federal Regulations:	77.1001
Proposed Penalty:	116.00
Assessment Amount:	116.00
Paid Penalty Amount:	116.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2017
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR HIGHWALL MINE
Ownership Date:	12/30/2013
Mine Status:	Active
Status Date:	3/10/2014
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	GARRETT
Violation Number:	9121322
Mine ID:	1800794
Contractor ID:	Not reported
Date Issued:	12/4/2017
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	12/4/2017
Title 30 Code of Federal Regulations:	77.1110
Proposed Penalty:	116.00
Assessment Amount:	116.00
Paid Penalty Amount:	116.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2017
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD

TAYLOR HIGHWALL MINE (Continued) **1024913039**

Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR HIGHWALL MINE
Ownership Date:	12/30/2013
Mine Status:	Active
Status Date:	3/10/2014
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	GARRETT
Violation Number:	8046642
Mine ID:	1800794
Contractor ID:	Not reported
Date Issued:	04/14/2014
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	04/21/2014
Title 30 Code of Federal Regulations:	77.410(b)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2014
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR HIGHWALL MINE
Ownership Date:	12/30/2013
Mine Status:	Active
Status Date:	03/10/2014
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	GARRETT
Violation Number:	8046643
Mine ID:	1800794
Contractor ID:	Not reported
Date Issued:	04/14/2014
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	04/21/2014
Title 30 Code of Federal Regulations:	77.1605(d)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed

TAYLOR HIGHWALL MINE (Continued) **1024913039**

Assessment Status:	Closed
Year:	2014
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR HIGHWALL MINE
Ownership Date:	12/30/2013
Mine Status:	Active
Status Date:	03/10/2014
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	GARRETT

Violation Number:	8046644
Mine ID:	1800794
Contractor ID:	Not reported
Date Issued:	04/14/2014
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	04/15/2014
Title 30 Code of Federal Regulations:	77.1000
Proposed Penalty:	127.00
Assessment Amount:	127.00
Paid Penalty Amount:	127.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2014
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR HIGHWALL MINE
Ownership Date:	12/30/2013
Mine Status:	Active
Status Date:	03/10/2014
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	GARRETT

Violation Number:	8046645
Mine ID:	1800794
Contractor ID:	Not reported
Date Issued:	04/14/2014
Action Type:	104(a)
Type of Issue:	Citation

TAYLOR HIGHWALL MINE (Continued) **1024913039**

S and S:	Y
Term Date:	04/15/2014
Title 30 Code of Federal Regulations:	77.1605(k)
Proposed Penalty:	127.00
Assessment Amount:	127.00
Paid Penalty Amount:	127.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2014
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR HIGHWALL MINE
Ownership Date:	12/30/2013
Mine Status:	Active
Status Date:	03/10/2014
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	GARRETT

Violation Number:	8046646
Mine ID:	1800794
Contractor ID:	Not reported
Date Issued:	04/15/2014
Action Type:	104(g)(1)
Type of Issue:	Order
S and S:	Y
Term Date:	04/21/2014
Title 30 Code of Federal Regulations:	48.28
Proposed Penalty:	142.00
Assessment Amount:	142.00
Paid Penalty Amount:	142.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2014
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR HIGHWALL MINE
Ownership Date:	12/30/2013
Mine Status:	Active
Status Date:	03/10/2014
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	GARRETT

TAYLOR HIGHWALL MINE (Continued) **1024913039**

Click this hyperlink while viewing on your computer to access
35 additional US_MINES_VIOLATIONS: record(s) in the EDR Site Report.

ABANDONED MINES:

Mine ID:	1800794
Mine Name:	TAYLOR HIGHWALL MINE
Mine Address:	3834 WESTERNPORT ROAD
City,State,Zip:	WESTERNPORT, MD 21562
Primary SIC Code:	Coal (Bituminous)
Mine Type:	Surface
Mine Status Description:	Abandoned
Mine Status Date:	1/9/2023
Coal (C) or Metal (M) Mine:	C
Controller ID:	C14197
Controller Name:	Freddie A Taylor
Operator ID:	0051107
Operator name:	ARJ Construction Company
Address of Record Street:	3834 Westernport Road
Address of Record PO Box:	Not reported
Address of Record City:	Westernport
Address of Record State:	MD
Address of Record Zip Code:	21562
Assessment Address Street:	3834 Westernport Road
Assessment Address PO Box:	Not reported
Assessment Address City:	Westernport
Assessment Address State:	MD
Assessment Address Zip Code:	21562
Mine Health and Safety Address Street:	3834 Westernport Road
Mine Health and Safety Address PO Box:	Not reported
Mine Health and Safety Address City:	Westernport
Mine Health and Safety Address State:	MD
Mine Health and Safety Address Zip Code:	Not reported
Latitude:	39.509722
Longitude:	-79.098889

C21 **JACKSON MOUNTAIN** **US MINES** **1025959195**
Target **3834 WESTERNPORT ROAD** **N/A**
Property **WESTERNPORT, MD 21562**

Site 3 of 5 in cluster C

Actual: 1819 ft.
Focus Map: 15

MINES VIOLATIONS:

Name:	JACKSON MOUNTAIN
Address:	3834 WESTERNPORT ROAD
City,State,Zip:	WESTERNPORT, MD 21562
Facility ID:	Not reported

MINES VIOLATIONS:

Violation Number:	9580479
Mine ID:	1800805
Contractor ID:	Not reported
Date Issued:	3/15/2023
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	3/21/2023
Title 30 Code of Federal Regulations:	77.1606(c)

JACKSON MOUNTAIN (Continued) **1025959195**

Proposed Penalty:	143.00
Assessment Amount:	143.00
Paid Penalty Amount:	0.00
Assessment Case Status:	Not reported
Assessment Status:	Proposed
Year:	2023
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	JACKSON MOUNTAIN
Ownership Date:	10/6/2017
Mine Status:	Active
Status Date:	1/2/2020
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	ALLEGANY

Violation Number:	9580480
Mine ID:	1800805
Contractor ID:	Not reported
Date Issued:	3/15/2023
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	3/15/2023
Title 30 Code of Federal Regulations:	77.1606(a)
Proposed Penalty:	143.00
Assessment Amount:	143.00
Paid Penalty Amount:	0.00
Assessment Case Status:	Not reported
Assessment Status:	Proposed
Year:	2023
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	JACKSON MOUNTAIN
Ownership Date:	10/6/2017
Mine Status:	Active
Status Date:	1/2/2020
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	ALLEGANY

Violation Number:	9256151
Mine ID:	1800805

JACKSON MOUNTAIN (Continued) **1025959195**

Contractor ID:	Not reported
Date Issued:	1/31/2022
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	1/31/2022
Title 30 Code of Federal Regulations:	71.206(c)(1)
Proposed Penalty:	133.00
Assessment Amount:	133.00
Paid Penalty Amount:	133.00
Assessment Case Status:	Not reported
Assessment Status:	Proposed
Year:	2022
Address Type:	Not reported
PO Box:	Not reported
Address:	Not reported
City:	Not reported
State:	Not reported
Operator:	ARJ Construction Company
Zip:	Not reported
Mine Controller Name:	Freddie A Taylor
Name:	JACKSON MOUNTAIN
Ownership Date:	10/6/2017
Mine Status:	Active
Status Date:	1/2/2020
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	ALLEGANY

Violation Number:	9256283
Mine ID:	1800805
Contractor ID:	Not reported
Date Issued:	6/7/2022
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	6/7/2022
Title 30 Code of Federal Regulations:	71.206(c)(2)
Proposed Penalty:	133.00
Assessment Amount:	133.00
Paid Penalty Amount:	133.00
Assessment Case Status:	Not reported
Assessment Status:	Proposed
Year:	2022
Address Type:	Not reported
PO Box:	Not reported
Address:	Not reported
City:	Not reported
State:	Not reported
Operator:	ARJ Construction Company
Zip:	Not reported
Mine Controller Name:	Freddie A Taylor
Name:	JACKSON MOUNTAIN
Ownership Date:	10/6/2017
Mine Status:	Active
Status Date:	1/2/2020

JACKSON MOUNTAIN (Continued) **1025959195**

Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	ALLEGANY
Violation Number:	9256284
Mine ID:	1800805
Contractor ID:	Not reported
Date Issued:	6/7/2022
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	6/7/2022
Title 30 Code of Federal Regulations:	71.206(c)(1)
Proposed Penalty:	133.00
Assessment Amount:	133.00
Paid Penalty Amount:	133.00
Assessment Case Status:	Not reported
Assessment Status:	Proposed
Year:	2022
Address Type:	Not reported
PO Box:	Not reported
Address:	Not reported
City:	Not reported
State:	Not reported
Operator:	ARJ Construction Company
Zip:	Not reported
Mine Controller Name:	Freddie A Taylor
Name:	JACKSON MOUNTAIN
Ownership Date:	10/6/2017
Mine Status:	Active
Status Date:	1/2/2020
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	ALLEGANY
Violation Number:	9256306
Mine ID:	1800805
Contractor ID:	Not reported
Date Issued:	11/15/2022
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	11/15/2022
Title 30 Code of Federal Regulations:	71.206(c)(1)
Proposed Penalty:	133.00
Assessment Amount:	133.00
Paid Penalty Amount:	0.00
Assessment Case Status:	Not reported
Assessment Status:	Proposed
Year:	2022
Address Type:	Not reported
PO Box:	Not reported
Address:	Not reported
City:	Not reported
State:	Not reported

JACKSON MOUNTAIN (Continued) **1025959195**

Operator:	ARJ Construction Company
Zip:	Not reported
Mine Controller Name:	Freddie A Taylor
Name:	JACKSON MOUNTAIN
Ownership Date:	10/6/2017
Mine Status:	Active
Status Date:	1/2/2020
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	ALLEGANY
Violation Number:	9257728
Mine ID:	1800805
Contractor ID:	Not reported
Date Issued:	4/6/2022
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	5/9/2022
Title 30 Code of Federal Regulations:	72.100(d)
Proposed Penalty:	133.00
Assessment Amount:	133.00
Paid Penalty Amount:	133.00
Assessment Case Status:	Not reported
Assessment Status:	Proposed
Year:	2022
Address Type:	Not reported
PO Box:	Not reported
Address:	Not reported
City:	Not reported
State:	Not reported
Operator:	ARJ Construction Company
Zip:	Not reported
Mine Controller Name:	Freddie A Taylor
Name:	JACKSON MOUNTAIN
Ownership Date:	10/6/2017
Mine Status:	Active
Status Date:	1/2/2020
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	ALLEGANY
Violation Number:	9187052
Mine ID:	1800805
Contractor ID:	Not reported
Date Issued:	11/21/2019
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	11/21/2019
Title 30 Code of Federal Regulations:	77.1605(l)
Proposed Penalty:	132.00
Assessment Amount:	132.00
Paid Penalty Amount:	132.00
Assessment Case Status:	Closed

JACKSON MOUNTAIN (Continued) **1025959195**

Assessment Status:	Proposed
Year:	2019
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	JACKSON MOUNTAIN
Ownership Date:	10/6/2017
Mine Status:	Active
Status Date:	1/2/2020
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	ALLEGANY

Violation Number:	9187053
Mine ID:	1800805
Contractor ID:	Not reported
Date Issued:	11/21/2019
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	11/25/2019
Title 30 Code of Federal Regulations:	77.1001
Proposed Penalty:	132.00
Assessment Amount:	132.00
Paid Penalty Amount:	132.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2019
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	JACKSON MOUNTAIN
Ownership Date:	10/6/2017
Mine Status:	Active
Status Date:	1/2/2020
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	ALLEGANY

Violation Number:	9187054
Mine ID:	1800805
Contractor ID:	Not reported
Date Issued:	11/21/2019
Action Type:	104(a)
Type of Issue:	Citation

JACKSON MOUNTAIN (Continued) **1025959195**

S and S:	Y
Term Date:	11/25/2019
Title 30 Code of Federal Regulations:	77.1000
Proposed Penalty:	132.00
Assessment Amount:	132.00
Paid Penalty Amount:	132.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2019
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	JACKSON MOUNTAIN
Ownership Date:	10/6/2017
Mine Status:	Active
Status Date:	1/2/2020
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	ALLEGANY

Violation Number:	9187055
Mine ID:	1800805
Contractor ID:	Not reported
Date Issued:	11/21/2019
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	11/25/2019
Title 30 Code of Federal Regulations:	77.1713(a)
Proposed Penalty:	132.00
Assessment Amount:	132.00
Paid Penalty Amount:	132.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2019
Address Type:	MineLocation
PO Box:	Not reported
Address:	3834 WESTERNPORT ROAD
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	JACKSON MOUNTAIN
Ownership Date:	10/6/2017
Mine Status:	Active
Status Date:	1/2/2020
Primary Site Description:	Coal (Bituminous)
Mine Type:	Surface
State 2:	MD
County:	ALLEGANY

JACKSON MOUNTAIN (Continued) **1025959195**

Click this hyperlink while viewing on your computer to access
26 additional US_MINES_VIOLATIONS: record(s) in the EDR Site Report.

C22 **TAYLOR #1 MINE** **MD AIRS** **S108172365**
Target **3834 WESTERNPORT ROAD** **N/A**
Property **WESTERNPORT, MD 21562**

Site 4 of 5 in cluster C

Actual: **1819 ft.**
Focus Map: **15**

AIRS:

Name:	TAYLOR #1 MINE
Address:	3834 WESTERNPORT ROAD
City,State,Zip:	WESTERNPORT, MD 21562
Permit Number:	023-00128
Permit Type:	5-YEAR P/O
Owner Name:	ARJ CONSTRUCTION COMPANY, INC.
Owner Address:	P.O. BOX 886
Owner Address 2:	Not reported
Owner City,St,Zip:	LEWISBURG, WV 24901
Issued Date:	12/1/2016
Expiration Date:	11/30/2021
Mail Name:	ANTHONY TAYLOR
Mail Title:	OWNER
PO Contact Number:	B05359
Title V:	Not reported
Title V Certification:	Not reported
Source Description:	COAL SCREEN
Nitrogen:	Not reported
Volatile Organic Compound:	Not reported
Sulfur Dioxide:	Not reported
Particulate Matter:	Not reported
Hazardous Air Pollutants:	Not reported
Carbon Monoxide:	Not reported
Carbon Dioxide:	Not reported
PM Condensable:	Not reported
Year:	Not reported
PT:	Not reported
PM 2.5:	Not reported
Methane:	Not reported
Mercury:	Not reported
BCRI:	Not reported
BHAP:	Not reported

C23 **ARJ CONSTRUCTION COMPANY** **ICIS** **1016161161**
Target **3834 WESTERNPORT RD** **US AIRS** **N/A**
Property **MARYLAND, MD 21562**

Site 5 of 5 in cluster C

Actual: **1819 ft.**
Focus Map: **15**

ICIS:

Enforcement Action ID:	MD000A0000240230012800016
FRS ID:	110009048244
Action Name:	ARJ CONSTRUCTION COMPANY 240230012800016
Facility Name:	ARJ CONSTRUCTION COMPANY

ARJ CONSTRUCTION COMPANY (Continued) **1016161161**

Facility Address:	3834 WESTERNPORT RD MARYLAND, MD 21562
Enforcement Action Type:	Notice of Violation
Facility County:	UNDETERMINED
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	1222
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	39.52943
Longitude in Decimal Degrees:	-79.07631
Permit Type Desc:	Not reported
Program System Acronym:	MD0000002402300128
Facility NAICS Code:	213113
Tribal Land Code:	Not reported

US AIRS MINOR:

Envid:	1016161161
Region Code:	03
Programmatic ID:	AIR MD0000002402300128
Facility Registry ID:	110009048244
D and B Number:	Not reported
Primary SIC Code:	1222
NAICS Code:	213113
Default Air Classification Code:	MIN
Facility Type of Ownership Code:	POF
Air CMS Category Code:	Not reported
HPV Status:	Not reported

US AIRS MINOR:

Region Code:	03
Programmatic ID:	AIR MD0000002402300128
Facility Registry ID:	110009048244
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	New Source Performance Standards
Activity Date:	2009-09-24 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	03
Programmatic ID:	AIR MD0000002402300128
Facility Registry ID:	110009048244
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	New Source Performance Standards
Activity Date:	2010-08-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	03
Programmatic ID:	AIR MD0000002402300128

ARJ CONSTRUCTION COMPANY (Continued) **1016161161**

Facility Registry ID: 110009048244
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2011-05-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300128
Facility Registry ID: 110009048244
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2012-05-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300128
Facility Registry ID: 110009048244
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2013-05-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300128
Facility Registry ID: 110009048244
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2013-07-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300128
Facility Registry ID: 110009048244
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2014-03-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

ARJ CONSTRUCTION COMPANY (Continued) **1016161161**

Region Code: 03
Programmatic ID: AIR MD0000002402300128
Facility Registry ID: 110009048244
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2014-04-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300128
Facility Registry ID: 110009048244
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2014-05-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300128
Facility Registry ID: 110009048244
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2014-08-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300128
Facility Registry ID: 110009048244
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: New Source Performance Standards
Activity Date: 2014-03-13 00:00:00
Activity Status Date: 2014-03-13 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 03
Programmatic ID: AIR MD0000002402300128
Facility Registry ID: 110009048244
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-09-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

ARJ CONSTRUCTION COMPANY (Continued) **1016161161**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300128
Facility Registry ID: 110009048244
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-08-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300128
Facility Registry ID: 110009048244
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-05-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300128
Facility Registry ID: 110009048244
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-05-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300128
Facility Registry ID: 110009048244
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-05-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300128
Facility Registry ID: 110009048244
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

ARJ CONSTRUCTION COMPANY (Continued) **1016161161**

Activity Date: 2013-07-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300128
Facility Registry ID: 110009048244
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-03-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300128
Facility Registry ID: 110009048244
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-04-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300128
Facility Registry ID: 110009048244
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-05-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300128
Facility Registry ID: 110009048244
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-08-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR MD0000002402300128
Facility Registry ID: 110009048244

ARJ CONSTRUCTION COMPANY (Continued) **1016161161**

Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2014-03-13 00:00:00
Activity Status Date:	2014-03-13 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

---

24 **SAVAGE MOUNTAIN MINERALS, INC.** **US MINES** **1011172780**
Target Property **GARRETT (County), MD** **N/A**

Actual: 1567 ft.
Focus Map: 16

US MINES:

Sic Code(s):	122200
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Mine ID:	1800765
Entity Name:	NO. 1 SURFACE
Company:	SAVAGE MOUNTAIN MINERALS, INC.
Status:	Temporatily Closed
Status Date:	20230515
Operation Class:	1
Number of Shops:	0
Number of Plants:	0
Latitude Degree:	39
Longitude Degree:	079
Latitude Minute:	30
Latitude Seconds:	14
Longitude Minutes:	03
Longitude Seconds:	29
Number of Pits:	000

---

25 **MORAN FIELD** **FINDS** **1014729118**
Target Property **UNKNOWN** **N/A**
WESTERNPORT, MD 00000

Actual: 1982 ft.
Focus Map: 21

FINDS:
Registry ID: 110041493764

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
THE EMISSION INVENTORY SYSTEM (EIS) MAINTAINS AN INVENTORY OF LARGE STATIONARY SOURCES AND VOLUNTARILY-REPORTED SMALLER SOURCES OF AIR POINT POLLUTANT EMITTERS. IT CONTAINS INFORMATION ABOUT FACILITY SITES AND THEIR PHYSICAL LOCATION, EMISSIONS UNITS, EMISSIONS PROCESSES, RELEASE POINTS, CONTROL APPROACHES, AND REGULATIONS. FACILITY INVENTORY DATA ARE KEPT SEPARATE FROM THE EMISSIONS DATA AND HAVE STABLE IDENTIFIERS TO IMPROVE CONTINUITY FROM YEAR TO YEAR AND TO HELP IDENTIFY DUPLICATE OR MISSING FACILITIES

MORAN FIELD (Continued) **1014729118**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

D26 **FRANKLIN HILL #1** **ABANDONED MINES** **1022859020**
Target **N/A**
Property **, MD 21540**

Site 1 of 2 in cluster D

Actual: **1543 ft.**
Focus Map: 21

ABANDONED MINES:

Mine ID:	1800582
Mine Name:	FRANKLIN HILL #1
Mine Address:	Not reported
City,State,Zip:	MD 21540
Primary SIC Code:	Coal (Bituminous)
Mine Type:	Surface
Mine Status Description:	Abandoned
Mine Status Date:	2/22/1993
Coal (C) or Metal (M) Mine:	C
Controller ID:	C04461
Controller Name:	Westvaco Corp
Operator ID:	P05384
Operator name:	Westvaco Resources Inc
Address of Record Street:	Not reported
Address of Record PO Box:	Not reported
Address of Record City:	LUKE
Address of Record State:	MD
Address of Record Zip Code:	21540
Assessment Address Street:	Not reported
Assessment Address PO Box:	Not reported
Assessment Address City:	LUKE
Assessment Address State:	MD
Assessment Address Zip Code:	21540
Mine Health and Safety Address Street:	300 Pratt St
Mine Health and Safety Address PO Box:	Not reported
Mine Health and Safety Address City:	Luke
Mine Health and Safety Address State:	MD
Mine Health and Safety Address Zip Code:	Not reported
Latitude:	39.4911
Longitude:	-79.0564

D27 **WESTVACO RESOURCES INC** **RCRA NonGen / NLR** **1000422753**
Target **NOT AVAILABLE** **US MINES** **MDD089949283**
Property **BLOOMINGTON, MD 21523**

Site 2 of 2 in cluster D

Actual: **1528 ft.**
Focus Map: 21

RCRA Listings:

Date Form Received by Agency:	19800818
Handler Name:	Westvaco Resources Inc
Handler Address:	NOT AVAILABLE
Handler City,State,Zip:	BLOOMINGTON, MD 21523
EPA ID:	MDD089949283
Contact Name:	KENNETH KENNEDY
Contact Address:	NOT AVAILABLE
Contact City,State,Zip:	BLOOMINGTON, MD 21523

WESTVACO RESOURCES INC (Continued) **1000422753**

Contact Telephone:	301-359-9885
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	03
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	NOT AVAILABLE
Mailing City,State,Zip:	LUKE, MD 21540
Owner Name:	Westvaco Resources Inc
Owner Type:	Private
Operator Name:	Opername
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	Yes
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180130
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

WESTVACO RESOURCES INC (Continued) **1000422753**

Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D002
Waste Description: Corrosive Waste

Waste Code: F001
Waste Description: The Following Spent Halogenated Solvents Used In Degreasing: Tetrachloroethylene, Trichlorethylene, Methylene Chloride, 1,1,1-Trichloroethane, Carbon Tetrachloride And Chlorinated Fluorocarbons; All Spent Solvent Mixtures/Blends Used In Degreasing Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: U154
Waste Description: Methanol (I) (Or) Methyl Alcohol (I)

Waste Code: U228
Waste Description: Ethene, Trichloro- (Or) Trichloroethylene

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: WESTVACO RESOURCES INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: OWNERSTREET
Owner/Operator City,State,Zip: OWNERCITY, AK 99999
Owner/Operator Telephone: 215-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: OPERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: OPERSTREET
Owner/Operator City,State,Zip: OPERCITY, AK 99999
Owner/Operator Telephone: 215-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

WESTVACO RESOURCES INC (Continued) **1000422753**

Historic Generators:
Receive Date: 19800818
Handler Name: WESTVACO RESOURCES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

WESTVACO RESOURCES INC (Continued) **1000422753**

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20021107
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: KJC
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19900123
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported

WESTVACO RESOURCES INC (Continued) **1000422753**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

US MINES:

Sic Code(s):	122200
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Mine ID:	1800582
Entity Name:	FRANKLIN HILL #1
Company:	WESTVACO RESOURCES INC
Status:	Permanently Closed
Status Date:	19930222
Operation Class:	1
Number of Shops:	0
Number of Plants:	0
Latitude Degree:	39
Longitude Degree:	079
Latitude Minute:	29
Latitude Seconds:	27
Longitude Minutes:	03
Longitude Seconds:	23
Number of Pits:	000

28
SSE
< 1/8
0.008 mi.
44 ft.

Actual:
1015 ft.

Focus Map:
17

FRANKLIN COAL YARD, LLP **US MINES** **1011172559**
N/A

ALLEGANY (County), MD

US MINES:

Sic Code(s):	122200
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Mine ID:	1800539
Entity Name:	TIPPLE NO.1
Company:	FRANKLIN COAL YARD, LLP
Status:	Temporatily Closed
Status Date:	20200205
Operation Class:	1
Number of Shops:	0
Number of Plants:	0
Latitude Degree:	39
Longitude Degree:	079
Latitude Minute:	30
Latitude Seconds:	20

FRANKLIN COAL YARD, LLP (Continued) **1011172559**

Longitude Minutes: 02
Longitude Seconds: 53
Number of Pits: 000

29
South
< 1/8
0.023 mi.
124 ft.

Actual:
1041 ft.

Focus Map:
21

MORAN MANOR NURSING HOME **MD OCPCASES** **U004010986**
25701 SHADY LANE, SW **MD UST** **N/A**
WESTERNPORT, MD 21562 **MD Financial Assurance**

OCPCASES:
Name: MORAN MANOR NURSING HOME
Address: 25701 SHADY LANE SW
City,State,Zip: WESTERNPORT, MD 21562
Facility ID: 09-0106AL
Facility Status/Code: CLOSED/Tank Closure - Motor/Lube Oil
Date Open: 08/11/2008
Date Closed: 02/26/2010
Release: NO
Cleanup: NO
Registration Number: 1072

UST:
Facility Id: 1072
Oper Name: Bruce Robertson
Form Name: Peggy Wilson
Form Title: Environmental Sup
Form Date: 07/16/2007
Owner Id: 786

Owner:
Owner Name: Perini Services, Inc.
Owner Address: 14500 Byers Road
Owner City: Hagerstown
Owner State: MD
Owner Zip: 21742
Owner Phone: (301) 797-8700
Owner Contact: Dominick J. Perini

Tanks:
Tank ID: 1
Tank Status: **Permanently Out Of Use**
Tank Capacity: 1000
Substance Description: Diesel
Tank Compartment: False
Compartment Compartment: A
Date Installed: 04/01/1986
Tank Material Desc: Composite (Steel w/ FRP)
Pipe Material Desc: Bare or Galvanized Steel

MD Financial Assurance 2:
Name: MORAN MANOR NURSING HOME
Address: 25701 SHADY LANE, SW
City,State,Zip: WESTERNPORT, MD 21562
Region: 2
Facility ID: 1072

MORAN MANOR NURSING HOME (Continued) **U004010986**

Self Insured:	False
Insurance:	True
Risk Retention Group:	False
Guarantee:	False
Surety Bonds:	False
Letter of Credit:	False
State Fund:	False
Other Finance:	False
Finacnce Comments:	Policy# UST G23876929001 Insurer: Illinois Union Ins. Co. Policy Period: 9/24/08 - 9/24/09 (dt)
FR Not Listed:	False

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30 **LUKE EXXON** **MD OCPCASES** **S108470758**
SE **99 PRATT ST** **N/A**
< 1/8 **LUKE, MD 21540**
0.026 mi.
136 ft.

Actual:
935 ft.

Focus Map:
26

OCPCASES:

Name:	LUKE EXXON
Address:	99 PRATT ST
City,State,Zip:	LUKE, MD 21540
Facility ID:	4-4095AL
Facility Status/Code:	CLOSED/
Date Open:	12/19/1983
Date Closed:	06/27/1985
Release:	Not reported
Cleanup:	Not reported
Registration Number:	Not reported

E31 **TAYLOR # 1** **US MINES** **1024913003**
South **2804 WESTERNPORT RD.** **ABANDONED MINES** **N/A**
< 1/8 **WESTERNPORT, MD 21562**
0.058 mi.
305 ft. **Site 1 of 2 in cluster E**

Actual:
1494 ft.

Focus Map:
17

MINES VIOLATIONS:

Name:	TAYLOR # 1
Address:	2804 WESTERNPORT RD.
City,State,Zip:	WESTERNPORT, MD 21562
Facility ID:	Not reported

MINES VIOLATIONS:

Violation Number:	8022641
Mine ID:	1800748
Contractor ID:	Not reported
Date Issued:	10/07/2009
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	10/07/2009
Title 30 Code of Federal Regulations:	75.605
Proposed Penalty:	190.00
Assessment Amount:	190.00
Paid Penalty Amount:	190.00
Assessment Case Status:	Proposed
Assessment Status:	Closed

TAYLOR # 1 (Continued) **1024913003**

Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	2804 WESTERNPORT RD.
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company Inc
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR # 1
Ownership Date:	03/24/2003
Mine Status:	Active
Status Date:	06/24/2015
Primary Site Description:	Coal (Bituminous)
Mine Type:	Underground
State 2:	MD
County:	ALLEGANY

Violation Number:	8022642
Mine ID:	1800748
Contractor ID:	Not reported
Date Issued:	10/07/2009
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	10/07/2009
Title 30 Code of Federal Regulations:	75.517
Proposed Penalty:	2,282.00
Assessment Amount:	2,282.00
Paid Penalty Amount:	2,282.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	2804 WESTERNPORT RD.
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company Inc
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR # 1
Ownership Date:	03/24/2003
Mine Status:	Active
Status Date:	06/24/2015
Primary Site Description:	Coal (Bituminous)
Mine Type:	Underground
State 2:	MD
County:	ALLEGANY

Violation Number:	8022643
Mine ID:	1800748
Contractor ID:	Not reported
Date Issued:	10/07/2009
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N

TAYLOR # 1 (Continued) **1024913003**

Term Date:	10/07/2009
Title 30 Code of Federal Regulations:	75.503
Proposed Penalty:	392.00
Assessment Amount:	392.00
Paid Penalty Amount:	392.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	2804 WESTERNPORT RD.
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company Inc
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR # 1
Ownership Date:	03/24/2003
Mine Status:	Active
Status Date:	06/24/2015
Primary Site Description:	Coal (Bituminous)
Mine Type:	Underground
State 2:	MD
County:	ALLEGANY

Violation Number:	8022644
Mine ID:	1800748
Contractor ID:	Not reported
Date Issued:	10/08/2009
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	10/08/2009
Title 30 Code of Federal Regulations:	75.370(a)(1)
Proposed Penalty:	334.00
Assessment Amount:	334.00
Paid Penalty Amount:	334.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	2804 WESTERNPORT RD.
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company Inc
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR # 1
Ownership Date:	03/24/2003
Mine Status:	Active
Status Date:	06/24/2015
Primary Site Description:	Coal (Bituminous)
Mine Type:	Underground
State 2:	MD
County:	ALLEGANY

TAYLOR # 1 (Continued) **1024913003**

Violation Number:	8022645
Mine ID:	1800748
Contractor ID:	Not reported
Date Issued:	10/08/2009
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	10/08/2009
Title 30 Code of Federal Regulations:	75.503
Proposed Penalty:	392.00
Assessment Amount:	392.00
Paid Penalty Amount:	392.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	2804 WESTERNPORT RD.
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company Inc
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR # 1
Ownership Date:	03/24/2003
Mine Status:	Active
Status Date:	06/24/2015
Primary Site Description:	Coal (Bituminous)
Mine Type:	Underground
State 2:	MD
County:	ALLEGANY

Violation Number:	8022646
Mine ID:	1800748
Contractor ID:	Not reported
Date Issued:	10/14/2009
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	10/14/2009
Title 30 Code of Federal Regulations:	75.202(a)
Proposed Penalty:	807.00
Assessment Amount:	807.00
Paid Penalty Amount:	807.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	2804 WESTERNPORT RD.
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company Inc
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR # 1
Ownership Date:	03/24/2003

TAYLOR # 1 (Continued) **1024913003**

Mine Status:	Active
Status Date:	06/24/2015
Primary Site Description:	Coal (Bituminous)
Mine Type:	Underground
State 2:	MD
County:	ALLEGANY
Violation Number:	8022647
Mine ID:	1800748
Contractor ID:	Not reported
Date Issued:	10/14/2009
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	10/14/2009
Title 30 Code of Federal Regulations:	75.503
Proposed Penalty:	308.00
Assessment Amount:	308.00
Paid Penalty Amount:	308.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	2804 WESTERNPORT RD.
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company Inc
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR # 1
Ownership Date:	03/24/2003
Mine Status:	Active
Status Date:	06/24/2015
Primary Site Description:	Coal (Bituminous)
Mine Type:	Underground
State 2:	MD
County:	ALLEGANY
Violation Number:	8022648
Mine ID:	1800748
Contractor ID:	Not reported
Date Issued:	11/10/2009
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	11/16/2009
Title 30 Code of Federal Regulations:	77.205(a)
Proposed Penalty:	162.00
Assessment Amount:	162.00
Paid Penalty Amount:	162.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	2804 WESTERNPORT RD.

TAYLOR # 1 (Continued) **1024913003**

City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company Inc
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR # 1
Ownership Date:	03/24/2003
Mine Status:	Active
Status Date:	06/24/2015
Primary Site Description:	Coal (Bituminous)
Mine Type:	Underground
State 2:	MD
County:	ALLEGANY
Violation Number:	8022649
Mine ID:	1800748
Contractor ID:	Not reported
Date Issued:	11/10/2009
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	11/10/2009
Title 30 Code of Federal Regulations:	75.512
Proposed Penalty:	162.00
Assessment Amount:	162.00
Paid Penalty Amount:	162.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	2804 WESTERNPORT RD.
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company Inc
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR # 1
Ownership Date:	03/24/2003
Mine Status:	Active
Status Date:	06/24/2015
Primary Site Description:	Coal (Bituminous)
Mine Type:	Underground
State 2:	MD
County:	ALLEGANY
Violation Number:	8022650
Mine ID:	1800748
Contractor ID:	Not reported
Date Issued:	11/10/2009
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	11/10/2009
Title 30 Code of Federal Regulations:	77.1110
Proposed Penalty:	162.00
Assessment Amount:	162.00

TAYLOR # 1 (Continued) **1024913003**

Paid Penalty Amount:	162.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	2804 WESTERNPORT RD.
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company Inc
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR # 1
Ownership Date:	03/24/2003
Mine Status:	Active
Status Date:	06/24/2015
Primary Site Description:	Coal (Bituminous)
Mine Type:	Underground
State 2:	MD
County:	ALLEGANY

Violation Number:	8022651
Mine ID:	1800748
Contractor ID:	Not reported
Date Issued:	11/16/2009
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	11/17/2009
Title 30 Code of Federal Regulations:	75.400
Proposed Penalty:	460.00
Assessment Amount:	460.00
Paid Penalty Amount:	460.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	2804 WESTERNPORT RD.
City:	WESTERNPORT
State:	MD
Operator:	ARJ Construction Company Inc
Zip:	21562
Mine Controller Name:	Freddie A Taylor
Name:	TAYLOR # 1
Ownership Date:	03/24/2003
Mine Status:	Active
Status Date:	06/24/2015
Primary Site Description:	Coal (Bituminous)
Mine Type:	Underground
State 2:	MD
County:	ALLEGANY

Click this hyperlink while viewing on your computer to access
1925 additional US_MINES_VIOLATIONS: record(s) in the EDR Site Report.

TAYLOR # 1 (Continued) **1024913003**

ABANDONED MINES:

Mine ID:	1800748
Mine Name:	TAYLOR # 1
Mine Address:	2804 WESTERNPORT RD.
City,State,Zip:	WESTERNPORT, MD 249010886
Primary SIC Code:	Coal (Bituminous)
Mine Type:	Facility
Mine Status Description:	Abandoned
Mine Status Date:	2/7/2019
Coal (C) or Metal (M) Mine:	C
Controller ID:	C14197
Controller Name:	Freddie A Taylor
Operator ID:	0051107
Operator name:	ARJ Construction Company Inc
Address of Record Street:	201 South Jefferson Street
Address of Record PO Box:	Not reported
Address of Record City:	Lewisburg
Address of Record State:	MD
Address of Record Zip Code:	249010886
Assessment Address Street:	Not reported
Assessment Address PO Box:	886
Assessment Address City:	LEWISBURG
Assessment Address State:	MD
Assessment Address Zip Code:	249010886
Mine Health and Safety Address Street:	3834 Westernport Road
Mine Health and Safety Address PO Box:	Not reported
Mine Health and Safety Address City:	Westernport
Mine Health and Safety Address State:	MD
Mine Health and Safety Address Zip Code:	Not reported
Latitude:	39.521389
Longitude:	-79.030556

E32 **ARJ CONSTRUCTION COMPANY INC** **US MINES** **1005835704**
South **N/A**
< 1/8 **ALLEGANY (County), MD**
0.058 mi.
305 ft. **Site 2 of 2 in cluster E**

Actual:
1494 ft.

Focus Map:
17

US MINES:

Sic Code(s):	122200
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Mine ID:	1800748
Entity Name:	TAYLOR # 1
Company:	ARJ CONSTRUCTION COMPANY INC
Status:	Permanently Closed
Status Date:	20190207
Operation Class:	1
Number of Shops:	0
Number of Plants:	0
Latitude Degree:	39
Longitude Degree:	079
Latitude Minute:	31
Latitude Seconds:	17

ARJ CONSTRUCTION COMPANY INC (Continued) **1005835704**

Longitude Minutes: 01
Longitude Seconds: 50
Number of Pits: 000

33
SE
< 1/8
0.063 mi.
331 ft.

ROBERT E. MORAN **MD HIST UST** **S104628774**
21005 NEW GEORGES CREEK RD SW **N/A**
WESTERNPORT, MD 21562

Actual:
1004 ft.

Focus Map:
17

Historical UST:

Facility ID:	3000260
Tank ID:	001
Age:	25
Capacity:	2,000
Tank Status:	Removed
Product:	Gasoline

Facility ID:	3000260
Tank ID:	002
Age:	25
Capacity:	2,000
Tank Status:	Removed
Product:	Gasoline

Facility ID:	3000260
Tank ID:	003
Age:	25
Capacity:	3,000
Tank Status:	Removed
Product:	Gasoline

Facility ID:	3000260
Tank ID:	004
Age:	25
Capacity:	3,000
Tank Status:	Removed
Product:	Gasoline

F34
SW
< 1/8
0.078 mi.
413 ft.

BERYL TIPPLE **ABANDONED MINES** **1026873987**
3924 BERYL ROAD **N/A**
KEYSER, WV 26726
Site 1 of 2 in cluster F

Actual:
964 ft.

Focus Map:
26

ABANDONED MINES:

Mine ID:	4606330
Mine Name:	BERYL TIPPLE
Mine Address:	3924 BERYL ROAD
City,State,Zip:	KEYSER, WV 26726
Primary SIC Code:	Coal (Bituminous)
Mine Type:	Facility
Mine Status Description:	Abandoned
Mine Status Date:	8/6/2021
Coal (C) or Metal (M) Mine:	C
Controller ID:	C00663

BERYL TIPPLE (Continued) **1026873987**

Controller Name:	Timothy Schwinabart; Ted Schwinabart
Operator ID:	P11898
Operator name:	Beryl Coal Company
Address of Record Street:	21557 Maryland Highway
Address of Record PO Box:	Not reported
Address of Record City:	Bloomington
Address of Record State:	WV
Address of Record Zip Code:	26726
Assessment Address Street:	Not reported
Assessment Address PO Box:	185
Assessment Address City:	BLOOMINGTON
Assessment Address State:	WV
Assessment Address Zip Code:	26726
Mine Health and Safety Address Street:	21557 Maryland Highway, P O Box 185
Mine Health and Safety Address PO Box:	Not reported
Mine Health and Safety Address City:	Bloomington
Mine Health and Safety Address State:	WV
Mine Health and Safety Address Zip Code:	Not reported
Latitude:	39.478611
Longitude:	-79.065

F35 **BERYL COAL COMPANY** **US MINES** **1011249804**
West **N/A**
< 1/8 **MINERAL (County), WV**
0.084 mi.
445 ft. **Site 2 of 2 in cluster F**

Actual:
967 ft.

Focus Map:
26

US MINES:

Sic Code(s):	122200
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Mine ID:	4606330
Entity Name:	BERYL TIPPLE
Company:	BERYL COAL COMPANY
Status:	Permanently Closed
Status Date:	20210806
Operation Class:	1
Number of Shops:	0
Number of Plants:	0
Latitude Degree:	39
Longitude Degree:	079
Latitude Minute:	28
Latitude Seconds:	42
Longitude Minutes:	03
Longitude Seconds:	54
Number of Pits:	000

36
ESE
< 1/8
0.089 mi.
469 ft.

TOWN OF LUKE CITY BUILDING
510 GRANT STREET
LUKE, MD 21540

MD OCPCASES **U004013766**
MD UST **N/A**
MD Financial Assurance

Actual:
985 ft.

Focus Map:
26

OCPCASES:

Name:	CITY OF LUKE
Address:	510 GRANT ST
City,State,Zip:	LUKE, MD 21540
Facility ID:	91-1874AL
Facility Status/Code:	CLOSED/
Date Open:	03/28/1991
Date Closed:	04/18/1991
Release:	Not reported
Cleanup:	Not reported
Registration Number:	932

UST:

Facility Id:	932
Oper Name:	James T. Warnick
Form Name:	James T. Warnick
Form Title:	Mayor
Form Date:	07/02/1997
Owner Id:	696

Owner:

Owner Name:	Town of Luke
Owner Address:	City Building P. O. Box 9
Owner City:	Luke
Owner State:	MD
Owner Zip:	21540
Owner Phone:	(301) 359-3074
Owner Contact:	Sherry L. McIntyre

Tanks:

Tank ID:	1
Tank Status:	**Permanently Out of Use**
Tank Capacity:	1000
Substance Description:	Gasoline
Tank Compartment:	False
Compartment Compartment:	A
Date Installed:	01/01/1979
Tank Material Desc:	Asphalt Coated or Bare Steel
Pipe Material Desc:	Bare or Galvanized Steel

MD Financial Assurance 2:

Name:	TOWN OF LUKE CITY BUILDING
Address:	510 GRANT STREET
City,State,Zip:	LUKE, MD 21540
Region:	2
Facility ID:	932
Self Insured:	False
Insurance:	False
Risk Retention Group:	False
Guarantee:	False
Surety Bonds:	False

TOWN OF LUKE CITY BUILDING (Continued) **U004013766**

Letter of Credit:	False
State Fund:	False
Other Finance:	False
Finacnce Comments:	Not reported
FR Not Listed:	False

37
East
< 1/8
0.091 mi.
480 ft.

CHAS FORMAN **MD OCPCASES** **S104609587**
115 DONNA ST **N/A**
WESTERNPORT, MD 21562

Actual:
1014 ft.

Focus Map:
22

OCPCASES:

Name:	CHAS FORMAN
Address:	115 DONNA ST
City,State,Zip:	WESTERNPORT, MD 21562
Facility ID:	92-2693AL
Facility Status/Code:	CLOSED/
Date Open:	10/04/1991
Date Closed:	10/08/1991
Release:	Not reported
Cleanup:	Not reported
Registration Number:	Not reported

38
ENE
< 1/8
0.092 mi.
487 ft.

FRANKLIN RAIL UNLOADING **PFAS ECHO** **1027361704**
N/A
LUKE, MD

Actual:
998 ft.

Focus Map:
26

PFAS ECHO:

Name:	FRANKLIN RAIL UNLOADING
Address:	Not reported
City,State,Zip:	LUKE, MD
Latitude:	39.474277
Longitude:	-79.058094
Count:	1
County:	ALLEGANY
Status:	Inactive
Region:	03
Industry:	Paper Mills and Products
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110070506205
Facility Percent Minority:	-
Facility Derived Tribes:	-
Facility Population:	-
EPA Programs:	CWA
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	24001
Facility Indian Country Flag:	N
Facility Collection Method:	Zip Code Centroid
Facility Derived HUC:	-
Facility Derived WBD:	-
Facility Derived CD113:	-
Facility Derived CB2010:	-
Facility Major Flag:	-

FRANKLIN RAIL UNLOADING (Continued) **1027361704**

Facility Active Flag:	Y
Facility Inspection Count:	0
Facility Date Last Inspection:	-
Facility Days Last Inspection:	-
Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	N
NPDES Flag:	Y
SDWIS Flag:	N
RCRA Flag:	N
TRI Flag:	N
GHG Flag:	N
AIR IDS:	-
CAA Permit Types:	-
CAA NAICS:	-
CAA SICS:	-
NPDES IDS:	MDR003388
CWA Permit Types:	Minor
CWA NAICS:	-
CWA SICS:	2621
RCRA IDS:	-
RCRA Permit Types:	-
RCRA NAICS:	-
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	N
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-79.058094,%22y%22:39.474277,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

39
WSW
< 1/8
0.095 mi.
500 ft.

BERYL WOODYARD
BERYL, WV

PFAS ECHO

1027331891
N/A

Actual:
969 ft.

Focus Map:
26

PFAS ECHO:

Name:	BERYL WOODYARD
Address:	Not reported
City,State,Zip:	BERYL, WV
Latitude:	39.474493
Longitude:	-79.062852
Count:	1
County:	MINERAL
Status:	Active
Region:	03
Industry:	Paper Mills and Products
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110010869202
Facility Percent Minority:	6.646
Facility Derived Tribes:	-
Facility Population:	148.99
EPA Programs:	CWA
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	54057
Facility Indian Country Flag:	N
Facility Collection Method:	INTERPOLATION-MAP
Facility Derived HUC:	02070002
Facility Derived WBD:	020700020207
Facility Derived CD113:	01
Facility Derived CB2010:	540570107002029
Facility Major Flag:	-
Facility Active Flag:	Y
Facility Inspection Count:	1
Facility Date Last Inspection:	10/10/2018
Facility Days Last Inspection:	1,725
Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	N
NPDES Flag:	Y
SDWIS Flag:	N
RCRA Flag:	N
TRI Flag:	N
GHG Flag:	N
AIR IDS:	-
CAA Permit Types:	-
CAA NAICS:	-
CAA SICS:	-
NPDES IDS:	WVG610936

BERYL WOODYARD (Continued) **1027331891**

CWA Permit Types:	Minor
CWA NAICS:	-
CWA SICS:	2621 0241 2411
RCRA IDS:	-
RCRA Permit Types:	-
RCRA NAICS:	-
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	Y
EJSCREEN Flag US:	Y
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-79.062852,%22y%22:39.474493,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

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40 **UNKNOWN** **PFAS ECHO** **1027434184**
NNE **N/A**
< 1/8 **UNKNOWN, MD**
0.108 mi.
570 ft.

Actual:
1581 ft.

Focus Map:
12

PFAS ECHO:

Name:	UNKNOWN
Address:	Not reported
City,State,Zip:	UNKNOWN, MD
Latitude:	39.541201
Longitude:	-79.029751
Count:	1
County:	ALLEGANY
Status:	Inactive
Region:	03
Industry:	Plastics and Resins
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110028105173
Facility Percent Minority:	1.69
Facility Derived Tribes:	-
Facility Population:	66.58
EPA Programs:	CWA
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	24001
Facility Indian Country Flag:	N
Facility Collection Method:	INTERPOLATION-MAP
Facility Derived HUC:	02070002
Facility Derived WBD:	020700020302
Facility Derived CD113:	06
Facility Derived CB2010:	240010021002004
Facility Major Flag:	-
Facility Active Flag:	-
Facility Inspection Count:	0
Facility Date Last Inspection:	7/14/2005
Facility Days Last Inspection:	6,561

UNKNOWN (Continued) **1027434184**

Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	5/29/1992
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	-
Facility SNC Flag:	N
AIR Flag:	N
NPDES Flag:	Y
SDWIS Flag:	N
RCRA Flag:	N
TRI Flag:	N
GHG Flag:	N
AIR IDS:	-
CAA Permit Types:	-
CAA NAICS:	-
CAA SICS:	-
NPDES IDS:	MD0058157 MD0058424 MD0059196 MD0059269 MD0059277 MD0059757 MD0061026 MD0061069 MD0061310 MD0062260 MD0062316 MD0062367 MDG851509 MDG851729
CWA Permit Types:	Minor
CWA NAICS:	-
CWA SICS:	1221 5052 3081 1422 4952
RCRA IDS:	-
RCRA Permit Types:	-
RCRA NAICS:	-
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	N
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-79.029751,%22y%22:39.541201,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

G41 **BAILEY'S SERVICE STATION** **MD UST** **U004013768**
East **P. O. BOX 47** **MD Financial Assurance** **N/A**
< 1/8 **BARTON, MD 21521**
0.109 mi.
576 ft. **Site 1 of 3 in cluster G**

Actual:
1241 ft.

Focus Map:
13

UST:

Facility Id:	933
Oper Name:	Robert Bailey
Form Name:	Not reported
Form Title:	Not reported
Form Date:	Not reported

BAILEY'S SERVICE STATION (Continued) **U004013768**

Owner Id: 697

Owner:
Owner Name: Bailey, Robert
Owner Address: P. O. Box 47
Owner City: Barton
Owner State: MD
Owner Zip: 21521
Owner Phone: (301) 463-2428
Owner Contact: Not reported

Tanks:
Tank ID: 1
Tank Status: **Permanently Out of Use**
Tank Capacity: 1000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1972
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 2
Tank Status: **Permanently Out of Use**
Tank Capacity: 1000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1972
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

MD Financial Assurance 2:
Name: BAILEY'S SERVICE STATION
Address: P. O. BOX 47
City,State,Zip: BARTON, MD 21521
Region: 2
Facility ID: 933
Self Insured: False
Insurance: False
Risk Retention Group: False
Guarantee: False
Surety Bonds: False
Letter of Credit: False
State Fund: False
Other Finance: False
Finacnce Comments: Not reported
FR Not Listed: False

G42 **GARY BROADWATER** **MD OCPCASES** **S108475076**
East **BOX 309** **N/A**
< 1/8 **BARTON, MD 21521**
0.109 mi.
576 ft. **Site 2 of 3 in cluster G**

Actual:
1241 ft.

Focus Map:
13

OCPCASES:

Name:	GARY BROADWATER
Address:	BOX 309
City,State,Zip:	BARTON, MD 21521
Facility ID:	9-1568AL
Facility Status/Code:	CLOSED/
Date Open:	04/13/1989
Date Closed:	Not reported
Release:	Not reported
Cleanup:	Not reported
Registration Number:	Not reported

G43 **BARTON MINNING CO.** **MD UST** **U003850717**
East **P. O. BOX 305** **MD Financial Assurance** **N/A**
< 1/8 **BARTON, MD 21521**
0.109 mi.
576 ft. **Site 3 of 3 in cluster G**

Actual:
1241 ft.

Focus Map:
13

UST:

Facility Id:	13594
Oper Name:	Not reported
Form Name:	Darwin Sproul
Form Title:	Foreman
Form Date:	06/26/1990
Owner Id:	8652

Owner:

Owner Name:	Barton Minning Company
Owner Address:	P. O. Box 305
Owner City:	Barton
Owner State:	MD
Owner Zip:	21521
Owner Phone:	(301) 777-8686
Owner Contact:	Not reported

Tanks:

Tank ID:	1
Tank Status:	**Permanently Out of Use**
Tank Capacity:	12000
Substance Description:	Diesel
Tank Compartment:	False
Compartment Compartment:	A
Date Installed:	01/01/1985
Tank Material Desc:	Asphalt Coated or Bare Steel
Pipe Material Desc:	Bare or Galvanized Steel

MD Financial Assurance 2:

Name:	BARTON MINNING CO.
Address:	P. O. BOX 305
City,State,Zip:	BARTON, MD 21521
Region:	2
Facility ID:	13594

BARTON MINNING CO. (Continued) **U003850717**

Self Insured:	False
Insurance:	False
Risk Retention Group:	False
Guarantee:	False
Surety Bonds:	False
Letter of Credit:	False
State Fund:	False
Other Finance:	False
Finacnce Comments:	Not reported
FR Not Listed:	False

H44 **WESTVACO CORP** **NY MANIFEST** **S119069674**
SSE **300 PRATT STREET** **N/A**
< 1/8 **LUKE, MD 21540**
0.114 mi.
600 ft. **Site 1 of 10 in cluster H**

Actual: **966 ft.**
Focus Map: **26**

Manifest Facility Information:

EPA ID:	MDD000218669
Country:	USA
Name:	WESTVACO CORP
Address:	300 PRATT STREET
Address 2:	Not reported
City,State,Zip:	LUKE, MD 21540
Zip 4:	Not reported
Location Address 1:	CROMWELL ST
Location Address 2:	Not reported
Location City,State,Zip:	LUKE, MD 21540
Location Zip 4:	Not reported
Facility Status:	Not reported
Total Tanks:	Not reported
Code:	BP

Mailing:

Mailing Name:	WESTVACO CORP
Mailing Contact:	PAUL W. RAPPLEPEA
Mailing Address 1:	CROMWELL ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	LUKE, MD 21540
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	3013593311

H45 **WESTVACO CORPORATION** **MD UST** **U003865806**
SSE **300 PRATT STREET** **MD Financial Assurance** **N/A**
< 1/8 **LUKE, MD 21540**
0.114 mi.
600 ft. **Site 2 of 10 in cluster H**

Actual: **966 ft.**
Focus Map: **26**

UST:

Facility Id:	14267
Oper Name:	Kenneth K. Kennedy
Form Name:	Kenneth K. Kennedy
Form Title:	President
Form Date:	04/11/1986
Owner Id:	4941

WESTVACO CORPORATION (Continued) **U003865806**

Owner:
Owner Name: Westvaco Corporation
Owner Address: 300 Pratt Street
Owner City: Luke
Owner State: MD
Owner Zip: 21540
Owner Phone: (301) 359-3311
Owner Contact: Roger Dandridge

Tanks:
Tank ID: 1
Tank Status: Permanently Out of Use
Tank Capacity: 4000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1975
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 1
Tank Status: Permanently Out of Use
Tank Capacity: 1000
Substance Description: Diesel
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1959
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 1
Tank Status: Permanently Out of Use
Tank Capacity: 10000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1980
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Not Listed

Tank ID: 1
Tank Status: Permanently Out of Use
Tank Capacity: 10000
Substance Description: Diesel
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1974
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 2
Tank Status: Permanently Out of Use
Tank Capacity: 10000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A

WESTVACO CORPORATION (Continued) **U003865806**

Date Installed: 01/01/1980
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 2
Tank Status: Permanently Out of Use
Tank Capacity: 4000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1975
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 3
Tank Status: Permanently Out of Use
Tank Capacity: 10000
Substance Description: Diesel
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1959
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 4
Tank Status: Permanently Out of Use
Tank Capacity: 10000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1959
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Not Listed

Tanks:

Tank ID: 1
Tank Status: Permanently Out of Use
Tank Capacity: 4000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1975
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 1
Tank Status: Permanently Out of Use
Tank Capacity: 1000
Substance Description: Diesel
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1959
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 1

WESTVACO CORPORATION (Continued) **U003865806**

Tank Status:	**Permanently Out of Use**
Tank Capacity:	10000
Substance Description:	Gasoline
Tank Compartment:	False
Compartment Compartment:	A
Date Installed:	01/01/1980
Tank Material Desc:	Asphalt Coated or Bare Steel
Pipe Material Desc:	Not Listed

Tank ID:	1
Tank Status:	**Permanently Out of Use**
Tank Capacity:	10000
Substance Description:	Diesel
Tank Compartment:	False
Compartment Compartment:	A
Date Installed:	01/01/1974
Tank Material Desc:	Asphalt Coated or Bare Steel
Pipe Material Desc:	Bare or Galvanized Steel

Tank ID:	2
Tank Status:	**Permanently Out of Use**
Tank Capacity:	10000
Substance Description:	Gasoline
Tank Compartment:	False
Compartment Compartment:	A
Date Installed:	01/01/1980
Tank Material Desc:	Asphalt Coated or Bare Steel
Pipe Material Desc:	Bare or Galvanized Steel

Tank ID:	2
Tank Status:	**Permanently Out of Use**
Tank Capacity:	4000
Substance Description:	Gasoline
Tank Compartment:	False
Compartment Compartment:	A
Date Installed:	01/01/1975
Tank Material Desc:	Asphalt Coated or Bare Steel
Pipe Material Desc:	Bare or Galvanized Steel

Tank ID:	3
Tank Status:	**Permanently Out of Use**
Tank Capacity:	10000
Substance Description:	Diesel
Tank Compartment:	False
Compartment Compartment:	A
Date Installed:	01/01/1959
Tank Material Desc:	Asphalt Coated or Bare Steel
Pipe Material Desc:	Bare or Galvanized Steel

Tank ID:	4
Tank Status:	**Permanently Out of Use**
Tank Capacity:	10000
Substance Description:	Gasoline
Tank Compartment:	False
Compartment Compartment:	A
Date Installed:	01/01/1959
Tank Material Desc:	Asphalt Coated or Bare Steel

WESTVACO CORPORATION (Continued) **U003865806**

Pipe Material Desc: Not Listed

Tanks:

Tank ID: 1
Tank Status: Permanently Out of Use
Tank Capacity: 4000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1975
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 1
Tank Status: Permanently Out of Use
Tank Capacity: 1000
Substance Description: Diesel
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1959
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 1
Tank Status: Permanently Out of Use
Tank Capacity: 10000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1980
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Not Listed

Tank ID: 1
Tank Status: Permanently Out of Use
Tank Capacity: 10000
Substance Description: Diesel
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1974
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 2
Tank Status: Permanently Out of Use
Tank Capacity: 10000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1980
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 2
Tank Status: Permanently Out of Use
Tank Capacity: 4000

WESTVACO CORPORATION (Continued) **U003865806**

Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1975
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 3
Tank Status: Permanently Out of Use
Tank Capacity: 10000
Substance Description: Diesel
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1959
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 4
Tank Status: Permanently Out of Use
Tank Capacity: 10000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1959
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Not Listed

Tanks:

Tank ID: 1
Tank Status: Permanently Out of Use
Tank Capacity: 4000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1975
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 1
Tank Status: Permanently Out of Use
Tank Capacity: 1000
Substance Description: Diesel
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1959
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 1
Tank Status: Permanently Out of Use
Tank Capacity: 10000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1980
Tank Material Desc: Asphalt Coated or Bare Steel

WESTVACO CORPORATION (Continued) **U003865806**

Pipe Material Desc: Not Listed

Tank ID: 1
Tank Status: Permanently Out of Use
Tank Capacity: 10000
Substance Description: Diesel
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1974
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 2
Tank Status: Permanently Out of Use
Tank Capacity: 10000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1980
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 2
Tank Status: Permanently Out of Use
Tank Capacity: 4000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1975
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 3
Tank Status: Permanently Out of Use
Tank Capacity: 10000
Substance Description: Diesel
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1959
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 4
Tank Status: Permanently Out of Use
Tank Capacity: 10000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A
Date Installed: 01/01/1959
Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Not Listed

MD Financial Assurance 2:
Name: WESTVACO CORPORATION
Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540

WESTVACO CORPORATION (Continued) **U003865806**

Region:	2
Facility ID:	8372
Self Insured:	False
Insurance:	False
Risk Retention Group:	False
Guarantee:	False
Surety Bonds:	False
Letter of Credit:	False
State Fund:	False
Other Finance:	False
Finacnce Comments:	Not reported
FR Not Listed:	False

Name:	LUKE MILL
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540
Region:	2
Facility ID:	14726
Self Insured:	False
Insurance:	False
Risk Retention Group:	False
Guarantee:	False
Surety Bonds:	False
Letter of Credit:	False
State Fund:	False
Other Finance:	False
Finacnce Comments:	Not reported
FR Not Listed:	False

Name:	SAVAGE WOODYARD
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540
Region:	2
Facility ID:	14727
Self Insured:	False
Insurance:	False
Risk Retention Group:	False
Guarantee:	False
Surety Bonds:	False
Letter of Credit:	False
State Fund:	False
Other Finance:	False
Finacnce Comments:	Not reported
FR Not Listed:	False

Name:	WESTVACO RESOURCES, INC.
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540
Region:	2
Facility ID:	14267
Self Insured:	False
Insurance:	False
Risk Retention Group:	False
Guarantee:	False
Surety Bonds:	False
Letter of Credit:	False
State Fund:	False

WESTVACO CORPORATION (Continued) **U003865806**

Other Finance: False
Finacnce Comments: Not reported
FR Not Listed: False

H46 **LUKE PAPER CO** **RCRA NonGen / NLR** **1000422751**
SSE **300 PRATT ST** **FTTS** **MDD000218669**
< 1/8 **LUKE, MD 21540** **HIST FTTS**
0.114 mi. **US AIRS**
600 ft. **Site 3 of 10 in cluster H** **NJ MANIFEST**

Actual: **966 ft.**

Focus Map: **26**

RCRA Listings:

Date Form Received by Agency:	20220520
Handler Name:	V Luke Llc - Closed Paper Mill
Handler Address:	300 PRATT STREET
Handler City,State,Zip:	LUKE, MD 21540-1099
EPA ID:	MDD000218669
Contact Name:	GLEN GILBERT
Contact Address:	300 PRATT STREET
Contact City,State,Zip:	LUKE, MD 21540-1099
Contact Telephone:	304-813-4831
Contact Fax:	Not reported
Contact Email:	GLEN26743@GMAIL.COM
Contact Title:	PLANT MANAGER
EPA Region:	03
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	300 PRATT STREET
Mailing City,State,Zip:	LUKE, MD 21540-1099
Owner Name:	Pcr Luke Llc
Owner Type:	Private
Operator Name:	Glen Gilbert
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No

LUKE PAPER CO (Continued) **1000422751**

Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220617
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D003
Waste Description:	Reactive Waste
Waste Code:	D004
Waste Description:	Arsenic
Waste Code:	D005
Waste Description:	Barium
Waste Code:	D006
Waste Description:	Cadmium
Waste Code:	D007
Waste Description:	Chromium
Waste Code:	D008
Waste Description:	Lead

LUKE PAPER CO (Continued) **1000422751**

Waste Code: D009
Waste Description: Mercury

Waste Code: D018
Waste Description: Benzene

Waste Code: D021
Waste Description: Chlorobenzene

Waste Code: D027
Waste Description: 1,4-Dichlorobenzene

Waste Code: D035
Waste Description: Methyl Ethyl Ketone

Waste Code: D039
Waste Description: Tetrachloroethylene

Waste Code: D040
Waste Description: Trichlorethylene

Waste Code: F001
Waste Description: The Following Spent Halogenated Solvents Used In Degreasing: Tetrachloroethylene, Trichlorethylene, Methylene Chloride, 1,1,1-Trichloroethane, Carbon Tetrachloride And Chlorinated Fluorocarbons; All Spent Solvent Mixtures/Blends Used In Degreasing Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F002
Waste Description: The Following Spent Halogenated Solvents: Tetrachloroethylene, Methylene Chloride, Trichloroethylene, 1,1,1-Trichloroethane, Chlorobenzene, 1,1,2-Trichloro-1,2,2-Trifluoroethane, Ortho-Dichlorobenzene, Trichlorofluoromethane, And 1,1,2, Trichloroethane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F001, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F003
Waste Description: The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F005
Waste Description: The Following Spent Nonhalogenated Solvents: Toluene, Methyl Ethyl Ketone, Carbon Disulfide, Isobutanol, Pyridine, Benzene,

LUKE PAPER CO (Continued) **1000422751**

2-Ethoxyethanol, And 2-Nitropropane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, Or F004; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: P010
Waste Description: Arsenic Acid H3aso4

Waste Code: P012
Waste Description: Arsenic Oxide As2o3 (Or) Arsenic Trioxide

Waste Code: P022
Waste Description: Carbon Disulfide

Waste Code: P030
Waste Description: Cyanides (Soluble Cyanide Salts), Not Otherwise Specified

Waste Code: P090
Waste Description: Not Defined

Waste Code: P105
Waste Description: Sodium Azide

Waste Code: P106
Waste Description: Sodium Cyanide (Or) Sodium Cyanide Na(Cn)

Waste Code: P120
Waste Description: Vanadium Oxide V2o5 (Or) Vanadium Pentoxide

Waste Code: U002
Waste Description: 2-Propanone (I) (Or) Acetone (I)

Waste Code: U013
Waste Description: Not Defined

Waste Code: U019
Waste Description: Benzene (I,T)

Waste Code: U021
Waste Description: [1,1'-Biphenyl]-4,4'-Diamine (Or) Benzidine

Waste Code: U032
Waste Description: Calcium Chromate (Or) Chromic Acid H2cro4, Calcium Salt

Waste Code: U044
Waste Description: Chloroform (Or) Methane, Trichloro-

Waste Code: U108
Waste Description: 1,4-Diethyleneoxide (Or) 1,4-Dioxane

Waste Code: U112
Waste Description: Acetic Acid, Ethyl Ester (I) (Or) Ethyl Acetate (I)

Waste Code: U117
Waste Description: Ethane, 1,1'-Oxybis-(I) (Or) Ethyl Ether (I)

LUKE PAPER CO (Continued) **1000422751**

Waste Code: U122
Waste Description: Formaldehyde

Waste Code: U125
Waste Description: 2-Furancarboxaldehyde (I) (Or) Furfural (I)

Waste Code: U133
Waste Description: Hydrazine (R,T)

Waste Code: U134
Waste Description: Hydrofluoric Acid (C,T) (Or) Hydrogen Fluoride (C,T)

Waste Code: U135
Waste Description: Hydrogen Sulfide (Or) Hydrogen Sulfide H2s

Waste Code: U140
Waste Description: 1-Propanol, 2-Methyl- (I,T) (Or) Isobutyl Alcohol (I,T)

Waste Code: U144
Waste Description: Acetic Acid, Lead(2+) Salt (Or) Lead Acetate

Waste Code: U151
Waste Description: Mercury

Waste Code: U154
Waste Description: Methanol (I) (Or) Methyl Alcohol (I)

Waste Code: U182
Waste Description: 1,3,5-Trioxane, 2,4,6-Trimethyl- (Or) Paraldehyde

Waste Code: U188
Waste Description: Phenol

Waste Code: U213
Waste Description: Furan, Tetrahydro-(I) (Or) Tetrahydrofuran (I)

Waste Code: U226
Waste Description: Ethane, 1,1,1-Trichloro- (Or) Methyl Chloroform

Waste Code: U228
Waste Description: Ethene, Trichloro- (Or) Trichloroethylene

Waste Code: U239
Waste Description: Benzene, Dimethyl- (I,T) (Or) Xylene (I)

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: RICHARD J. WATRO	
Legal Status:	Private
Date Became Current:	20110701
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

LUKE PAPER CO (Continued) **1000422751**

Owner/Operator Indicator:	Operator
Owner/Operator Name: ROGER A DANDRIDGE	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	20040701
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: RICHARD J WATRO	
Legal Status:	Private
Date Became Current:	20040701
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: VERSO CORPORATION	
Legal Status:	Private
Date Became Current:	20150107
Date Ended Current:	Not reported
Owner/Operator Address:	8540 GANDER CREEK DRIVE
Owner/Operator City,State,Zip:	MIAMISBURG, OH 45342
Owner/Operator Telephone:	877-855-7243
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	DAVID.SAMS@VERSOCO.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name: GLEN GILBERT	
Legal Status:	Private
Date Became Current:	20180101
Date Ended Current:	Not reported
Owner/Operator Address:	300 PRATT ST
Owner/Operator City,State,Zip:	LUKE, MD 21540
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: VERSO CORPORATION	
Legal Status:	Private
Date Became Current:	20150107
Date Ended Current:	Not reported
Owner/Operator Address:	8540 GANDER CREEK DRIVE
Owner/Operator City,State,Zip:	MIAMISBURG, OH 45342
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

LUKE PAPER CO (Continued) **1000422751**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: NEWPAGE CORPORATION	
Legal Status:	Private
Date Became Current:	20050701
Date Ended Current:	Not reported
Owner/Operator Address:	300 PRATT ST
Owner/Operator City,State,Zip:	LUKE, MD 21540
Owner/Operator Telephone:	301-359-3311
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: ROGER A DANDRIDGE	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: GLEN GILBERT	
Legal Status:	Private
Date Became Current:	20190701
Date Ended Current:	Not reported
Owner/Operator Address:	300 PRATT STREET
Owner/Operator City,State,Zip:	LUKE, MD 21540
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: GLEN GILBERT	
Legal Status:	Private
Date Became Current:	20190701
Date Ended Current:	Not reported
Owner/Operator Address:	300 PRATT STREET
Owner/Operator City,State,Zip:	LUKE, MD 21540
Owner/Operator Telephone:	301-359-3311
Owner/Operator Telephone Ext:	3305
Owner/Operator Fax:	Not reported
Owner/Operator Email:	GLEN.GILBERT@VERSOCO.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name: GLEN GILBERT	
Legal Status:	Private
Date Became Current:	20220415
Date Ended Current:	Not reported
Owner/Operator Address:	300 PRATT STREET

LUKE PAPER CO (Continued) **1000422751**

Owner/Operator City,State,Zip:	LUKE, MD 21540-1099
Owner/Operator Telephone:	304-813-4831
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: MEADWESTVACO CORP	
Legal Status:	Private
Date Became Current:	20020103
Date Ended Current:	Not reported
Owner/Operator Address:	299 PARK AVE
Owner/Operator City,State,Zip:	NEW YORK, NY 10171
Owner/Operator Telephone:	212-688-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: ROGER A DANDRIDGE	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	20040701
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: NEWPAGE CORPORATION	
Legal Status:	Private
Date Became Current:	20050502
Date Ended Current:	Not reported
Owner/Operator Address:	COURTHOUSE PLAZA NE
Owner/Operator City,State,Zip:	DAYTON, OH 21540
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: OPERNAME	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, AK 99999
Owner/Operator Telephone:	215-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: MEADWESTVACO CORP	
Legal Status:	Private

LUKE PAPER CO (Continued) **1000422751**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	299 PARK AVE
Owner/Operator City,State,Zip:	NEW YORK, NY 10171
Owner/Operator Telephone:	212-688-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: RICHARD J WATRO	
Legal Status:	Private
Date Became Current:	20040701
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: VERSO CORPORATION - LUKE MILL	
Legal Status:	Private
Date Became Current:	20150101
Date Ended Current:	Not reported
Owner/Operator Address:	300 PRATT ST
Owner/Operator City,State,Zip:	LUKE, MD 21540
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: PCR LUKE LLC	
Legal Status:	Private
Date Became Current:	20220415
Date Ended Current:	Not reported
Owner/Operator Address:	1654 KING STREET
Owner/Operator City,State,Zip:	ENFIELD, CT 06082
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: MEADWESTVACO CORP	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	299 PARK AVE
Owner/Operator City,State,Zip:	NEW YORK, NY 10171
Owner/Operator Telephone:	212-688-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

LUKE PAPER CO (Continued) **1000422751**

Owner/Operator Indicator: Owner
Owner/Operator Name: MEADWESTVACO CORP
Legal Status: Private
Date Became Current: 20020103
Date Ended Current: 20050502
Owner/Operator Address: 299 PARK AVE
Owner/Operator City,State,Zip: NEW YORK, NY 10171
Owner/Operator Telephone: 212-688-5000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20120326
Handler Name: LUKE MILL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20200228
Handler Name: VERSO LUKE LLC - PULP & PAPER COMPANY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20220520
Handler Name: V LUKE LLC - CLOSED PAPER MILL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19940616
Handler Name: MEADWESTVACO CORP LUKE MD
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

LUKE PAPER CO (Continued) **1000422751**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800818
Handler Name: MEADWESTVACO CORP LUKE MD
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020307
Handler Name: MEADWESTVACO CORP LUKE MD
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20030221
Handler Name: MEADWESTVACO MARYLAND INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040824
Handler Name: MEADWESTVACO MARYLAND INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No

LUKE PAPER CO (Continued) **1000422751**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20050523
Handler Name: LUKE PAPER CO
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20180301
Handler Name: VERSO LUKE LLC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20191122
Handler Name: VERSO LUKE LLC - PULP & PAPER COMPANY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19920228
Handler Name: WESTVACO CORP.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940218
Handler Name: WESTVACO CORP.

LUKE PAPER CO (Continued) **1000422751**

Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960227
Handler Name: WESTVACO CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19980220
Handler Name: WESTVACO CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20000320
Handler Name: WESTVACO CORPORATION/LUKE MILL FACILITY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 32211
NAICS Description: PULP MILLS

NAICS Code: 322110
NAICS Description: PULP MILLS

LUKE PAPER CO (Continued) **1000422751**

NAICS Code: 32212
NAICS Description: PAPER MILLS

NAICS Code: 322121
NAICS Description: PAPER (EXCEPT NEWSPRINT) MILLS

NAICS Code: 32213
NAICS Description: PAPERBOARD MILLS

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

LUKE PAPER CO (Continued) **1000422751**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	20191211
Actual Return to Compliance Date:	20191212
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

LUKE PAPER CO (Continued) **1000422751**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	20191211
Actual Return to Compliance Date:	20191212
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	20160428
Actual Return to Compliance Date:	20160428
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

LUKE PAPER CO (Continued) **1000422751**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

LUKE PAPER CO (Continued) **1000422751**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20191211
Actual Return to Compliance Date:	20191211
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

LUKE PAPER CO (Continued) **1000422751**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	20191211
Actual Return to Compliance Date:	20200121
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

LUKE PAPER CO (Continued) **1000422751**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	20191211
Actual Return to Compliance Date:	20191212
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

LUKE PAPER CO (Continued) **1000422751**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20160428
Actual Return to Compliance Date:	20160428
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

LUKE PAPER CO (Continued) **1000422751**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

LUKE PAPER CO (Continued) **1000422751**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

LUKE PAPER CO (Continued) **1000422751**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

LUKE PAPER CO (Continued) **1000422751**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

LUKE PAPER CO (Continued) **1000422751**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19840308
Actual Return to Compliance Date:	19840308
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19840308
Enforcement Identifier:	001

LUKE PAPER CO (Continued) **1000422751**

Date of Enforcement Action:	19840308
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

LUKE PAPER CO (Continued) **1000422751**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	19840403
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19870811
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20191211
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	MDBCT
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20191212
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20191211
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	MDBCT
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20191212

LUKE PAPER CO (Continued) **1000422751**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20160428
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	MDANE
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20160428
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19890309
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20200623
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	MDBCT
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20191211
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	MDBCT
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20191211
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

LUKE PAPER CO (Continued) **1000422751**

Evaluation Date:	20191211
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	MDBCT
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20200121
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20191211
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	MDBCT
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20191212
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20021106
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	KJC
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20160428
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	MDANE
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20160428
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19890328
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported

LUKE PAPER CO (Continued) **1000422751**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19840516
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20210504
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	PSA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19840913
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19860730
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

LUKE PAPER CO (Continued) **1000422751**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19831201
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19870306
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19840308
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19840308
Scheduled Compliance Date:	19840308
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19861014
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

LUKE PAPER CO (Continued) **1000422751**

FTTS INSP:

Inspection Number:	198511183259 1
Region:	03
Inspection Date:	11/18/85
Inspector:	TAN
Violation occurred:	No
Investigation Type:	Section 5 Inspections
Investigation Reason:	Neutral Scheme, Associated
Legislation Code:	TSCA
Facility Function:	Manufacturer/Importer

Inspection Number:	19881128MD020 1
Region:	03
Inspection Date:	11/28/88
Inspector:	LEA
Violation occurred:	No
Investigation Type:	Section 6 PCB State Conducted
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	User

Inspection Number:	198511183259 3
Region:	03
Inspection Date:	11/18/85
Inspector:	TAN
Violation occurred:	No
Investigation Type:	Section 8C Records Rule
Investigation Reason:	Neutral Scheme, Associated
Legislation Code:	TSCA
Facility Function:	Manufacturer/Importer

Inspection Number:	198511183259 2
Region:	03
Inspection Date:	11/18/85
Inspector:	TAN
Violation occurred:	No
Investigation Type:	Section 8 Inventory Rule
Investigation Reason:	Neutral Scheme, Associated
Legislation Code:	TSCA
Facility Function:	Manufacturer/Importer

HIST FTTS INSP:

Inspection Number:	19881128MD020 1
Region:	03
Inspection Date:	Not reported
Inspector:	LEA
Violation occurred:	No
Investigation Type:	Section 6 PCB State Conducted
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	User

Inspection Number:	198511183259 2
Region:	03
Inspection Date:	Not reported

LUKE PAPER CO (Continued) **1000422751**

Inspector: TAN
Violation occurred: No
Investigation Type: Section 8 Inventory Rule
Investigation Reason: Neutral Scheme, Associated
Legislation Code: TSCA
Facility Function: Manufacturer/Importer

Inspection Number: 198511183259 3
Region: 03
Inspection Date: Not reported
Inspector: TAN
Violation occurred: No
Investigation Type: Section 8C Records Rule
Investigation Reason: Neutral Scheme, Associated
Legislation Code: TSCA
Facility Function: Manufacturer/Importer

Inspection Number: 198511183259 1
Region: 03
Inspection Date: Not reported
Inspector: TAN
Violation occurred: No
Investigation Type: Section 5 Inspections
Investigation Reason: Neutral Scheme, Associated
Legislation Code: TSCA
Facility Function: Manufacturer/Importer

US AIRS (AFS):
Region Code: 03
County Code: WV057
Programmatic ID: AIR WV00005700008
Facility Registry ID: 110007334072
D and B Number: Not reported
Facility Site Name: LUKE PAPER COMPANY, BERYL
Primary SIC Code: 2611
NAICS Code: 322110
Default Air Classification Code: MAJ
Facility Type of Ownership Code: POF
Air CMS Category Code: TVM
HPV Status: Not reported
Region Code: 03
County Code: WV057
Programmatic ID: AIR WV00005700008
Facility Registry ID: 110007334072
D and B Number: Not reported
Facility Site Name: LUKE PAPER COMPANY, BERYL
Primary SIC Code: 2611
NAICS Code: 322121
Default Air Classification Code: MAJ
Facility Type of Ownership Code: POF
Air CMS Category Code: TVM
HPV Status: Not reported
Region Code: 03
County Code: WV057
Programmatic ID: AIR WV00005700008
Facility Registry ID: 110007334072

LUKE PAPER CO (Continued) **1000422751**

D and B Number: Not reported
Facility Site Name: LUKE PAPER COMPANY, BERYL
Primary SIC Code: 2611
NAICS Code: 327410
Default Air Classification Code: MAJ
Facility Type of Ownership Code: POF
Air CMS Category Code: TVM
HPV Status: Not reported

US AIRS (AFS):
Region Code: 03
Programmatic ID: AIR WV00005700008
Facility Registry ID: 110007334072
Air Operating Status Code: OPR
Default Air Classification Code: MAJ

Air Program: Title V Permits
Activity Date: 2016-09-08 00:00:00
Activity Status Date: 2016-10-05 18:30:53
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Air Program: Title V Permits
Activity Date: 2016-03-09 00:00:00
Activity Status Date: 2016-04-19 17:20:55
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Air Program: Title V Permits
Activity Date: 2015-09-02 00:00:00
Activity Status Date: 2015-09-16 16:25:50
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Air Program: Title V Permits
Activity Date: 2015-03-13 00:00:00
Activity Status Date: 2015-04-01 17:39:59
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2015-02-25 00:00:00
Activity Status Date: 2015-04-01 17:39:55
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-02-25 00:00:00
Activity Status Date: 2015-04-01 17:39:55
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

LUKE PAPER CO (Continued) **1000422751**

Air Program: Title V Permits
Activity Date: 2014-06-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2014-03-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-03-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2013-03-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2013-03-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2013-03-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2013-03-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2012-04-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits

LUKE PAPER CO (Continued) **1000422751**

Activity Date: 2012-03-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2011-09-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-09-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2011-09-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2011-03-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2010-10-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2009-07-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-06-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2009-06-09 00:00:00

LUKE PAPER CO (Continued) **1000422751**

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2009-06-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2008-10-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2007-06-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-06-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2007-06-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2007-01-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2006-01-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2005-03-13 00:00:00
Activity Status Date: Not reported

LUKE PAPER CO (Continued) **1000422751**

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2005-02-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2004-03-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2004-03-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-03-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2004-01-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-01-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2004-01-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2003-07-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

LUKE PAPER CO (Continued) **1000422751**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2003-07-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-07-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-07-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2003-07-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2003-07-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2003-04-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-04-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2003-04-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

LUKE PAPER CO (Continued) **1000422751**

Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-04-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2003-04-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-01-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2003-01-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2003-01-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2003-01-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-01-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2003-01-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

LUKE PAPER CO (Continued) **1000422751**

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-01-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2003-01-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2003-01-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2002-10-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-10-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2002-10-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-07-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2002-07-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits

LUKE PAPER CO (Continued) **1000422751**

Activity Date: 2002-05-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-05-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2002-01-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-01-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2001-02-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2001-02-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-12-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Information Request
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 1999-05-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-05-25 00:00:00

LUKE PAPER CO (Continued) **1000422751**

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-04-19 00:00:00
Activity Status Date: 1999-04-19 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-07-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Information Request
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 1998-07-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-07-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-03-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-02-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Information Request
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-10-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 1997-10-27 00:00:00
Activity Status Date: Not reported

LUKE PAPER CO (Continued) **1000422751**

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-08-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-08-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 1997-08-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-08-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-06-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 1997-06-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-09-13 00:00:00
Activity Status Date: 1996-09-13 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-09-13 00:00:00
Activity Status Date: 1996-09-13 00:00:00
Activity Group: Enforcement Action

LUKE PAPER CO (Continued) **1000422751**

Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-08-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1995-03-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-02-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-06-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1992-06-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-11-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-09-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-06-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

LUKE PAPER CO (Continued) **1000422751**

Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-05-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-08-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-09-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-04-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-09-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-01-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

US AIRS MINOR:
Envid: 1000422751
Region Code: 03
Programmatic ID: AIR MD0000002400100215
Facility Registry ID: 110007334072
D and B Number: Not reported
Primary SIC Code: 2621
NAICS Code: 322121
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

LUKE PAPER CO (Continued) **1000422751**

Facility Info:

EPA ID:	MDD000218669
Name:	VERSO LUKE LLC
Address:	300 PRATT ST.
City,State,Zip:	LUKE, MD 21540-0000
County:	Not reported
Mailing Address:	300 PRATT ST.
Mailing City,State,Zip:	LUKE, MD 21540-0000
Telephone:	Not reported
Emergency Telephone:	Not reported
Contact:	RONALD E PAUGH
Comments:	Not reported
SIC Code:	Not reported
County:	MD001
Municipal:	Not reported
Previous EPAID:	Not reported
Generator Flag:	Not reported
Transporter Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest Data:

EPA ID:	MDD000218669
Manifest Number:	000133599VES
Date Shipped:	06/19/2008
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	06/19/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	07/03/2008
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported

LUKE PAPER CO (Continued) **1000422751**

Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	N
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H141
Quantity:	4
Unit:	P
Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H141
Quantity:	25
Unit:	P
Manifest Year:	Not reported
Waste Code:	D003
Hand Code:	H141
Quantity:	1
Unit:	P
Manifest Year:	Not reported
Waste Code:	D002
Hand Code:	H141
Quantity:	1
Unit:	P
Manifest Year:	Not reported
Waste Code:	U188
Hand Code:	H141
Quantity:	10
Unit:	P
Manifest Year:	Not reported
Waste Code:	D002
Hand Code:	H141
Quantity:	4
Unit:	P

H47 **LUKE PAPER CO** **MD PFAS** **S127733420**
SSE **300 PRATT ST** **N/A**
< 1/8 **LUKE, MD**
0.114 mi.
600 ft. **Site 4 of 10 in cluster H**

Actual:
966 ft.

Focus Map:
26

PFAS:

Name:	LUKE PAPER CO
Address:	300 PRATT ST
City,State,Zip:	LUKE, MD
Object ID:	Not reported
HW ID:	832

LUKE PAPER CO (Continued) **S127733420**

Origin ID:	21540WSTVC300PR
Facility Type:	TRI
Last update:	Not reported
PFAS use known/confirmed:	Not reported
PFAS detected:	Not reported
Total PFAS max conc EFFLUENT (ng/L):	Not reported
Total PFAS max conc gw (ng/L):	Not reported
Total PFAS max conc sw (ng/L):	Not reported
Total PFAS max conc soil (ng/g):	Not reported
Total PFAS max conc sed (ng/g):	Not reported
PFAS detects in domestic wells:	Not reported
Comments:	Not reported
Site Latitude:	Not reported
Site Longitude:	Not reported
URL:	Not reported

H48 **LUKE PAPER COMPANY** **MD MANIFEST** **S107768381**
SSE **300 PRATT ST** **MD NPDES** **N/A**
< 1/8 **LUKE, MD 21540**
0.114 mi.
600 ft. **Site 5 of 10 in cluster H**

Actual:
966 ft.

Focus Map:
26

MANIFEST:

EPAID:	MDD000218669
Name:	LUKE PAPER COMPANY
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540
Manifest Number:	002035934GBF
Transporter 1:	HERITAGE-CRYSTAL CLEAN LLC
Transporter 2:	NEIER INC
Generator Certifier:	J. THOMAS MARTIN
Date Shipped Out:	01/15/2015
Destination Facility Certifier:	ETHAN DAVIS
Date Arrived at Destingation Facility:	01/28/2015
Quantity:	15
Unit:	GALLONS

EPAID:	MDD000218669
Name:	LUKE PAPER COMPANY
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540
Manifest Number:	002035952GBF
Transporter 1:	HERITAGE CRYSTAL CLEAN LLC
Transporter 2:	FREEHOLD CARTAGE INC
Generator Certifier:	J. THOMAS MARTIN
Date Shipped Out:	06/09/2015
Destination Facility Certifier:	ETHAN DAVIS
Date Arrived at Destingation Facility:	06/28/2015
Quantity:	15
Unit:	GALLONS

EPAID:	MDD000218669
Name:	LUKE PAPER COMPANY
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540
Manifest Number:	002035965GBF
Transporter 1:	HERITAGE-CRYSTAL CLEAN LLC
Transporter 2:	NEIR INC

LUKE PAPER COMPANY (Continued) **S107768381**

Generator Certifier:	J. THOMAS MARTIN
Date Shipped Out:	02/18/2015
Destination Facility Certifier:	ETHAN DAVIS
Date Arrived at Destingation Facility:	03/06/2015
Quantity:	50
Unit:	POUNDS

EPAID:	MDD000218669
Name:	LUKE PAPER COMPANY
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540
Manifest Number:	002754153GBF
Transporter 1:	HERITAGE-CRYSTAL CLEAN, LLC
Transporter 2:	S J TRANSPORTATION CO INC.
Generator Certifier:	J. THOMAS MARTIN
Date Shipped Out:	02/23/2016
Destination Facility Certifier:	ROBERT BERAND
Date Arrived at Destingation Facility:	03/15/2016
Quantity:	10
Unit:	Gallons

EPAID:	MDD000218669
Name:	LUKE PAPER COMPANY
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540
Manifest Number:	015830464JJK
Transporter 1:	CLEAN VENTURE INC
Transporter 2:	Not reported
Generator Certifier:	J. THOMAS MARTIN
Date Shipped Out:	12/27/2017
Destination Facility Certifier:	STEPH MECKLEY
Date Arrived at Destingation Facility:	12/27/2017
Quantity:	545
Unit:	Gallons

EPAID:	MDD000218669
Name:	LUKE PAPER COMPANY
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540
Manifest Number:	002754044GBF
Transporter 1:	HERITAGE-CRYSTAL CLEAN, LLC
Transporter 2:	SJ TRANSPORTATION CO INC
Generator Certifier:	ANDREW AMYAT
Date Shipped Out:	02/24/2017
Destination Facility Certifier:	T. MCCULLUM
Date Arrived at Destingation Facility:	03/08/2017
Quantity:	200
Unit:	Gallons

EPAID:	MDD000218669
Name:	LUKE PAPER COMPANY
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540
Manifest Number:	002754065GBF
Transporter 1:	HERITAGE-CRYSTAL CLEAN LLC
Transporter 2:	SJ TRANSPORTATION CO INC
Generator Certifier:	J THOMAS MARTIN

LUKE PAPER COMPANY (Continued) **S107768381**

Date Shipped Out:	05/18/2017
Destination Facility Certifier:	T MC CULLOUGH
Date Arrived at Destingation Facility:	06/21/2017
Quantity:	1175
Unit:	Gallons
EPAID:	MDD000218669
Name:	LUKE PAPER COMPANY
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540
Manifest Number:	002754073GBF
Transporter 1:	HERITAGE - CRYSTAL CLEAN, LLC
Transporter 2:	SJ TRANSPORTATION CO INC
Generator Certifier:	J. THOMAS MARTIN
Date Shipped Out:	06/14/2017
Destination Facility Certifier:	T. MCCULLOUGH
Date Arrived at Destingation Facility:	07/11/2017
Quantity:	100
Unit:	Gallons
EPAID:	MDD000218669
Name:	LUKE PAPER COMPANY
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540
Manifest Number:	002754077GBF
Transporter 1:	HERITAGE -CRYSTAL CLEAN, LLC
Transporter 2:	SJ TRANSPORTATION CO INC
Generator Certifier:	J. THOMAS MARTIN
Date Shipped Out:	06/14/2017
Destination Facility Certifier:	T. MCCULLOUGH
Date Arrived at Destingation Facility:	07/11/2017
Quantity:	200
Unit:	Gallons
EPAID:	MDD000218669
Name:	LUKE PAPER COMPANY
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540
Manifest Number:	002984795GBF
Transporter 1:	HERITAGE-CRYSTAL CLEAN, LLC
Transporter 2:	SJ TRANSPORTATION CO INC
Generator Certifier:	ANDREW DAMKUT
Date Shipped Out:	02/24/2017
Destination Facility Certifier:	TOM / BRUCE S. PECK
Date Arrived at Destingation Facility:	03/08/2017
Quantity:	220
Unit:	Gallons
EPAID:	MDD000218669
Name:	LUKE PAPER COMPANY
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540
Manifest Number:	002984854GBF
Transporter 1:	HERITAGE-CRYSTAL CLEAN LLC
Transporter 2:	SJ TRANSPORTATION CO INC
Generator Certifier:	J THOMAS MARTIN
Date Shipped Out:	08/31/2017

LUKE PAPER COMPANY (Continued) **S107768381**

Destination Facility Certifier: ROBERT BERAND
Date Arrived at Destingation Facility: 09/15/2017
Quantity: 80
Unit: Pounds

Click this hyperlink while viewing on your computer to access
8 additional MD_MANIFEST: record(s) in the EDR Site Report.

NPDES:

Name:	LUKE PAPER COMPANY
Address:	300 PRATT ST
City,State,Zip:	LUKE, MD 21540
Facility Status:	Not reported
Bay Trib Number:	Not reported
Watershed:	Not reported
Permit Type:	Not reported
Description:	Not reported
Sic Number:	Not reported
Permit Number:	Not reported
Npdes Number:	Not reported
App Description:	Not reported
Latitude/Longitude:	Not reported
Last Issued:	Not reported
Expiration Date:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Received:	Received_July2012
Comments:	Application received for Renewal Part 70 PTO for One (1) Kraft pulp and paper mill
AI ID:	Not reported
Address 2:	Not reported
SIC Description:	Not reported
SIC Code2:	Not reported
SIC Description 2:	Not reported
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	Not reported
State Number:	Not reported
Approval Issued Date:	Not reported
Effective End Date:	Not reported
Name:	LUKE PAPER COMPANY
Address:	300 PRATT ST
City,State,Zip:	LUKE, MD 21540
Facility Status:	Not reported
Bay Trib Number:	Not reported
Watershed:	Not reported
Permit Type:	Not reported
Description:	Not reported
Sic Number:	Not reported
Permit Number:	Not reported
Npdes Number:	Not reported
App Description:	Not reported

LUKE PAPER COMPANY (Continued) **S107768381**

Latitude/Longitude:	Not reported
Last Issued:	Not reported
Expiration Date:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Received:	Received_June2016
Comments:	Application received for Simple PTC for Mod. of Boiler #25 to include Control Device
AI ID:	Not reported
Address 2:	Not reported
SIC Description:	Not reported
SIC Code2:	Not reported
SIC Description 2:	Not reported
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	Not reported
State Number:	Not reported
Approval Issued Date:	Not reported
Effective End Date:	Not reported
Name:	LUKE PAPER COMPANY
Address:	300 PRATT ST
City,State,Zip:	LUKE, MD 21540
Facility Status:	Not reported
Bay Trib Number:	Not reported
Watershed:	Not reported
Permit Type:	Not reported
Description:	Not reported
Sic Number:	Not reported
Permit Number:	Not reported
Npdes Number:	Not reported
App Description:	Not reported
Latitude/Longitude:	Not reported
Last Issued:	Not reported
Expiration Date:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Received:	Received_July2016
Comments:	Issued 001-0011-3-0018 Simple PTC for Mod. to Boiler #25 to include Ctrl
AI ID:	Not reported
Address 2:	Not reported
SIC Description:	Not reported
SIC Code2:	Not reported
SIC Description 2:	Not reported
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	Not reported

LUKE PAPER COMPANY (Continued) **S107768381**

State Number:	Not reported
Approval Issued Date:	Not reported
Effective End Date:	Not reported
Name:	LUKE PAPER COMPANY
Address:	300 PRATT ST
City,State,Zip:	LUKE, MD 21540
Facility Status:	Not reported
Bay Trib Number:	Not reported
Watershed:	Not reported
Permit Type:	Not reported
Description:	Not reported
Sic Number:	Not reported
Permit Number:	Not reported
Npdes Number:	Not reported
App Description:	Not reported
Latitude/Longitude:	Not reported
Last Issued:	Not reported
Expiration Date:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Received:	Received_July2016
Comments:	Issued 001-0011-3-0019 Simple PTC for Mod. Fuel Switch Coal to NG

AI ID:	Not reported
Address 2:	Not reported
SIC Description:	Not reported
SIC Code2:	Not reported
SIC Description 2:	Not reported
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	Not reported
State Number:	Not reported
Approval Issued Date:	Not reported
Effective End Date:	Not reported
Name:	NEW PAGE CORPORATION - LUKE
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540
Facility Status:	IE
Bay Trib Number:	02141001
Watershed:	LOWER NORTH BR POTOMAC RIVER
Permit Type:	WMA1M
Description:	MAJOR SURFACE INDUSTRIAL DISCH
Sic Number:	2621
Permit Number:	95DP0300
Npdes Number:	MD0001422
App Description:	RENEWAL - MAJOR FACILITY
Latitude/Longitude:	392954 / 790342
Last Issued:	05/01/2001
Expiration Date:	04/30/2006
Owner Name:	NEWPAGE CORPORATION D/B/A LUKE PAPER COMPANY
Owner Address:	300 PRATT STREET
Owner Address 2:	Not reported
Owner City:	LUKE

LUKE PAPER COMPANY (Continued) **S107768381**

Owner State:	MD
Owner Zip:	21540
Received:	Not reported
Comments:	Not reported
AI ID:	Not reported
Address 2:	Not reported
SIC Description:	Not reported
SIC Code2:	Not reported
SIC Description 2:	Not reported
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	Not reported
State Number:	Not reported
Approval Issued Date:	Not reported
Effective End Date:	Not reported
Name:	LUKE PAPER COMPANY
Address:	300 PRATT ST.
City,State,Zip:	LUKE, MD 21540
Facility Status:	Not reported
Bay Trib Number:	Not reported
Watershed:	Not reported
Permit Type:	Not reported
Description:	Not reported
Sic Number:	Not reported
Permit Number:	Not reported
Npdes Number:	Not reported
App Description:	Not reported
Latitude/Longitude:	Not reported
Last Issued:	Not reported
Expiration Date:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Received:	Received_April2016
Comments:	(16-1039) Water permit to construct secondary disinfection at Pratt and Grant St., Luke, MD
AI ID:	Not reported
Address 2:	Not reported
SIC Description:	Not reported
SIC Code2:	Not reported
SIC Description 2:	Not reported
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	Not reported
State Number:	Not reported
Approval Issued Date:	Not reported
Effective End Date:	Not reported
Name:	LUKE PAPER COMPANY
Address:	300 PRATT ST
City,State,Zip:	LUKE, MD 21540
Facility Status:	Not reported
Bay Trib Number:	Not reported

LUKE PAPER COMPANY (Continued) **S107768381**

Watershed:	Not reported
Permit Type:	Not reported
Description:	Not reported
Sic Number:	Not reported
Permit Number:	Not reported
Npdes Number:	Not reported
App Description:	Not reported
Latitude/Longitude:	Not reported
Last Issued:	Not reported
Expiration Date:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Received:	Received_April2013
Comments:	Application received for Installation of one (1) Scrubber

AI ID:	Not reported
Address 2:	Not reported
SIC Description:	Not reported
SIC Code2:	Not reported
SIC Description 2:	Not reported
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	Not reported
State Number:	Not reported
Approval Issued Date:	Not reported
Effective End Date:	Not reported
Name:	LUKE PAPER COMPANY
Address:	300 PRATT ST
City,State,Zip:	LUKE, MD 21540
Facility Status:	Not reported
Bay Trib Number:	Not reported
Watershed:	Not reported
Permit Type:	Not reported
Description:	Not reported
Sic Number:	Not reported
Permit Number:	Not reported
Npdes Number:	Not reported
App Description:	Not reported
Latitude/Longitude:	Not reported
Last Issued:	Not reported
Expiration Date:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Received:	Received_May2016
Comments:	Application received for Simple PTC Modification Fuel Switch Coal to Natural Gas

AI ID:	Not reported
Address 2:	Not reported

LUKE PAPER COMPANY (Continued) **S107768381**

SIC Description:	Not reported
SIC Code2:	Not reported
SIC Description 2:	Not reported
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	Not reported
State Number:	Not reported
Approval Issued Date:	Not reported
Effective End Date:	Not reported
Name:	LUKE PAPER COMPANY
Address:	300 PRATT ST
City,State,Zip:	LUKE, MD 21540
Facility Status:	Issued
Bay Trib Number:	Not reported
Watershed:	Lower North Branch Potomac River - 02141001
Permit Type:	Industrial Individual
Description:	Not reported
Sic Number:	2621
Permit Number:	Not reported
Npdes Number:	MD0001422
App Description:	Not reported
Latitude/Longitude:	Not reported
Last Issued:	09/01/2010
Expiration Date:	08/31/2015
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Received:	Not reported
Comments:	Not reported

AI ID:	1873
Address 2:	Not reported
SIC Description:	Paper Mills
SIC Code2:	2611
SIC Description 2:	Pulp Mills
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	09/01/2010
State Number:	05DP0300
Approval Issued Date:	09/01/2010
Effective End Date:	02/27/2016
Name:	LUKE PAPER COMPANY
Address:	300 PRATT ST
City,State,Zip:	LUKE, MD 21540
Facility Status:	Issued
Bay Trib Number:	Not reported
Watershed:	Lower North Branch Potomac River - 02141001
Permit Type:	General Permit
Description:	Not reported
Sic Number:	2621
Permit Number:	Not reported
Npdes Number:	MDR002519
App Description:	Not reported
Latitude/Longitude:	Not reported

LUKE PAPER COMPANY (Continued) **S107768381**

Last Issued:	12/05/2014
Expiration Date:	12/31/2018
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Received:	Not reported
Comments:	Not reported

AI ID:	1873
Address 2:	Not reported
SIC Description:	Sector B - Manufacturing Plant for pulp and fine p
SIC Code2:	2611
SIC Description 2:	Not reported
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	12/05/2014
State Number:	12SW2519
Approval Issued Date:	12/05/2014
Effective End Date:	12/31/2018
Name:	LUKE PAPER COMPANY
Address:	300 PRATT ST
City,State,Zip:	LUKE, MD 21540
Facility Status:	Not reported
Bay Trib Number:	Not reported
Watershed:	Not reported
Permit Type:	Not reported
Description:	Not reported
Sic Number:	Not reported
Permit Number:	Not reported
Npdes Number:	Not reported
App Description:	Not reported
Latitude/Longitude:	Not reported
Last Issued:	Not reported
Expiration Date:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Received:	Received_August2012
Comments:	Application received for Modification to existing boiler to equip for natural gas firing

AI ID:	Not reported
Address 2:	Not reported
SIC Description:	Not reported
SIC Code2:	Not reported
SIC Description 2:	Not reported
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	Not reported
State Number:	Not reported
Approval Issued Date:	Not reported

LUKE PAPER COMPANY (Continued) **S107768381**

Effective End Date:	Not reported
Name:	LUKE PAPER COMPANY
Address:	300 PRATT ST
City,State,Zip:	LUKE, MD 21540
Facility Status:	Issued
Bay Trib Number:	Not reported
Watershed:	Lower North Branch Potomac River - 02141001
Permit Type:	Industrial Individual
Description:	Not reported
Sic Number:	2621
Permit Number:	Not reported
Npdes Number:	MD0001422
App Description:	Not reported
Latitude/Longitude:	Not reported
Last Issued:	09/01/2010
Expiration Date:	08/31/2015
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Received:	Not reported
Comments:	Not reported

AI ID:	1873
Address 2:	Not reported
SIC Description:	Paper Mills
SIC Code2:	2611
SIC Description 2:	Pulp Mills
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	09/01/2010
State Number:	05DP0300
Approval Issued Date:	09/01/2010
Effective End Date:	12/29/2015
Name:	LUKE PAPER COMPANY
Address:	300 PRATT ST
City,State,Zip:	LUKE, MD 21540
Facility Status:	Issued
Bay Trib Number:	Not reported
Watershed:	Lower North Branch Potomac River - 02141001
Permit Type:	General Permit
Description:	Not reported
Sic Number:	2621
Permit Number:	Not reported
Npdes Number:	MDR002519
App Description:	Not reported
Latitude/Longitude:	Not reported
Last Issued:	12/05/2014
Expiration Date:	12/31/2018
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported

LUKE PAPER COMPANY (Continued) **S107768381**

Received:	Not reported
Comments:	Not reported
AI ID:	1873
Address 2:	Not reported
SIC Description:	Sector B - Manufacturing Plant for pulp and fine p
SIC Code2:	2611
SIC Description 2:	Not reported
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	12/05/2014
State Number:	12SW2519
Approval Issued Date:	12/05/2014
Effective End Date:	12/31/2018
Name:	LUKE PAPER COMPANY
Address:	300 PRATT ST
City,State,Zip:	LUKE, MD 21540
Facility Status:	Not reported
Bay Trib Number:	Not reported
Watershed:	Not reported
Permit Type:	Not reported
Description:	Not reported
Sic Number:	Not reported
Permit Number:	Not reported
Npdes Number:	Not reported
App Description:	Not reported
Latitude/Longitude:	Not reported
Last Issued:	Not reported
Expiration Date:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Received:	Received_June2013
Comments:	Application received for Mod. to PTC 001-0011-3-0018 to allow operation of the boiler on 100% natural gas fuel
AI ID:	Not reported
Address 2:	Not reported
SIC Description:	Not reported
SIC Code2:	Not reported
SIC Description 2:	Not reported
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	Not reported
State Number:	Not reported
Approval Issued Date:	Not reported
Effective End Date:	Not reported

H49 **LUKE PAPER COMPANY** **MD ENG CONTROLS** **S109325968**
SSE **300 PRATT STREET** **N/A**
< 1/8 **ALLEGANY, MD 21540**
0.114 mi.
600 ft. **Site 6 of 10 in cluster H**

Actual: ENG CONTROLS:
966 ft. Material: Concrete Block
Focus Map: Material: No Containment
26 Material: Steel

H50 **LUKE MILL** **MD HIST UST** **S104628587**
SSE **300 PRATT ST** **N/A**
< 1/8 **LUKE, MD 21540**
0.114 mi.
600 ft. **Site 7 of 10 in cluster H**

Actual: Historical UST:
966 ft. Facility ID: 3000008
Focus Map: Tank ID: 001
26 Age: 33
Capacity: 1,000
Tank Status: Removed
Product: Diesel

H51 **WESTVACO RESOURCES INC.** **MD OCPCASES** **S104628586**
SSE **300 PRATT ST** **MD HIST UST** **N/A**
< 1/8 **LUKE, MD 21540** **MD NPDES**
0.114 mi.
600 ft. **Site 8 of 10 in cluster H**

Actual: OCPCASES:
966 ft. Name: WESTVACO RESOURCES INC
Focus Map: Address: 300 PRATT ST
26 City,State,Zip: LUKE, MD 21540
Facility ID: 6-0473AL
Facility Status/Code: CLOSED/
Date Open: 04/11/1989
Date Closed: 06/04/1991
Release: Not reported
Cleanup: Not reported
Registration Number: 8372/14267

Name: WESTVACO SAVAGE WOODYARD
Address: 300 PRATT ST
City,State,Zip: LUKE, MD 21540
Facility ID: 6-1636GA
Facility Status/Code: CLOSED/
Date Open: 04/25/1989
Date Closed: 03/02/1986
Release: Not reported
Cleanup: Not reported
Registration Number: 14727

Name: WESTVACO MILL
Address: 300 PRATT ST

WESTVACO RESOURCES INC. (Continued) **S104628586**

City,State,Zip: LUKE, MD 21540
Facility ID: 9-0033AL
Facility Status/Code: CLOSED/Tank Closure - Motor/Lube Oil
Date Open: 07/14/1988
Date Closed: 07/14/1998
Release: NO
Cleanup: NO
Registration Number: 14267

Name: WESTVACO MILL
Address: 300 PRATT ST
City,State,Zip: LUKE, MD 21540
Facility ID: 94-2927AL
Facility Status/Code: CLOSED/
Date Open: 05/11/1994
Date Closed: 05/12/1994
Release: Not reported
Cleanup: Not reported
Registration Number: 8372

Name: WESTVACO MILL
Address: 300 PRATT ST
City,State,Zip: LUKE, MD 21540
Facility ID: 94-2927AL
Facility Status/Code: CLOSED/
Date Open: 05/11/1994
Date Closed: 05/12/1994
Release: Not reported
Cleanup: Not reported
Registration Number: 8372

Name: WESTVACO CO
Address: 300 PRATT ST
City,State,Zip: LUKE, MD 21540
Facility ID: 9-0426AL
Facility Status/Code: CLOSED/
Date Open: 07/21/1988
Date Closed: 07/21/1988
Release: Not reported
Cleanup: Not reported
Registration Number: 14267

Historical UST:
Facility ID: 3000007
Tank ID: 001
Age: 21
Capacity: 4,000
Tank Status: Permanently out of use
Product: Gasoline

Facility ID: 3000007
Tank ID: 002
Age: 21
Capacity: 4,000
Tank Status: Permanently out of use
Product: Gasoline

WESTVACO RESOURCES INC. (Continued) **S104628586**

NPDES:

Name:	V LUKE LLC
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD
Facility Status:	Issued
Bay Trib Number:	Not reported
Watershed:	Lower North Branch Potomac River - 02141001
Permit Type:	Industrial Individual
Description:	Not reported
Sic Number:	2621
Permit Number:	Not reported
Npdes Number:	MD0001422
App Description:	Not reported
Latitude/Longitude:	Not reported
Last Issued:	09/29/2022
Expiration Date:	05/31/2024
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Received:	Not reported
Comments:	Not reported

AI ID:	1873
Address 2:	Not reported
SIC Description:	Paper Mills
SIC Code2:	2611
SIC Description 2:	Pulp Mills
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	09/29/2022
State Number:	15DP0300A
Approval Issued Date:	09/29/2022
Effective End Date:	05/31/2024
Name:	V LUKE LLC
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD
Facility Status:	Admin Ext
Bay Trib Number:	Not reported
Watershed:	Lower North Branch Potomac River - 02141001
Permit Type:	General Permit
Description:	Not reported
Sic Number:	2621
Permit Number:	Not reported
Npdes Number:	MDR002519
App Description:	Not reported
Latitude/Longitude:	Not reported
Last Issued:	12/05/2014
Expiration Date:	12/31/2018
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported

WESTVACO RESOURCES INC. (Continued) **S104628586**

Received:	Not reported
Comments:	Not reported
AI ID:	1873
Address 2:	Not reported
SIC Description:	Sector B - Manufacturing Plant for pulp and fine p
SIC Code2:	Not reported
SIC Description 2:	Not reported
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	12/05/2014
State Number:	12SW2519
Approval Issued Date:	12/05/2014
Effective End Date:	09/06/2023
Name:	V LUKE LLC
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD
Facility Status:	Received
Bay Trib Number:	Not reported
Watershed:	Lower North Branch Potomac River - 02141001
Permit Type:	Not reported
Description:	Not reported
Sic Number:	2621
Permit Number:	Not reported
Npdes Number:	MDP071687
App Description:	Not reported
Latitude/Longitude:	Not reported
Last Issued:	Not reported
Expiration Date:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Received:	Not reported
Comments:	Not reported
AI ID:	1873
Address 2:	Not reported
SIC Description:	Paper Mills
SIC Code2:	Not reported
SIC Description 2:	Pulp Mills
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	07/02/2019
State Number:	19PT0007
Approval Issued Date:	Not reported
Effective End Date:	Not reported

H52 **VERSO CORPORATION D,B,A LUKE PAPER COMPANY** **MD PFAS** **S127733945**
SSE **300 PRATT ST** **N/A**
< 1/8 **LUKE, MD**
0.114 mi.
600 ft. **Site 9 of 10 in cluster H**

Actual: **966 ft.**

Focus Map: **26**

PFAS:

Name:	VERSO CORPORATION D,B,A LUKE PAPER COMPANY
Address:	300 PRATT ST
City,State,Zip:	LUKE, MD
Object ID:	Not reported
HW ID:	1987
Origin ID:	110064595665
Facility Type:	EnviroFacts Facilities
Last update:	Not reported
PFAS use known/confirmed:	Not reported
PFAS detected:	Not reported
Total PFAS max conc EFFLUENT (ng/L):	Not reported
Total PFAS max conc gw (ng/L):	Not reported
Total PFAS max conc sw (ng/L):	Not reported
Total PFAS max conc soil (ng/g):	Not reported
Total PFAS max conc sed (ng/g):	Not reported
PFAS detects in domestic wells:	Not reported
Comments:	Not reported
Site Latitude:	Not reported
Site Longitude:	Not reported
URL:	https://frs-public.epa.gov/ords/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110064595665

H53 **V LUKE LLC** **MD AST** **A100435788**
SSE **300 PRATT STREET** **N/A**
< 1/8 **LUKE, MD 21540**
0.114 mi.
600 ft. **Site 10 of 10 in cluster H**

Actual: **966 ft.**

Focus Map: **26**

AST:

Facility Id:	2010-OPT-3550A
Name:	V LUKE LLC
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540-1099
Bill Name:	V Luke LLC
Bill Addr:	300 Pratt St
Bill Addr2:	Luke Paper Co
Bill City/State/Zip:	Luke, MD 21540
Bill Phone:	301-359-3311
Owner:	NewPage Corporation
Owner Address:	Courthouse Plaza, NE
Owner Address2:	Not reported
Owner City State Zip:	Dayton, OH 45463

Tanks:

Tank ID:	A
Capacity:	2000
Product:	Used Oil
AI ID:	1873
Permit Type:	Oil Operations
Product Description:	2,000-gallon used oil
Owner Phone:	301-359-3311
Start Date:	04/23/2010

V LUKE LLC (Continued) **A100435788**

End Date: 11/03/2010
Permit Status: History

Name: V LUKE LLC
Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540-1099

Tank ID: A
Capacity: 2000
Product: Used Oil
AI ID: 1873
Permit Type: Oil Operations
Product Description: 2,000-gallon used oil
Owner Phone: 301-359-3311
Start Date: 11/04/2010
End Date: 04/24/2015
Permit Status: History

Name: V LUKE LLC
Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540-1099

Tank ID: F
Capacity: 250
Product: Kerosene
AI ID: 1873
Permit Type: Oil Operations
Product Description: 250-gallon kerosene
Owner Phone: 301-359-3311
Start Date: 04/23/2010
End Date: 11/03/2010
Permit Status: History

Name: V LUKE LLC
Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540-1099

Tank ID: F
Capacity: 250
Product: Kerosene
AI ID: 1873
Permit Type: Oil Operations
Product Description: 250-gallon kerosene
Owner Phone: 301-359-3311
Start Date: 11/04/2010
End Date: 04/24/2015
Permit Status: History

Name: V LUKE LLC
Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540-1099

Tank ID: G
Capacity: 250
Product: Kerosene
AI ID: 1873
Permit Type: Oil Operations

V LUKE LLC (Continued) **A100435788**

Product Description: 250-gallon kerosene
Owner Phone: 301-359-3311
Start Date: 04/23/2010
End Date: 11/03/2010
Permit Status: History

Name: V LUKE LLC
Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540-1099

Tank ID: G
Capacity: 250
Product: Kerosene
AI ID: 1873
Permit Type: Oil Operations
Product Description: 250-gallon kerosene
Owner Phone: 301-359-3311
Start Date: 11/04/2010
End Date: 04/24/2015
Permit Status: History

Name: V LUKE LLC
Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540-1099

Tank ID: H
Capacity: 300
Product: Gasoline
AI ID: 1873
Permit Type: Oil Operations
Product Description: 300-gallon gasoline
Owner Phone: 301-359-3311
Start Date: 04/23/2010
End Date: 11/03/2010
Permit Status: History

Name: V LUKE LLC
Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540-1099

Tank ID: H
Capacity: 300
Product: Gasoline
AI ID: 1873
Permit Type: Oil Operations
Product Description: 300-gallon gasoline
Owner Phone: 301-359-3311
Start Date: 11/04/2010
End Date: 04/24/2015
Permit Status: History

Name: V LUKE LLC
Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540-1099

Tank ID: I
Capacity: 500

V LUKE LLC (Continued) **A100435788**

Product:	No. 2 Fuel
AI ID:	1873
Permit Type:	Oil Operations
Product Description:	500-gallon #2 heating oil
Owner Phone:	301-359-3311
Start Date:	11/04/2010
End Date:	04/24/2015
Permit Status:	History
Name:	V LUKE LLC
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540-1099
Tank ID:	J
Capacity:	565
Product:	Used Oil
AI ID:	1873
Permit Type:	Oil Operations
Product Description:	565-gallon used oil
Owner Phone:	301-359-3311
Start Date:	11/04/2010
End Date:	04/24/2015
Permit Status:	History
Name:	V LUKE LLC
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540-1099
Tank ID:	J
Capacity:	565
Product:	Used Oil
AI ID:	1873
Permit Type:	Oil Operations
Product Description:	565-gallon used oil
Owner Phone:	301-359-3311
Start Date:	04/23/2010
End Date:	11/03/2010
Permit Status:	History
Name:	V LUKE LLC
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540-1099
Tank ID:	K
Capacity:	500
Product:	Used Oil
AI ID:	1873
Permit Type:	Oil Operations
Product Description:	500-gallon used oil
Owner Phone:	301-359-3311
Start Date:	04/23/2010
End Date:	11/03/2010
Permit Status:	History
Name:	V LUKE LLC
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540-1099

V LUKE LLC (Continued) **A100435788**

Tank ID: K
Capacity: 500
Product: Used Oil
AI ID: 1873
Permit Type: Oil Operations
Product Description: 500-gallon used oil
Owner Phone: 301-359-3311
Start Date: 11/04/2010
End Date: 04/24/2015
Permit Status: History

Name: V LUKE LLC
Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540-1099

Tank ID: S-1
Capacity: 275
Product: Transmission Oil
AI ID: 1873
Permit Type: Oil Operations
Product Description: 275-gallon transmission oil
Owner Phone: 301-359-3311
Start Date: 11/04/2010
End Date: 04/24/2015
Permit Status: History

Name: V LUKE LLC
Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540-1099

Tank ID: S-1
Capacity: 275
Product: Transmission Oil
AI ID: 1873
Permit Type: Oil Operations
Product Description: 275-gallon transmission oil
Owner Phone: 301-359-3311
Start Date: 04/23/2010
End Date: 11/03/2010
Permit Status: History

Name: V LUKE LLC
Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540-1099

Tank ID: S-2
Capacity: 275
Product: Motor Oil
AI ID: 1873
Permit Type: Oil Operations
Product Description: 275-gallon motor oil
Owner Phone: 301-359-3311
Start Date: 11/04/2010
End Date: 04/24/2015
Permit Status: History

Name: V LUKE LLC

V LUKE LLC (Continued) **A100435788**

Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540-1099

Tank ID: S-2
Capacity: 275
Product: Motor Oil
AI ID: 1873
Permit Type: Oil Operations
Product Description: 275-gallon motor oil
Owner Phone: 301-359-3311
Start Date: 04/23/2010
End Date: 11/03/2010
Permit Status: History

Name: V LUKE LLC
Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540-1099

Tank ID: S-3
Capacity: 300
Product: Hydraulic Oil
AI ID: 1873
Permit Type: Oil Operations
Product Description: 500-gallon hydraulic oil
Owner Phone: 301-359-3311
Start Date: 11/04/2010
End Date: 04/24/2015
Permit Status: History

Name: V LUKE LLC
Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540-1099

Tank ID: S-3
Capacity: 300
Product: Hydraulic Oil
AI ID: 1873
Permit Type: Oil Operations
Product Description: 500-gallon hydraulic oil
Owner Phone: 301-359-3311
Start Date: 04/23/2010
End Date: 11/03/2010
Permit Status: History

Name: V LUKE LLC
Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540-1099

Tank ID: T016
Capacity: 100000
Product: No. 4 Fuel
AI ID: 1873
Permit Type: Oil Operations
Product Description: 100,000-gallon #4 heating oil
Owner Phone: 301-359-3311
Start Date: 04/23/2010
End Date: 11/03/2010

V LUKE LLC (Continued) **A100435788**

Permit Status: History

Name: V LUKE LLC
Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540-1099

Tank ID: T016
Capacity: 100000
Product: No. 4 Fuel
AI ID: 1873
Permit Type: Oil Operations
Product Description: 100,000-gallon #4 heating oil
Owner Phone: 301-359-3311
Start Date: 11/04/2010
End Date: 04/24/2015
Permit Status: History

Name: V LUKE LLC
Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540-1099

Tank ID: T138
Capacity: 250000
Product: No. 4 Fuel
AI ID: 1873
Permit Type: Oil Operations
Product Description: 250,000-gallon #4 heating oil
Owner Phone: 301-359-3311
Start Date: 11/04/2010
End Date: 04/24/2015
Permit Status: History

Name: V LUKE LLC
Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540-1099

Tank ID: T138
Capacity: 250000
Product: No. 4 Fuel
AI ID: 1873
Permit Type: Oil Operations
Product Description: 250,000-gallon #4 heating oil
Owner Phone: 301-359-3311
Start Date: 04/23/2010
End Date: 11/03/2010
Permit Status: History

Name: V LUKE LLC
Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540-1099

Tank ID: T203
Capacity: 11800
Product: Lubricating Oil
AI ID: 1873
Permit Type: Oil Operations
Product Description: 11,800-gallon lubricating oil

V LUKE LLC (Continued) **A100435788**

Owner Phone:	301-359-3311
Start Date:	04/23/2010
End Date:	11/03/2010
Permit Status:	History
Name:	V LUKE LLC
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540-1099
Tank ID:	T203
Capacity:	11800
Product:	Lubricating Oil
AI ID:	1873
Permit Type:	Oil Operations
Product Description:	11,800-gallon lubricating oil
Owner Phone:	301-359-3311
Start Date:	11/04/2010
End Date:	04/24/2015
Permit Status:	History
Name:	V LUKE LLC
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540-1099
Tank ID:	T252
Capacity:	20000
Product:	Diesel Fuel
AI ID:	1873
Permit Type:	Oil Operations
Product Description:	20,000-gallon diesel
Owner Phone:	301-359-3311
Start Date:	11/04/2010
End Date:	04/24/2015
Permit Status:	History
Name:	V LUKE LLC
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540-1099
Tank ID:	T252
Capacity:	20000
Product:	Diesel Fuel
AI ID:	1873
Permit Type:	Oil Operations
Product Description:	20,000-gallon diesel
Owner Phone:	301-359-3311
Start Date:	04/23/2010
End Date:	11/03/2010
Permit Status:	History
Name:	V LUKE LLC
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540-1099
Tank ID:	T253
Capacity:	10000
Product:	Gasoline

V LUKE LLC (Continued) **A100435788**

AI ID: 1873
Permit Type: Oil Operations
Product Description: 10,000-gallon gasoline
Owner Phone: 301-359-3311
Start Date: 04/23/2010
End Date: 11/03/2010
Permit Status: History

Name: V LUKE LLC
Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540-1099

Tank ID: T253
Capacity: 10000
Product: Gasoline
AI ID: 1873
Permit Type: Oil Operations
Product Description: 10,000-gallon gasoline
Owner Phone: 301-359-3311
Start Date: 11/04/2010
End Date: 04/24/2015
Permit Status: History

Name: V LUKE LLC
Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540-1099

Tank ID: T254
Capacity: 15000
Product: Diesel Fuel
AI ID: 1873
Permit Type: Oil Operations
Product Description: 15,000-gallon diesel
Owner Phone: 301-359-3311
Start Date: 04/23/2010
End Date: 11/03/2010
Permit Status: History

Name: V LUKE LLC
Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540-1099

Tank ID: T254
Capacity: 15000
Product: Diesel Fuel
AI ID: 1873
Permit Type: Oil Operations
Product Description: 15,000-gallon diesel
Owner Phone: 301-359-3311
Start Date: 11/04/2010
End Date: 04/24/2015
Permit Status: History

Name: V LUKE LLC
Address: 300 PRATT STREET
City,State,Zip: LUKE, MD 21540-1099

V LUKE LLC (Continued) **A100435788**

Tank ID:	T255
Capacity:	10000
Product:	Diesel Fuel
AI ID:	1873
Permit Type:	Oil Operations
Product Description:	10,000-gallon #2 heating oil
Owner Phone:	301-359-3311
Start Date:	04/23/2010
End Date:	11/03/2010
Permit Status:	History
Name:	V LUKE LLC
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540-1099
Tank ID:	T255
Capacity:	10000
Product:	Diesel Fuel
AI ID:	1873
Permit Type:	Oil Operations
Product Description:	10,000-gallon #2 heating oil
Owner Phone:	301-359-3311
Start Date:	11/04/2010
End Date:	04/24/2015
Permit Status:	History
Name:	V LUKE LLC
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540-1099
Tank ID:	UML-1
Capacity:	1000
Product:	Gear Oil
AI ID:	1873
Permit Type:	Oil Operations
Product Description:	1,000-gallon gear oil
Owner Phone:	301-359-3311
Start Date:	11/04/2010
End Date:	04/24/2015
Permit Status:	History
Name:	V LUKE LLC
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540-1099
Tank ID:	UML-2
Capacity:	1000
Product:	Lubricating Oil
AI ID:	1873
Permit Type:	Oil Operations
Product Description:	1,000-gallon lubricating oil
Owner Phone:	301-359-3311
Start Date:	11/04/2010
End Date:	04/24/2015
Permit Status:	History
Name:	V LUKE LLC

V LUKE LLC (Continued) **A100435788**

Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540-1099
Tank ID:	Not reported
Capacity:	Not reported
Product:	Not reported
AI ID:	1873
Permit Type:	Oil Operations
Product Description:	Not reported
Owner Phone:	Not reported
Start Date:	04/20/2005
End Date:	04/20/2010
Permit Status:	History
Name:	V LUKE LLC
Address:	300 PRATT STREET
City,State,Zip:	LUKE, MD 21540-1099
Tank ID:	Not reported
Capacity:	Not reported
Product:	Not reported
AI ID:	1873
Permit Type:	Oil Operations
Product Description:	Not reported
Owner Phone:	301-359-3311
Start Date:	05/18/2016
End Date:	05/18/2021
Permit Status:	History

I54 **GEORGE'S CREEK WWTP** **MD OCPCASES** **S110358182**
South **25018 OLD REYNOLDS RD SW (RT 36)** **N/A**
< 1/8 **BARTON, MD 21521**
0.120 mi.
633 ft. **Site 1 of 2 in cluster I**

Actual:
1093 ft.

Focus Map:
17

OCPCASES:

Name:	GEORGE'S CREEK WWTP
Address:	25018 OLD REYNOLDS RD SW (RT 36)
City,State,Zip:	BARTON, MD 21521
Facility ID:	10-0642AL
Facility Status/Code:	CLOSED/Tank Closure - Commercial Heating Oil
Date Open:	05/26/2010
Date Closed:	07/08/2010
Release:	NO
Cleanup:	NO
Registration Number:	17997

55
SW
1/8-1/4
0.134 mi.
708 ft.

COAL TIPPLE
ROUTE 6 BOX 6192
KEYSER, WV 26726

US MINES
FINDS
ECHO

1022287974
N/A

Actual:
978 ft.

Focus Map:
26

MINES VIOLATIONS:

Name:	BERYL TIPPLE
Address:	ROUTE 6, BOX 6192
City,State,Zip:	KEYSER, WV 26726
Facility ID:	Not reported

MINES VIOLATIONS:

Violation Number:	8053753
Mine ID:	4606330
Contractor ID:	Not reported
Date Issued:	04/06/2016
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	04/11/2016
Title 30 Code of Federal Regulations:	77.200
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2016
Address Type:	MineLocation
PO Box:	Not reported
Address:	3924 BERYL ROAD
City:	KEYSER
State:	WV
Operator:	Beryl Coal Company
Zip:	26726
Mine Controller Name:	Timothy Schwinabart; Ted Schwinabart
Name:	BERYL TIPPLE
Ownership Date:	03/01/1981
Mine Status:	Active
Status Date:	05/11/1981
Primary Site Description:	Coal (Bituminous)
Mine Type:	Facility
State 2:	WV
County:	MINERAL

Violation Number:	9121361
Mine ID:	4606330
Contractor ID:	Not reported
Date Issued:	9/26/2017
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	9/26/2017
Title 30 Code of Federal Regulations:	77.1104
Proposed Penalty:	116.00
Assessment Amount:	116.00
Paid Penalty Amount:	116.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2017

COAL TIPPLE (Continued) **1022287974**

Address Type:	MineLocation
PO Box:	Not reported
Address:	3924 BERYL ROAD
City:	KEYSER
State:	WV
Operator:	Beryl Coal Company
Zip:	26726
Mine Controller Name:	Timothy Schwinabart; Ted Schwinabart
Name:	BERYL TIPPLE
Ownership Date:	3/1/1981
Mine Status:	Active
Status Date:	5/11/1981
Primary Site Description:	Coal (Bituminous)
Mine Type:	Facility
State 2:	WV
County:	MINERAL

Violation Number:	7113774
Mine ID:	4606330
Contractor ID:	Not reported
Date Issued:	03/07/2012
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	03/07/2012
Title 30 Code of Federal Regulations:	77.400(a)
Proposed Penalty:	100
Assessment Amount:	100
Paid Penalty Amount:	100
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2012
Address Type:	MineLocation
PO Box:	Not reported
Address:	ROUTE 6, BOX 6192
City:	KEYSER
State:	WV
Operator:	Beryl Coal Company
Zip:	26726
Mine Controller Name:	Timothy Schwinabart; Ted Schwinabart
Name:	BERYL TIPPLE
Ownership Date:	03/01/1981
Mine Status:	Active
Status Date:	05/11/1981
Primary Site Description:	Coal (Bituminous)
Mine Type:	Facility
State 2:	WV
County:	MINERAL

Violation Number:	7113775
Mine ID:	4606330
Contractor ID:	Not reported
Date Issued:	03/07/2012
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	03/07/2012

COAL TIPPLE (Continued) **1022287974**

Title 30 Code of Federal Regulations:	77.400(a)
Proposed Penalty:	100
Assessment Amount:	100
Paid Penalty Amount:	100
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2012
Address Type:	MineLocation
PO Box:	Not reported
Address:	ROUTE 6, BOX 6192
City:	KEYSER
State:	WV
Operator:	Beryl Coal Company
Zip:	26726
Mine Controller Name:	Timothy Schwinabart; Ted Schwinabart
Name:	BERYL TIPPLE
Ownership Date:	03/01/1981
Mine Status:	Active
Status Date:	05/11/1981
Primary Site Description:	Coal (Bituminous)
Mine Type:	Facility
State 2:	WV
County:	MINERAL

Violation Number:	7111937
Mine ID:	4606330
Contractor ID:	Not reported
Date Issued:	04/24/2006
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	04/24/2006
Title 30 Code of Federal Regulations:	77.410(c)
Proposed Penalty:	60.00
Assessment Amount:	60.00
Paid Penalty Amount:	60.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2006
Address Type:	MineLocation
PO Box:	Not reported
Address:	ROUTE 6, BOX 6192
City:	KEYSER
State:	WV
Operator:	Beryl Coal Company
Zip:	26726
Mine Controller Name:	Timothy Schwinabart; Ted Schwinabart
Name:	BERYL TIPPLE
Ownership Date:	03/01/1981
Mine Status:	Active
Status Date:	05/11/1981
Primary Site Description:	Coal (Bituminous)
Mine Type:	Facility
State 2:	WV
County:	MINERAL

Violation Number:	7137322

COAL TIPPLE (Continued) **1022287974**

Mine ID:	4606330
Contractor ID:	Not reported
Date Issued:	02/20/2007
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	02/20/2007
Title 30 Code of Federal Regulations:	71.208(a)
Proposed Penalty:	60.00
Assessment Amount:	60.00
Paid Penalty Amount:	60.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2007
Address Type:	MineLocation
PO Box:	Not reported
Address:	ROUTE 6, BOX 6192
City:	KEYSER
State:	WV
Operator:	Beryl Coal Company
Zip:	26726
Mine Controller Name:	Timothy Schwinabart; Ted Schwinabart
Name:	BERYL TIPPLE
Ownership Date:	03/01/1981
Mine Status:	Active
Status Date:	05/11/1981
Primary Site Description:	Coal (Bituminous)
Mine Type:	Facility
State 2:	WV
County:	MINERAL

Violation Number:	4874382
Mine ID:	4606330
Contractor ID:	Not reported
Date Issued:	05/16/2012
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	05/21/2012
Title 30 Code of Federal Regulations:	77.1104
Proposed Penalty:	100
Assessment Amount:	100
Paid Penalty Amount:	100
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2012
Address Type:	MineLocation
PO Box:	Not reported
Address:	ROUTE 6, BOX 6192
City:	KEYSER
State:	WV
Operator:	Beryl Coal Company
Zip:	26726
Mine Controller Name:	Timothy Schwinabart; Ted Schwinabart
Name:	BERYL TIPPLE
Ownership Date:	03/01/1981
Mine Status:	Active

COAL TIPPLE (Continued) **1022287974**

Status Date:	05/11/1981
Primary Site Description:	Coal (Bituminous)
Mine Type:	Facility
State 2:	WV
County:	MINERAL
Violation Number:	7111598
Mine ID:	4606330
Contractor ID:	Not reported
Date Issued:	02/17/2005
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	02/17/2005
Title 30 Code of Federal Regulations:	71.208(a)
Proposed Penalty:	60.00
Assessment Amount:	60.00
Paid Penalty Amount:	60.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2005
Address Type:	MineLocation
PO Box:	Not reported
Address:	ROUTE 6, BOX 6192
City:	KEYSER
State:	WV
Operator:	Beryl Coal Company
Zip:	26726
Mine Controller Name:	Timothy Schwinabart; Ted Schwinabart
Name:	BERYL TIPPLE
Ownership Date:	03/01/1981
Mine Status:	Active
Status Date:	05/11/1981
Primary Site Description:	Coal (Bituminous)
Mine Type:	Facility
State 2:	WV
County:	MINERAL
Violation Number:	8028603
Mine ID:	4606330
Contractor ID:	Not reported
Date Issued:	05/26/2010
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	05/26/2010
Title 30 Code of Federal Regulations:	77.1707(c)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2010
Address Type:	MineLocation
PO Box:	Not reported
Address:	ROUTE 6, BOX 6192
City:	KEYSER

COAL TIPPLE (Continued) **1022287974**

State:	WV
Operator:	Beryl Coal Company
Zip:	26726
Mine Controller Name:	Timothy Schwinabart; Ted Schwinabart
Name:	BERYL TIPPLE
Ownership Date:	03/01/1981
Mine Status:	Active
Status Date:	05/11/1981
Primary Site Description:	Coal (Bituminous)
Mine Type:	Facility
State 2:	WV
County:	MINERAL
Violation Number:	8046354
Mine ID:	4606330
Contractor ID:	Not reported
Date Issued:	01/03/2014
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	01/03/2014
Title 30 Code of Federal Regulations:	77.1103(a)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2014
Address Type:	MineLocation
PO Box:	Not reported
Address:	ROUTE 6, BOX 6192
City:	KEYSER
State:	WV
Operator:	Beryl Coal Company
Zip:	26726
Mine Controller Name:	Timothy Schwinabart; Ted Schwinabart
Name:	BERYL TIPPLE
Ownership Date:	03/01/1981
Mine Status:	Active
Status Date:	05/11/1981
Primary Site Description:	Coal (Bituminous)
Mine Type:	Facility
State 2:	WV
County:	MINERAL
Violation Number:	8053651
Mine ID:	4606330
Contractor ID:	Not reported
Date Issued:	11/24/2015
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	11/30/2015
Title 30 Code of Federal Regulations:	77.200
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00

COAL TIPPLE (Continued) **1022287974**

Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2015
Address Type:	MineLocation
PO Box:	Not reported
Address:	ROUTE 6, BOX 6192
City:	KEYSER
State:	WV
Operator:	Beryl Coal Company
Zip:	26726
Mine Controller Name:	Timothy Schwinabart; Ted Schwinabart
Name:	BERYL TIPPLE
Ownership Date:	03/01/1981
Mine Status:	Active
Status Date:	05/11/1981
Primary Site Description:	Coal (Bituminous)
Mine Type:	Facility
State 2:	WV
County:	MINERAL

Click this hyperlink while viewing on your computer to access
16 additional US_MINES_VIOLATIONS: record(s) in the EDR Site Report.

FINDS:
Registry ID: 110069608749

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). 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.

Click this hyperlink while viewing on your computer to access
additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1022287974
Registry ID:	110069608749
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110069608749
Name:	COAL TIPPLE
Address:	ROUTE 6 BOX 6192
City,State,Zip:	KEYSER, WV 26726

56
SSW
1/8-1/4
0.150 mi.
791 ft.

BLOOMINGTON WWTP
121 OWENS AVE
BLOOMINGTON, MD 21523

MD OCPCASES **S108389976**
MD NPDES **N/A**

Actual:
972 ft.

Focus Map:
26

OCPCASES:

Name:	BLOOMINGTON WWTP
Address:	121 OWENS AVE
City,State,Zip:	BLOOMINGTON, MD 21523
Facility ID:	11-0501GA
Facility Status/Code:	CLOSED/Tank Closure - Motor/Lube Oil
Date Open:	03/14/2011
Date Closed:	11/02/2011
Release:	YES
Cleanup:	YES
Registration Number:	10167

NPDES:

Name:	BLOOMINGTON WWTP
Address:	121 OWENS AVE
City,State,Zip:	BLOOMINGTON, MD 21523
Facility Status:	Issued
Bay Trib Number:	Not reported
Watershed:	Potomac River - Upper North Branch - 02141005
Permit Type:	Municipal (Surface)
Description:	Not reported
Sic Number:	4952
Permit Number:	Not reported
Npdes Number:	MD0060933
App Description:	Not reported
Latitude/Longitude:	Not reported
Last Issued:	06/01/2010
Expiration Date:	05/31/2015
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Received:	Not reported
Comments:	Not reported
AI ID:	22937
Address 2:	Not reported
SIC Description:	Sewerage Systems
SIC Code2:	Not reported
SIC Description 2:	Not reported
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	06/01/2010
State Number:	08DP2175
Approval Issued Date:	06/01/2010
Effective End Date:	12/27/2015
Name:	BLOOMINGTON WWTP
Address:	121 OWENS AVENUE
City,State,Zip:	BLOOMINGTON, MD 21523
Facility Status:	IF
Bay Trib Number:	02141005

BLOOMINGTON WWTP (Continued) **S108389976**

Watershed:	POTOMAC RIVER - UPPER NORTH BR
Permit Type:	WMA2
Description:	SURFACE MUNICIPAL DISCHARGE
Sic Number:	4952
Permit Number:	02DP2175A
Npdes Number:	MD0060933
App Description:	FOR MOD TO REVISE FLOW MEASUREMENT METHOD
Latitude/Longitude:	392846 / 790408
Last Issued:	09/01/2006
Expiration Date:	06/30/2009
Owner Name:	GARRETT COUNTY SANITARY DISTRICT, INC.
Owner Address:	2008 MARYLAND HIGHWAY; SUITE 2
Owner Address 2:	Not reported
Owner City:	MOUNTAIN LAKE PARK
Owner State:	MD
Owner Zip:	21550
Received:	Not reported
Comments:	Not reported

AI ID:	Not reported
Address 2:	Not reported
SIC Description:	Not reported
SIC Code2:	Not reported
SIC Description 2:	Not reported
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	Not reported
State Number:	Not reported
Approval Issued Date:	Not reported
Effective End Date:	Not reported
Name:	BLOOMINGTON WWTP
Address:	121 OWENS AVE
City,State,Zip:	BLOOMINGTON, MD 21523
Facility Status:	Issued
Bay Trib Number:	Not reported
Watershed:	Potomac River - Upper North Branch - 02141005
Permit Type:	Municipal (Surface)
Description:	Not reported
Sic Number:	4952
Permit Number:	Not reported
Npdes Number:	MD0060933
App Description:	Not reported
Latitude/Longitude:	Not reported
Last Issued:	06/01/2010
Expiration Date:	05/31/2015
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Received:	Not reported
Comments:	Not reported

AI ID:	22937
Address 2:	Not reported
SIC Description:	Sewerage Systems

BLOOMINGTON WWTP (Continued) **S108389976**

SIC Code2:	Not reported
SIC Description 2:	Not reported
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	06/01/2010
State Number:	08DP2175
Approval Issued Date:	06/01/2010
Effective End Date:	02/25/2016
Name:	BLOOMINGTON WWTP
Address:	121 OWENS AVE
City,State,Zip:	BLOOMINGTON, MD 21523
Facility Status:	Received
Bay Trib Number:	Not reported
Watershed:	Potomac River - Upper North Branch - 02141005
Permit Type:	Municipal (Surface)
Description:	Not reported
Sic Number:	4952
Permit Number:	Not reported
Npdes Number:	MD0060933
App Description:	Not reported
Latitude/Longitude:	Not reported
Last Issued:	Not reported
Expiration Date:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Received:	Not reported
Comments:	Not reported

AI ID:	22937
Address 2:	Not reported
SIC Description:	Sewerage Systems
SIC Code2:	Not reported
SIC Description 2:	Not reported
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	12/15/2021
State Number:	22DP2175
Approval Issued Date:	Not reported
Effective End Date:	Not reported
Name:	BLOOMINGTON WWTP
Address:	121 OWENS AVE
City,State,Zip:	BLOOMINGTON, MD 21523
Facility Status:	Admin Ext
Bay Trib Number:	Not reported
Watershed:	Potomac River - Upper North Branch - 02141005
Permit Type:	Municipal (Surface)
Description:	Not reported
Sic Number:	4952
Permit Number:	Not reported
Npdes Number:	MD0060933
App Description:	Not reported
Latitude/Longitude:	Not reported
Last Issued:	01/01/2018

BLOOMINGTON WWTP (Continued) **S108389976**

Expiration Date:	12/31/2022
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Received:	Not reported
Comments:	Not reported

AI ID:	22937
Address 2:	Not reported
SIC Description:	Sewerage Systems
SIC Code2:	Not reported
SIC Description 2:	Not reported
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	11/29/2017
State Number:	14DP2175
Approval Issued Date:	11/29/2017
Effective End Date:	08/28/2023
Name:	BLOOMINGTON WWTP
Address:	121 OWENS AVE
City,State,Zip:	BLOOMINGTON, MD 21523
Facility Status:	Received
Bay Trib Number:	Not reported
Watershed:	Potomac River - Upper North Branch - 02141005
Permit Type:	Municipal (Surface)
Description:	Not reported
Sic Number:	4952
Permit Number:	Not reported
Npdes Number:	MD0060933
App Description:	Not reported
Latitude/Longitude:	Not reported
Last Issued:	Not reported
Expiration Date:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Received:	Not reported
Comments:	Not reported

AI ID:	22937
Address 2:	Not reported
SIC Description:	Sewerage Systems
SIC Code2:	Not reported
SIC Description 2:	Not reported
SIC Code 3:	Not reported
SIC Description 3:	Not reported
Status Date:	12/15/2021
State Number:	22DP2175
Approval Issued Date:	Not reported
Effective End Date:	Not reported

I57 **GEORGE'S CREEK WWTP** **MD PFAS** **S127733189**
South **25018 OLD REYNOLDS ROAD, SW** **N/A**
1/8-1/4 **WESTERNPORT, MD**
0.151 mi.
795 ft. **Site 2 of 2 in cluster I**

Actual:
1100 ft.

Focus Map:
17

PFAS:

Name:	GEORGE'S CREEK WWTP
Address:	25018 OLD REYNOLDS ROAD, SW
City,State,Zip:	WESTERNPORT, MD
Object ID:	Not reported
HW ID:	2126
Origin ID:	110006643971
Facility Type:	EnviroFacts Facilities
Last update:	Not reported
PFAS use known/confirmed:	Not reported
PFAS detected:	Not reported
Total PFAS max conc EFFLUENT (ng/L):	Not reported
Total PFAS max conc gw (ng/L):	Not reported
Total PFAS max conc sw (ng/L):	Not reported
Total PFAS max conc soil (ng/g):	Not reported
Total PFAS max conc sed (ng/g):	Not reported
PFAS detects in domestic wells:	Not reported
Comments:	Not reported
Site Latitude:	Not reported
Site Longitude:	Not reported
URL:	https://frs-public.epa.gov/ords/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110006643971

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58 **LUKE PAPER CO** **PFAS ECHO** **1027383470**
SE **N/A**
1/8-1/4 **LUKE, MD**
0.170 mi.
897 ft.

Actual:
943 ft.

Focus Map:
26

PFAS ECHO:

Name:	LUKE PAPER CO
Address:	Not reported
City,State,Zip:	LUKE, MD
Latitude:	39.47206
Longitude:	-79.057645
Count:	1
County:	ALLEGANY
Status:	Active
Region:	03
Industry:	Paper Mills and Products
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110007334072
Facility Percent Minority:	6.649
Facility Derived Tribes:	-
Facility Population:	146.17
EPA Programs:	CAA; CWA; RCRA
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	24001
Facility Indian Country Flag:	N
Facility Collection Method:	-
Facility Derived HUC:	02070002
Facility Derived WBD:	020700020207
Facility Derived CD113:	01
Facility Derived CB2010:	240010022002081

LUKE PAPER CO (Continued) **1027383470**

Facility Major Flag:	Y
Facility Active Flag:	Y
Facility Inspection Count:	59
Facility Date Last Inspection:	4/5/2023
Facility Days Last Inspection:	87
Facility Informal Count:	6
Facility Date Last Informal Action:	9/20/2021
Facility Formal Action Count:	1
Facility Date Last Formal Action:	5/28/2020
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	8/26/2016
Facility Last Penalty AMT:	1,600,000
Facility QTRS With NC:	4
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	Y
NPDES Flag:	Y
SDWIS Flag:	Y
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	Y
AIR IDS:	MD0000002400100011 MD0000002400100215 WV00005700008
CAA Permit Types:	Major Emissions, Minor Emissions, No Classification In ICIS
CAA NAICS:	322121 322110 327410
CAA SICS:	2621 2611 3274
NPDES IDS:	MD0001422 MDP071687 MDR002519
CWA Permit Types:	Major, Minor
CWA NAICS:	-
CWA SICS:	2621
RCRA IDS:	MDD000218669
RCRA Permit Types:	Other
RCRA NAICS:	322110
SDWA IDS:	MD0002550 MD0010019
SDWA System Types:	Community water system
SDWA Compliance Status:	No Violation Identified
SDWA SNC Flag:	N
TRI IDS:	21540WSTVC300PR
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	Y
EJSCREEN Flag US:	N
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-79.057645,%22y%22:39.47206,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

J59 **KINGSFORD MANUFACTURING COMPANY, BERYL** **RCRA NonGen / NLR** **1004619220**
WSW **ROUTE 46** **ICIS** **WVD982660789**
1/8-1/4 **BERYL, WV 26726** **US AIRS**
0.179 mi.
943 ft. **Site 1 of 2 in cluster J**

Actual:
1014 ft.

Focus Map:
26

RCRA Listings:

Date Form Received by Agency:	20060120
Handler Name:	Kingsford Manufacturing Co
Handler Address:	RT 46
Handler City,State,Zip:	BERYL, WV 26726
EPA ID:	WVD982660789
Contact Name:	SCOTT STEPHENSON
Contact Address:	PO BOX 464
Contact City,State,Zip:	PARSONS, WV 26287
Contact Telephone:	304-478-5529
Contact Fax:	Not reported
Contact Email:	SCOTT.STEPHENSON@CLOROX.COM
Contact Title:	Not reported
EPA Region:	03
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 6
Mailing City,State,Zip:	LUKE, MD 21540
Owner Name:	Kingsford, The Co
Owner Type:	Private
Operator Name:	Opername
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

KINGSFORD MANUFACTURING COMPANY, BERYL (Continued) **1004619220**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20060120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: KINGSFORD, THE CO	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OWNERSTREET
Owner/Operator City,State,Zip:	OWNERCITY, AK 99999
Owner/Operator Telephone:	215-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: OPERNAME	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, AK 99999
Owner/Operator Telephone:	215-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: OPERNAME	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, AK 99999
Owner/Operator Telephone:	215-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

KINGSFORD MANUFACTURING COMPANY, BERYL (Continued) **1004619220**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KINGSFORD, THE CO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: OWNERSTREET
Owner/Operator City,State,Zip: OWNERCITY, AK 99999
Owner/Operator Telephone: 215-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19890508
Handler Name: KINGSFORD MANUFACTURING CO
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060120
Handler Name: KINGSFORD MANUFACTURING CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

ICIS:
Enforcement Action ID: WV000A0570000300101
FRS ID: 110000586205
Action Name: KINGSFORD MANUFACTURING COMPANY 540570000300101

KINGSFORD MANUFACTURING COMPANY, BERYL (Continued) **1004619220**

Facility Name:	KINGSFORD MANUFACTURING COMPANY, BERYL
Facility Address:	ROUTE 46 BERYL, WV 26726
Enforcement Action Type:	Administrative Order
Facility County:	MINERAL
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	2861
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	39.47722
Longitude in Decimal Degrees:	-79.0664
Permit Type Desc:	Not reported
Program System Acronym:	WV00005700003
Facility NAICS Code:	325191
Tribal Land Code:	Not reported

Enforcement Action ID:	WV000A0570000300060
FRS ID:	110000586205
Action Name:	KINGSFORD MANUFACTURING COMPANY 540570000300060
Facility Name:	KINGSFORD MANUFACTURING COMPANY, BERYL
Facility Address:	ROUTE 46 BERYL, WV 26726
Enforcement Action Type:	Administrative Order
Facility County:	MINERAL
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	2861
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	39.47722
Longitude in Decimal Degrees:	-79.0664
Permit Type Desc:	Not reported
Program System Acronym:	WV00005700003
Facility NAICS Code:	325191
Tribal Land Code:	Not reported

Enforcement Action ID:	WV000A0570000300055
FRS ID:	110000586205
Action Name:	KINGSFORD MANUFACTURING COMPANY 540570000300055
Facility Name:	KINGSFORD MANUFACTURING COMPANY, BERYL
Facility Address:	ROUTE 46 BERYL, WV 26726
Enforcement Action Type:	Administrative Order
Facility County:	MINERAL
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	2861
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	39.47722
Longitude in Decimal Degrees:	-79.0664
Permit Type Desc:	Not reported
Program System Acronym:	WV00005700003
Facility NAICS Code:	325191
Tribal Land Code:	Not reported

KINGSFORD MANUFACTURING COMPANY, BERYL (Continued) **1004619220**

Enforcement Action ID: WV000A0570000300052
FRS ID: 110000586205
Action Name: KINGSFORD MANUFACTURING COMPANY 540570000300052
Facility Name: KINGSFORD MANUFACTURING COMPANY, BERYL
Facility Address: ROUTE 46
BERYL, WV 26726
Enforcement Action Type: Administrative Order
Facility County: MINERAL
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 2861
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 39.47722
Longitude in Decimal Degrees: -79.0664
Permit Type Desc: Not reported
Program System Acronym: WV00005700003
Facility NAICS Code: 325191
Tribal Land Code: Not reported

Enforcement Action ID: WV000A0570000300029
FRS ID: 110000586205
Action Name: KINGSFORD MANUFACTURING COMPANY 540570000300029
Facility Name: KINGSFORD MANUFACTURING COMPANY, BERYL
Facility Address: ROUTE 46
BERYL, WV 26726
Enforcement Action Type: Administrative Order
Facility County: MINERAL
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 2861
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 39.47722
Longitude in Decimal Degrees: -79.0664
Permit Type Desc: Not reported
Program System Acronym: WV00005700003
Facility NAICS Code: 325191
Tribal Land Code: Not reported

Enforcement Action ID: WV000A0570000300023
FRS ID: 110000586205
Action Name: KINGSFORD MANUFACTURING COMPANY 540570000300023
Facility Name: KINGSFORD MANUFACTURING COMPANY, BERYL
Facility Address: ROUTE 46
BERYL, WV 26726
Enforcement Action Type: Administrative Order
Facility County: MINERAL
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 2861
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 39.47722
Longitude in Decimal Degrees: -79.0664
Permit Type Desc: Not reported
Program System Acronym: WV00005700003

KINGSFORD MANUFACTURING COMPANY, BERYL (Continued) **1004619220**

Facility NAICS Code: 325191
Tribal Land Code: Not reported

Enforcement Action ID: WV000A0570000300014
FRS ID: 110000586205
Action Name: KINGSFORD MANUFACTURING COMPANY 540570000300014
Facility Name: KINGSFORD MANUFACTURING COMPANY, BERYL
Facility Address: ROUTE 46
BERYL, WV 26726
Enforcement Action Type: Notice of Violation
Facility County: MINERAL
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 2861
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 39.47722
Longitude in Decimal Degrees: -79.0664
Permit Type Desc: Not reported
Program System Acronym: WV00005700003
Facility NAICS Code: 325191
Tribal Land Code: Not reported

Enforcement Action ID: 03-1999-A025
FRS ID: 110000586205
Action Name: KINGSFORD MANUFACTURING COMPANY 540570000300054
Facility Name: KINGSFORD MANUFACTURING COMPANY, BERYL
Facility Address: ROUTE 46
BERYL, WV 26726
Enforcement Action Type: Civil Judicial Action
Facility County: MINERAL
Program System Acronym: AIR
Enforcement Action Forum Desc: Judicial
EA Type Code: CIV
Facility SIC Code: 2861
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 39.47722
Longitude in Decimal Degrees: -79.0664
Permit Type Desc: Not reported
Program System Acronym: WV00005700003
Facility NAICS Code: 325191
Tribal Land Code: Not reported

Enforcement Action ID: 03-000F000540570000300035
FRS ID: 110000586205
Action Name: KINGSFORD MANUFACTURING COMPANY 540570000300035
Facility Name: KINGSFORD MANUFACTURING COMPANY, BERYL
Facility Address: ROUTE 46
BERYL, WV 26726
Enforcement Action Type: Notice of Violation
Facility County: MINERAL
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 2861
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 39.47722

KINGSFORD MANUFACTURING COMPANY, BERYL (Continued) **1004619220**

Longitude in Decimal Degrees: -79.0664
Permit Type Desc: Not reported
Program System Acronym: WV00005700003
Facility NAICS Code: 325191
Tribal Land Code: Not reported

US AIRS (AFS):
Region Code: 03
County Code: WV057
Programmatic ID: AIR WV00005700003
Facility Registry ID: 110000586205
D and B Number: Not reported
Facility Site Name: KINGSFORD MANUFACTURING COMPANY, BERYL
Primary SIC Code: 2861
NAICS Code: 325191
Default Air Classification Code: MAJ
Facility Type of Ownership Code: POF
Air CMS Category Code: TVM
HPV Status: Not reported

US AIRS (AFS):
Region Code: 03
Programmatic ID: AIR WV00005700003
Facility Registry ID: 110000586205
Air Operating Status Code: OPR
Default Air Classification Code: MAJ

Air Program: Title V Permits
Activity Date: 2016-09-08 00:00:00
Activity Status Date: 2016-10-05 18:30:53
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2016-08-02 00:00:00
Activity Status Date: 2016-10-05 18:30:52
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Air Program: Title V Permits
Activity Date: 2016-03-02 00:00:00
Activity Status Date: 2016-04-19 17:20:55
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Air Program: Title V Permits
Activity Date: 2015-09-02 00:00:00
Activity Status Date: 2015-09-16 16:25:50
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Air Program: Title V Permits

KINGSFORD MANUFACTURING COMPANY, BERYL (Continued) **1004619220**

Activity Date: 2015-03-06 00:00:00
Activity Status Date: 2015-04-01 17:39:59
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Air Program: Title V Permits
Activity Date: 2014-02-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-02-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2014-02-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-08-12 00:00:00
Activity Status Date: 2013-08-12 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-07-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2013-04-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2013-03-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2013-03-15 00:00:00

KINGSFORD MANUFACTURING COMPANY, BERYL (Continued) **1004619220**

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-03-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2012-03-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2012-03-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-12-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2011-08-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2011-02-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2010-06-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-04-21 00:00:00
Activity Status Date: Not reported

KINGSFORD MANUFACTURING COMPANY, BERYL (Continued) **1004619220**

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2009-09-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2008-07-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2008-04-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-04-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2007-02-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2006-03-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-03-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2006-01-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

KINGSFORD MANUFACTURING COMPANY, BERYL (Continued) **1004619220**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2005-01-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-09-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2004-09-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-09-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2004-09-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-02-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2004-02-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2003-10-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

KINGSFORD MANUFACTURING COMPANY, BERYL (Continued) **1004619220**

Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-10-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2003-09-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-09-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2002-05-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-05-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2002-04-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-04-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2000-07-25 00:00:00
Activity Status Date: 2000-07-25 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

KINGSFORD MANUFACTURING COMPANY, BERYL (Continued) **1004619220**

Air Program: Title V Permits
Activity Date: 1999-09-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-09-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-05-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 1999-05-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-01-11 00:00:00
Activity Status Date: 1999-01-11 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-11-24 00:00:00
Activity Status Date: 1998-11-24 00:00:00
Activity Group: Enforcement Action
Activity Type: Judicial
Activity Status: Closed

Air Program: Title V Permits
Activity Date: 1998-07-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-07-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

KINGSFORD MANUFACTURING COMPANY, BERYL (Continued) **1004619220**

Activity Date: 1998-02-23 00:00:00
Activity Status Date: 1998-02-23 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Air Program: Title V Permits
Activity Date: 1997-12-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-12-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-09-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-08-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Information Request
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-07-21 00:00:00
Activity Status Date: 1997-07-21 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-05-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Information Request
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 1997-04-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-04-30 00:00:00

KINGSFORD MANUFACTURING COMPANY, BERYL (Continued) **1004619220**

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-03-18 00:00:00
Activity Status Date: 1997-03-18 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-08-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-01-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1995-08-16 00:00:00
Activity Status Date: 1995-08-16 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1995-03-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1995-01-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-02-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1992-09-09 00:00:00
Activity Status Date: Not reported

KINGSFORD MANUFACTURING COMPANY, BERYL (Continued) **1004619220**

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-11-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-09-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-09-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-09-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-08-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-12-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-07-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-09-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

KINGSFORD MANUFACTURING COMPANY, BERYL (Continued) **1004619220**

Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1983-01-11 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

K60 **CLARK COAL #7** **ABANDONED MINES** **1022859050**
North **N/A**
1/8-1/4 **, MD 21521**
0.181 mi.
956 ft. **Site 1 of 2 in cluster K**

Actual:
2104 ft.

Focus Map:
3

ABANDONED MINES:

Mine ID:	1800646
Mine Name:	CLARK COAL #7
Mine Address:	Not reported
City,State,Zip:	MD 21521
Primary SIC Code:	Coal (Bituminous)
Mine Type:	Facility
Mine Status Description:	Abandoned
Mine Status Date:	6/28/1993
Coal (C) or Metal (M) Mine:	C
Controller ID:	C12621
Controller Name:	George R Beener
Operator ID:	P18063
Operator name:	Tri-Star Mining Inc
Address of Record Street:	2278 Michael Rd
Address of Record PO Box:	Not reported
Address of Record City:	BARTON
Address of Record State:	MD
Address of Record Zip Code:	21521
Assessment Address Street:	2278 Michael Rd
Assessment Address PO Box:	Not reported
Assessment Address City:	BARTON
Assessment Address State:	MD
Assessment Address Zip Code:	21521
Mine Health and Safety Address Street:	Rte 1 Box 174 C
Mine Health and Safety Address PO Box:	Not reported
Mine Health and Safety Address City:	Barton
Mine Health and Safety Address State:	MD
Mine Health and Safety Address Zip Code:	Not reported
Latitude:	39.575
Longitude:	-79.0333

K61 **TRI-STAR MINING INC** **US MINES** **1011172665**
North **N/A**
1/8-1/4 **ALLEGANY (County), MD**
0.181 mi.
958 ft. **Site 2 of 2 in cluster K**

Actual: US MINES:
2087 ft.

Focus Map: Sic Code(s): 122200
3 Sic Code(s): 000000
Sic Code(s): 000000
Sic Code(s): 000000
Sic Code(s): 000000
Sic Code(s): 000000
Mine ID: 1800646
Entity Name: CLARK COAL #7
Company: TRI-STAR MINING INC
Status: Permanently Closed
Status Date: 19930628
Operation Class: 1
Number of Shops: 0
Number of Plants: 0
Latitude Degree: 39
Longitude Degree: 079
Latitude Minute: 34
Latitude Seconds: 30
Longitude Minutes: 01
Longitude Seconds: 59
Number of Pits: 000

J62 **KINGSFORD MANUFACTURING COMPANY** **WV AST** **S108543398**
WSW **ROUTE 46** **WV NPDES** **N/A**
1/8-1/4 **BERYL, WV 26726**
0.182 mi.
961 ft. **Site 2 of 2 in cluster J**

Actual: AST:
1014 ft.

Focus Map: Name: KINGSFORD MANUFACTURING COMPANY BERYL RETORT
26 Address: ROUTE 46
City: BERYL
Zip: 26726
Owner Name: KINGSFORD MANUFACTURING COMPANY
Owner Address: JOSH.NASH@CLOROX.COM
Owner City, State, Zip: WESTERNPORT, MD 21562
Latitude: 39.477339
Longitude: 79.066544

WV DEP Tank Label: 029-00000016
Tank Status: C
Year Constructed: 1999.00
Install Period: 03/2000
Capacity: 1500.00
Case ID: 007732-18-5
NONCAS Chemical: Water
REF_ID: 2014-0001426
Cont Email: josh.nash@clorox.com
Mobile Tank: No
Rented Tank: No
ZCC: In
WPA: Out
APC: Out

KINGSFORD MANUFACTURING COMPANY (Continued) **S108543398**

Level Class: 1

WV DEP Tank Label: 029-00000017
Tank Status: P
Year Constructed: 1994.00
Install Period: 06/1994
Capacity: 6000.00
Case ID: OTHER
NONCAS Chemical: Water, char, dirt
REF_ID: 2014-0001426
Cont Email: josh.nash@clorox.com
Mobile Tank: No
Rented Tank: No
ZCC: In
WPA: Out
APC: Out
Level Class: 1

WV DEP Tank Label: 029-00000136
Tank Status: C
Year Constructed: 2020.00
Install Period: 04/2020
Capacity: 6000.00
Case ID: OTHER
NONCAS Chemical: Process Water, dirt, char
REF_ID: 2014-0001426
Cont Email: josh.nash@clorox.com
Mobile Tank: No
Rented Tank: No
ZCC: In
WPA: Out
APC: Out
Level Class: 1

WV DEP Tank Label: 029-00000136
Tank Status: Currently in use
Year Constructed: 2020
Install Period: 4/1/2020
Capacity: 6000
Case ID: OTHER
NONCAS Chemical: Process Water, dirt, char
REF_ID: 2014-0001426
Cont Email: josh.nash@clorox.com
Mobile Tank: No
Rented Tank: No
ZCC: In
WPA: Out
APC: Out
Level Class: Level 1

NPDES:
Name: KINGSFORD MANUFACTURING COMPANY
Address: ROUTE 46
City,State,Zip: BERYL, WV 26726
Permit ID: WV0070734
Phone: Not reported
Disturbed Acres: 0.00

KINGSFORD MANUFACTURING COMPANY (Continued) **S108543398**

Number of Customers: Not reported
Individual General SW: INDST
Latitude: Not reported
Longitude: Not reported

Name: KINGSFORD MANUFACTURING COMPANY
Address: ROUTE 46
City,State,Zip: BERYL, WV 26726
Permit ID: WV0070734
Phone: 304-355-2311
Disturbed Acres: Not reported
Number of Customers: Not reported
Individual General SW: Not reported
Latitude: Not reported
Longitude: Not reported

63
South
1/8-1/4
0.193 mi.
1018 ft.

Actual:
963 ft.

Focus Map:
26

LUKE PAPER COMPANY **WV AST** **S125741881**
ROUTE 46 **N/A**
BERYL, WV 21540

AST:
Name: LUKE PAPER COMPANY
Address: ROUTE 46
City: BERYL
Zip: 21540
Owner Name: LUKE PAPER COMPANY
Owner Address: 300 PRATT ST.
Owner City, State, Zip: LUKE, MD 21540
Latitude: 39.470991
Longitude: 79.060391

WV DEP Tank Label: 029-00000005
Tank Status: C
Year Constructed: 1965.00
Install Period: 06/1965
Capacity: 150000.00
Case ID: 001317-65-3
NONCAS Chemical: Calcium carbonate
REF_ID: 2014-0002864
Cont Email: larry.johnson@newpagecorp.com
Mobile Tank: No
Rented Tank: No
ZCC: Out
WPA: Out
APC: Out
Level Class: 1

WV DEP Tank Label: 029-00000006
Tank Status: Currently in use
Year Constructed: 1965
Install Period: 6/1/1965
Capacity: 2000
Case ID: 068476-31-3
NONCAS Chemical: Fuel oil, no. 4
REF_ID: 2014-0002864
Cont Email: larry.johnson@newpagecorp.com

LUKE PAPER COMPANY (Continued) **S125741881**

Mobile Tank:	No
Rented Tank:	No
ZCC:	Out
WPA:	Out
APC:	Out
Level Class:	RL
WV DEP Tank Label:	029-00000006
Tank Status:	C
Year Constructed:	1965.00
Install Period:	06/1965
Capacity:	2000.00
Case ID:	068476-31-3
NONCAS Chemical:	Fuel oil, no. 4
REF_ID:	2014-0002864
Cont Email:	larry.johnson@newpagecorp.com
Mobile Tank:	No
Rented Tank:	No
ZCC:	Out
WPA:	Out
APC:	Out
Level Class:	RL
WV DEP Tank Label:	029-00000007
Tank Status:	P
Year Constructed:	1971.00
Install Period:	06/1971
Capacity:	1000000.00
Case ID:	001313-82-2
NONCAS Chemical:	Sodium sulfide, hydrated with not less than 30% water
REF_ID:	2014-0002864
Cont Email:	larry.johnson@newpagecorp.com
Mobile Tank:	No
Rented Tank:	No
ZCC:	Out
WPA:	Out
APC:	Out
Level Class:	1
WV DEP Tank Label:	029-00000008
Tank Status:	C
Year Constructed:	1965.00
Install Period:	06/1965
Capacity:	1500.00
Case ID:	001313-82-2
NONCAS Chemical:	Sodium sulfide, hydrated with not less than 30% water
REF_ID:	2014-0002864
Cont Email:	larry.johnson@newpagecorp.com
Mobile Tank:	No
Rented Tank:	No
ZCC:	Out
WPA:	Out
APC:	Out
Level Class:	1
WV DEP Tank Label:	029-00000009
Tank Status:	C

LUKE PAPER COMPANY (Continued) **S125741881**

Year Constructed:	1965.00
Install Period:	06/1965
Capacity:	150000.00
Case ID:	000497-19-8
NONCAS Chemical:	Carbonic acid sodium salt (1:2)
REF_ID:	2014-0002864
Cont Email:	larry.johnson@newpagecorp.com
Mobile Tank:	No
Rented Tank:	No
ZCC:	Out
WPA:	Out
APC:	Out
Level Class:	1

WV DEP Tank Label:	029-00000010
Tank Status:	C
Year Constructed:	1965.00
Install Period:	06/1965
Capacity:	1500.00
Case ID:	007732-18-5
NONCAS Chemical:	Water
REF_ID:	2014-0002864
Cont Email:	larry.johnson@newpagecorp.com
Mobile Tank:	No
Rented Tank:	No
ZCC:	Out
WPA:	Out
APC:	Out
Level Class:	RL

WV DEP Tank Label:	029-00000011
Tank Status:	C
Year Constructed:	1965.00
Install Period:	06/1965
Capacity:	150000.00
Case ID:	001310-73-2
NONCAS Chemical:	Caustic soda, etc., see Sodium hydroxide, etc.
REF_ID:	2014-0002864
Cont Email:	larry.johnson@newpagecorp.com
Mobile Tank:	No
Rented Tank:	No
ZCC:	Out
WPA:	Out
APC:	Out
Level Class:	1

64
ESE
1/8-1/4
0.217 mi.
1146 ft.

BARTON FIRE DEPT **MD PFAS** **S127732721**
19202 LEGISLATIVE RD SW **N/A**
BARTON, MD

Actual:
1268 ft.

Focus Map:
13

PFAS:

Name:	BARTON FIRE DEPT
Address:	19202 LEGISLATIVE RD SW
City,State,Zip:	BARTON, MD
Object ID:	Not reported
HW ID:	256

BARTON FIRE DEPT (Continued) **S127732721**

Origin ID:	25
Facility Type:	Fire Stations
Last update:	Not reported
PFAS use known/confirmed:	Not reported
PFAS detected:	Not reported
Total PFAS max conc EFFLUENT (ng/L):	Not reported
Total PFAS max conc gw (ng/L):	Not reported
Total PFAS max conc sw (ng/L):	Not reported
Total PFAS max conc soil (ng/g):	Not reported
Total PFAS max conc sed (ng/g):	Not reported
PFAS detects in domestic wells:	Not reported
Comments:	Not reported
Site Latitude:	Not reported
Site Longitude:	Not reported
URL:	Not reported

65
WSW
1/8-1/4
0.224 mi.
1184 ft.

VERSO LUKE LLC - BERYL OPERATIONS
OLD BERYL ROAD
BERYL, WV 26750

RCRA NonGen / NLR **1000422760**
WVD980830103

Actual:
1052 ft.

Focus Map:
26

RCRA Listings:

Date Form Received by Agency:	20201002
Handler Name:	Verso Luke Llc - Beryl Operations
Handler Address:	OLD BERYL ROAD
Handler City,State,Zip:	BERYL, WV 26750
EPA ID:	WVD980830103
Contact Name:	LARRY A JOHNSON
Contact Address:	300 PRATT ST
Contact City,State,Zip:	LUKE, MD 21540
Contact Telephone:	301-359-3311
Contact Fax:	304-359-2040
Contact Email:	LARRY.JOHNSON@VERSOCO.COM
Contact Title:	ENVIRONMENTAL MANAGER
EPA Region:	03
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	300 PRATT ST
Mailing City,State,Zip:	LUKE, MD 21540
Owner Name:	Verso Corporation
Owner Type:	Private
Operator Name:	Glen Gilbert
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201013
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2019

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D006
Waste Description:	Cadmium
Waste Code:	D008
Waste Description:	Lead
Waste Code:	D009
Waste Description:	Mercury
Waste Code:	D018
Waste Description:	Benzene

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Waste Code: D035
Waste Description: Methyl Ethyl Ketone

Waste Code: D039
Waste Description: Tetrachloroethylene

Waste Code: D040
Waste Description: Trichlorethylene

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: OPERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: OPERSTREET
Owner/Operator City,State,Zip: OPERCITY, AK 99999
Owner/Operator Telephone: 215-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: OPERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: OPERSTREET
Owner/Operator City,State,Zip: OPERCITY, AK 99999
Owner/Operator Telephone: 215-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: LUKE PAPER COMPANY BERYL OPERATIONS
Legal Status: Private
Date Became Current: 20050502
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NEWPAGE CORPORATION
Legal Status: Private
Date Became Current: 20050502
Date Ended Current: Not reported
Owner/Operator Address: COURTHOUSE PLAZA N.E.
Owner/Operator City,State,Zip: DAYTON, OH 45463
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Owner/Operator Indicator:	Operator
Owner/Operator Name: ROGER A. DANDRIDGE	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	PP
Owner/Operator Name: ROGER A. DANDRIDGE	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	20050501
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: LUKE PAPER COMPANY BERYL OPERATIONS	
Legal Status:	Private
Date Became Current:	20050502
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: NEWPAGE CORPORATION	
Legal Status:	Private
Date Became Current:	20050502
Date Ended Current:	Not reported
Owner/Operator Address:	COURTHOUSE PLAZA N.E.
Owner/Operator City,State,Zip:	DAYTON, OH 45463
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	PO
Owner/Operator Name: MEAD WESTVACO CORP	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	20050501
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: VERSO CORPORATION	
Legal Status:	Private
Date Became Current:	20150107
Date Ended Current:	Not reported
Owner/Operator Address:	6775 LENOX CENTER COURT
Owner/Operator City,State,Zip:	MEMPHIS, TN 38115
Owner/Operator Telephone:	901-369-4100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	PO
Owner/Operator Name: NEWPAGE CORPORATION	
Legal Status:	Private
Date Became Current:	20050502
Date Ended Current:	20150106
Owner/Operator Address:	COURTHOUSE PLAZA N.E.
Owner/Operator City,State,Zip:	DAYTON, OH 45463
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: RICHARD J WATRO	
Legal Status:	Private
Date Became Current:	20110310
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: NEWPAGE CORPORATION	
Legal Status:	Private
Date Became Current:	20050502
Date Ended Current:	Not reported
Owner/Operator Address:	COURTHOUSE PLAZA N.E.
Owner/Operator City,State,Zip:	DAYTON, OH 45463
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: MEAD WESTVACO CORP	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: MEAD WESTVACO CORP	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: GLEN GILBERT	
Legal Status:	Private
Date Became Current:	20190701
Date Ended Current:	Not reported
Owner/Operator Address:	300 PRATT ST
Owner/Operator City,State,Zip:	LUKE, MD 21540
Owner/Operator Telephone:	301-359-3311
Owner/Operator Telephone Ext:	3305
Owner/Operator Fax:	301-359-2040
Owner/Operator Email:	GLEN.GILBERT@VERSOCO.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name: MEAD WESTVACO CORP	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: WESTVACO CORP	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	299 PARK AVE
Owner/Operator City,State,Zip:	NEW YORK, NY 10171
Owner/Operator Telephone:	212-688-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: ROGER A. DANDRIDGE	
Legal Status:	Private

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Date Became Current:	20020130
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: NEWPAGE CORPORATION	
Legal Status:	Private
Date Became Current:	20050502
Date Ended Current:	Not reported
Owner/Operator Address:	COURTHOUSE PLAZA N.E.
Owner/Operator City,State,Zip:	DAYTON, OH 45463
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: MEAD WESTVACO CORP	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: LUKE PAPER COMPANY BERYL OPERATIONS	
Legal Status:	Private
Date Became Current:	20050502
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: OPERNAME	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, AK 99999
Owner/Operator Telephone:	215-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Owner/Operator Indicator:	Owner
Owner/Operator Name: MEAD WESTVACO CORP	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: NEWPAGE CORPORATION	
Legal Status:	Private
Date Became Current:	20050502
Date Ended Current:	Not reported
Owner/Operator Address:	COURTHOUSE PLAZA N.E.
Owner/Operator City,State,Zip:	DAYTON, OH 45463
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	PP
Owner/Operator Name: ROGER A. DANDRIDGE	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	20050501
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	PO
Owner/Operator Name: MEAD WESTVACO CORP	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	20050501
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: MEAD WESTVACO CORP	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: RICHARD J WATRO	
Legal Status:	Private
Date Became Current:	20110310
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: ROGER A. DANDRIDGE	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: WESTVACO CORP	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	299 PARK AVE
Owner/Operator City,State,Zip:	NEW YORK, NY 10171
Owner/Operator Telephone:	212-688-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: ROGER A. DANDRIDGE	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: NEWPAGE CORPORATION	
Legal Status:	Private
Date Became Current:	20050502
Date Ended Current:	Not reported
Owner/Operator Address:	COURTHOUSE PLAZA N.E.

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Owner/Operator City,State,Zip:	DAYTON, OH 45463
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	PP
Owner/Operator Name: ROGER A. DANDRIDGE	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	20050501
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: VERSO CORPORATION	
Legal Status:	Private
Date Became Current:	20150107
Date Ended Current:	Not reported
Owner/Operator Address:	6775 LENOX CENTER COURT
Owner/Operator City,State,Zip:	MEMPHIS, TN 38115
Owner/Operator Telephone:	901-369-4100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: VERSO CORPORATION	
Legal Status:	Private
Date Became Current:	20150107
Date Ended Current:	Not reported
Owner/Operator Address:	6775 LENOX CENTER COURT
Owner/Operator City,State,Zip:	MEMPHIS, TN 38115
Owner/Operator Telephone:	901-369-4100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: VERSO CORPORATION	
Legal Status:	Private
Date Became Current:	20150107
Date Ended Current:	Not reported
Owner/Operator Address:	6775 LENOX CENTER COURT
Owner/Operator City,State,Zip:	MEMPHIS, TN 38115
Owner/Operator Telephone:	901-369-4100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: RICHARD J WATRO	
Legal Status:	Private

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Date Became Current:	20110310
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: MEAD WESTVACO CORP	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: VERSO CORPORATION	
Legal Status:	Private
Date Became Current:	20150107
Date Ended Current:	Not reported
Owner/Operator Address:	6775 LENOX CENTER COURT
Owner/Operator City,State,Zip:	MEMPHIS, TN 38115
Owner/Operator Telephone:	901-369-4100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: VERSO CORPORATION	
Legal Status:	Private
Date Became Current:	20150107
Date Ended Current:	Not reported
Owner/Operator Address:	8540 GANDER CREEK DR
Owner/Operator City,State,Zip:	MIAMISBURG, OH 45342
Owner/Operator Telephone:	877-855-7243
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	GLEN.GILBERT@VERSOCO.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name: WESTVACO CORP	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	299 PARK AVE
Owner/Operator City,State,Zip:	NEW YORK, NY 10171
Owner/Operator Telephone:	212-688-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Owner/Operator Indicator:	Owner
Owner/Operator Name: WESTVACO CORP	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	299 PARK AVE
Owner/Operator City,State,Zip:	NEW YORK, NY 10171
Owner/Operator Telephone:	212-688-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: MEAD WESTVACO CORP	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: OPERNAME	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, AK 99999
Owner/Operator Telephone:	215-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: LUKE PAPER COMPANY BERYL OPERATIONS	
Legal Status:	Private
Date Became Current:	20050502
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: LUKE PAPER COMPANY BERYL OPERATIONS	
Legal Status:	Private
Date Became Current:	20050502
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: ROGER A. DANDRIDGE	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: ROGER A. DANDRIDGE	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: NEWPAGE CORPORATION	
Legal Status:	Private
Date Became Current:	20050502
Date Ended Current:	Not reported
Owner/Operator Address:	COURTHOUSE PLAZA N.E.
Owner/Operator City,State,Zip:	DAYTON, OH 45463
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: VERSO CORPORATION	
Legal Status:	Private
Date Became Current:	20150107
Date Ended Current:	Not reported
Owner/Operator Address:	8540 GANDER CREEK DR
Owner/Operator City,State,Zip:	MIAMISBURG, OH 45342
Owner/Operator Telephone:	877-855-7243
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	GLEN.GILBERT@VERSOCO.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name: MEAD WESTVACO CORP	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: LUKE PAPER COMPANY BERYL OPERATIONS	
Legal Status:	Private
Date Became Current:	20050502
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	PO
Owner/Operator Name: MEAD WESTVACO CORP	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	20050501
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: RICHARD J WATRO	
Legal Status:	Private
Date Became Current:	20110310
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	PO
Owner/Operator Name: MEAD WESTVACO CORP	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	20050501
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: ROGER A. DANDRIDGE	
Legal Status:	Private

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Date Became Current:	20020130
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: VERSO CORPORATION	
Legal Status:	Private
Date Became Current:	20150107
Date Ended Current:	Not reported
Owner/Operator Address:	6775 LENOX CENTER COURT
Owner/Operator City,State,Zip:	MEMPHIS, TN 38115
Owner/Operator Telephone:	901-369-4100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: VERSO CORPORATION	
Legal Status:	Private
Date Became Current:	20150107
Date Ended Current:	Not reported
Owner/Operator Address:	6775 LENOX CENTER COURT
Owner/Operator City,State,Zip:	MEMPHIS, TN 38115
Owner/Operator Telephone:	901-369-4100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: RICHARD J WATRO	
Legal Status:	Private
Date Became Current:	20110310
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: ROGER A. DANDRIDGE	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Owner/Operator Indicator:	Operator
Owner/Operator Name: RICHARD J WATRO	
Legal Status:	Private
Date Became Current:	20110310
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: OPERNAME	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, AK 99999
Owner/Operator Telephone:	215-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: OPERNAME	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, AK 99999
Owner/Operator Telephone:	215-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: NEWPAGE CORPORATION	
Legal Status:	Private
Date Became Current:	20050502
Date Ended Current:	Not reported
Owner/Operator Address:	COURTHOUSE PLAZA N.E.
Owner/Operator City,State,Zip:	DAYTON, OH 45463
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: LUKE PAPER COMPANY BERYL OPERATIONS	
Legal Status:	Private
Date Became Current:	20050502
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: NEWPAGE CORPORATION	
Legal Status:	Private
Date Became Current:	20050502
Date Ended Current:	Not reported
Owner/Operator Address:	COURTHOUSE PLAZA N.E.
Owner/Operator City,State,Zip:	DAYTON, OH 45463
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	PO
Owner/Operator Name: MEAD WESTVACO CORP	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	20050501
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: NEWPAGE CORPORATION	
Legal Status:	Private
Date Became Current:	20050502
Date Ended Current:	Not reported
Owner/Operator Address:	COURTHOUSE PLAZA N.E.
Owner/Operator City,State,Zip:	DAYTON, OH 45463
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	PO
Owner/Operator Name: NEWPAGE CORPORATION	
Legal Status:	Private
Date Became Current:	20050502
Date Ended Current:	20150106
Owner/Operator Address:	COURTHOUSE PLAZA N.E.
Owner/Operator City,State,Zip:	DAYTON, OH 45463
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	PP
Owner/Operator Name: ROGER A. DANDRIDGE	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	20050501
Owner/Operator Address:	Not reported

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: ROGER A. DANDRIDGE	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: WESTVACO CORP	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	299 PARK AVE
Owner/Operator City,State,Zip:	NEW YORK, NY 10171
Owner/Operator Telephone:	212-688-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	PP
Owner/Operator Name: ROGER A. DANDRIDGE	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	20050501
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	PO
Owner/Operator Name: MEAD WESTVACO CORP	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	20050501
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: RICHARD J WATRO	
Legal Status:	Private

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Date Became Current:	20110310
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	PO
Owner/Operator Name: NEWPAGE CORPORATION	
Legal Status:	Private
Date Became Current:	20050502
Date Ended Current:	20150106
Owner/Operator Address:	COURTHOUSE PLAZA N.E.
Owner/Operator City,State,Zip:	DAYTON, OH 45463
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: RICHARD J WATRO	
Legal Status:	Private
Date Became Current:	20110310
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: MEAD WESTVACO CORP	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: NEWPAGE CORPORATION	
Legal Status:	Private
Date Became Current:	20050502
Date Ended Current:	Not reported
Owner/Operator Address:	COURTHOUSE PLAZA N.E.
Owner/Operator City,State,Zip:	DAYTON, OH 45463
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Owner/Operator Indicator:	Operator
Owner/Operator Name: GLEN GILBERT	
Legal Status:	Private
Date Became Current:	20190701
Date Ended Current:	Not reported
Owner/Operator Address:	300 PRATT ST
Owner/Operator City,State,Zip:	LUKE, MD 21540
Owner/Operator Telephone:	301-359-3311
Owner/Operator Telephone Ext:	3305
Owner/Operator Fax:	301-359-2040
Owner/Operator Email:	GLEN.GILBERT@VERSOCO.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name: GLEN GILBERT	
Legal Status:	Private
Date Became Current:	20190701
Date Ended Current:	Not reported
Owner/Operator Address:	300 PRATT ST
Owner/Operator City,State,Zip:	LUKE, MD 21540
Owner/Operator Telephone:	301-359-3311
Owner/Operator Telephone Ext:	3305
Owner/Operator Fax:	301-359-2040
Owner/Operator Email:	GLEN.GILBERT@VERSOCO.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name: LUKE PAPER COMPANY BERYL OPERATIONS	
Legal Status:	Private
Date Became Current:	20050502
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: ROGER A. DANDRIDGE	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: WESTVACO CORP	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	299 PARK AVE
Owner/Operator City,State,Zip:	NEW YORK, NY 10171
Owner/Operator Telephone:	212-688-5000
Owner/Operator Telephone Ext:	Not reported

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	PO
Owner/Operator Name: MEAD WESTVACO CORP	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	20050501
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	PP
Owner/Operator Name: ROGER A. DANDRIDGE	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	20050501
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	PP
Owner/Operator Name: ROGER A. DANDRIDGE	
Legal Status:	Private
Date Became Current:	20020130
Date Ended Current:	20050501
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: NEWPAGE CORPORATION	
Legal Status:	Private
Date Became Current:	20050502
Date Ended Current:	Not reported
Owner/Operator Address:	COURTHOUSE PLAZA N.E.
Owner/Operator City,State,Zip:	DAYTON, OH 45463
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: NEWPAGE CORPORATION	
Legal Status:	Private
Date Became Current:	20050502
Date Ended Current:	Not reported
Owner/Operator Address:	COURTHOUSE PLAZA N.E.

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Owner/Operator City,State,Zip: DAYTON, OH 45463
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: VERSO CORPORATION
Legal Status: Private
Date Became Current: 20150107
Date Ended Current: Not reported
Owner/Operator Address: 8540 GANDER CREEK DR
Owner/Operator City,State,Zip: MIAMISBURG, OH 45342
Owner/Operator Telephone: 877-855-7243
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: GLEN.GILBERT@VERSOCO.COM

Historic Generators:
Receive Date: 20200228
Handler Name: VERSO LUKE LLC - BERYL OPERATIONS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19831007
Handler Name: WESTVACO CORP BERYL
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20030318
Handler Name: MEAD WESTVACO MARYLAND INC BERYL OP
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Receive Date:	20050524
Handler Name:	LUKE PAPER COMPANY - BERYL OPERATIONS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20051229
Handler Name:	LUKE PAPER COMPANY - BERYL OPERATIONS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20061115
Handler Name:	LUKE PAPER COMPANY - BERYL OPERATIONS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20091009
Handler Name:	LUKE PAPER COMPANY - BERYL OPERATIONS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20101004
Handler Name:	LUKE PAPER COMPANY - BERYL OPERATIONS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20111027
Handler Name:	LUKE PAPER COMPANY - BERYL OPERATIONS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20121011
Handler Name:	LUKE PAPER COMPANY - BERYL OPERATIONS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20130930
Handler Name:	LUKE PAPER COMPANY - BERYL OPERATIONS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20150218
Handler Name:	LUKE PAPER COMPANY - BERYL OPERATIONS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20141006
Handler Name: LUKE PAPER COMPANY - BERYL OPERATIONS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20151006
Handler Name: LUKE PAPER COMPANY - BERYL OPERATIONS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20170208
Handler Name: LUKE PAPER COMPANY - BERYL OPERATIONS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20171004
Handler Name: LUKE PAPER COMPANY - BERYL OPERATIONS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20181015
Handler Name: LUKE PAPER COMPANY - BERYL OPERATIONS

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20191002
Handler Name: LUKE PAPER COMPANY - BERYL OPERATIONS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20191122
Handler Name: VERSO LUKE LLC - BERYL OPERATIONS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20201002
Handler Name: VERSO LUKE LLC - BERYL OPERATIONS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19900308
Handler Name: WESTVACO CORPORATION LUKE MILL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 32191
NAICS Description: MILLWORK

NAICS Code: 321912
NAICS Description: CUT STOCK, RESAWING LUMBER, AND PLANING

NAICS Code: 32211
NAICS Description: PULP MILLS

NAICS Code: 32212
NAICS Description: PAPER MILLS

NAICS Code: 32741
NAICS Description: LIME MANUFACTURING

Has the Facility Received Notices of Violations:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Used Oil - Processors and Re-refiners
Date Violation was Determined:	20021107
Actual Return to Compliance Date:	20021202
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20191031
Actual Return to Compliance Date:	20211007
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20210813
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WVJMS
Enforcement Responsible Sub-Organization:	EE-HW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20191031
Actual Return to Compliance Date:	20211007
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20191102
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WVJMS
Enforcement Responsible Sub-Organization:	EE-HW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20191031
Actual Return to Compliance Date:	20211007
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20191102
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WVJMS
Enforcement Responsible Sub-Organization:	EE-HW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20191031
Actual Return to Compliance Date:	20211007
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20191031
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WVJRF
Enforcement Responsible Sub-Organization:	EE-HW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20191031
Actual Return to Compliance Date:	20211007
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20191102
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WVJMS
Enforcement Responsible Sub-Organization:	EE-HW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20191031
Actual Return to Compliance Date:	20211007
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20210813
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WVJMS
Enforcement Responsible Sub-Organization:	EE-HW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20191031
Actual Return to Compliance Date:	20211007
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20210813
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WVJMS
Enforcement Responsible Sub-Organization:	EE-HW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20191031
Actual Return to Compliance Date:	20211007
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20191031
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WVJRF
Enforcement Responsible Sub-Organization:	EE-HW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20191031
Actual Return to Compliance Date:	20211007
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20191031
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WVJRF
Enforcement Responsible Sub-Organization: EE-HW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20191118
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: WVJMS
Evaluation Responsible Sub-Organization: EE-HW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20021107
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: CSC
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: 20021202
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20200921
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier: WVJRF
Evaluation Responsible Sub-Organization: EE-HW

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Actual Return to Compliance Date:	20211007
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20211007
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	WVJDK
Evaluation Responsible Sub-Organization:	EE-HW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19840609
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20191031
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WVJRF
Evaluation Responsible Sub-Organization:	EE-HW
Actual Return to Compliance Date:	20211007
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20200226
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WVJRF
Evaluation Responsible Sub-Organization:	EE-HW
Actual Return to Compliance Date:	20211007
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Former Citation:	Not reported
Evaluation Date:	20171127
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WVMJK
Evaluation Responsible Sub-Organization:	EE-HW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20191031
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WVJRF
Evaluation Responsible Sub-Organization:	EE-HW
Actual Return to Compliance Date:	20211007
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20200921
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WVJRF
Evaluation Responsible Sub-Organization:	EE-HW
Actual Return to Compliance Date:	20211007
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20191031
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WVJRF
Evaluation Responsible Sub-Organization:	EE-HW
Actual Return to Compliance Date:	20211007
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20200226
Evaluation Responsible Agency:	State
Found Violation:	Yes

VERSO LUKE LLC - BERYL OPERATIONS (Continued) **1000422760**

Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WVJRF
Evaluation Responsible Sub-Organization:	EE-HW
Actual Return to Compliance Date:	20211007
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20200921
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WVJRF
Evaluation Responsible Sub-Organization:	EE-HW
Actual Return to Compliance Date:	20211007
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19940921
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WVSJM
Evaluation Responsible Sub-Organization:	CM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20200226
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WVJRF
Evaluation Responsible Sub-Organization:	EE-HW
Actual Return to Compliance Date:	20211007
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

L66 **TIM DATTON - CHIEF POTOMAC FIRE DEPT** **MD OCPCASES** **S104600254**
ESE **61 MAIN ST** **N/A**
1/4-1/2 **WESTERNPORT, MD 21562**
0.335 mi.
1767 ft. **Site 1 of 2 in cluster L**

Actual:
917 ft.

Focus Map:
22

OCPCASES:

Name:	TIM DATTON - CHIEF POTOMAC FIRE DEPT
Address:	61 MAIN ST
City,State,Zip:	WESTERNPORT, MD 21562
Facility ID:	97-0474AL
Facility Status/Code:	CLOSED/Other (Specify)
Date Open:	09/10/1996
Date Closed:	09/10/1996
Release:	Not reported
Cleanup:	Not reported
Registration Number:	Not reported

L67 **TRUCK ACCIDENT/SPILL** **MD OCPCASES** **S106021960**
ESE **RTS 36 & 135** **N/A**
1/4-1/2 **WESTERNPORT, MD 21562**
0.336 mi.
1776 ft. **Site 2 of 2 in cluster L**

Actual:
915 ft.

Focus Map:
22

OCPCASES:

Name:	TRUCK ACCIDENT/SPILL
Address:	RTS 36 & 135
City,State,Zip:	WESTERNPORT, MD 21562
Facility ID:	04-0442AL
Facility Status/Code:	CLOSED/Vehicle Accident - Emergency
Date Open:	08/29/2003
Date Closed:	08/23/2004
Release:	YES
Cleanup:	YES
Registration Number:	Not reported

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68 **TOWN OF WESTERNPORT CITY HALL** **MD OCPCASES** **S108474009**
ESE **107 WASHINGTON ST** **N/A**
1/4-1/2 **WESTERNPORT, MD 21562**
0.341 mi.
1803 ft.

Actual:
922 ft.

Focus Map:
22

OCPCASES:

Name:	TOWN OF WESTERNPORT CITY HALL
Address:	107 WASHINGTON ST
City,State,Zip:	WESTERNPORT, MD 21562
Facility ID:	9-0458AL
Facility Status/Code:	CLOSED/
Date Open:	08/04/1988
Date Closed:	11/17/1991
Release:	Not reported
Cleanup:	Not reported
Registration Number:	1088

69
ESE
1/4-1/2
0.379 mi.
2000 ft.

WESTERNPORT FLOOD
103 FRONT ST
WESTERNPORT, MD 21562

MD OCPCASES

S104600252
N/A

Actual:
941 ft.

Focus Map:
22

OCPCASES:

Name:	WESTERNPORT FLOOD
Address:	103 FRONT ST
City,State,Zip:	WESTERNPORT, MD 21562
Facility ID:	97-0472AL
Facility Status/Code:	CLOSED/Aboveground Tank - Residential Heating Oil
Date Open:	09/09/1996
Date Closed:	09/20/1996
Release:	Not reported
Cleanup:	Not reported
Registration Number:	Not reported

M70
SE
1/4-1/2
0.431 mi.
2275 ft.

DOROTHY HARVEY
136 MARYLAND AVE
WESTERNPORT, MD 21562
Site 1 of 3 in cluster M

MD OCPCASES

S105040441
N/A

Actual:
901 ft.

Focus Map:
22

OCPCASES:

Name:	DOROTHY HARVEY RESIDENCE
Address:	136 MARYLAND AVE
City,State,Zip:	WESTERNPORT, MD 21540
Facility ID:	01-1601AL
Facility Status/Code:	CLOSED/Dumping
Date Open:	05/15/2001
Date Closed:	06/21/2001
Release:	YES
Cleanup:	NO
Registration Number:	Not reported

Name:	DOROTHY HARVEY
Address:	136 MARYLAND AVE
City,State,Zip:	WESTERNPORT, MD 21562
Facility ID:	03-2012AL
Facility Status/Code:	CLOSED/Dumping
Date Open:	06/20/2003
Date Closed:	07/24/2006
Release:	YES
Cleanup:	YES
Registration Number:	Not reported

M71
SE
1/4-1/2
0.445 mi.
2351 ft.

NEWS STATION #902/MCCOOLE BP/THREE TEE'S
137 MARYLAND AVE / 21413 CHESAPEAKE AVE SW
WESTERNPORT, MD 21562
Site 2 of 3 in cluster M

MD OCPCASES

S108473948
N/A

Actual:
903 ft.

Focus Map:
22

OCPCASES:

Name:	NEWS STATION #902/MCCOOLE BP/THREE TEE'S
Address:	137 MARYLAND AVE / 21413 CHESAPEAKE AVE SW
City,State,Zip:	WESTERNPORT, MD 21562
Facility ID:	9-0393AL

NEWS STATION #902/MCCOOLE BP/THREE TEE'S (Continued) **S108473948**

Facility Status/Code: CLOSED/
Date Open: 09/15/1988
Date Closed: 05/04/1992
Release: Not reported
Cleanup: Not reported
Registration Number: 9892

M72 **NEWS QUICK IN & OUT** **MD OCPCASES** **S104607089**
SE **150 MARYLAND AVE (RT 220)** **N/A**
1/4-1/2 **MCCOOLE, MD 21562**
0.452 mi.
2384 ft. **Site 3 of 3 in cluster M**

Actual: **901 ft.**
Focus Map: **22**

OCPCASES:
Name: NEWS QUICK IN & OUT
Address: 150 MARYLAND AVE (RT 220)
City,State,Zip: MCCOOLE, MD 21562
Facility ID: 95-2514AL
Facility Status/Code: CLOSED/Tank Closure - Motor/Lube Oil
Date Open: 05/18/1995
Date Closed: 02/22/2001
Release: YES
Cleanup: NO
Registration Number: 12196

---

73 **RODERICK FURNITURE OUTLET** **MD OCPCASES** **S108473591**
East **203 MAIN ST** **N/A**
1/4-1/2 **WESTERNPORT, MD 21562**
0.456 mi.
2406 ft.

Actual: **946 ft.**
Focus Map: **22**

OCPCASES:
Name: RODERICK FURNITURE OUTLET
Address: 203 MAIN ST
City,State,Zip: WESTERNPORT, MD 21562
Facility ID: 9-0034AL
Facility Status/Code: CLOSED/
Date Open: 07/14/1988
Date Closed: Not reported
Release: Not reported
Cleanup: Not reported
Registration Number: Not reported

---

74 **WILSON AMOCO/JAKES SERVICE STATION** **MD OCPCASES** **S104628780**
East **206 MAIN ST** **MD HIST UST** **N/A**
1/4-1/2 **WESTERNPORT, MD 21562**
0.466 mi.
2462 ft.

Actual: **946 ft.**
Focus Map: **22**

OCPCASES:
Name: WILSON AMOCO/JAKES SERVICE STATION
Address: 206 MAIN ST
City,State,Zip: WESTERNPORT, MD 21562
Facility ID: 9-0100AL
Facility Status/Code: CLOSED/Tank Closure - Motor/Lube Oil

WILSON AMOCO/JAKES SERVICE STATION (Continued) **S104628780**

Date Open: 07/14/1988
Date Closed: 12/11/1998
Release: YES
Cleanup: YES
Registration Number: 9232

Historical UST:
Facility ID: 3000269
Tank ID: 001
Age: 15
Capacity: 10,000
Tank Status: Currently in use
Product: Gasoline

Facility ID: 3000269
Tank ID: 002
Age: 17
Capacity: 3,000
Tank Status: Currently in use
Product: Gasoline

Facility ID: 3000269
Tank ID: 003
Age: 17
Capacity: 3,000
Tank Status: Currently in use
Product: Gasoline

Facility ID: 3000269
Tank ID: 004
Age: 40
Capacity: 3,000
Tank Status: Currently in use
Product: Gasoline

Facility ID: 3000269
Tank ID: 005
Age: 58
Capacity: 550
Tank Status: Permanently out of use
Product: Kerosene

Facility ID: 3000269
Tank ID: 006
Age: 58
Capacity: 1,000
Tank Status: Permanently out of use
Product: Used Oil

Facility ID: 3000269
Tank ID: 007
Age: 58
Capacity: 1,000
Tank Status: Currently in use
Product: Diesel

Facility ID: 3000269

WILSON AMOCO/JAKES SERVICE STATION (Continued) **S104628780**

Tank ID: 008
Age: 58
Capacity: 2,000
Tank Status: Permanently out of use
Product: Gasoline

Count: 33 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BARTON	S104602783	ESTELLA KITZMILLER	BARTLETT ST	21521	MD OCPCASES
BARTON	S105584117	GLEN CLARK & SONS/CLARK TRUCKING	68C RT 1 & MILL RUN RD	21562	MD OCPCASES
BARTON	S104614617	BARTON ELEMENTARY SCHOOL	19808 NEW GEORGES CREEK RD	21521	MD OCPCASES
BARTON	S104614556	BARTON ELEMENTARY SCHOOL	19808 NEW GEORGES CREEK RD	21521	MD OCPCASES
BARTON	U004013900	BARTON ELEMENTARY SCHOOL	19808 NEW GEORGES CREEK ROAD	21521	MD UST, MD Financial Assurance
BARTON	1005850278	TRI-STAR MINE # SM-97-429	RUSSELL ROAD	21521	FINDS
BARTON	1025476462	RUSSELL ROAD MINE	RUSSELL ROAD	21521	ECHO
BARTON	S111243542		20315 MILL RUN RD	21521	MD LEAD
BARTON	S118374180	STAR MINING - MAGRUDER PICKELL HILL & CRAWFORD MINES	RUSSELL RD	21521	MD NPDES
GARRETT COUNTY	1010027535	SCHWINABART & GREEN JOINT VEN	W. NEW GERMANY ROAD	00000	FINDS, ECHO
GARRETT COUNTY	S116601374	MORAN COAL COMPANY	WESTERNPORT		MD NPDES
GARRETT COUNTY	S116601394	SAVAGE MOUNTAIN MINERALS	WESTERNPORT		MD NPDES
HAMPSHIRE	1010028919	BRASHEAR COAL MINES	NORTHEAST OF WESTERNPORT	21562	FINDS, ECHO
LONACONING	S116600977	DANNY MUIR PROPERTY	RAILROAD ST OFF RT 36	21539	MD OCPCASES
LONACONING	S106862558	STATE HWY ADMIN	GEORGES CREEK PROJECT	21539	MD OCPCASES
MCCOOLE	S118374306	TRI-TOWNS INDUSTRIAL PARK WWTP	23000 BLOCK OF WESTERNPORT RD, MD RTE 135	21562	MD NPDES
WESTERNPORT	S104595445	MIKE MORAN	WESTERNPORT HILL RD	21562	MD OCPCASES
WESTERNPORT	1000441636	MARYLAND STATE HIGHWAY ADMIN	MD RT 36 3 MI N OF WESTERNPORT	21562	RCRA NonGen / NLR
WESTERNPORT	1010027767	MORAN COAL COMPANY FRANKLIN	0NE MILE NORTH OF WESTERNPORT	21562	FINDS, ECHO
WESTERNPORT	1016442282	SAVAGE MOUNTAIN MINERALS, INC	1800 BLOCK OF WESTERNPORT RD	21562	FINDS
WESTERNPORT	1016384619	MAGRUDER / ELKLICK	3.0 MILES N.W OF WESTERNPORT RD	21562	FINDS, ECHO
WESTERNPORT	1007823727	GEORGE CREEK DEEP MINE	WESTERNPORT ROAD	21562	FINDS
WESTERNPORT	1027737526	LOWER BAKERSTOWN MINE	WESTERNPORT ROAD, SW	21562	ECHO
WESTERNPORT	S107768585	PITTSBURGH COAL MINE	2 MI NW OF WESTERNPORT ROAD	21562	MD AIRS
WESTERNPORT	S118374301	TRI-STAR MINING - BAKERSTOWN STRIP - DISCHARGE PERMIT FOR MINES 264 AND 436	1.5 MILES NORTH OF WESTERNPORT	21562	MD NPDES
WESTERNPORT	S113870493	FRANKLIN HILL	1800 BLOCK OF WESTERNPORT RD	21562	MD NPDES
WESTERNPORT	S116237340	SAVAGE MOUNTAIN MINERALS, INC, PITTSBURGH COAL MINE AT FRANKLIN HILL	1800 BLOCK OF WESTERNPORT RD	21562	MD NPDES
WESTERNPORT	S118373578	MAGRUDER/ELKLICK	3.0 MILES NW OF WESTERNPORT AT WESTERNPORT RD	21562	MD NPDES
WESTERNPORT	S118373127	G & S COAL COMPANY, INC. - HAMPSHIRE HILL MINE	1.6 MI. NE WESTERNPORT	21562	MD NPDES
WESTERNPORT	S128539384	ARJ CONSTRUCTION COMPANY - TAYLOR #1 MINE	WESTERNPORT RD	21562	MD NPDES
WESTERNPORT	S118373568	LOWER BAKERSTOWN DEEP MINE	3.0 MILES NW OF BLOOMINGTON AT WESTERNPORT RD	21562	MD NPDES
WESTERNPORT	S116601310	ARJ CONSTRUCTION COMPANY	TAYLOR #1 MINE WESTERNPORT & AARON RUN RDS	21562	MD NPDES
WESTERNPORT	S113663637	FRANKLIN COAL YARD	12000 BLOCK OF NEW GEORGE'S CREEK RD SW	21562	MD NPDES

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

Lists of Federal NPL (Superfund) sites

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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 01/08/2024
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 01/08/2024
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

Lists of Federal Delisted NPL sites

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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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: 06/23/2023
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/08/2024
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

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: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

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: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
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: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

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: 08/03/2023
Date Data Arrived at EDR: 08/07/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 64

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/19/2024
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: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
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: 06/12/2023
Date Data Arrived at EDR: 06/20/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 55

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

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: 10/01/2009
Date Data Arrived at EDR: 12/11/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 3

Source: Department of the Environment
Telephone: 410-537-3000
Last EDR Contact: 10/26/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Semi-Annually

Lists of state and tribal landfills and solid waste disposal facilities

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: 07/24/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 08/08/2023
Number of Days to Update: 14

Source: Department of the Environment
Telephone: 410-537-3375
Last EDR Contact: 10/24/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Annually

Lists of state and tribal leaking storage tanks

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

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: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

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: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

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: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

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

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

OCPCASES: Oil Control Program Cases
Cases monitored by the Oil Control Program. these cases can be leaking underground storage tanks and other belowground releases, leaking aboveground storage tanks, spills and inspections.

Date of Government Version: 07/18/2023
Date Data Arrived at EDR: 08/18/2023
Date Made Active in Reports: 11/02/2023
Number of Days to Update: 76
Source: Department of Environment
Telephone: 410-537-3433
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Semi-Annually

HIST LUST: Recovery Sites

In 1999, the Department of the Environment stopped adding new sites to its Recovery Sites Database. Current leaking underground storage tank information maybe found in the OCPCASES database.

Date of Government Version: 03/01/1999
Date Data Arrived at EDR: 03/22/1999
Date Made Active in Reports: 04/16/1999
Number of Days to Update: 25

Source: Department of the Environment
Telephone: 410-537-3433
Last EDR Contact: 02/19/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

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: 07/18/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 08/22/2023
Number of Days to Update: 28

Source: Department of the Environment
Telephone: 410-537-3433
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Semi-Annually

AST: Permitted Aboveground Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 04/08/2023
Date Data Arrived at EDR: 04/13/2023
Date Made Active in Reports: 06/30/2023
Number of Days to Update: 78

Source: Department of The Environment
Telephone: 410-537-3000
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/18/2023
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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

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: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

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: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Site listing

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: 11/10/2008
Date Data Arrived at EDR: 11/21/2008
Date Made Active in Reports: 12/17/2008
Number of Days to Update: 26

Source: Department of the Environment
Telephone: 410-537-3422
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

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: 06/01/2023
Date Data Arrived at EDR: 06/06/2023
Date Made Active in Reports: 08/24/2023
Number of Days to Update: 79

Source: Department of the Environment
Telephone: 410-537-3493
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Semi-Annually

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

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

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

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

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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: 06/01/2023
Date Data Arrived at EDR: 06/06/2023
Date Made Active in Reports: 08/24/2023
Number of Days to Update: 79

Source: Dept. of the Environment
Telephone: 410-537-3000
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Semi-Annually

Lists of state and tribal brownfield sites

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: 04/06/2023
Date Data Arrived at EDR: 05/26/2023
Date Made Active in Reports: 08/16/2023
Number of Days to Update: 82

Source: Department of Environment
Telephone: 410-537-3000
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 04/06/2023
Date Data Arrived at EDR: 04/13/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Directory

A listing of recycling facilities.

Date of Government Version: 12/28/2022
Date Data Arrived at EDR: 12/28/2022
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 82

Source: Department of the Environment
Telephone: 410-631-3314
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/23/2023
Next Scheduled EDR Contact: 02/05/2024
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: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
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: 10/28/2023
Next Scheduled EDR Contact: 02/05/2024
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: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: No Update Planned

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: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

Historical UST: Historical UST Registered Database

In 1997 the Department of the Environment sent out registration forms to all the owner's listed in the UST database. Once they got the registration forms back they entered the information into a new UST database. we call this database UST. Because not all owners returned their forms, we kept the old UST database and labeled it HIST UST so that we would not be missing any past UST records. This listing is no longer updated or maintained by the agency. It is current through November 1996.

Date of Government Version: 11/21/1996
Date Data Arrived at EDR: 09/10/1997
Date Made Active in Reports: 10/22/1997
Number of Days to Update: 42

Source: Department of Environment
Telephone: 410-537-3433
Last EDR Contact: 05/15/2000
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Semi-Annually

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: 06/19/2023
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 89

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 07/15/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

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

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

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

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: 08/07/2023
Date Data Arrived at EDR: 08/15/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 56

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 11/27/2023
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: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/09/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

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: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/15/2024
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: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/19/2024
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: 06/19/2023
Date Data Arrived at EDR: 06/20/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
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: 10/31/2023
Next Scheduled EDR Contact: 02/12/2024
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: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/03/2023
Next Scheduled EDR Contact: 02/12/2024
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: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/15/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 08/18/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 81

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/18/2023
Next Scheduled EDR Contact: 11/27/2023
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: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 84

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 01/29/2024
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 12/11/2023
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: 05/09/2023
Date Data Arrived at EDR: 06/29/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/29/2024
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 02/12/2024
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: 03/20/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/06/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

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: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

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: 07/20/2023
Date Data Arrived at EDR: 09/01/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 19

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Quarterly

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

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 04/14/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/01/2023
Next Scheduled EDR Contact: 12/11/2023
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: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/28/2023
Next Scheduled EDR Contact: 12/11/2023
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: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/03/2023
Next Scheduled EDR Contact: 02/12/2024
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: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/22/2023
Next Scheduled EDR Contact: 01/08/2024
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: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

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: 06/30/2023
Date Data Arrived at EDR: 07/19/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 83

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
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: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
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: 10/02/2023
Next Scheduled EDR Contact: 01/15/2024
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: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
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: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/09/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 01/08/2024
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: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
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: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
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: 08/01/2023
Date Data Arrived at EDR: 08/22/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 77

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Quarterly

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: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
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: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
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: 06/13/2023
Date Data Arrived at EDR: 06/14/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 61

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
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: 05/04/2023
Date Data Arrived at EDR: 05/25/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 60

Source: EPA
Telephone: (215) 814-5000
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 10/20/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 82

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 09/13/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/24/2023
Date Data Arrived at EDR: 06/29/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
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: 08/14/2023
Date Data Arrived at EDR: 08/15/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 65

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 10/23/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: No Update Planned

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 07/16/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS: PFAS Contamination Site Listing

The list includes potential sources of PFAS. This may include different manufacturing facilities, landfills, wastewater treatment plants, electroplating facilities, etc. Sites on this were identified by their NASIC codes as industries that may use or produce PFAS. This list also includes sites known to the Land Restoration.

Date of Government Version: 01/09/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/22/2023
Number of Days to Update: 79

Source: Department of the Environment
Telephone: 410-537-3529
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

AIRS: Permit and Facility Information Listing

A listing of permitted facilities and emissions information.

Date of Government Version: 07/14/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 84

Source: Department of the Environment
Telephone: 410-537-3220
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Annually

ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 05/31/2023
Date Data Arrived at EDR: 06/28/2023
Date Made Active in Reports: 07/12/2023
Number of Days to Update: 14

Source: Department of the Environment
Telephone: 410-537-3809
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Varies

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: 09/15/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Varies

DRYCLEANERS: Registered Drycleaning Facilities

A listing of registered drycleaning facilities.

Date of Government Version: 07/14/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 84

Source: Department of the Environmental
Telephone: 410-537-3220
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information.

Date of Government Version: 02/15/2020
Date Data Arrived at EDR: 03/05/2020
Date Made Active in Reports: 05/11/2020
Number of Days to Update: 67

Source: Department of the Environment
Telephone: 410-537-3345
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for storage tank sites.

Date of Government Version: 07/18/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 08/22/2023
Number of Days to Update: 28

Source: Department of the Environment
Telephone: 410-537-3461
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Semi-Annually

LEAD: Lead Inspection Database
The Childhood Lead Poisoning Prevention Program data of lead inspection for the state.

Date of Government Version: 05/17/2023
Date Data Arrived at EDR: 06/07/2023
Date Made Active in Reports: 08/29/2023
Number of Days to Update: 83
Source: Department of Environment, Lead Poisoning Prevention Program
Telephone: 410-537-3000
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Annually

LRP: Land Restoration Program
A listing of Land Restoration Program sites. Site types included in the database are: Voluntary Cleanup Program, National Priority List, Brownfields, Site Assessment, Formerly Used Defense Site, State Master List, Non Master List, Groundwater Investigation and Federal Facility.

Date of Government Version: 04/06/2023
Date Data Arrived at EDR: 05/26/2023
Date Made Active in Reports: 08/16/2023
Number of Days to Update: 82
Source: Department of the Environment
Telephone: 410-537-3000
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Quarterly

MANIFEST: Hazardous Waste Manifest Information Listing
Hazardous waste manifest information for the state of Maryland. Maryland regulations require the generator to submit a copy of the manifest to the Maryland Department of the Environment.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 02/11/2020
Date Made Active in Reports: 04/21/2020
Number of Days to Update: 70
Source: Department of the Environment
Telephone: 410-537-3314
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Annually

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

Date of Government Version: 08/14/2023
Date Data Arrived at EDR: 08/15/2023
Date Made Active in Reports: 11/02/2023
Number of Days to Update: 79
Source: Department of the Environment
Telephone: 410-537-3507
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Semi-Annually

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: 07/21/2023
Date Data Arrived at EDR: 07/26/2023
Date Made Active in Reports: 10/16/2023
Number of Days to Update: 82
Source: Department of the Environment
Telephone: 410-537-3507
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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

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

EDR Hist Auto: EDR Exclusive Historical Auto 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 Historical Cleaners

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

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

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS 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.

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

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

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.

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 08/07/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/24/2023
Number of Days to Update: 77

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/07/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/28/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/05/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/09/2022
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
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 Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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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.

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

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

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

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

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

Daycare Centers: Child Care Providers
Source: Department of Human Resources
Telephone: 410-767-7805

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

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WESTERNPORT LANDFILL

WESTERNPORT, MD 21562

Inquiry Number: SLA
March 11, 2024

EDR Site Report™

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

TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of federal, state and local environmental databases.

Section 1: Facility Detail Reports . . . . . Page 3

All available detailed information from databases where sites are identified.

Section 2: Databases and Update Information. . . . . Page 4

Name, source, update dates, contact phone number and description of each of the databases for this report.

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

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SECTION 1: FACILITY DETAIL REPORTS

WESTERNPORT LANDFILL

WESTERNPORT, MD 21562
EDR ID #S120926390

Databases:
LF: Permitted Solid Waste Disposal Facilities

LF:

Name:	WESTERNPORT LANDFILL
Address:	Not reported
City,State,Zip:	WESTERNPORT, MD 21562
Facility ID:	Not reported
EPSC Number:	Not reported
Waste Type:	Municipal Landfill
Owner Type:	Not reported
MD Grid:	Not reported
Permit Exp:	Not reported
Site Area:	Not reported
Comments:	Last Lift Feb-1992; Capped with 5-6 feet of soil/fly ash
Facility Area:	12.00
Owner:	CTY
Project Manager:	Not reported
Permit Class:	Not reported
Permit Category:	Not reported
Permittee:	Not reported
Contact Phone:	Not reported
Status:	Closed
SP83E:	221676.362
SP83N:	205416.838

SECTION 2: DATABASES AND UPDATE DATES

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

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

DATABASES FOUND IN THIS REPORT

MD LF: Permitted Solid Waste Disposal Facilities
Source: Department of the Environment
Telephone: 410-537-3375
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: 08/31/2023
Database Release Frequency: Annually
Date of Last EDR Contact: 01/23/2024
Date of Next Scheduled Update: 05/06/2024

WESTERNPORT LANDFILL

MD

Inquiry Number: SLA
March 11, 2024

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Toll Free: 800.352.0050
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All available detailed information from databases where sites are identified.

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Name, source, update dates, contact phone number and description of each of the databases for this report.

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SECTION 1: FACILITY DETAIL REPORTS

WESTERNPORT LANDFILL

MD
EDR ID #S127732458

Databases:
PFAS: PFAS Contamination Site Listing

PFAS:

Name:	WESTERNPORT LANDFILL
Address:	Not reported
City,State,Zip:	MD
Object ID:	Not reported
HW ID:	2203
Origin ID:	52
Facility Type:	Landfill - Closed Municipal
Last update:	Not reported
PFAS use known/confirmed:	Not reported
PFAS detected:	Not reported
Total PFAS max conc EFFLUENT (ng/L):	Not reported
Total PFAS max conc gw (ng/L):	Not reported
Total PFAS max conc sw (ng/L):	Not reported
Total PFAS max conc soil (ng/g):	Not reported
Total PFAS max conc sed (ng/g):	Not reported
PFAS detects in domestic wells:	Not reported
Comments:	Not reported
Site Latitude:	Not reported
Site Longitude:	Not reported
URL:	Not reported

SECTION 2: DATABASES AND UPDATE DATES

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

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

DATABASES FOUND IN THIS REPORT

MD PFAS: PFAS Contamination Site Listing
Source: Department of the Environment
Telephone: 410-537-3529
The list includes potential sources of PFAS. This may include different manufacturing facilities, landfills, wastewater treatment plants, electroplating facilities, etc. Sites on this were identified by their NASIC codes as industries that may use or produce PFAS. This list also includes sites known to the Land Restoration.

Date of Government Version: 09/05/2023
Database Release Frequency: Varies
Date of Last EDR Contact: 03/04/2024
Date of Next Scheduled Update: 06/17/2024

Appendix IV: Historical Research Documentation

Jade 3 Site

New Georges Creek Road

Westernport, MD 21562

Inquiry Number: 7496218.4

November 17, 2023

The EDR Aerial Photo Decade Package

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

Date EDR Searched Historical Sources:

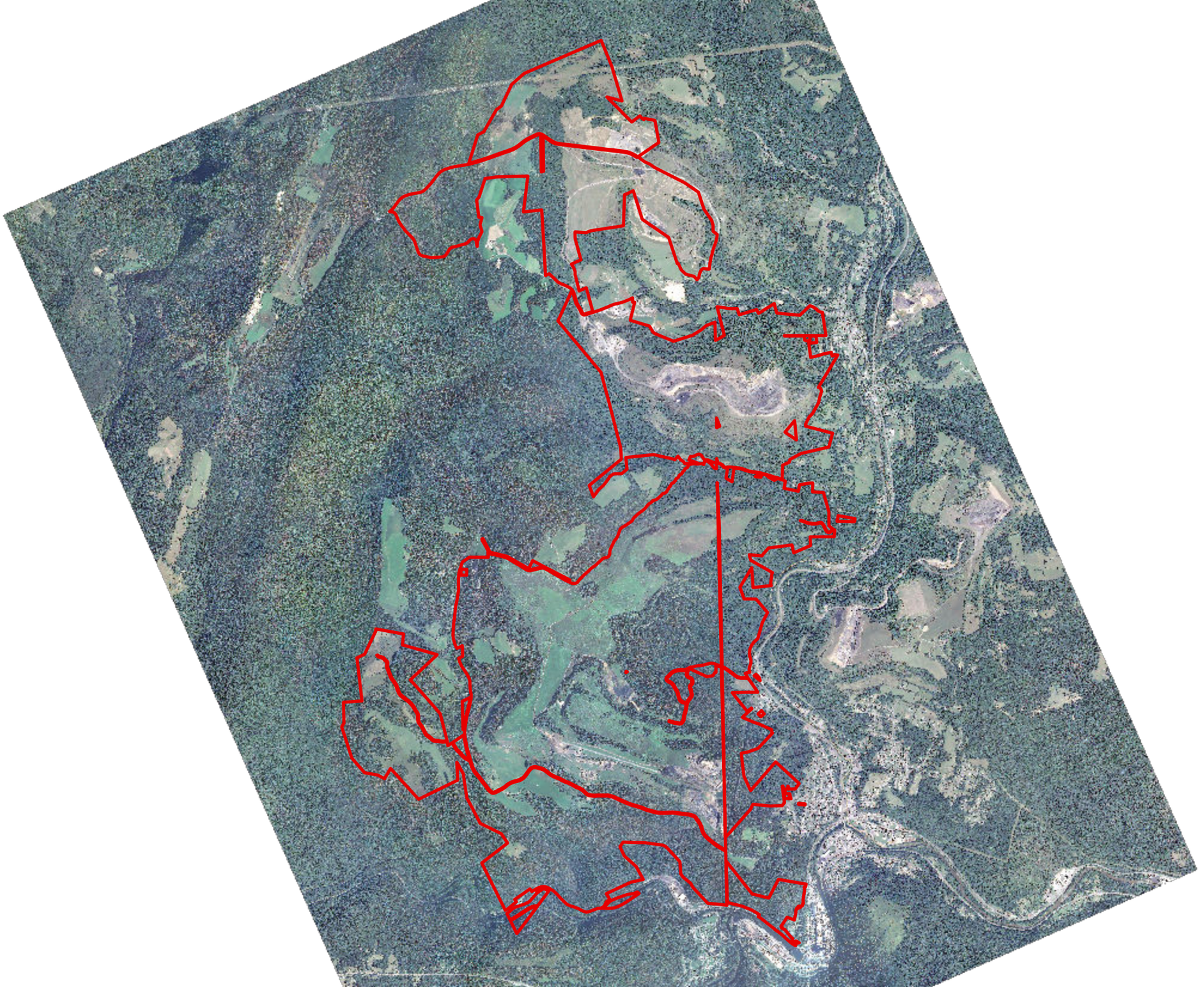
Aerial Photography November 17, 2023

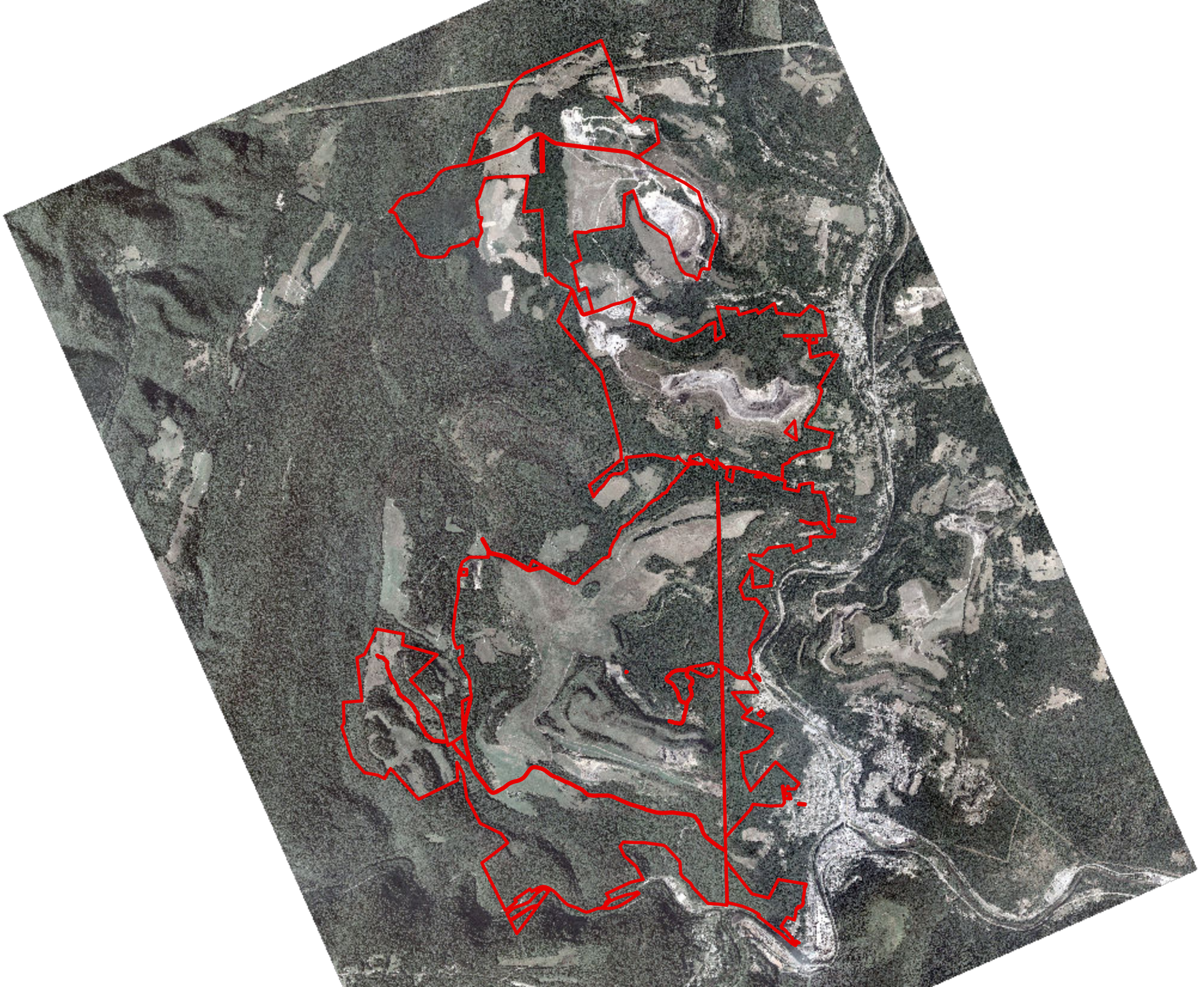
Target Property:

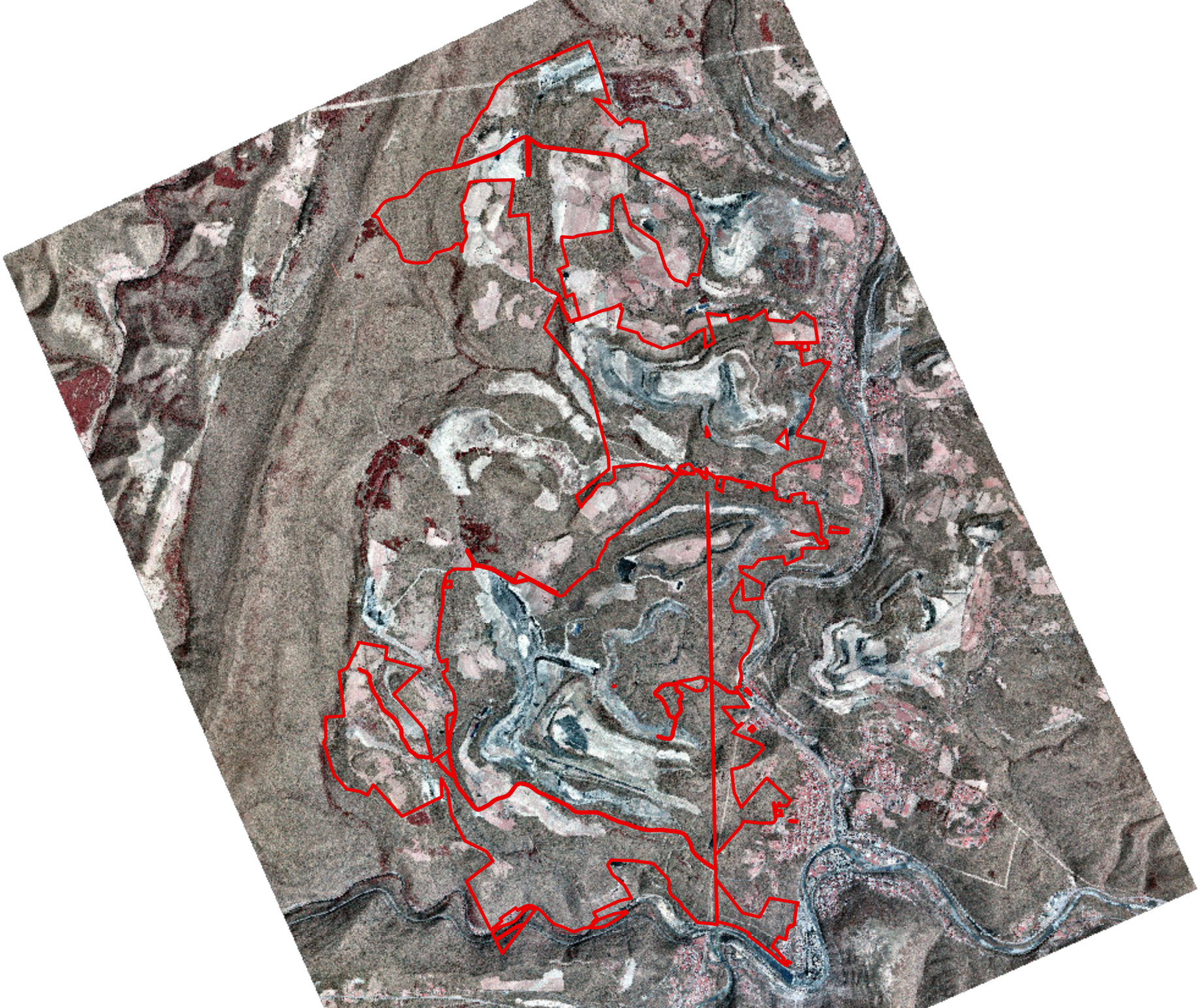
New Georges Creek Road

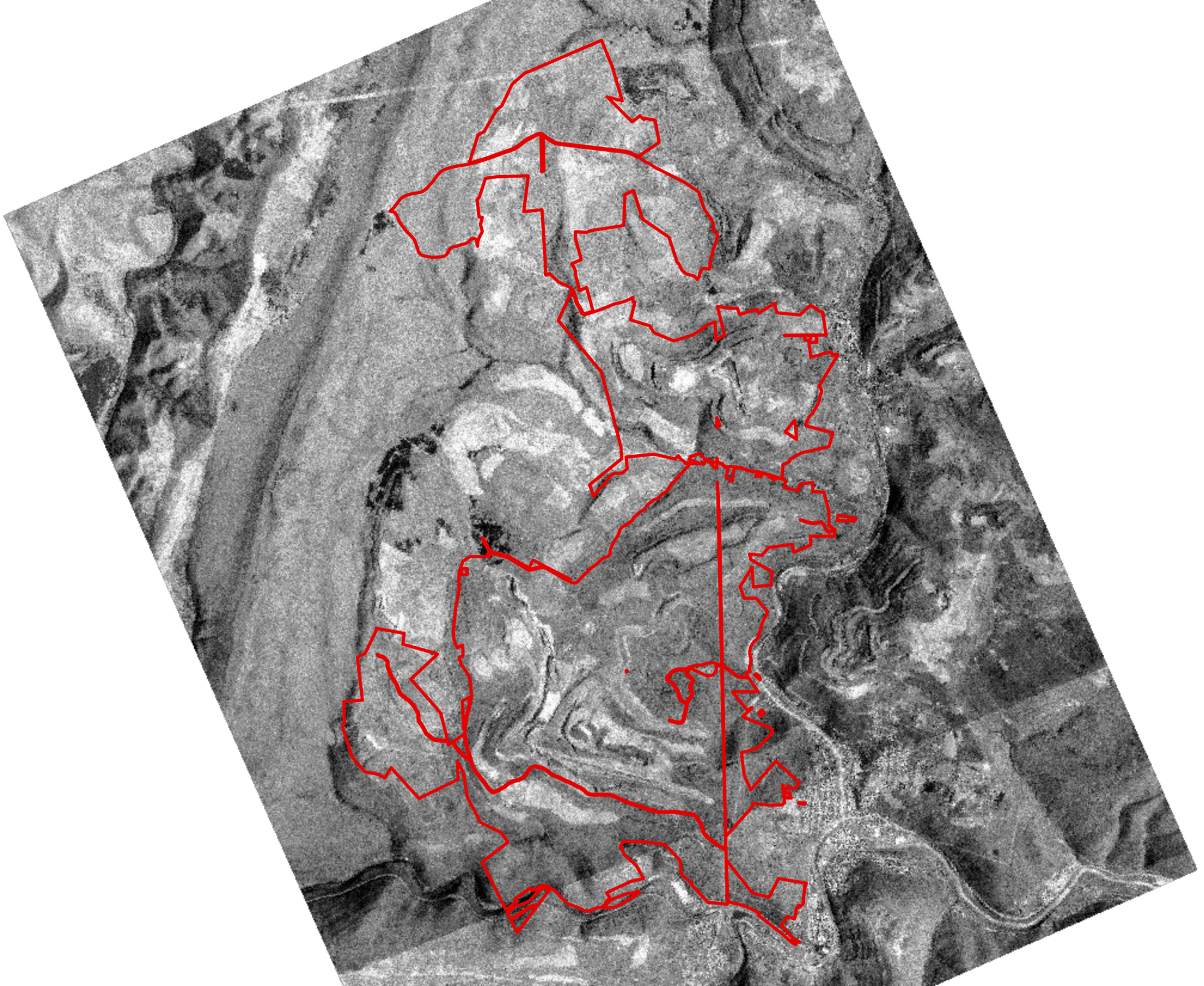
Westernport, MD 21562

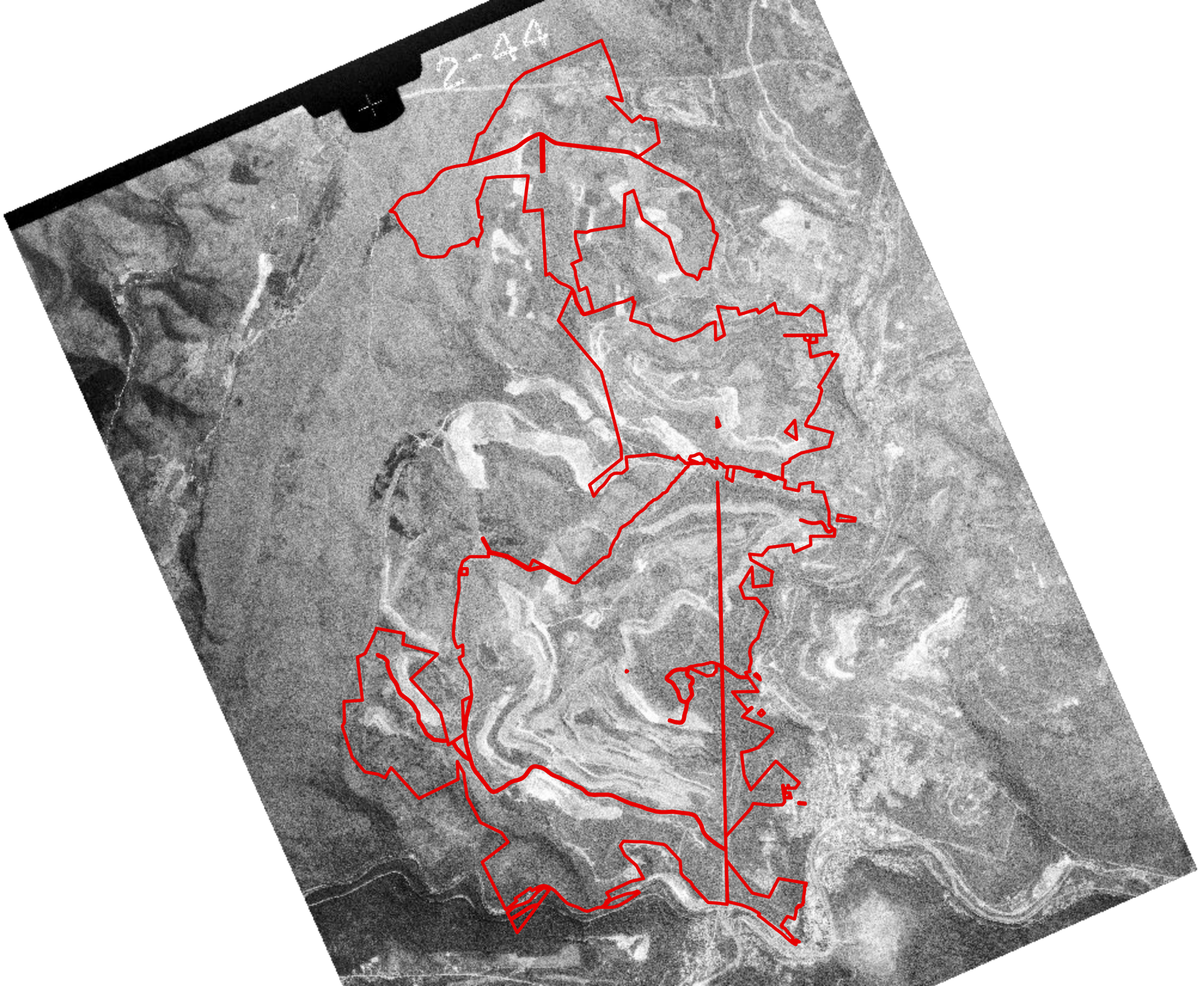
Year	***Scale***	***Details***	***Source***
1946	Aerial Photograph. Scale: 1"=4000'	Flight Year: 1946	USGS
1960	Aerial Photograph. Scale: 1"=4000'	Flight Year: 1960	USGS
1966	Aerial Photograph. Scale: 1"=4000'	Flight Year: 1966	USGS
1974	Aerial Photograph. Scale: 1"=4000'	Flight Year: 1974	USGS
1979	Aerial Photograph. Scale: 1"=4000'	Flight Year: 1979	USGS
1982	Aerial Photograph. Scale: 1"=4000'	Flight Year: 1982	USGS
1995-1996	Aerial Photograph. Scale: 1"=4000'	Flight Year: 1995-1996	USGS/DOQQ
2005	Aerial Photograph. Scale: 1"=4000'	Flight Year: 2005	USGS/NAIP
2011	Aerial Photograph. Scale: 1"=4000'	Flight Year: 2011	USGS/NAIP
2015	Aerial Photograph. Scale: 1"=4000'	Flight Year: 2015	USGS/NAIP
2018	Aerial Photograph. Scale: 1"=4000'	Flight Year: 2018	USGS/NAIP







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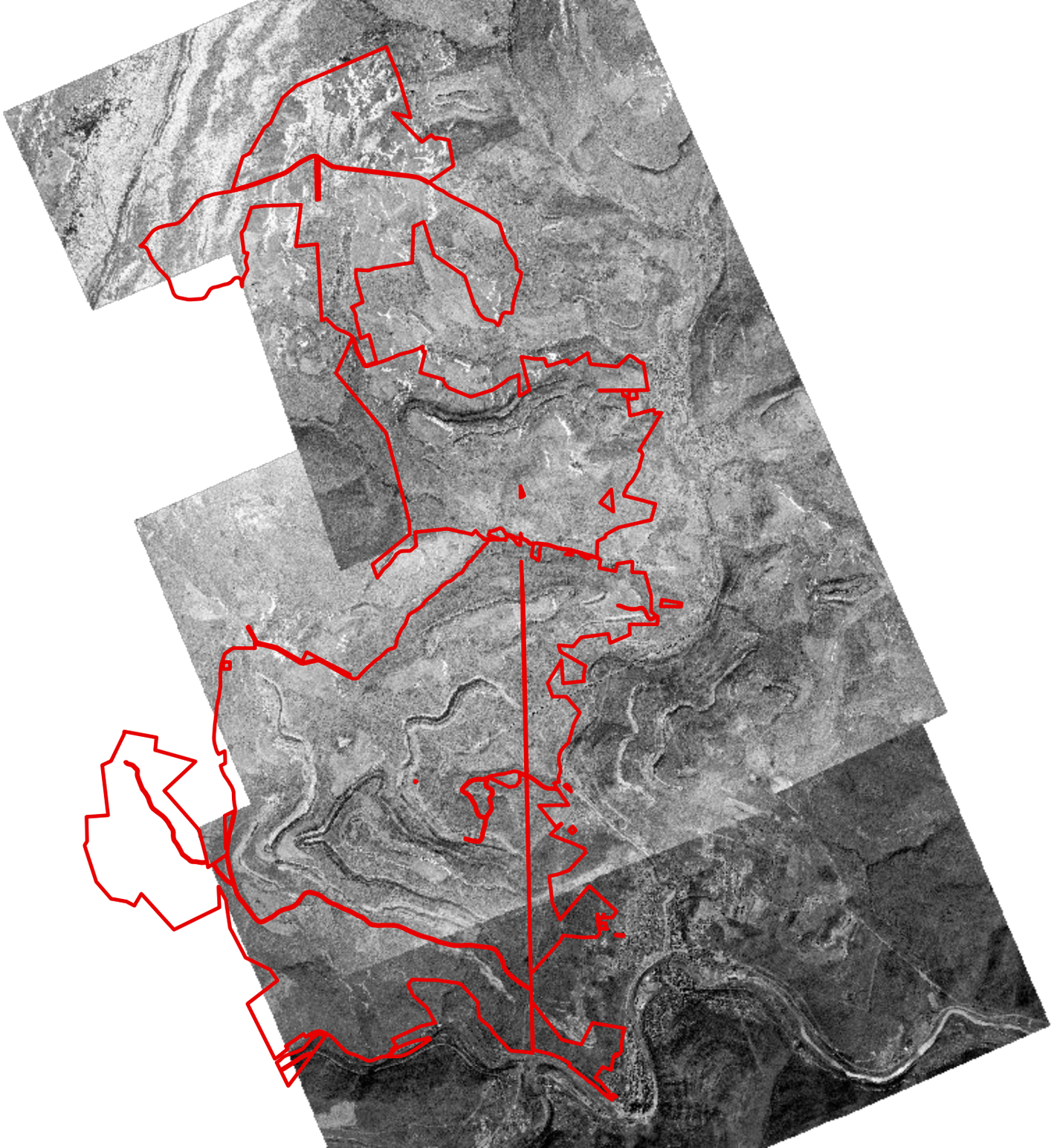

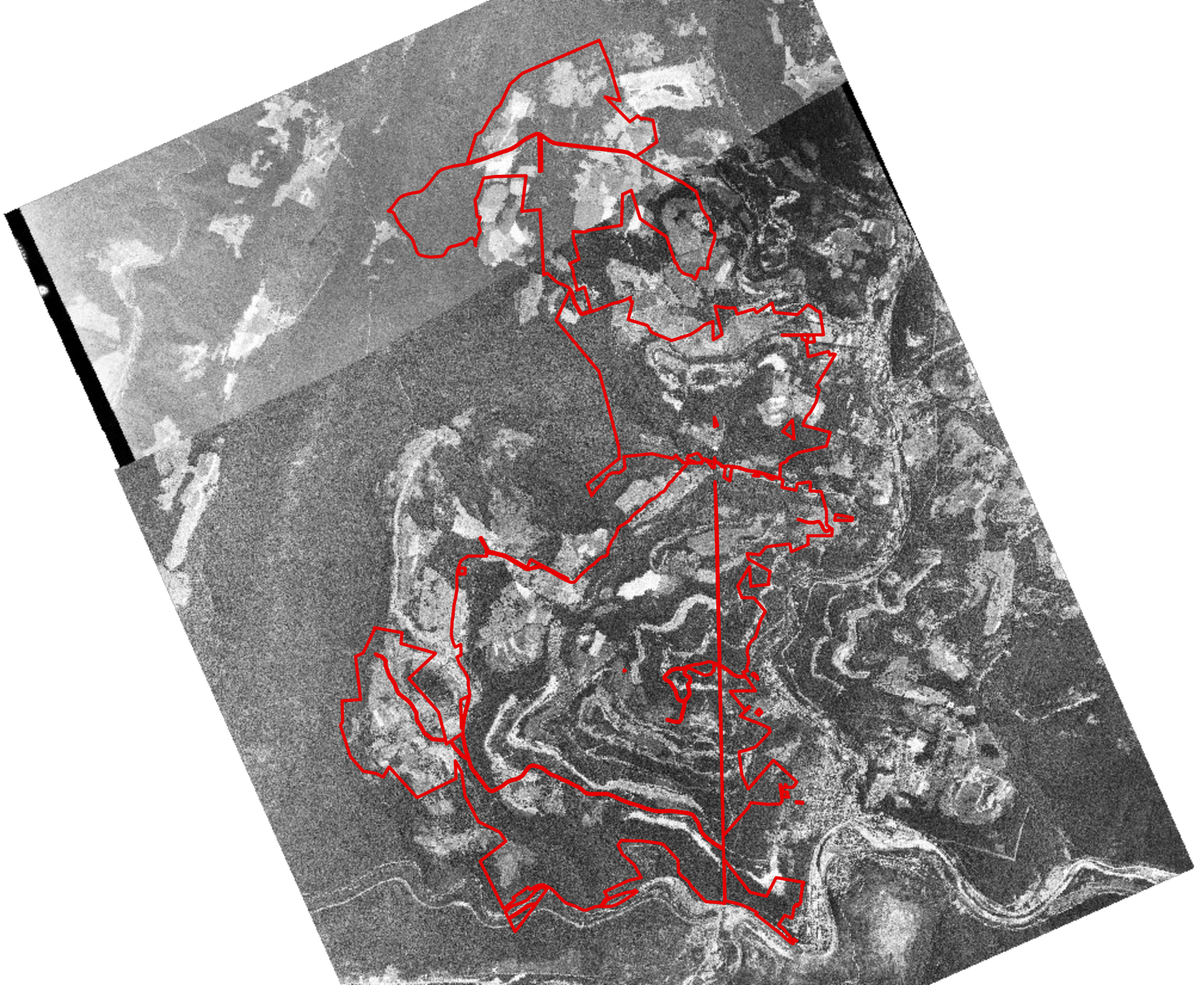

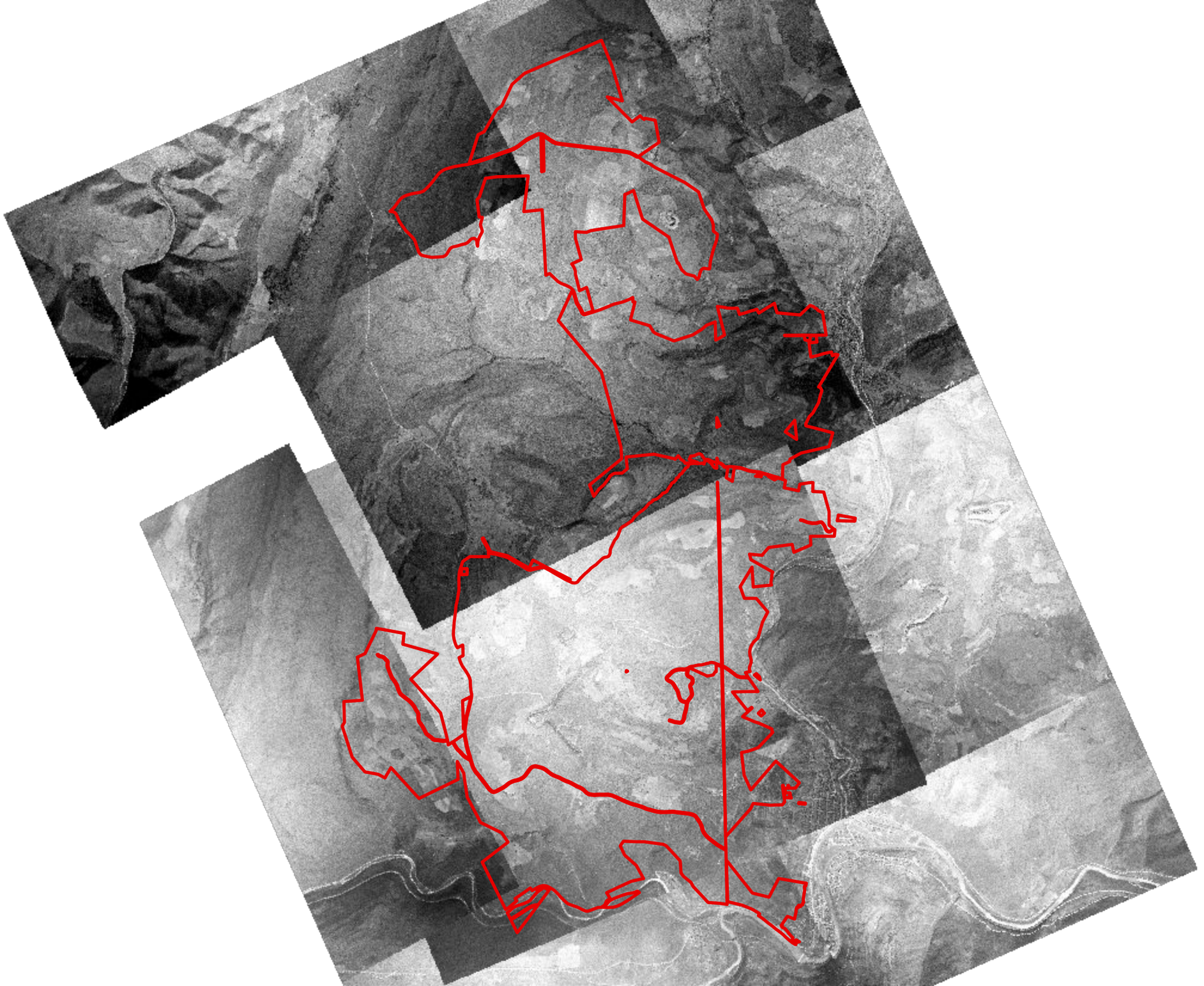

Jade 3 Site

New Georges Creek Road

Westernport, MD 21562

Inquiry Number: 7496218.2

November 14, 2023

Certified Sanborn® Map Report

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Certified Sanborn® Map Report

11/14/23

Site Name:

Jade 3 Site
New Georges Creek Road
Westernport, MD 21562
EDR Inquiry # 7496218.2

Client Name:

ECS Mid Atlantic, LLC
14026 Thunderbolt Place
Chantilly, VA 20151
Contact: EMILY GRIMES

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Certified Sanborn Results:

Certification # 0B60-4A5C-AFCF

PO # NA

Project 47 17729

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Sanborn® Library search results

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

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Jade 3 Site

New Georges Creek Road

Westernport, MD 21562

Inquiry Number: 7496218.1

November 17, 2023

EDR Historical Topo Map Report

with QuadMatch™

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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

11/17/23

Site Name:

Jade 3 Site
New Georges Creek Road
Westernport, MD 21562
EDR Inquiry # 7496218.1

Client Name:

ECS Mid Atlantic, LLC
14026 Thunderbolt Place
Chantilly, VA 20151
Contact: EMILY GRIMES

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Search Results:

P.O.# NA
Project: 47 17729

Coordinates:

Latitude:	39.518569 39° 31' 7" North
Longitude:	-79.0529 -79° 3' 10" West
UTM Zone:	Zone 17 North
UTM X Meters:	667371.38
UTM Y Meters:	4376135.36
Elevation:	1995.87' above sea level

Maps Provided:

2019	1949, 1950	1895
2016	1949	
2014	1947	
1996	1922	
1981	1920	
1979	1919	
1974	1904	
1951	1899	

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Topo Sheet Key

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2019 Source Sheets

Westernport
2019
7.5-minute, 24000

Barton
2019
7.5-minute, 24000

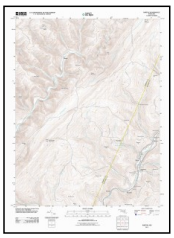
2016 Source Sheets

Barton
2016
7.5-minute, 24000

Westernport
2016
7.5-minute, 24000

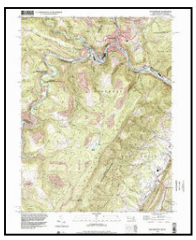
2014 Source Sheets

Westernport
2014
7.5-minute, 24000



Barton
2014
7.5-minute, 24000

1996 Source Sheets



Westernport
1996
7.5-minute, 24000
Aerial Photo Revised 1996

Topo Sheet Key

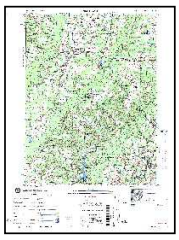
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1981 Source Sheets

Westernport
1981
7.5-minute, 24000
Aerial Photo Revised 1979

Barton
1981
7.5-minute, 24000
Aerial Photo Revised 1979

1979 Source Sheets



GRANTSVILLE
1979
15-minute, 50000

ELK GARDEN
1979
15-minute, 50000

1974 Source Sheets

Barton
1974
7.5-minute, 24000
Aerial Photo Revised 1974

Westernport
1974
7.5-minute, 24000
Aerial Photo Revised 1974

1951 Source Sheets

Westernport
1951
7.5-minute, 24000
Aerial Photo Revised 1947

Topo Sheet Key

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

1949, 1950 Source Sheets

Barton
1949
7.5-minute, 24000
Aerial Photo Revised 1946

Westernport
1950
7.5-minute, 24000
Aerial Photo Revised 1947

1947 Source Sheets

Barton
1947
7.5-minute, 24000
Aerial Photo Revised 1946

1922 Source Sheets

Elk Garden
1922
15-minute, 62500

1920 Source Sheets

Elk Garden
1920
15-minute, 48000

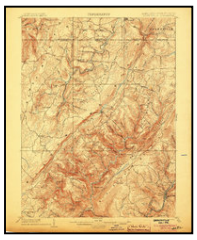
Topo Sheet Key

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

1919 Source Sheets

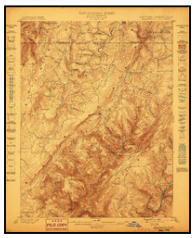
Elk Garden
1919
15-minute, 48000

1904 Source Sheets



Grantsville
1904
15-minute, 62500

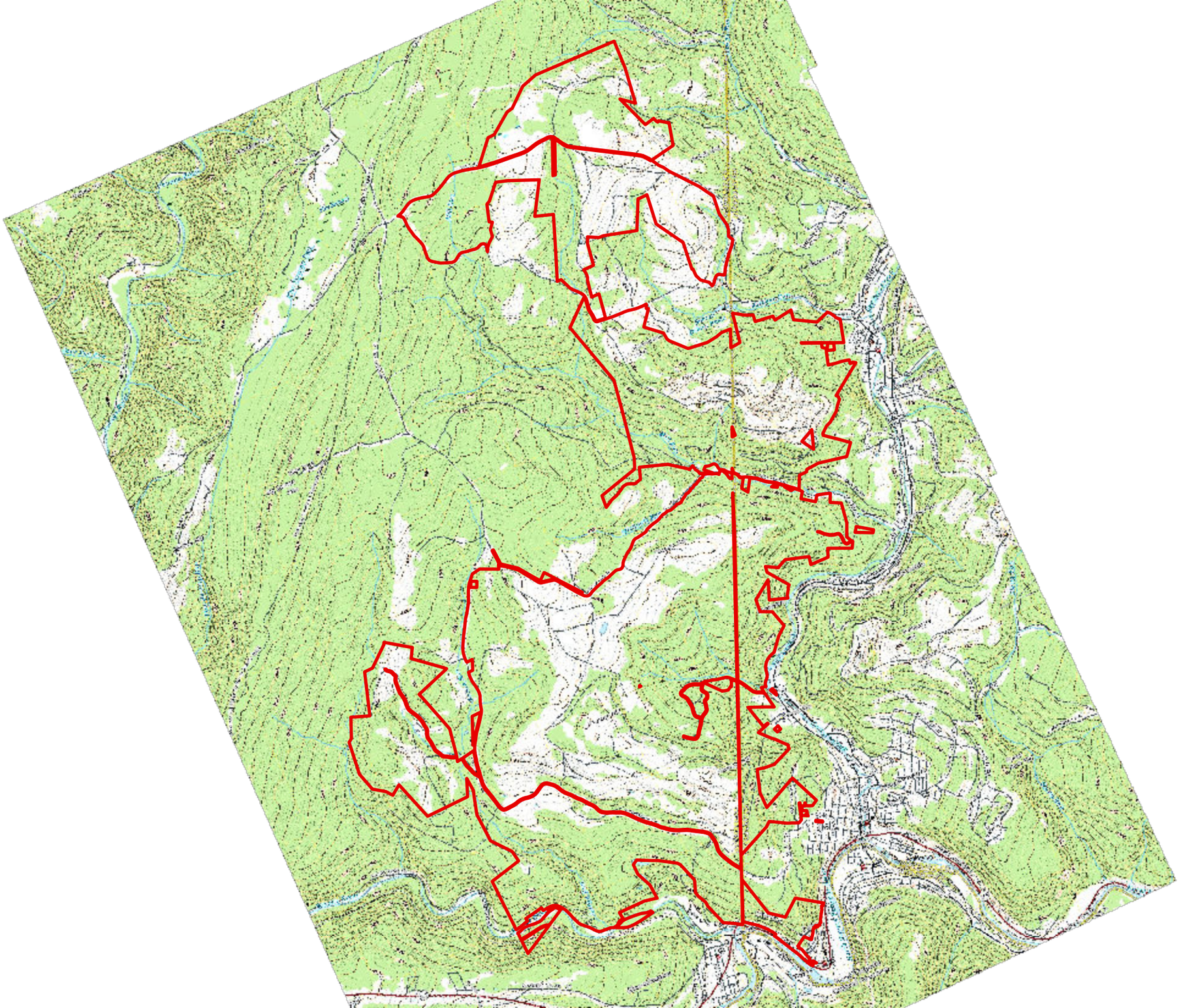
1899 Source Sheets

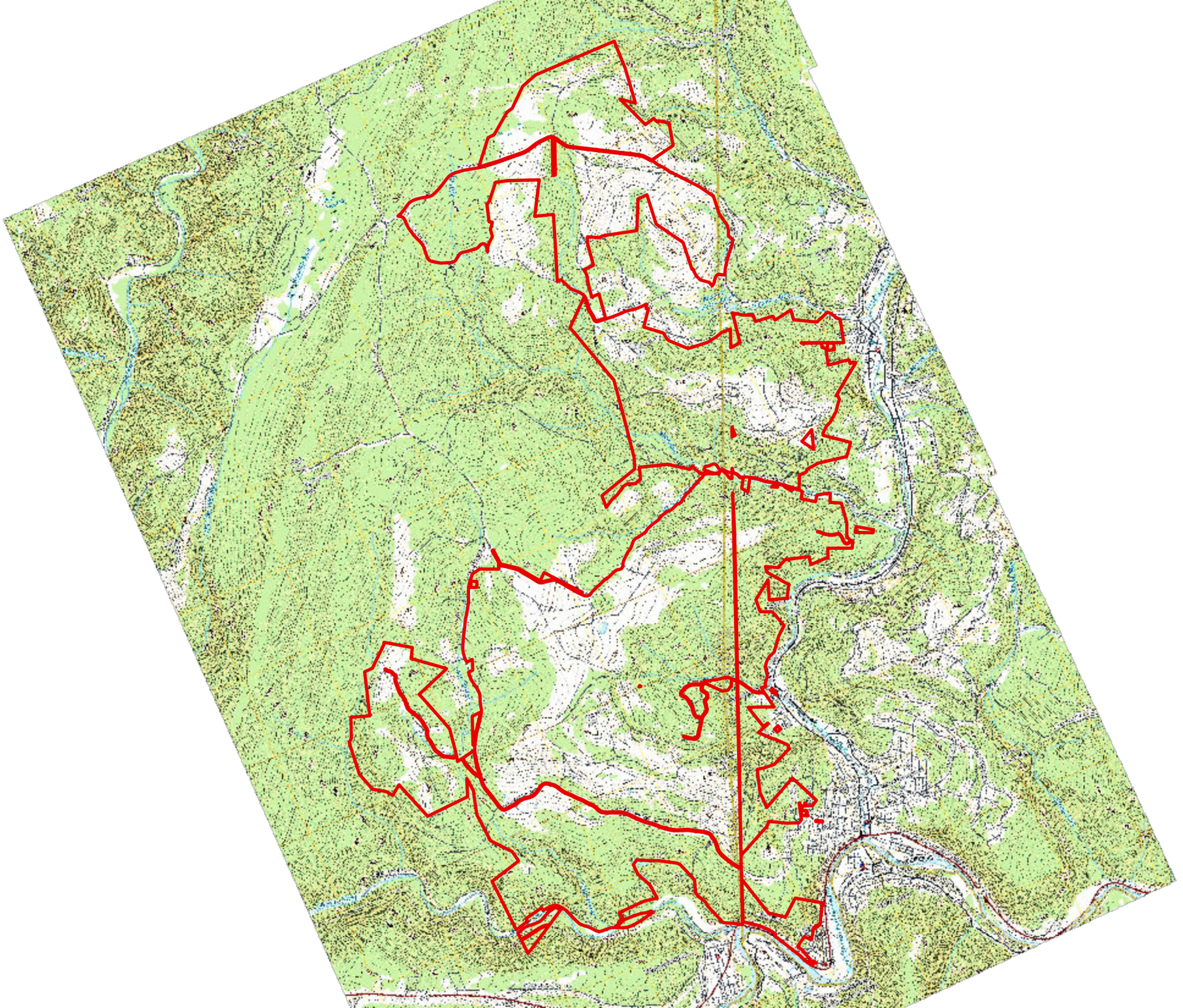


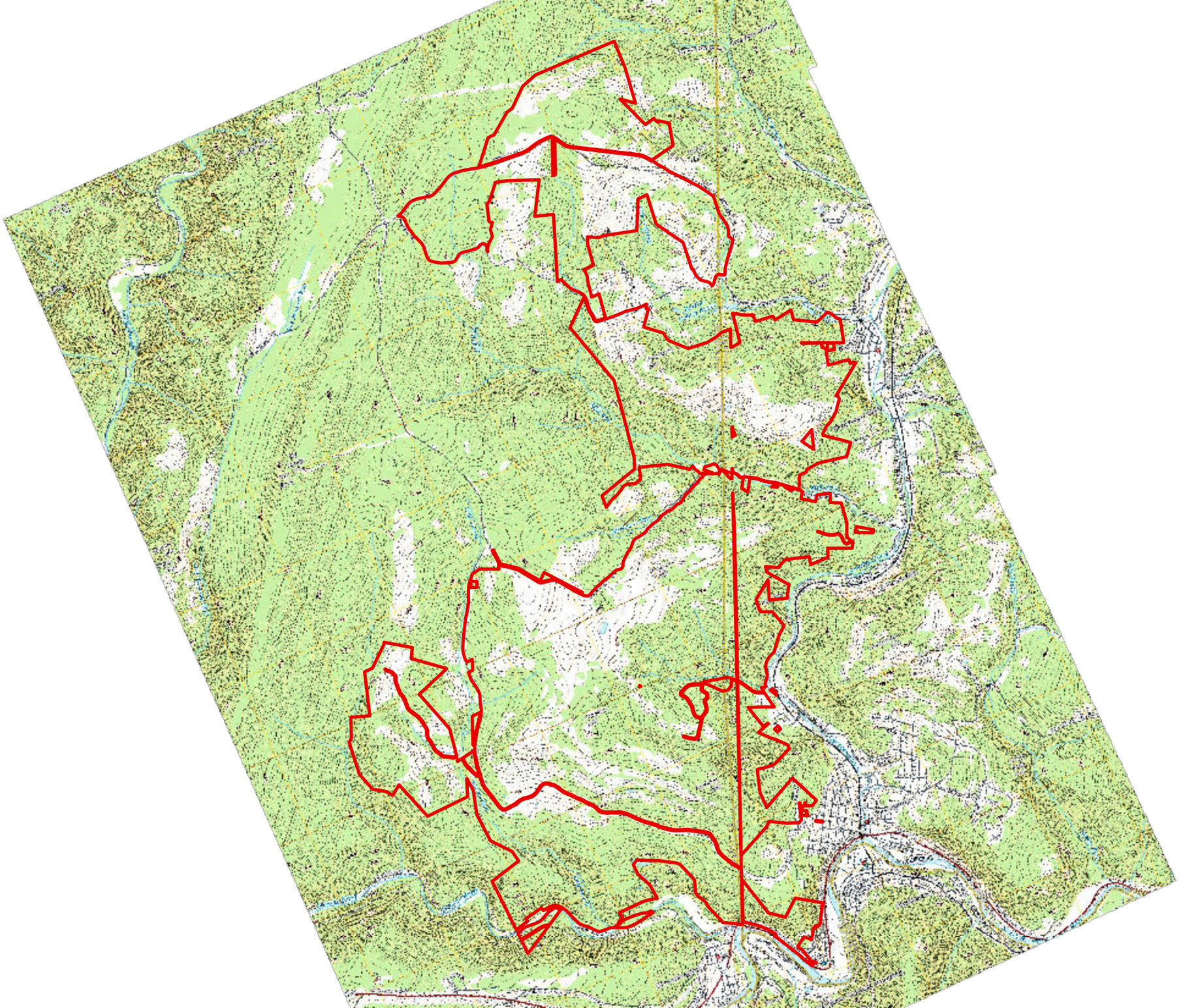
Grantsville
1899
15-minute, 62500

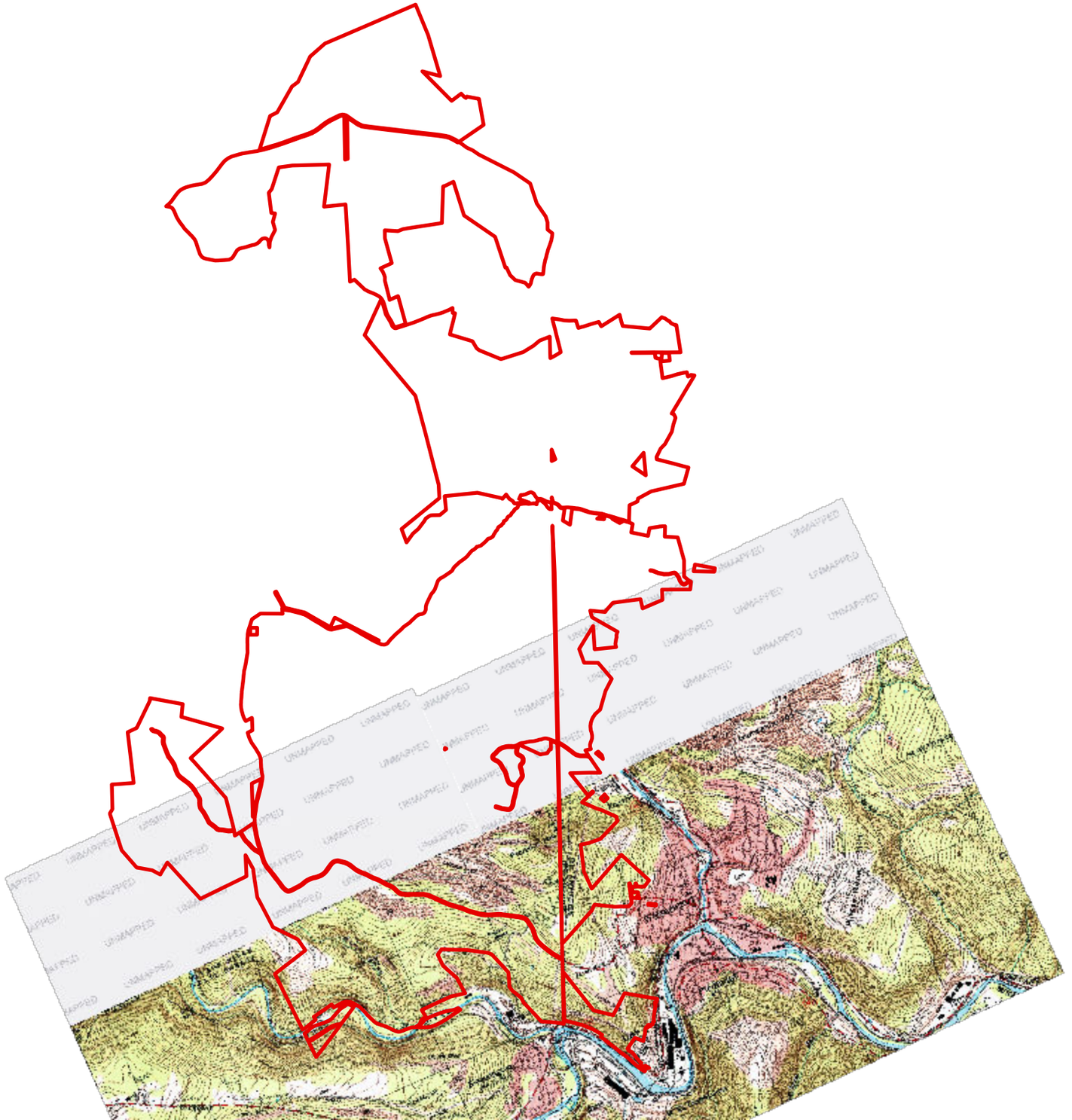
1895 Source Sheets

Piedmont
1895
30-minute, 125000





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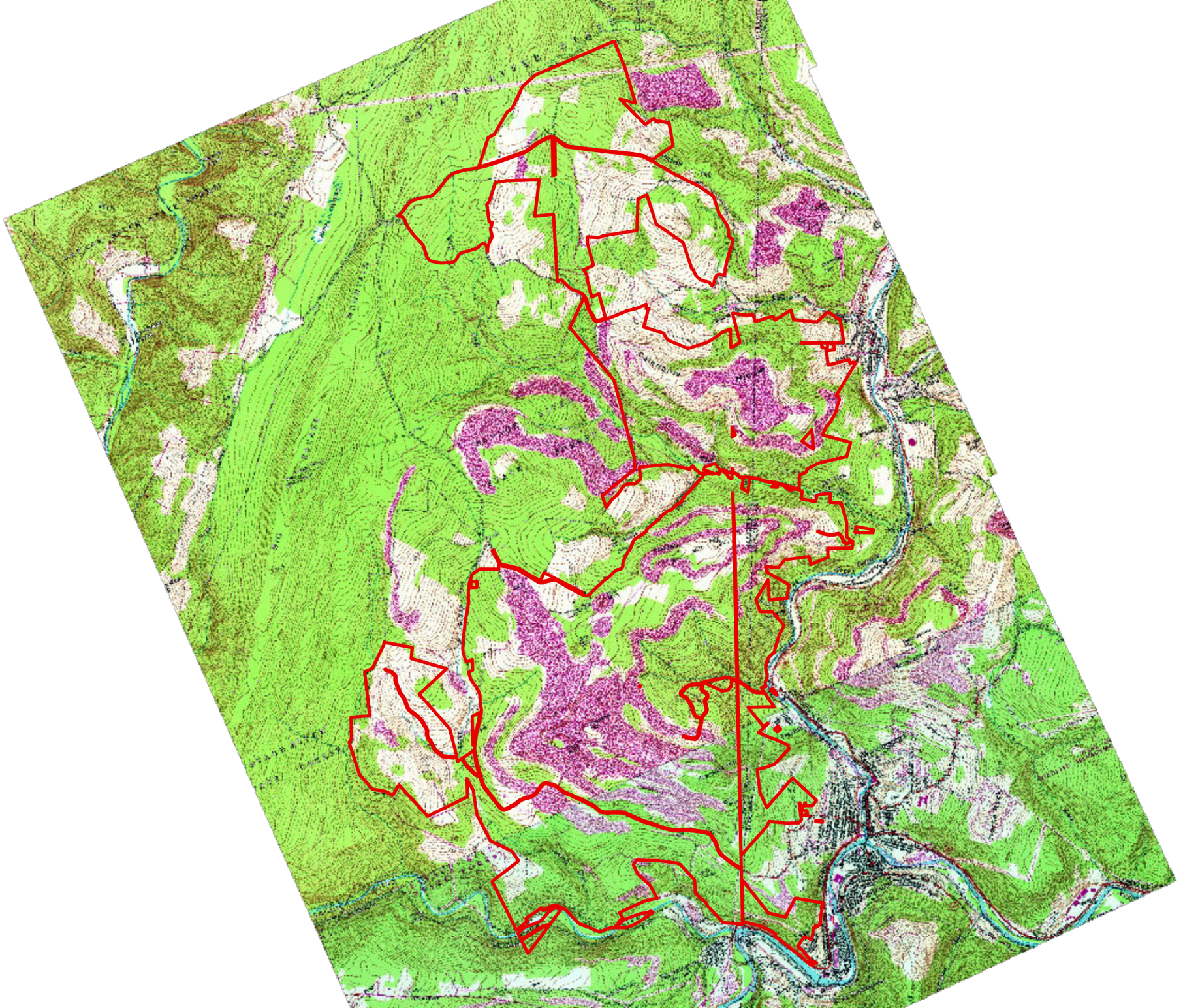
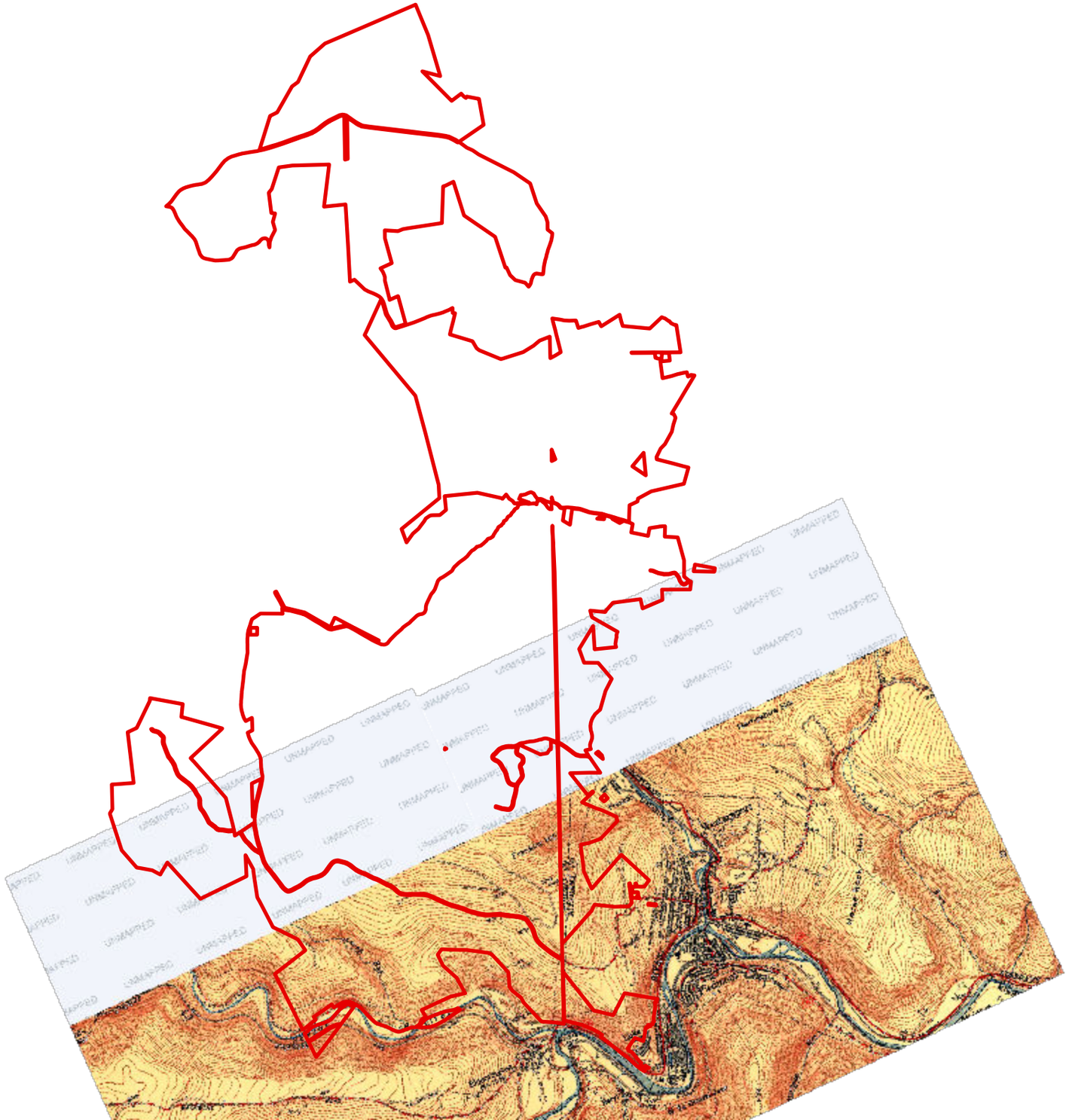


SAVAGE
FOREST
STATE
RIVER
BIG
Elbow Run
Caledonia Hill
Butcher Run
Mill Run
Michaels Run
Phoenix Hill
Franklin Hill
Hampshire Hill
Horse Rock Run
Mosco
Garrett Co
Allegany Co
Westernport
Piedmont
Bloomington
Allegheny Front
Savage River State Forest
Savage River
Baltimore and Ohio
W. Va. Central
Game Propagation Area
High Rock Lookout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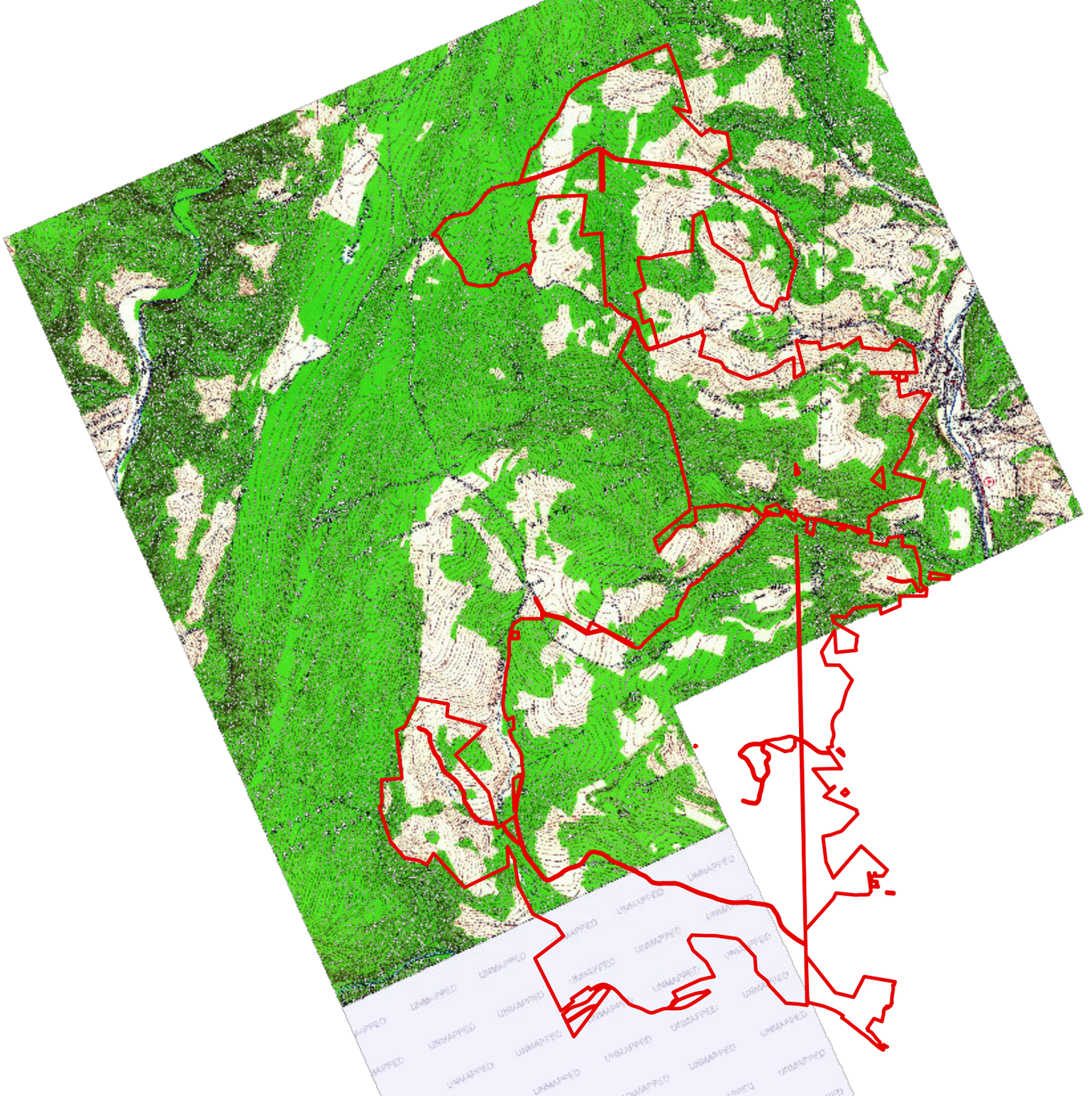
SAVAGE MOUNTAIN
SAVAGE RIVER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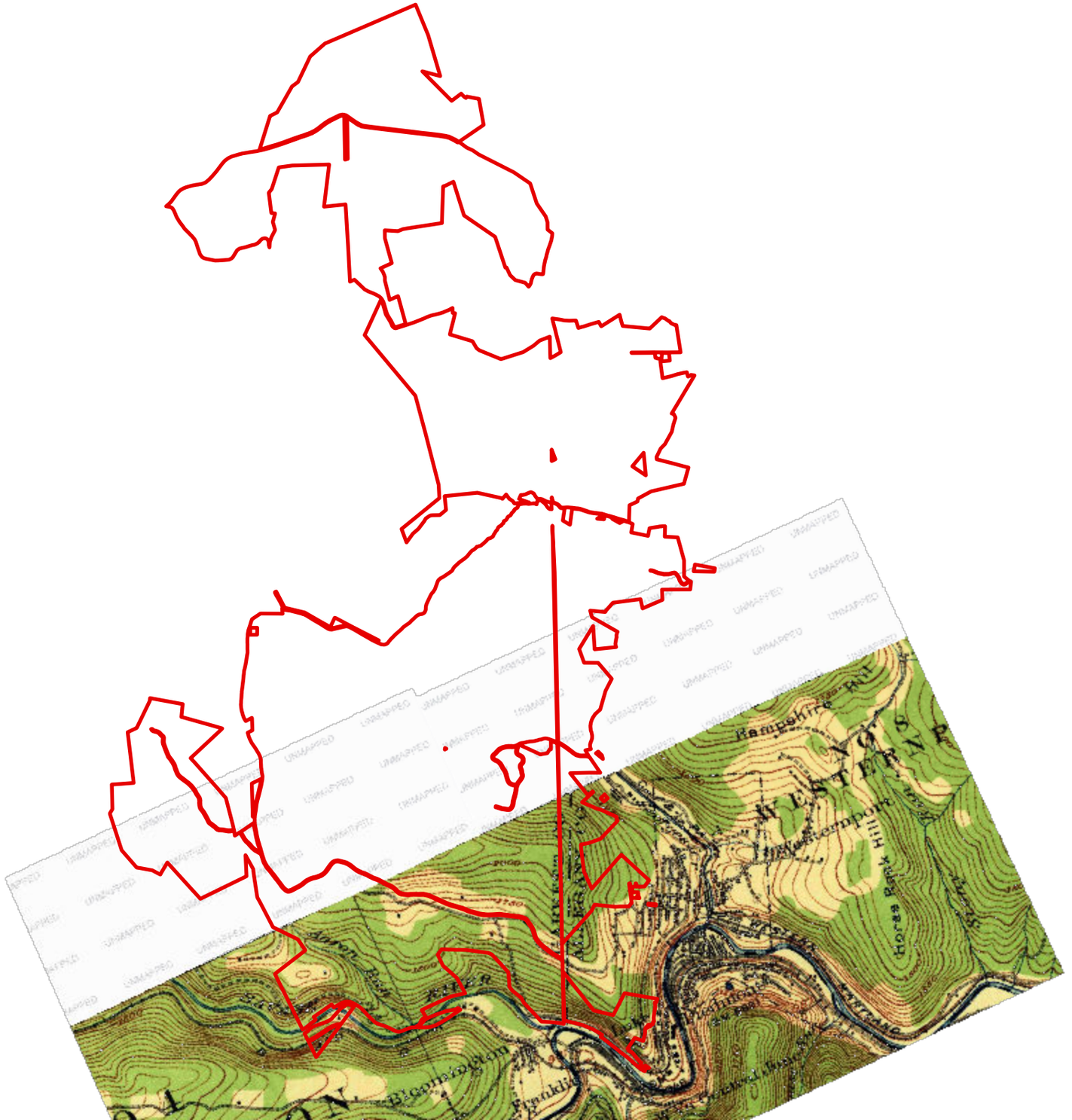
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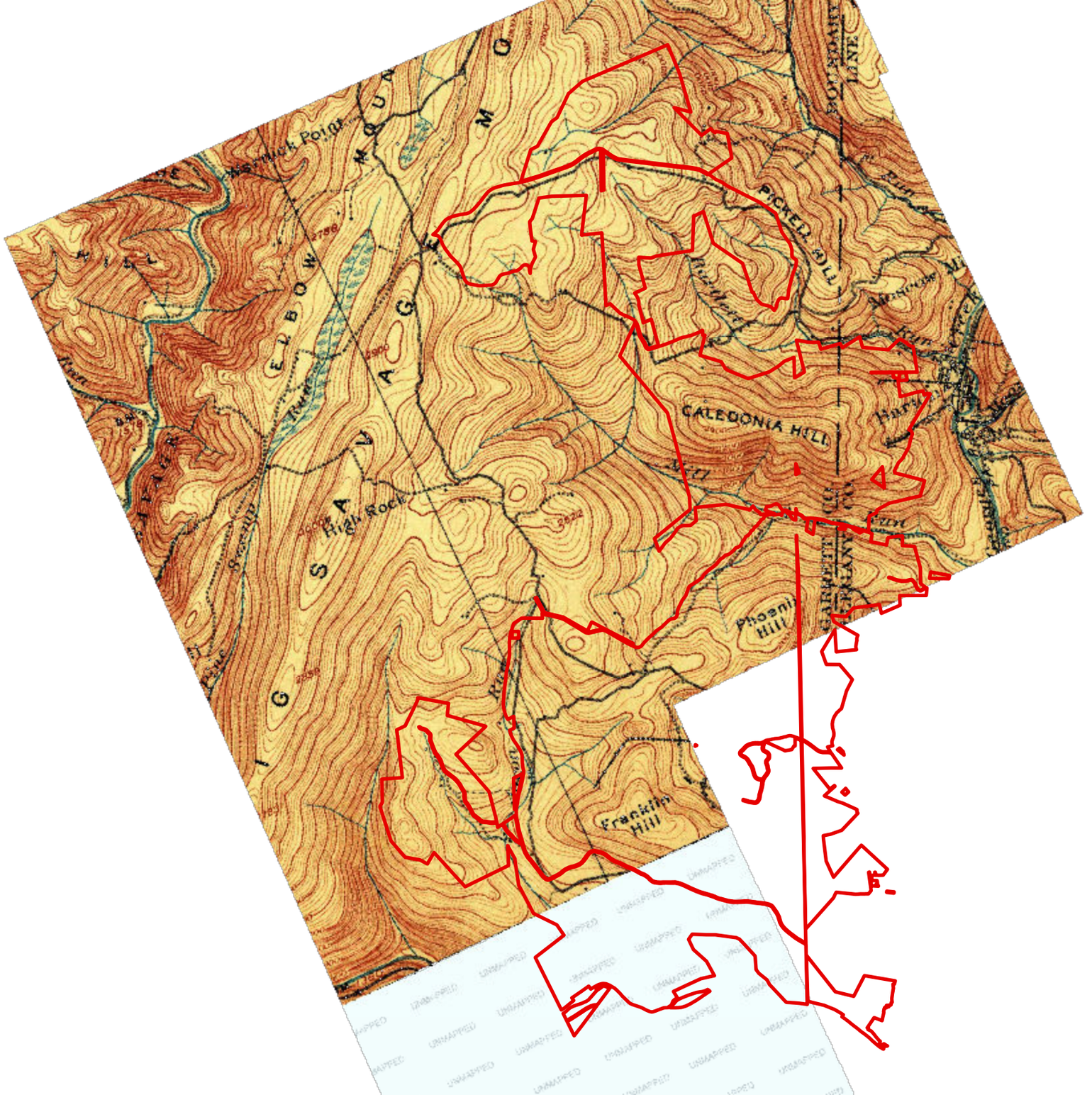
Horse Rock Hill
Aaron Run
Aaron Run
Franklin

UNMAPPED
Franklin
ALLEGANY

UNMAPPED
ALLEGANY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ELBOW
SAGAMORE
High Rock
CALEDONIA HILL
Phoenix Hill
Franklin Hill
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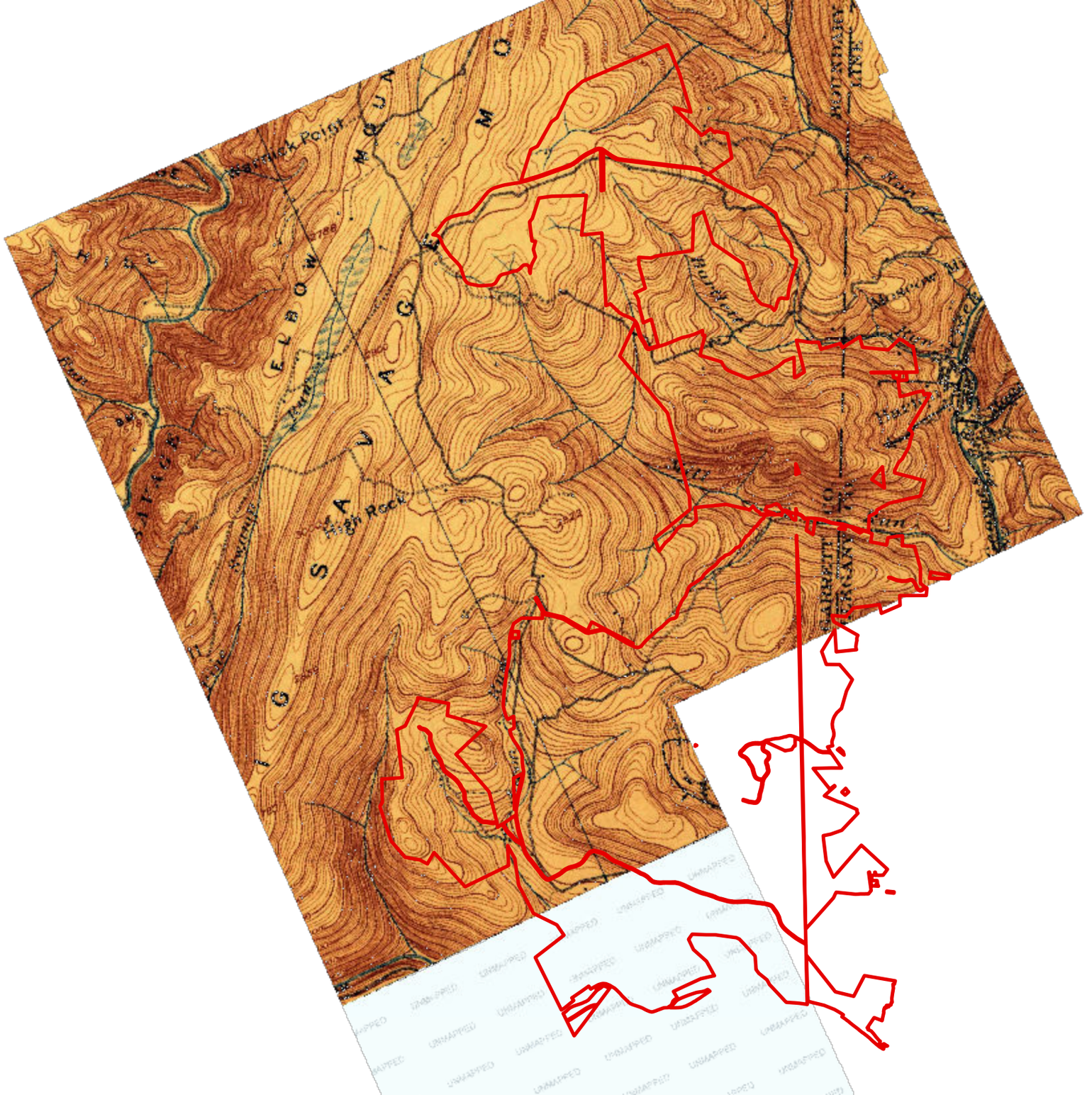
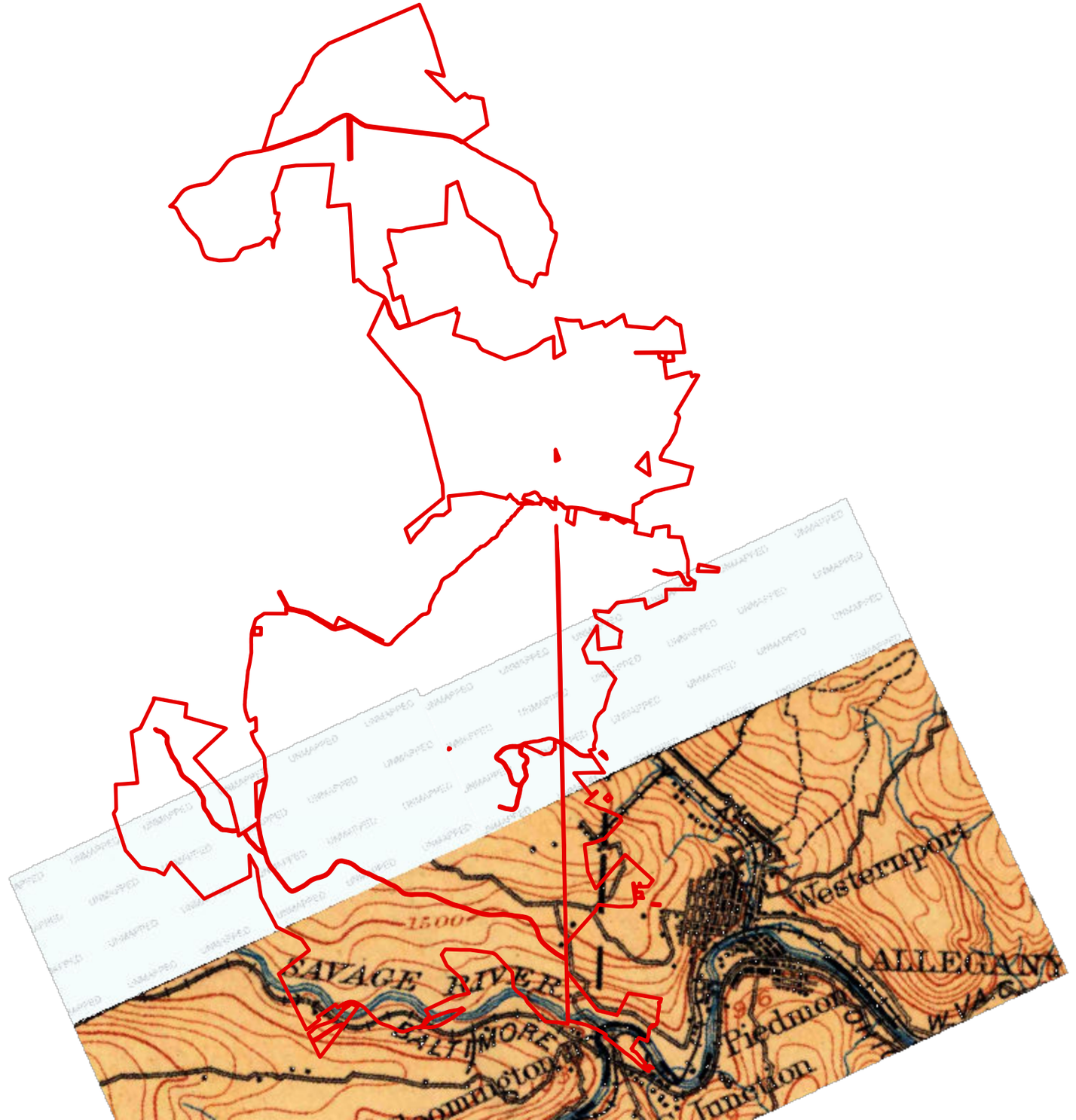

Barrack Point
ELBOW MOUNTAIN
SAVAGE
High Rock
BARRETT
UNMAPPED


SAVAGE RIVER
Westernport
ALLEGANY
Piedmont
Junction
W.Va.
1500'

Jade 3 Site
New Georges Creek Road
Westernport, MD 21562

Inquiry Number: 7496218.5
November 15, 2023

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

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

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

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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 business directory data at approximately five year intervals.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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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*
2020	☑	☑	Cole Information
	☑	☑	EDR Digital Archive
2017	☑	☑	Cole Information
2014	☑	☑	Cole Information
2010	☑	☑	Cole Information
2005	☑	☑	Cole Information
2000	☐	☑	Cole Information

FINDINGS

TARGET PROPERTY STREET

New Georges Creek Road
Westernport, MD 21562

Year	*CD Image*	*Source*	
NEW GEORGES CREEK RD SW			
2020	pg A1	EDR Digital Archive	
2017	pg A4	Cole Information	
2014	pg A6	Cole Information	
2010	pg A9	Cole Information	
2005	pg A11	Cole Information	
2000	-	Cole Information	Street not listed in Source

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*	
MICHAEL RD			
2020	-	Cole Information	Street not listed in Source
2017	-	Cole Information	Street not listed in Source
2014	-	Cole Information	Street not listed in Source
2010	-	Cole Information	Street not listed in Source
2005	-	Cole Information	Street not listed in Source
2000	-	Cole Information	Street not listed in Source
WESTERNPORT RD SW			
2020	pg. A2	EDR Digital Archive	
2017	pg. A5	Cole Information	
2014	pg. A7	Cole Information	
2010	pg. A10	Cole Information	
2005	pg. A12	Cole Information	
2000	pg. A13	Cole Information	

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

NEW GEORGES CREEK RD SW 2020

21005	KRISTEN MORAN
	ROBERT MORAN
21009	ROBERT MORAN
21010	CHRISTOPHER GUY
	MICHAEL GUY
	MICHELLE GUY
21011	ANDREW EDWARDS
	GREGORY EDWARDS
	LINDA EDWARDS
21014	EDIE RICE
	RITA MUELLER
21402	DOROTHY DERHAM
	DOROTHY STERLING
	RAYMOND STERLING
21406	MILBURN ZILER
21408	LOIS KELLER
21414	FAY FERGUSON
	KEVIN FERGUSON

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

WESTERNPORT RD SW 2020

3091	LINDSEY OWENS
3334	ANDREA CARDER
	MADISON CARDER
	MORIAH CARDER
3357	SANDRA WADE
3379	RUSSELL CARDER
3385	DOROTHY CARDER
	RAYMOND CARDER
	STEVEN WINEBRENNER
3834	FREDDIE TAYLOR
	JODI TAYLOR
4021	CHELSEA WASSELL
	COLTON WASSELL
	PAUL WASSELL
	SIERRA WASSELL
	STACY WASSELL
4035	PATRICIA WASSELL
4208	AMY WATSON
	ARLENE WATSON
	BLANCHE WATSON
	JOHN WATSON
	WESTERNPORT WATSON
21907	VINCENT FIORENTINO
22101	BRANDON HICKEY
	PATRICIA HICKEY
22111	SHIRLEY GUINN
22115	MICHAEL DIAZ
22201	ROBERT BOWSER
	SHIRLEY BOWSER
22301	CHRISTINA LIGHT
	MARK LIGHT
22305	DARRELL ALT
	GARY BROWN
	KARY BROWN
	KATHLEEN BROWN
	WAYNE GARY
22311	PATRICIA BIGGS
22315	CYNTHIA EVERLINE
	DAVID EVERLINE
	KRYSTLE EVERLINE
22415	ADRIENNE EVERLINE
	JOEY EVERLINE
	ROBIN EVERLINE
22425	CATHY MADERO
	DANIEL MADERO
	TRAVIS MADERO
22427	LONNETTA GARRIGAN
22502	CHRISTOPHER HYDE
	TABITHA HAGGERTY
22526	JEREMY WOLFORD

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

WESTERNPORT RD SW 2020 (Cont'd)

22526	ROBERT WOLFORD
22606	CRYSTAL BURDOCK
22612	GLEN KIMBLE
	STEVEN KIMBLE
22613	ANTHONY FRENZEL
	DONNA FRENZEL
	SANDRA FRENZEL
22715	DONNA LLEWELLYN
	GARY LLEWELLYN
	SCOTT LLEWELLYN
22804	MARK LYONS
	REBECCA BRANTNER
23119	JOHN DUCKWORTH
	JUDY DUCKWORTH
23308	JAMES REEVES
23508	BRIAN BENNETT
	KAYLA SHOEMAKER
	MEGAN SHOEMAKER
	SUSAN BENNETT
23509	BUTCH SHOEMAKER
	CLARENCE SHOEMAKER
	KEELY SHOEMAKER
23815	DAVID-DONALD-MA SUTHERLAND
24403	CLARA BENNETT
	GENE BENNETT
24405	GARY ANGLE
	KIMBERLY ANGLE
24407	HOWARD BITTNER
24607	DONNA MAYHEW

Target Street	Cross Street	Source
✓	-	Cole Information

NEW GEORGES CREEK RD SW 2017

21005	MORAN, KRISTEN A
21010	GUY, CHRIS J
21014	MUELLER, RITA J
21402	STERLING, RAYMOND J
21406	ZILLER, MILBURN W
21408	KELLER, EUGENE
21410	LEWIS, MARY K
21414	FERGUSON, KEVIN D

Target Street	Cross Street	Source
-	✓	Cole Information

WESTERNPORT RD SW 2017

4208	ARJ CONSTRUCTION CO
21811	SOUTHERN OHIO LUMBER
21907	NOVACARE
	VINCENT FIORENTINO DDS
22101	HICKEY, ROY O
22111	GUINN, SHIRELY A
22301	LIGHT, MARK G
22305	ALT, KARY D
22311	BIGGS, PATRICIA A
22315	EVERLINE, DAVID W
22415	EVERLINE, JOEY H
22425	MADERO, DANIEL
22427	GARRIGAN, LONNETTA L
22502	HYDE, CHRISTOPHER S
22526	WOLFORD, ROBERT T
22606	KELLEY, PATRICK L
22612	KIMBLE, LARRY L
22613	FRENZEL, ANTHONY R
22704	135 FUEL STOP LLC
22715	LLEWELLYN, SCOTT S
22804	BRANTNER, REBECCA J
23119	DUCKWORTH, JOHN T
23302	D M A S K FRANKLIN WAREHOUSE
23308	REEVES, JIM W
23508	SHOEMAKER, KAYLA B
23509	SHOEMAKER, CLARENCE D
23815	SUTHERLAND, DAVID A
24211	HARMONY BAPTIST CHURCH
24309	MORAN COAL CO
	MORAN GMC TRUCK SALES
	MORAN TRUCKING CO INC
24403	BENNETT, GENE L
24405	JONES, SARAI
24407	BITTNER, HOWARD A
24411	REEVES MOTOR CO
24503	REEVES DICKTOWING
24509	BUDGET TRUCK RENTAL
	JOHNSTONS GARAGE
24607	MAYHEW, DONNA L
24611	WESTERNPORT SALVAGE

Target Street	Cross Street	Source
✓	-	Cole Information

NEW GEORGES CREEK RD SW 2014

21005	MORAN, ROBERT E
21009	OCCUPANT UNKNOWN,
21010	GUY, CHRIS J
21012	OCCUPANT UNKNOWN,
21014	MUELLER, RITA J
21402	STERLING, RAYMOND J
21406	ZILLER, MILBURN W
21408	KELLER, EUGENE
21410	LEWIS, MARY K
21414	FERGUSON, KEVIN D

Target Street	Cross Street	Source
-	✓	Cole Information

WESTERNPORT RD SW 2014

3091	OWENS, LINDSEY L
3122	OCCUPANT UNKNOWN,
3334	ALEXANDER, MARIAH
	CARDER, JAMES R
3357	WADE, KENNETH D
3379	CARDER, RUSSELL J
3834	TAYLOR, JARON A
4021	WASSELL, PAUL E
4035	WASSELL, PATRICIA A
4208	ARJ CONSTRUCTION CO
	OCCUPANT UNKNOWN,
21811	SOUTHERN OHIO LUMBER
21907	FIORENTINO VINCENT DDS
	SELECT MEDICAL REHABILITATION SERVIC
22001	OCCUPANT UNKNOWN,
22013	BLIZZARD, BILL E
22101	HICKEY, ROY
22105	OCCUPANT UNKNOWN,
22111	GUINN, SHIRELY A
22115	DIAZ, MICHAEL L
22201	FLICK, VIRGINIA B
22301	LIGHT, MARK G
22305	BROWN, GARY W
22311	BIGGS, PATRICIA A
22315	EVERLINE, DAVID W
22415	EVERLINE, JOEY H
22425	OCCUPANT UNKNOWN,
22427	GARRIGAN, LONNETTA L
22502	HYDE, CHRISTOPHER S
22524	OCCUPANT UNKNOWN,
22526	WOLFORD, JEREMY W
22606	KELLEY, PATRICK L
22612	KIMBLE, LARRY L
22613	FRENZEL, ANTHONY R
22704	135 FUEL STOP LLC
22715	LLEWELLYN, SCOTT S
22802	AVERS, WALLACE L
22804	BARNETT, DONALD J
23119	DUCKWORTH, JOHN T
23302	D M A S K FRANKLIN WAREHOUSE
	OCCUPANT UNKNOWN,
23308	REEVES, JAMES W
23508	BENNETT, BRIAN K
23509	SHOEMAKER, CLARENCE D
23815	SUTHERLAND, DAVID A
24211	HARMONY BAPTIST CHURCH
24309	MORAN COAL CO
	MORAN GMC TRUCK SALES
	MORAN TRUCKING CO INC
24403	BENNETT, GENE L

Target Street	Cross Street	Source
-	✓	Cole Information

WESTERNPORT RD SW 2014 (Cont'd)

24405 BITTNER, AARON
24407 BITTNER, HOWARD A
24503 REEVES DICKTOWING GARAGE
24509 BUDGET TRUCK RENTAL
JOHNSTONS GARAGE
24607 MAYHEW, DONNA L
24611 WESTERNPORT SALVAGE

Target Street	Cross Street	Source
✓	-	Cole Information

NEW GEORGES CREEK RD SW 2010

21005	MORAN, ROBERT E
21010	GUY, CHRIS J
21011	HAHN, STUART M
21012	WILSON, JUANITA F
21014	MUELLER, RITA J
21402	STERLING, RAYMOND J
21406	ZILLER, MILBURN W
21408	KELLER, LOIS J
21410	LEWIS, ALBERT R
21414	FERGUSON, KEVIN D

Target Street	Cross Street	Source
-	✓	Cole Information

WESTERNPORT RD SW 2010

3091	OWENS, LINDSEY
3334	ALEXANDER, MARIAH
	WILSON, MADISON
3357	WADE, KENNETH D
3379	CARDER, RUSSELL J
4021	WASSELL, PAUL E
4035	WASSELL, JOHN W
4208	WATSON, THOMAS J
21817	PAR ELECTRICAL CONTRACTORS
21907	FIORENTINO VINCENT DDS
	REHAB SOLUTIONS
22001	ROBINETTE, LAVETTA P
22013	BLIZZARD, BILL E
22101	HICKEY, ROBERT E
22105	CRAMER, RICHARD
22111	GUINN, SHIRELY A
22201	FLICK, DARWIN L
22221	RONS SERVICE CTR
	UHAUL CO
22301	LIGHT, MARK
22305	BROWN, DANIEL S
22311	BIGGS, PATRICIA A
22315	EVERLINE, DAVID W
22415	EVERLINE, JOEY H
22425	BOWERS, MABLE W
22502	HAGGERTY, HOWARD W
22526	WOLFORD, ROBERT T
22606	KELLEY, PATRICK L
22613	FRENZEL, ANTHONY R
22715	LIPSCOMB, RODNEY A
	LLEWELLYN, SCOTT S
22802	AVERS, WALLACE L
22804	BARNETT, DONALD J
23119	DUCKWORTH, JOHN T
23302	FRANKLIN LOGISTICS
23306	REEVES, JIM W
23308	REEVES, JAMES W
23509	SHOEMAKER, CLARENCE D
23815	SUTHERLAND, DAVID A
24211	HARMONY BAPTIST CHURCH
24403	BENNETT, GENE L
24405	ANGLE, GARY W
24407	BITTNER, HOWARD A
24509	JOHNSTONS GARAGE
24607	MAYHEW, GENE
24611	DICK REEVES TOWING
	REEVES, DICK

Target Street	Cross Street	Source
✓	-	Cole Information

NEW GEORGES CREEK RD SW 2005

21005	MORAN, ROBERT E
21010	GUY, CHRIS J
21011	HAHN, STUART M
21014	ARTHUR, RADIE
21402	STERLING, RAYMOND J
21408	KELLER, LOIS J
21410	LEWIS, ALBERT R
21414	FERGUSON, KEVIN D

Target Street	Cross Street	Source
-	✓	Cole Information

WESTERNPORT RD SW 2005

3091	GROVE, LEONA G
3122	MAGRUDER, WILLIAM E
3334	CARDER, JAMES R
3357	WADE, KENNETH D
3379	CARDER, RUSSELL J
4021	WASSELL, PAUL E
4035	WASSELL, JOHN W
4208	WATSON, THOMAS J
21811	MOTION INDUSTRIES INC
21817	SOMERSET STEEL ERECTION CO
21907	REHAB SOLUTIONS INC
22001	ROBINETTE, CARL L
22013	BLIZZARD, BILL E
22105	CRAMER, RICHARD
22111	TICHNELL, GILBERT G
22201	FLICK, DARWIN L
22221	RONS SERVICE CENTER
22301	STAGGS, RUTH E
22305	CARPENTER, MILDRED R
22311	BIGGS, PATRICIA A
22315	EVERLINE, DAVID W
22415	EVERLINE, JOEY H
22425	BOWERS, MABLE W
22526	WOLFORD, ROBERT T
22606	BURDOCK, TIMOTHY C
22612	KIMBLE, GLEN T
22613	SHAWVER, SAM R
22715	DUCKWORTH, JOHN T
23302	DMASK FRANKLIN & CARTAGE
23306	REEVES, JIM W
23308	REEVES, JAMES W
23508	BENNETT, BRIAN
23509	SHOEMAKER, CLARENCE D
23815	SUTHERLAND, DAVID A
24211	M & T BANK
24403	BENNETT, GENE L
24405	ANGLE, GARY W
24407	BITTNER, HOWARD A
24411	REEVES MOTOR CO INC
24505	WALKERS EXXON
24509	JOHNSTONS GARAGE
24607	MAYHEW, GENE
24611	REEVES, DICK

Target Street	Cross Street	Source
-	✓	Cole Information

WESTERNPORT RD SW 2000

3379	CARDER, RUSSELL
4021	WASSELL, PAUL E
21817	BRASHEAR JEFFREY L
	BRASHEAR, JEFFREY L
21907	FIORENTINO VINCENT DDS
	REHAB SOLUTIONS
22001	ROBINETTE, CARL L
22013	BLIZZARD, CARL M
22101	VOELKER, DANIEL R
22107	PACKIES TRASH SERVICE
22111	TICHNELL, GILBERT G
22115	DIAZ, MICHAEL L
22201	FLICK, DARWIN
22305	CARPENTER, RICHARD
22311	BIGGS, RALPH W
22315	EVERLINE, DAVID
22405	ANGLE, GARY W
22415	EVERLINE, JOEY H
22427	HOTT, DORIS H
22524	BRAY, BETTY N
22526	WOLFORD, ROBERT T
22704	MORAN, MICHAEL T
22715	LLEWELLYN, SCOTT
22804	AVERS, L L
23119	DUCKWORTH, JOHN T
23302	BROWN & ROOT ENVIRONMENTAL
23306	REEVES, JIM W
23308	REEVES, JAMES
23508	NICE, M
23509	SHOEMAKER, BUTCH
23815	SUTHERLAND, WILLIAM A
24221	FARLEYS SHOP N SAVE
	SAVE A LOT
24309	MORAN COAL COMPANY
	MORAN TRUCKING COMPANY INCORPORATED
24403	BENNETT, GENE L
24405	ANGLE, WILLIAM
24501	BEACHY, L
24505	EXXON SERVICE STATION
	LUKE EXXON
24509	JOHNSTONSS GARAGE
24607	MAYHEW, H G
24611	MONTGOMERY AUTOMOTIVE
	REEVES DICK TOWING GARAGE

Allegany County
Reduce • Reuse • Recycle

SOLID WASTE MANAGEMENT PLAN

Revised 2/2011 for the

2011-2021 Planning Period

ALLEGANY COUNTY
SOLID WASTE MANAGEMENT PLAN
2011-2021 PLANNING PERIOD

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Appendix A: Contracts
- Contract between Allegany County and Mountainview Landfill Inc. (Formerly Chambers, Inc.) 11/16/1987
- Contract between Allegany County and Mountainview Landfill Inc. 12/18/2008
- Contract between Allegany County and Penn-Mar Recycling 1/14/2010

Appendix B: Summary of applicable state and federal regulations

Appendix C: Bibliography

Appendix D: Solid Waste Management Board Bylaws (rev. 12/10/09)

Appendix E: State of Maryland Litter Control Law

Appendix F: Local municipal ordinances related to solid waste
- City of Cumberland, MD
- City of Frostburg, MD

Note that these ordinances were current at the time of publication and are provided for information only. For current ordinance information, contact the municipality directly.

Appendix G: Allegany County Reuse Directory, rev. 2/24/2010

Appendix H: Proposed Solid Waste Hauler Licensing Program

Resolution No. 11-9

WHEREAS, the County Commissioners of Allegany County, Maryland, are required by Act of Legislature of the State of Maryland to prepare and update a Solid Waste Management Plan in accordance with Title 9, Subtitle 5, of the Environment Article of the Annotated Code of Maryland; and

WHEREAS, the County Commissioners of Allegany County did previously cause an update of the Solid Waste Management Plan to be prepared and subjected to public hearing and subsequently adopted by appropriate action of the County Commissioners of Allegany County on April 23rd, 2004; and

WHEREAS, the County Commissioners of Allegany County desire to revise and update said Solid Waste Management Plan; and

WHEREAS, the County Commissioners of Allegany County did in accordance with the prescribed procedures advertise and hold a public hearing to revise said Plan on September 23rd, 2010.

NOW, THEREFORE, BE IT RESOLVED AND ORDAINED that the County Commissioners of Allegany County in accordance with the requirements of Title 9, Subtitle 5, Environment Article of the Annotated Code of Maryland, by proper motion and second in public meeting on March 24th, 2011 do hereby adopt the 2011 Revision of the Solid Waste Management Plan and direct that copies of this Resolution and copies of the 2011 Revision of the Solid Waste Management Plan be made a part of the minutes of their regular meeting on March 24th, 2011.

ADOPTED by the County Commissioners of Allegany County, Maryland on March 24th, 2011.

COUNTY COMMISSIONERS OF ALLEGANY COUNTY, MD

Michael W. McKay, President

Creade V. Brodie, Commissioner

William R. Valentine, Commissioner

ATTEST:

Cathy Blank, Clerk

Insert Maryland Department of the Environment approval here.

ALLEGANY COUNTY SOLID WASTE MANAGEMENT PLAN

FOREWORD

On December 19, 1996, the Board of Commissioners of Allegany County, Maryland established the Allegany County Solid Waste Management Board to serve as an advisory body on matters pertaining to solid waste disposal and recycling, and to prepare updates of the County's Solid Waste Management Plan. As currently constituted, the Solid Waste Management Board members and their designated alternates are listed at the end of this Foreword.

The Solid Waste Management Board participated in preparation of the 2000, 2004, and 2010 Updates as part of the Board's regular monthly meetings. The 2010 Revision was prepared by the County Department of Public Works and reviewed by the Board. Subsequently, the Board approved a draft report for submission to the County Commissioners.

The Plan update continues to follow the MDE guidelines per "Title 26, Maryland Department of the Environment, Subtitle 03, Water Supply, Sewerage, Solid Waste and Pollution Control Planning and Funding – Chapter 03, Development of County Comprehensive Solid Waste Management Plans." Environment Article: Title 9, Subtitle 5, Annotated Code of Maryland.

A synopsis of key issues as presented to the County Commissioners follows:

A. Items not changed:

1. Reduce, Reuse, Recycle/Compost and Landfill hierarchy in waste disposal
2. Acknowledgement that a properly sited and permitted Land Clearing Landfill and/or Solid Waste Transfer Station, be it privately- or publicly-owned, is not inconsistent with the County's Solid Waste Management Plan.

B. Items Added or Changed

1. Recommend expansion of Mountainview landfill when the current active cell is completed (estimated 2016) over the construction of a new landfill or solid waste transfer station as discussed in Analysis of Future Solid Waste Disposal Options, prepared by ACDPW in October 2007. This resulted in Allegany County entering into a 20 year contract with Mountainview landfill for the period 2013-2033.
2. The goal of 25% recycling by the Year 2000 was met in 2002. Allegany County is currently recycling approximately 30% of waste.

C. Key Recommendations

1. The $0.50 per bag fee for use of the residential refuse disposal sites should be increased as it offsets only about 33% of the $412k current (FY 2009) annual cost to provide this service.
2. A consolidation of recycling collection sites should be considered to collect a more comprehensive suite of materials at each site, better secure sites to minimize contamination and theft, and maximize availability and participation.

3. Allegany County should establish a satellite composting site for yard waste at Mountainview landfill.

4. In the absence of state grant funding, Allegany County should sponsor annual or biennial fee-based citizen scrap tire collections.

5. As waste is currently being exported from the County for out-of-County disposal, the County Commissioners should pass local legislation requiring that a recycling fee be collected on all non-recycled, disposal bound waste generated in Allegany County regardless of the location of the facility in which it is ultimately disposed.

6. Beginning in 2013, the per ton "host fee" that Allegany County will collect on out of county waste landfilled in Mountainview landfill should be applied to the County's recycling program.

7. The County should implement a licensing procedure with minimum qualifications for collectors/haulers of commercial and municipal solid waste and recyclables in Allegany County.

8. The County Zoning Ordinance and building permit process should be revised to address the following issues:

    a. Requirement that the building permit application process for all new commercial, industrial, institutional and multi-family development require the applicant to complete a Construction Site Waste Management Statement to identify the proposed waste collection location, both during and after construction, and any recycling facilities and/or recycling activities planned for the development.

b. Requirement that all new commercial and industrial development include for the proper allowance and storage of wastes and recyclables to preclude same from becoming a contaminant or nuisance.

I would like to commend the committee members for their dedication, effectiveness and cooperation in preparing this Update. Their voluntary work was thorough and professional. I would also acknowledge the participation and assistance of Allegany County Recycling Coordinator Terry A. Bennett**.**

Respectfully submitted,

Agnes Yount, Chair
Allegany County Solid Waste
Management Board

ALLEGANY COUNTY
SOLID WASTE MANAGMENET BOARD MEMBERSHIP
(February 2011)

REPRESENTING	MEMBER	ALTERNATE
Allegany County Board of Education	Wally High	Larry Lancaster
Allegany County Government	Brian McCormick	
Allegany County Health Department	Brian Dicken	Julie Kennell
Chamber of Commerce	Mark Widmyer	
City of Cumberland	Raquel Ketterman	John Chapman
City of Frostburg	Tina Llewellyn	
Citizen Advocate Group (2yr term)	Larry Crossland	Sam Thrasher
Citizen at Large (2yr term)	Agnes Yount	Debbie Weisenmiller
Citizen at Large (2yr term)	Alma Brown	Ron Hawk
Environmental Group (2yr term)	Woody Getz	
Environmental Technical (2yr term)	Roy Weitzell	William Landesman
Institutional (2yr term)	Robert Boyce	Lawrence Gingerich
Solid Waste Hauler / Recycler (2yr term)	Brian Howell	Chris Howell
Waste Industry (2yr term)	Rick Miller	John Wardzinski
Construction Industry (2yr term)	Lynette Huff	

CHAPTER I

GOAL AND OBJECTIVES

ALLEGANY COUNTY
SOLID WASTE MANAGEMENT PLAN
CHAPTER I

(1) GOAL AND OBJECTIVES

The overall goal in the development of Allegany County's comprehensive Solid Waste Management Plan continues to be to provide a system of resource recovery and solid waste disposal which will handle the County's current and anticipated future volume of solid waste as economically as possible while ensuring that public health, safety and environment quality are protected. The County's plan acknowledges that a valid contract exists between Allegany County and Mountainview Landfill, Inc. of Frostburg, Maryland, a wholly owned subsidiary of Waste Management, Inc., Houston, Texas (see Appendix A) for construction and operation of a landfill for a period of twenty years commencing with the permitting and initial acceptance of waste on February 3, 1992. The contract provides Mountainview Landfill, Inc. (formerly Chambers of Maryland, Inc.) up to 125,000 tons per year of acceptable capacity and we expect that this agreement will meet Allegany County's needs through the life of the contract, which will expire February 1st, 2013. The County has entered a second agreement with Mountainview Landfill, Inc. for the period from February 1st, 2013 to February 1st, 2033 to provide for the continued proper disposal of nonhazardous waste at the landfill site. The maximum landfilling of municipal and special wastes in this County will be as follows:

Calendar years 2013-2017	135,000 tons/yr
Calendar years 2018-2022	145,000 tons/yr
Calendar years 2023-2027	155,000 tons/yr
Calendar years 2028-2032	165,000 tons/yr
Partial year 2033 (Jan 1-Feb 1)	13,750 tons

We expect that this agreement will meet Allegany County's needs through the life of the contract which expires February 1st, 2033.

In implementing this plan, the following objectives are to be pursued:

(a) Ensure that all solid waste will be processed by such means as will effectively protect the quality of the ambient air, groundwater and surface water resources and to minimize the possibility of pollution from the handling and disposal of solid waste.

(b) Accommodate existing and anticipated future residential, industrial and commercial development in the County.

(c) Address issues related to the handling and disposal of special and hazardous wastes including, but not limited to household hazardous wastes, scrap tires, used oil and filters, anti-freeze, junk vehicles, batteries, e-waste (electronics), construction materials, medical wastes, agricultural chemicals and toxics.

(d) Under the Reduce, Reuse, Recycle, Compost and Landfill hierarchy, the County should maximize the recovery and utilization of both material and energy resources contained in the solid waste stream. The State's mandated goal of 15% recycling has been achieved and Allegany County's 25% goal has also been reached. Where economically feasible, the County should adopt, in cooperation with municipalities and local solid waste hauling and recycling contractors, a recycling program geared toward maintaining and improving on the 25% goal. Federal, state and local government agencies, including educational facilities, as well as business and industry should be a part of any recycling program.

(e) Establish educational programs intended to foster implementation of the Solid Waste Management Plan, particularly as it relates to the solid waste hierarchy of Reduce, Reuse, Recycle, Compost and Landfill.

(f) Effectively serve existing and future land uses within the County and promote implementation of sound land use planning concepts and zoning practices.

(g) Encourage qualified area contractors to provide solid waste management services incorporating variable rate pricing and provision(s) of recycling services.

(h) Establish target dates for major solid waste decisions, including the opening and closing of future solid waste handling and disposal facilities.

(i) Investigate the feasibility of single stream collection of recyclables and curbside collection including consideration of economics, participation, and quality of collected materials.

(j) Continue to foster discussion with surrounding jurisdictions regarding solid waste management.

(k) Establish a second compost site for the collection and

processing of yard waste in the western region of the County if constructing, permitting, and operating such a site is economically feasible.

(l) Target construction and demolition waste for recycling to better support the LEED building process.

POLICIES FOR IMPLEMENTATION

The fiscal and environmental concerns of solid waste disposal by means of landfilling necessitates an aggressive County program to reduce, reuse, recycle and compost as much of the County waste stream as economically feasible.

(2) COUNTY GOVERNMENT STRUCTURE

See Table I-1

(3) FEDERAL, STATE AND LOCAL CONTROLS

The legal controls for solid waste were established as an act of Congress which resulted in the Resource Conservation and Recovery Act of 1976 (RCRA). RCRA requires that responsibilities for solid waste management be clearly delineated and calls upon the EPA to monitor state management of landfills.

Subtitle D of RCRA is the Federal law which defines the requirements for the management of non-hazardous solid waste and recycling. On October 9, 1991, EPA Subtitle D Criteria regarding Federal regulations for Municipal Solid Waste Landfills (MSWLFs) became effective. These regulations, among other things, established requirements for composite liner systems in MSWLFs, increased requirements for groundwater monitoring and defined the requirements for financial assurance for landfill owners and operators for the closure and post-closure site maintenance and monitoring of MSWLF sites.

A summary of Federal and State laws and regulations affecting solid waste management is included in Appendix B.

The State of Maryland has agencies that are involved in a wide range of activities relating to solid waste. The Department of the Environment is the State's principal regulatory agency with respect to solid waste management and the State's lead agency for implementation of RCRA.

Title 9, Subtitle 5, of the Environment Article of the

Annotated Code of Maryland requires that each county adopt and submit to the Department of the Environment for approval, a solid waste management plan which covers a minimum 10-year planning period. This plan is to be reviewed, updated if necessary, and adopted by the governing body of the County on a triennial basis after public hearing of proposed revisions.

As a Code Home Rule County, Allegany County's Board of Commissioners is empowered to adopt local ordinances regulating solid waste and protecting the public health and safety. Among those actions which the County should continue are:

(a) The County should utilize the Solid Waste Management Board to advise the County Commissioners on the planning, coordination, operation and control of all solid waste management activities in Allegany County.

(b) Hours for accepting waste at municipal waste landfills in Allegany County should be limited to 7:00 a.m. to 5:00 p.m., Monday through Friday and 7:00 a.m. to 2:00 p.m. on Saturdays, except that in the event of a County emergency necessitating access to or operation of the landfill, hours may be extended only so long as that emergency persists. If the hours for acceptance of waste are extended, within 24 hours the landfill operator shall provide to Allegany County and to the Maryland Department of the Environment written notification specifying the hours the landfill was open beyond the permitted waste acceptance hours and the nature of the emergency justifying the extended waste acceptance hours.

(c) Truck parking on public roadways providing access to solid waste handling or disposal facilities should be prohibited during those hours when the facility is not in operation.

(d) The disposal of yard waste at any County landfill should be prohibited, unless there is no alternate disposal available in the County.

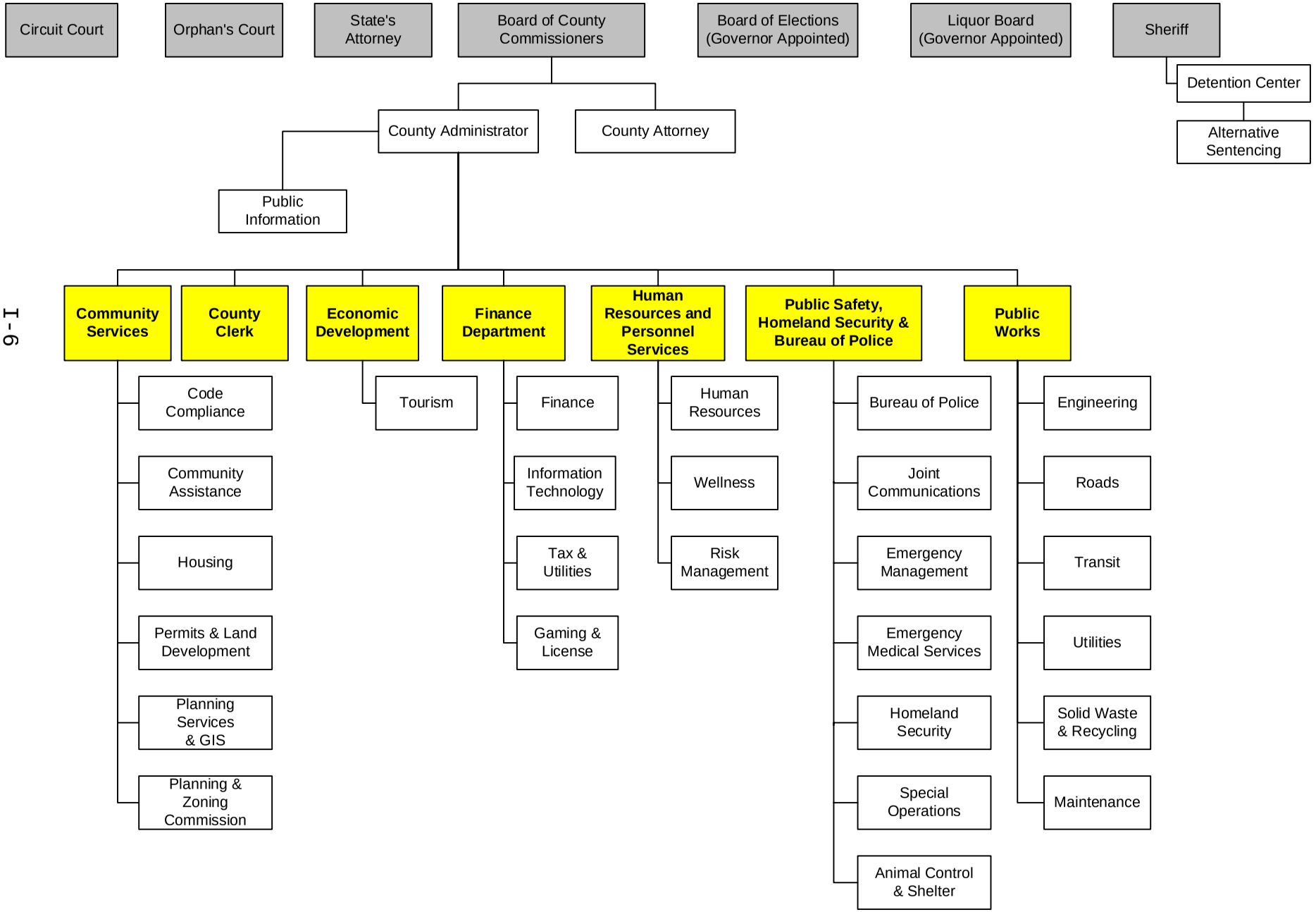
APPENDIX

List of contact persons responsible for solid waste management in neighboring jurisdictions.

Garrett County, Maryland	F. Gary Mullich(301) 334-1928 Director of General Services Old Courthouse; Room 105 313 E. Alder Street Oakland, MD 21550
Washington County, Maryland	Cliff Engle (240) 313-2790 Deputy Director of Solid Waste 12630 Earth Care Road Hagerstown, MD 21740
West Virginia Region 8	Jeff Slack (304) 257-2644 Director of Solid Waste (Region 8) P.O. Box 116 Petersburg, WV 26847
Bedford County, Pennsylvania	Regina Miller(814)623-8099 Recycling Coordinator 702 West Pitt Street Suite 3 & 4 Bedford, PA 15522 Jeff Kloss (814) 623-4827 Planning Director 203 South Juliana Street Bedford, PA 15522
Somerset County, Pennsylvania	John Peters (814) 445-1544 Recycling/Solid Waste Coordinator 300 North Center Avenue Suite 540 Somerset, PA 15501

Allegany County, Maryland

Organization Chart 2009



CHAPTER II

COUNTY PLANNING DATA AND REGULATIONS

ALLEGANY COUNTY
SOLID WASTE MANAGEMENT PLAN
CHAPTER II

(1) POPULATION DATA AND PROJECTIONS

Allegany County Population is forecast to remain relatively constant throughout the planning period and into the future (Table II-1). Data for years 2000 and 2010 are taken from US Census data and interpolated to 2008 for consistency with the 2008 waste generation data used in this plan.

Beginning in 2007, the County initiated a watershed-based planning process which is further discussed in section 4. This new initiative resulted in the modification of planning geography within the County. The location and boundaries of the nine (9) (Watershed-based) Planning Regions are displayed in Figure II-2. Table II-2 begins with 2000 and forecasts County population totals for each of the nine (9) (Watershed-based) Planning Regions through 2040 in five-year increments.

(2) LOCATION OF MUNICIPALITIES AND FEDERAL FACILITIES

Figure II-3 identifies the location of all municipalities within Allegany County, as well as the two principal Federal facilities. (This map does not include small Federal entities such as post offices, etc.)

(3) ALLEGANY COUNTY ZONING REQUIREMENTS

(a) This plan shall not be used to create or enforce local land use and zoning requirements.

(b) The current Allegany County Zoning Ordinance was revised to reflect the information contained in the 2002 Comprehensive Plan Update. This Code was adopted by the County Commissioners on November 25, 2002. Since that time, there have been no significant amendments or revisions to the County Zoning Code. A major update is currently underway and is tentatively scheduled for adoption in 2011. No alterations to existing provisions relating to Solid Waste Management Activities are anticipated or expected.

(c) Solid Waste Management Activities are identified as institutional uses in the current County Zoning Code, and are permitted in all districts, except the "R"-Residential District. Site Plan Review is required. Landfill location is subject to Board of Appeals approval except when located in the "I"-Industrial District. Existing County Zoning Districts include: Urban Districts (“R” – Residential, “B-1” – Neighborhood Business, “B-2” – Major Business, “I” – Industrial, “G-1” – General Residential, and “G-2” – General Urban); and Nonurban Districts (“A” – Agriculture and Forestry, and “C” – Conservation). The Zoning Code that is currently under development will incorporate a similar structure, although nomenclature and labels are likely to change. In all likelihood, Solid Waste Management Activities will continue to be a permitted use in all districts except residential districts.

(4) ALLEGANY COUNTY LAND USE PLAN

(a) The Allegany County Comprehensive Land Use Plan was originally adopted in 1965. In accordance with State regulations, an updated land use plan was included as a segment of the County’s 2002 Comprehensive Plan Update. That plan includes segments on Land Use, Housing, Transportation and Community Facilities. The plan refers to the County Master Plan for Solid Waste and relies on this document to present detailed information pertaining to the provision of solid waste services.

(b) The Allegany County Office of Comprehensive Planning is currently in the process of developing twelve individual, small-area plans based upon watershed alignments. These twelve plans will serve, collectively, as the County’s Comprehensive Plan. Initiated in late 2007, this watershed planning initiative will ultimately see 12 regional plans developed and implemented over the next 3-4 years. Collectively, these 12 regional plans will comprise the Allegany County Comprehensive Plan.

This approach will incorporate greater detail and more individualized analyses, allowing staff and the

Planning Commission to more fully address the unique aspects of various regions of the County. The watershed approach will facilitate the integration of several interagency processes, thus promoting effectiveness and efficiency. This, coupled with the utilization of cutting-edge mapping, graphics and analytical techniques will help the County to proactively deal with water resources-related issues such as: water supply, wastewater treatment, conveyance, capacities, water quality, clarity, flooding, sedimentation, and Stormwater, as well as other planning and land use considerations.

Finally, in recognition of the critical role of public involvement, these small-area plans will foster a sense of “neighborhood planning”. This will promote a greater volume of stakeholder dialogue and more diverse viewpoints. Since 2007, staff and the Planning Commission have hosted thirteen public meetings. The attendance and degree of stakeholder involvement has been gratifying and clearly shows that the regional planning approach has stimulated public participation and enhanced citizen support.

Each regional plan will consist of 12 Elements. These Elements include: Housing, Economic Development, Land Use (which is comprised of “Existing Land Use” and “Future Land Use”), Transportation, Public Facilities, Mineral Resources, Recreation, Cultural Resources, Water Resources, Agriculture, Forestry & Natural Resources, Sensitive Areas Protection, and Implementation.

The first of the 12 comprehensive plans (the LaVale Region Plan) has been Approved and Adopted, and is currently in the Implementation Phase. The current County plan development strategy involves moving outward from the areas covered by the LaVale Region Plan: specifically, the Winchester-Warrior Run Planning Region, the Middle North Branch Planning Area, the Bowling Green-Potomac Park Planning Area, and the Upper Potomac Planning Region (to the south) and the Braddock Headwaters Planning Area, and the George’s Creek Planning Region (to the west). All of these Plans are currently under development and are nearing completion.

The draft George's Creek Plan was recently accepted by the Planning Commission and is tentatively scheduled for adoption in December 2010. The draft Winchester-Warrior Run, the draft Middle North Branch, and the draft Bowling Green-Potomac Park Plans are under review and are slated for Planning Commission acceptance in October/November 2010; County Commissioner adoption is expected in early 2011. The Wills Creek Region and the Jennings Region Plans were initiated in the Spring of 2009 are at the approximate mid-point of their development. The planning process for the Evitts Planning Region commenced in the Spring of 2010 and kick-off meetings were held in June 2010 for the last two remaining areas: the Flintstone-Oldtown Planning Region and the Eastern Planning Region. The entire process will be complete in mid-2012.

(c) Table II-3 displays existing land use data as of 2010. No significant changes have occurred since that time.

Table II-1: County Population Forecast

YEAR	TOTAL POPULATION	ABSOLUTE CHANGE	PERCENT CHANGE
2000	**74,930**		
2008	**75,055**		
2010	**75,087**	**157**	**0.21%**
2015	**76,445**	**1,358**	**1.81%**
2020	**77,447**	**1,002**	**1.31%**
2025	**78,028**	**581**	**0.75%**
2030	**77,849**	**-179**	**-0.23%**
2035	**77,948**	**99**	**0.13%**
2040	**77,586**	**-362**	**-0.46%**

***(2000-2010)**

Table II-2: Population Forecast by Region

	2000	2008	2010	2015	2020	2025	2030	2035	2040
Georges Creek	16,216	16,218	16,220	15,456	15,416	15,486	15,346	15,326	15,190
Braddock	6,253	6,259	6,262	6,327	6,411	6,502	6,466	6,482	6,476
Upper Potomac	5,759	5,794	5,802	5,401	5,960	6,400	6,451	6,518	6,510
Middle Potomac	9,334	9,351	9,355	11,761	11,943	12,065	12,218	12,305	12,230
Jennings	4,388	4,398	4,400	5,184	5,174	5,155	5,119	5,105	5,068
Wills	8,446	8,460	8,462	7,136	7,110	7,045	6,989	6,953	6,888
Evitts	17,407	17,437	17,442	17,754	17,637	17,436	17,198	17,071	16,872
Flintstone-Oldtown	5,793	5,801	5,804	5,719	5,762	5,752	5,765	5,780	5,835
Eastern	1,334	1,337	1,340	1,707	2,034	2,187	2,297	2,408	2,517
TOTAL:	74,930	75,055	75,087	76,445	77,447	78,028	77,849	77,948	77,586

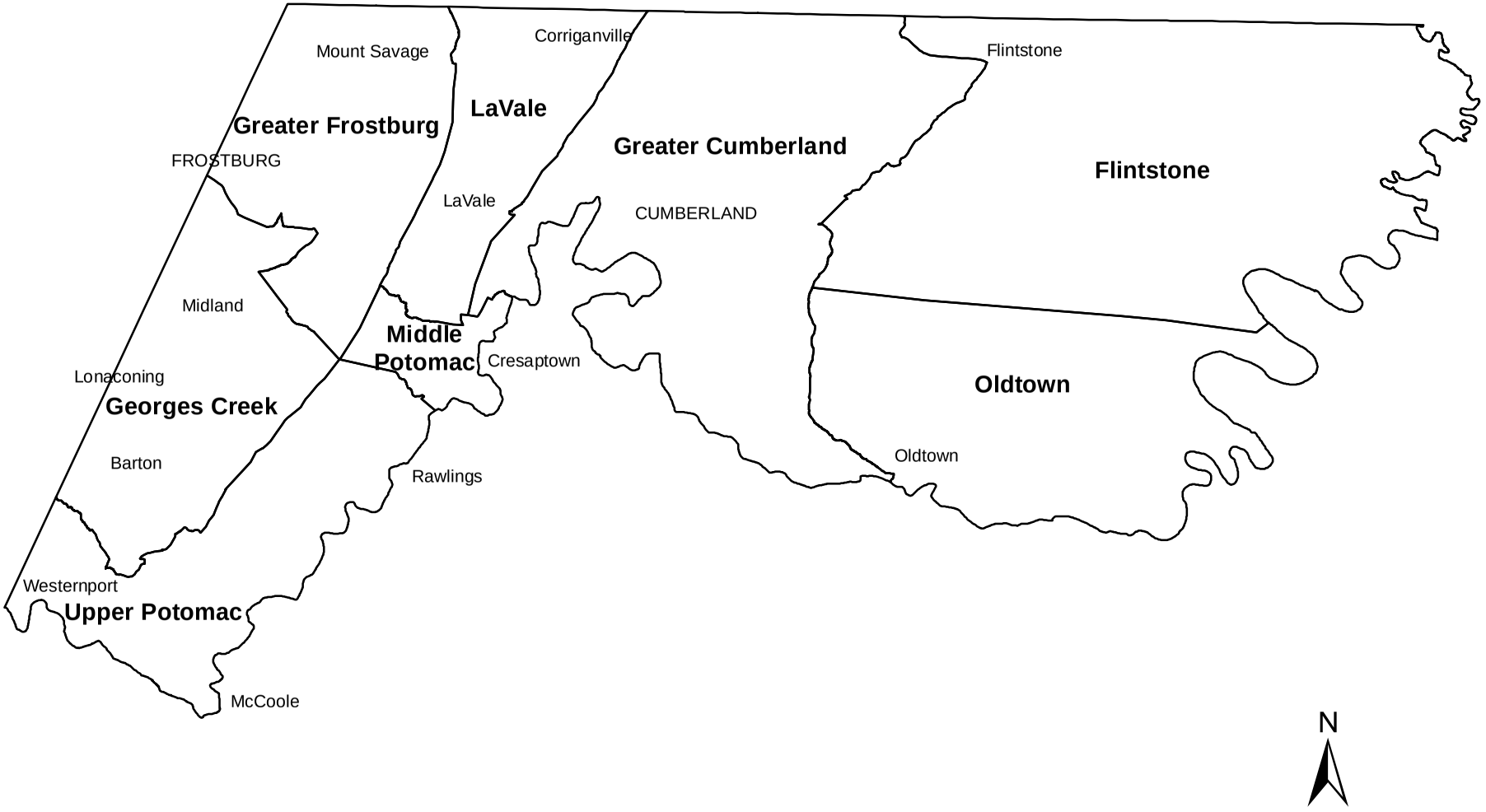
At the time of publication, the only 2010 census data available was the county total population. 2000 and 2010 census data were interpolated to estimate 2008 population. 2010 population by region is estimated.

Table II-3: Existing Land Use

Land Use Category	Georges Creek Acres	Braddock Acres	Upper Potomac Acres	Middle Potomac Acres	Jennings Acres	Wills Acres	Evitts Acres	Flintstone-Oldtown Acres	Eastern Acres
Open Urban Land	288	24	313	72	106	104	416	58	69
Residential	3996	2865	2517	1810	1772	1710	4080	6746	3142
Industrial	197	507	146	110	43	127	267	256	0
Rights-of-Way	1309	760	588	668	244	412	1948	2566	4945
Commercial	177	310	153	209	27	115	258	18	12
Office/Professional	19	19	7	18	2	10	47	0	0
Institutional	354	234	80	476	70	225	3149	681	2
Agriculture	3901	430	2860	466	3383	755	4392	18177	6847
Forest	20203	6373	19063	2108	9394	8177	7677	49837	47731
Extractive/Mining	4317	0	218	0	330	370	0	0	0
Total	34761	11522	25945	5937	15371	12005	22234	78339	62748

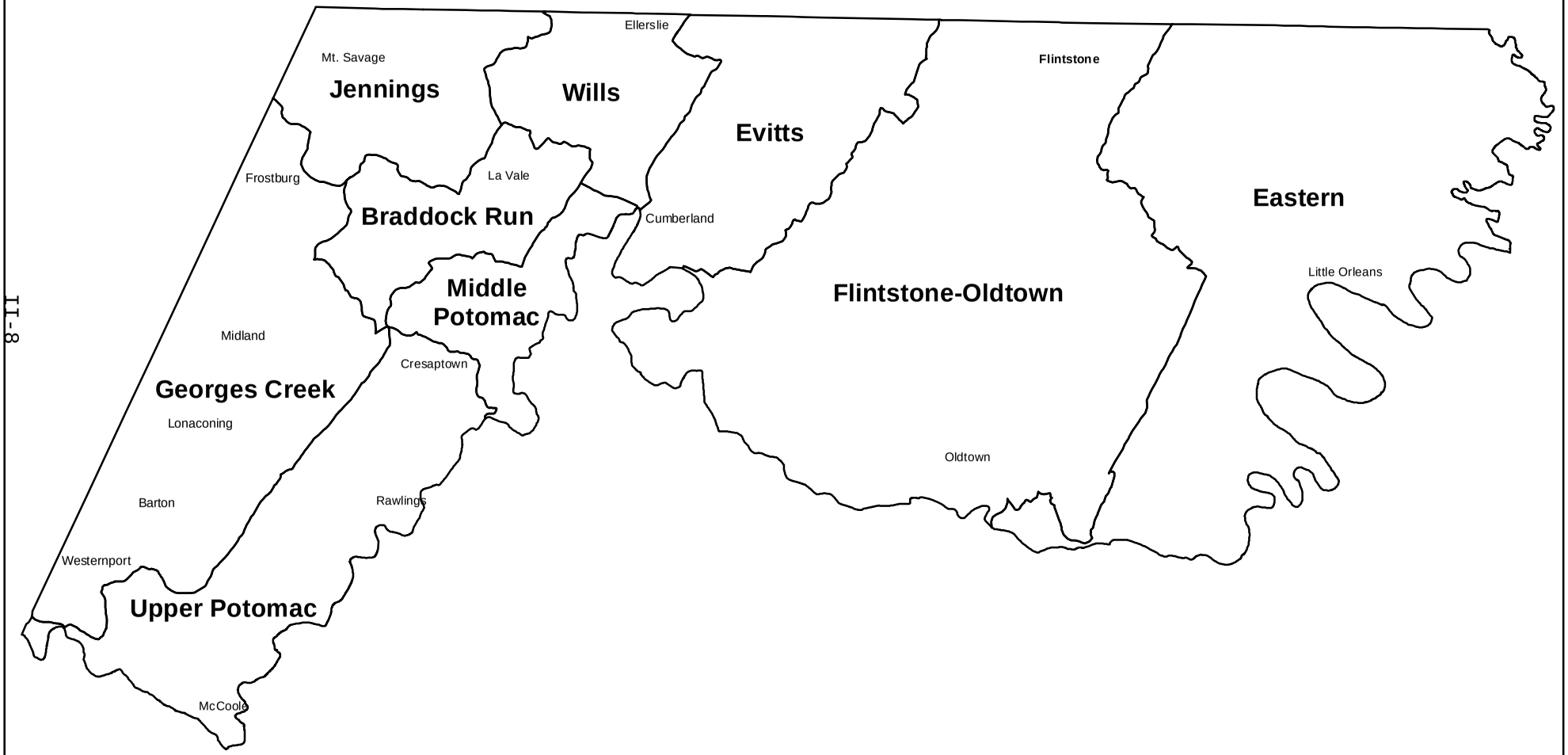
Land Use Category	Georges Creek	Braddock	Upper Potomac	Middle Potomac	Jennings	Wills	Evitts	Flintstone-Oldtown	Eastern
Open Urban Land	1%	0%	1%	1%	1%	1%	2%	0%	0%
Residential	11%	25%	10%	30%	12%	14%	18%	9%	5%
Industrial	1%	4%	1%	2%	0%	1%	1%	0%	0%
Rights-of-Way	4%	7%	2%	11%	2%	3%	9%	3%	8%
Commercial	1%	3%	1%	4%	0%	1%	1%	0%	0%
Office/Professional	0%	0%	0%	0%	0%	0%	0%	0%	0%
Institutional	1%	2%	0%	8%	0%	2%	14%	1%	0%
Agriculture	11%	4%	11%	8%	22%	6%	20%	23%	11%
Forest	58%	55%	73%	36%	61%	68%	35%	64%	76%
Extractive/Mining	12%	0%	1%	0%	2%	3%	0%	0%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Figure: II-I
Sub-Regions of Allegany County



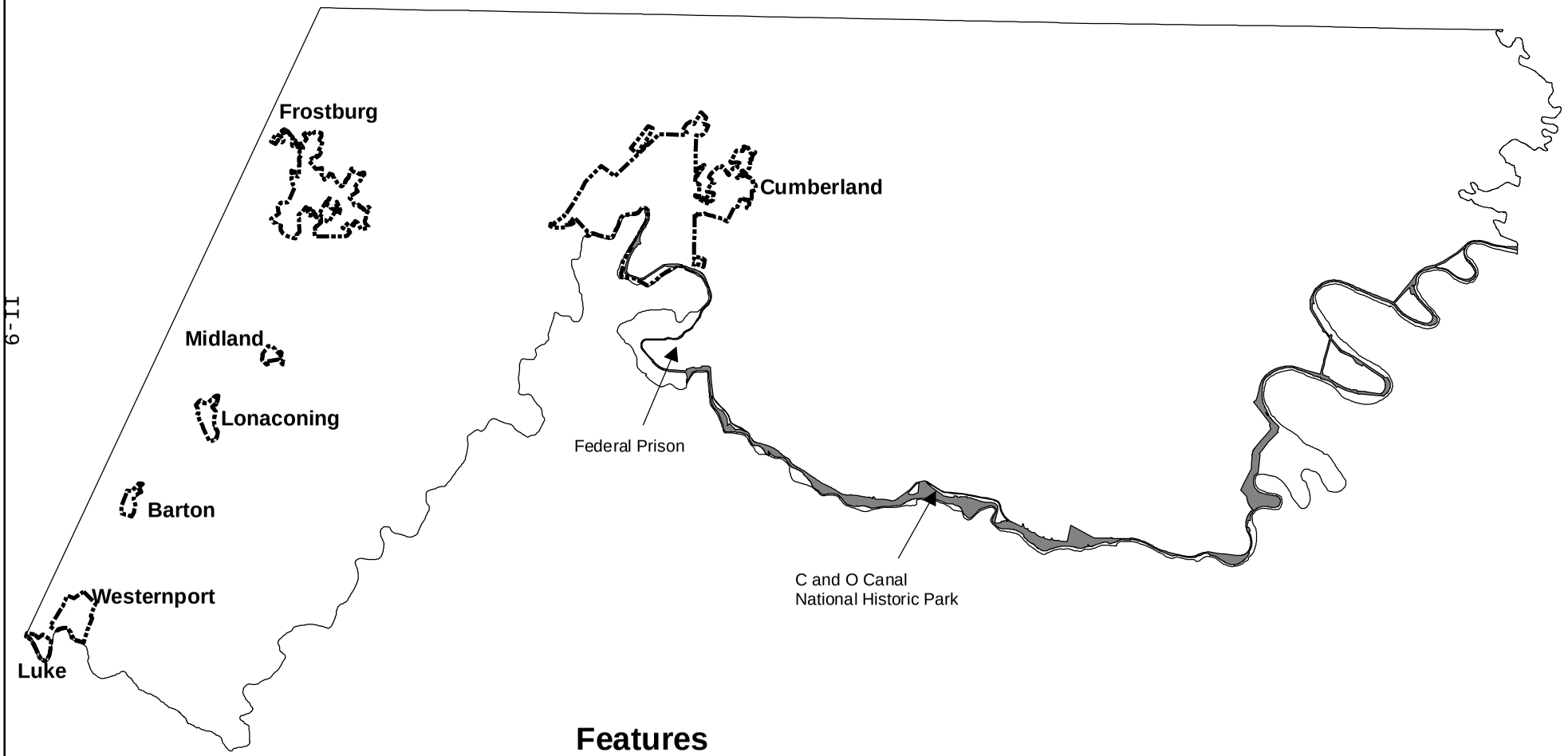
Prepared by Allegany County Office of Comprehensive Planning

Figure II-2: Allegany County Planning Regions



Prepared by Allegany County Office of Comprehensive Planning

Figure II-3. Allegany County: Municipalities and Federal Facilities



Prepared by Allegany County Office of Comprehensive Planning

CHAPTER III

EXISTING SOLID WASTE STREAM AND FACILITIES

ALLEGANY COUNTY
SOLID WASTE MANAGEMENT PLAN
CHAPTER III

(1) EXISTING AND PROJECTED SOLID WASTE STREAM

Allegany County has historically, but unofficially, served as a regional solid waste disposal area. Since the 1960's, the County's solid waste disposal facilities have served not only Allegany County but also nearby areas and communities in Garrett County, Maryland, Pennsylvania and West Virginia. Current and projected annual waste generation for Allegany County is shown in table III-1.

The projected volume of solid waste to be generated in Allegany County over the next 5- and 10-year planning periods is also shown on Table III-1. The following factors will have an effect on the actual quantity of solid waste generated or disposed in the County and its environs:

(a) anticipated stabilization and modest growth of a previously declining population

(b) the growing impact of the County's recycling efforts in reducing solid waste disposal volume

(c) the growth of State penal facilities located in the County

The volume of solid waste ultimately disposed of in Allegany County will be primarily dictated by the terms of the agreement between the County and Mountainview Landfill, Inc. (formerly Chambers Development Company). Under that agreement, Mountainview Landfill, Inc., a subsidiary of Waste Management, Inc., operates a privately-owned sanitary landfill to dispose Allegany County solid waste and may supplement that volume with out-of-County wastes up to a combined limit of 125,000 tons per year through 2013. Mountainview Landfill received a permit from the Maryland Department of Environment and opened in February, 1992. That permit was renewed for a five-year period in April 2006. Mountainview Landfill, Inc. plans to supplement waste volumes up to the 125,000 tons per year limit. Beyond 2013, Mountainview Landfill Inc. plans to supplement waste volumes up to the limits specified in the agreement with Allegany County (Appendix A and summarized in chapter 1).

(2) BASIS FOR DATA

Current quantities (2008 calendar year) of solid waste generated in Allegany County have been determined from multiple sources of data including: tickets and annual tonnage reports for waste customers using the Mountainview Landfill, annual MRA reporting, and information provided by the MDE.

Table III-1

Allegany County Waste Stream

			Actual			Projected		
			2008			2010	2015	2020
Waste Generated								
a		Residential Waste	67,465			34000	34000	34000
	i	Mosteller (Includes Residential, Commercial, Institutional)		18,174				
	ii	Mountainview (Includes Residential, Commercial, Institutional)		45,666				
	iii	MSW collection sites (residential only)		3,625				
b		Commercial Waste (7)	Inc in (a, i-ii)			34000	34000	34000
c		Industrial (non-hazardous) Waste	22			500	500	500
d		Institutional Waste (7)	Inc in (a, i-ii)			Inc in (b)	Inc in (b)	Inc in (b)
e		Land Clearing / Demolition	14177			14000	14000	14000
f		Controlled Hazardous substances (4)	45			100	100	100
g		Dead Animals	1			1	1	1
h		Bulky or Special Wastes (7)	Inc in (a, i-ii)			Inc Above	Inc Above	Inc Above
i		Vehicle Tires (3)	88			100	100	100
j		Wastewater plant sludges (6)	2734			4000	4000	4000
k		septage (5)	2400			2500	2500	2500
l		other waste (6)	379			500	500	500
Subtotal			87,311			89701	89701	89701
Waste Disposed								
Materials Generated within Allegany County and Ultimately Landfilled								
		Within County (1)	66604					
		Out of County (2)	18174					
		Subtotal	84778					
Materials (hazardous and medical waste) generated in Allegany County and disposed of out of county								
		Hazardous materials (Reported value 2008, Ameriwaste)	34					
		Medical Waste (Stericycle)	11					
		Tires (Scrap tire collection day)	88					
		Septage (to local WWTPs)	2400					
		Subtotal	2533					
Total			87311					
Material Recycled								
Materials generated in Allegany County and Ultimately Recycled								
		MRA (8)	25122			26000	28000	30000
		Non-MRA (8)	485498			500000	500000	500000

1) Includes MRA and NonMRA wastes, from MDE total of County waste landfilled at Mountainview Landfill
2) from MDE total of Allegany County waste disposed of at out of state facilities
3) from tire amnesty day totals
4) from MDE 2008 total of Alegany County material to Ameriwaste
5) Estimated from Septage Management Plan (580,000 gal/yr, SG=1.0)
6) From Mountainview Landfill's annual report to MDE
7) Not seperately tracked - included in (a) above, from historical data, approximately 50% residential, 50% Commercial and Institutional
8) From 2008 MRA totals provided by MDE

(3) SOLID WASTE ENTERING AND LEAVING ALLEGANY COUNTY

(a) Solid Waste Entering Allegany County

Because of the regional nature of its solid waste facilities, Allegany County has historically been subject to an inflow of solid waste from outside its borders. Historically, the most significant sources of waste entering the County come from the following contributors:

(a) Town of Ridgeley, West Virginia

(b) Town of Piedmont, West Virginia

(c) ATK (formerly Allegany Ballistics Laboratory)
Rocket Center, West Virginia

(d) Romney, WV

Mountainview Landfill accepts non-hazardous municipal solid waste and construction demolition from areas outside Allegany County. Under an agreement with the County, the volume of out-of-County waste allowed to be accepted is the difference between the County waste stream and the annual cap as detailed in the agreement between Allegany County and Mountainview Landfill, Inc. (Appendix A and summarized in chapter 1).

Reported quantities of solid waste entering the County are:

Calendar Year	Waste Entering Allegany County (tons)
1998	48,506
1999	50,551
2000	47,293
2001	42,460
2002	50,998
2003	88,400
2004	46,210
2005	35,881
2006	55,948
2007	55,689
2008	50,291
2009	41,465 (provisional data)

(b) Solid Waste Leaving Allegany County

Historically, minimal quantities of municipal solid waste are believed to be disposed of outside of Allegany County. It is felt that undefined quantities of rubble may be leaving the County for disposal in Pennsylvania or West Virginia in lieu of paying for disposal at Mountainview Landfill.

Beginning in 2007, a major waste hauler in the county, Howell Trucking, began hauling waste to Mostoller Landfill in Somerset County, PA and was acquired by Interstate Waste Services (Owner of Mostoller

Landfill) in 2009. Howell Trucking is now Western Maryland Waste Services, a subsidiary of Interstate Waste Services.

Reported quantities of MSW leaving the county for disposal are:

Calendar Year	Waste Leaving Allegany County (tons)
2007	10,750
2008	18,174
2009	20,000-30,000 (estimated)

Non-MRA (Maryland Recycling Act) solid wastes currently leaving Allegany County include the following items and estimated quantities:

Recycled scrap metal (Cu, Al, Brass & Misc. Ferrous)	Quantity Unknown
Flyash (Westvaco private fill)	60,000 tons/year
Scrap Tires (to cement kilns)	156 tons/year (2008)
Wastewater sludge (Westvaco)	30,000 tons/year
Household hazardous waste	2-3 tons/year*
Water treatment residuals (Cumberland)	500 tons/year
Sewage Sludge (Cumberland)	2,500 tons/year

*Based on HHW Collection Day Results

Quantities generated from recycling activities, except compost, also currently leave the County. Tonnages in recent years of the County program are:

Calendar Year	**Total MRA Recyclables (tons)**	**Compost (tons)**	**MRA Recyclables Leaving County (tons)**
1998	11,042	2,510	8,532
1999	10,815	2,320	8,495
2000	15,289	2,731	12,558
2001	15,874	2,828	13,046
2002	19,343	2,300	17,043
2003	20,578	5,658	14,920
2004	21,268	2,267	19,001
2005	22,469	2,618	19,851
2006	24,686	3,197	21,489
2007	23,620	2,784	20,836
2008	25,122	2,600	22,522
2009			

(4) EXISTING SOLID WASTE COLLECTION SYSTEMS

There is no County-provided solid waste curbside collection system in Allegany County. The following is a list of the methods of solid waste collection employed throughout the County and its environs.

Type of Collection	Area Served
Municipal (self-served)	Frostburg, Luke
Municipal (commercial contract)	Cumberland, Barton, Westernport
State Facilities (self-served)	Frostburg State University, Rocky Gap State Park
Subscription Service	Lonaconing, Midland, All others

Although Allegany County does not regulate or license solid waste haulers, the following is a list of the larger commercial solid waste collection firms, known to be operating in Allegany County as of the publication date of this plan:

Western Maryland Waste Systems, LLC
United Disposal Service
Reese's Sanitation
J&D Hauling

(5) EXISTING SOLID WASTE ACCEPTANCE FACILITIES

Allegany County solid waste is currently accepted at three refuse disposal sites and one private landfill. In addition, there are five sites for disposal of used motor oil. The County has contracted for the placement and hauling of recycling drop boxes from sixteen sites and has established a yard material composting site.

(a) Mountainview Landfill

On February 8, 1991, the Chambers Development Company was granted a permit for construction of a commercial 39.9 acre sanitary landfill located along Maryland Route 36 approximately two miles south of Frostburg. Said permit (No. 90-01-04-08A) was valid for a five year period.

The Mountainview Landfill opened for operation on February 3, 1992. It is a fully-privatized, commercial operation. In April 2001, Mountainview Landfill, Inc. (formerly Chambers Development Company) was issued a five-year renewal permit for the landfill. Mountainview Landfill, Inc. is responsible for landfill planning, design, construction, operation, closure and post-closure monitoring.

Details on the Mountainview Landfill are as follows:

Maryland Grid Coordinates:	N 654,000, E 261,000
Size:	39.9 acres permitted (500 acre tract)
Solid Waste Accepted:	Non-hazardous solid waste
Ownership:	Mountainview Landfill, Inc. (wholly owned subsidiary of Waste Management, Inc.)
Permit Status:	Permit No. 2006-WMF-0010 Issued 3/2006

Capacity used in 2008 (3.4%)
Capacity used to date (69.9% as of 12/31/2008)
Anticipated Years of Service Life: 6 years (until January 2016)

As part of the December 2008 agreement between Mountainview Landfill and Allegany County (Appendix A), Mountainview agrees to make its best efforts to engineer, permit and construct an expanded landfill adjacent to the current landfill. This will provide waste disposal capacity under the agreement after space in the current landfill is exhausted.

Annual Landfill Total Tonnages (Mountainview Landfill)
See (4), (5), (6) above

Calendar Year	Waste Landfilled at Mountainview Landfill (tons)
1998	130,854
1999	127,127
2000	126,089
2001	116,429
2002	122,722
2003	166,767
2004	125,983
2005	112,915
2006	132,584
2007	120,686
2008	107,363
2009	88,058(provisional data)

TIPPING FEES

Historical tipping fees at Mountainview Landfill are:

Fiscal Year	County MSW ($/ton)[1]	County CD ($/ton)[1]	Out of County MSW ($/ton)	Out of County CD ($/ton)	Scrap Tires (car/truck, $ each)
1993	31.00	51.00	42.00	55.00	-
1994	31.90	51.00	42.00	55.00	-
1995	32.83	51.00	42.00	55.00	2.00/5.00
1996	34.10	51.00	42.00	55.00	2.00/5.00
1997	35.10	51.00	42.00	55.00	2.00/5.00
1998	36.10	51.00	42.00	55.00	2.00/5.00
1999	37.10	51.00	42.00	55.00	2.00/5.00
2000	37.60	51.50	42.00	55.00	2.00/5.00
2001	38.60	51.50	42.00	55.00	2.00/5.00
2002	39.50	51.50	42.00	55.00	2.00/5.00
2003	40.00 (2)	51.50	42.00	55.00	2.00/5.00
2004	40.00 (2)	51.50	42.00	55.00	2.00/5.00
2005	41.00 (2)	52.50	43.00	56.00	2.00/5.00
2006	41.00 (2)	52.50	43.00	56.00	3.00/6.00
2007	42.00 (2)	53.50	44.00	57.00	3.00/6.00
2008	43.00 (2)	54.50	45.00	58.00	3.00/6.00
2009	44.29 (2)	56.13	46.35	59.74	6.00/10.00
2010					(3)

Note: Minimum Charge per category is $27.18

(1) Includes a $1.00 per ton recycling fee surcharge collected for Allegany County from 1992 to 1999 and a $1.50 per ton recycling fee beginning in FY 2000.
(2) An additional fuel surcharge has been assessed beginning August 2003.
(3) As of March 2010, scrap tires are no longer accepted at the Mountainview landfill. Scrap tires may be disposed of at various local businesses for a nominal cost. More information may be found in section 6(e) of this chapter.
(4) As of the date of this publication, an environmental fee of ~4% is added to the tipping fee.

Prior to February, 1998, Allegany County residents could dispose three bags of trash "free of charge" at the Mountainview Landfill and at three other refuse disposal sites. In February 1998, the County enacted a $0.25 per trash bag or can fee. That fee was raised to $0.50 per trash bag or can in May 2002. The County pays for the hauling and tipping fee costs for disposal of this waste. The current $0.50 tag fee offsets about 34% of the $428,000 (FY 2010) budget for this service.

(b) Refuse Disposal Sites

Currently, Allegany County maintains four Refuse Disposal sites where the public may dispose small quantities of household solid waste for a fee. These sites are dispersed across the County as shown on the attached Figure III-1.

The County either leases the ground or has agreement to use the sites. The sites, which are attended, are serviced by a contract hauler on an as-needed basis. Site locations and number of days per week of operation are as follows: Flintstone(4), Oldtown(4), Little Orleans(2), and Mountainview Landfill (6).

Refuse Disposal Sites are located as listed below:

Oldtown - 18622 Lower Town Creek Road,
Oldtown, MD 21555,
0.6 miles north of Maryland Route 51

Flintstone - 26706 National Pike,
Flintstone, MD 21530,
1.0 miles west of Fifteen Mile Creek Road

Little Orleans - 11306 Orleans Road South,
Little Orleans, MD 21766,
County Roads Garage on Orleans Road

Mountainview Landfill - 13300 New Georges Creek Road,
Frostburg, MD 21532

(c) Rubble Fill (CLOSED)

In conjunction with construction of a new State prison (Western Correctional Institute) on U.S. Route 220 at the former Celanese plant site, Allegany County has developed the Amcelle Rubble Landfill on a former fly ash lagoon adjacent to the prison site.

Two separate disposal cells were planned; one for use by the State for disposal of buildings demolished for the prison and one for general use by Allegany County. The State cell has been filled and has the final cover in-place. A synthetic cap is planned to be installed in 2010. The County cell will not be used, in part, due to the Maryland Department of the Environment's regulations which require liners and third party checkers for active and future rubble landfills. It is felt these regulations make the use of the cell prohibitively expensive. In July 2001, the landfill property was transferred from the County to the State of Maryland.

Details on the Amcelle Rubble Landfill are as follows:

Maryland Grid Coordinates:	N 648,500, E 289,000
Size:	6.3 acres
Permitted Solid Waste:	Non-hazardous land clearing and

	demolition/construction debris, household appliances and properly packaged asbestos waste
Ownership:	State of Maryland (for the Department of Public Safety and Correctional Services)
Permit Status:	Permit No. 1993-WRF-0206-0 Issued: (expired July 1, 2001)

Closure Status: Groundwater monitoring system installed in 1995. Groundwater sampling occurs semi-annually and methane gas testing occurs quarterly. As of September 2010, a permanent cap was under construction for this site.

Capacity used in 2009 (0%)
Capacity used to date (45% as of 12/31/2009)
Anticipated Years of Service Life: None

(d) Septage Disposal

In November, 1991, a committee established by the County Commissioners developed a Septage Management Plan for Allegany County. That plan, which is incorporated into this Solid Waste Management Plan by reference, includes the following data and information.

1. Total septage collected and disposed is estimated at 580,000 gallons per year (1,600 gpd).

2. Until March 2000, ninety-five percent of the commercially collected septage in Allegany County was disposed at the Upper Potomac River Commission (UPRC) Wastewater Treatment Plant in Westernport. The remainder was disposed out-of-County either via treatment plants or land application. In March 2000, the UPRC facility stopped accepting septage. In April 2002, following completion of an upgrade project, a septage receiving station reopened at the UPRC facility.

3. The National Park Service operates a wood chip and septage research compost site near Orleans, Maryland for 15,000-18,000 gallons of septage per year collected from its facilities along the C & O Canal.

4. Disposal of grease is a problem since no sewage treatment plants will accept it. Additionally, land application has proven troublesome and commercial haulers, such as rendering plants, will only service larger grease collection facilities.

The Septage Management Plan is to receive annual review and updating by the Allegany County Health Department.

(e) Solid Waste Disposed in Other Than County Facilities

There are several identified solid waste materials that are disposed by governmental jurisdictions in locations in Allegany County other than the County landfill.

The City of Cumberland recently entered a contract with New England Fertilizer Company to operate a sludge drying facility at the Cumberland Wastewater Treatment Plant. This facility will produce a dry pelletized fertilizer product from the biosolids generated at the plant which is then marketed for land application.

The City of Frostburg operates a coal ash disposal site for its citizens at its City maintenance facility.

(f) Inactive Solid Waste Disposal Sites

There are several inactive solid waste disposal sites in the County. A brief discussion of the larger or more notable sites follows:

1. Vale Summit (Cabin Run) Landfill **(CLOSED)**

As shown on Figure III-1, the Vale Summit Landfill was located approximately two miles south of Frostburg along Cabin Run Road. The County had maintained a landfill in this immediate vicinity since 1971.

Until 1992 the County held a permit for the landfill, but neither owned the site nor operated the landfill, which was a former and active strip mine. The Vale Summit landfill stopped accepting wastes on February 3, 1992.

Details on the Vale Summit Landfill as of its closing are as follows:

Maryland Grid Coordinates:	N 657,000, E 258,000
Size:	16 acres
Solid Waste Accepted:	Non-hazardous, non-rubble
Ownership:	Allegany Coal and Land Co.
Permit Status:	Prior permits SLF-81-01-18-07A CO-89-SWE-035
Anticipated Years of Service Life:	None-closed
Closure Status:	Final synthetic cap installed in 1994; expanded groundwater monitoring system installed in 1997 Groundwater sampling occurs semiannually and methane gas sampling occurs quarterly.

2. Westernport (Moran) Landfill **(CLOSED)**

As shown on Figure III-1, the Westernport Landfill was located approximately 1.8 miles northwest of Westernport in Garrett County, Maryland. The County has maintained a landfill in this immediate vicinity since 1970.

Until 1992, the County held a permit for this landfill, but neither owned the site nor operated the landfill which was a former strip mine. The Westernport Landfill stopped accepting waste on or about February 3,

1992. Groundwater monitoring wells were installed in 1997 and a sampling program is in progress. In spring 2004, construction of a synthetic cap for the landfill was completed.

Details on the Westernport Landfill, as of its closing, are as follows:

Maryland Grid Coordinates:	N 614,000, E 214,000
Size:	11 acres
Solid Waste Accepted:	Municipal and Industrial (Westvaco)
Ownership:	Moran Coal Company, Inc.
Permit Status:	Prior permit 83-11-04-06A
Anticipated Years of Service Life:	None-Closed
Closure Status:	Final cover installed in 1994; groundwater monitoring system installed in 1997. Synthetic cap installed in 2003. Groundwater sampling occurs semiannually and methane gas sampling occurs quarterly.

3. Other Inactive Sites **(CLOSED)**

The Hoechst-Celanese Corporation is owner and responsible party for an existing solid waste dump site on the premises of the former Celanese plant along U.S. Route 220 near Cresaptown. That firm is currently working with the Maryland Department of the Environment to remediate some groundwater pollution traced to the dump site. The remedial action involves pumping the groundwater, pre-treating and discharging the effluent into the County's Celanese Wastewater Treatment Plant for final treatment and discharge. Construction of that system was completed in January 1996.

The old City of Cumberland dump is located on Limestone Road south of the City. This site, which is now under private ownership, has had remedial work done to cover and seed an area used for dumping fly ash. The dump has been closed since 1968.

Adjacent to the old City dump on Limestone Road is an illegal dump where hazardous materials were reportedly hauled and disposed. The Environmental Protection Agency has listed this as a Superfund Site and performed extensive survey and testing work to determine the nature of any contamination emanating from the dump. Legal action has been taken against the hauler. Remedial plans called for capping the dump and providing a public water supply to area residents. The cap was installed and the water system was completed in 2000.

From 1971 to 1992, Allegany County operated sanitary landfills at three separate locations in the Frostburg area other than the site on Cabin Run Road. Those sites, which are located in the Frostburg Industrial Park (Hoffman Landfill), the south side of Cabin Run Road (Cabin Run Road Landfill) and north side of Cabin Run Road (Vale Summit II), are all inactive, closed landfills.

(6) EXISTING RECYCLING COLLECTION FACILITIES

In July 2001, following a competitive proposal process, Allegany County entered into a three year contract with Penn Mar Recycling to operate the Allegany County Recycling Center at 201 Riverside Avenue in Cumberland, MD. This building is owned by Allegany County and leased to a recycler. This contract has been renewed for three (3) additional three (3) year terms. At this location, the following recyclables are collected and processed for shipping.

(1) aluminum and steel cans
(2) old newspaper
(3) magazines
(4) clear, brown and green glass
(5) corrugated cardboard and paperboard
(6) office paper
(7) white goods
(8) used motor oil and antifreeze
(9) #1 and #2 plastics

The County Recycling Center is the most comprehensive of the County's recycling collection facilities. Other facilities and activities include:

(a) Used Motor Oil Recycling Drop-Off Sites

There are numerous waste oil recycling drop-off sites available for public use in Allegany County. These sites are monitored by various public entities and the oil is collected via a contract established by the State of Maryland. Sites currently in use include:

Site Name	Location
Allegany County Recycling Center	201 Riverside Avenue, Cumberland, MD 21502
Flintstone Refuse Disposal Site	26706 National Pike Flintstone, MD 21530
Oldtown Refuse Disposal Site	18622 Lower Town Creek Road Oldtown, MD 21555
Frostburg State University	University Maintenance Center on Loop Road
Mountainview Landfill	13300 New Georges Creek Road Frostburg, MD 21532

(b) Recycling Material Drop-Off Sites

In 1991, Allegany County leased fourteen (14) recycling drop boxes to collect aluminum and bi-metal cans, glass and newsprint. The program has expanded to include the collection of magazines and office paper. One box is used as a spare for switching and repair. This lease was renewed

in July 2008 for an additional three years. The County has purchased sixteen (16) additional recycling boxes. Twenty five (25) boxes are located at sixteen (16) public drop-off sites throughout the County to encourage recycling in all areas of the County. Five (5) boxes are located at public middle schools for office paper recycling. The sites are serviced by a contract hauler on an as-needed basis.

Because the location and relocation of the boxes is a dynamic situation, the current locations are not listed in this plan. The County's Recycling Office provides the publicity necessary for public awareness of the recycling box locations.

The County owns four trailers for collecting flattened cardboard and six trailers for the collecting #1 and #2 plastic bottles and jugs. The trailers are stationed at the Mountainview Landfill and Penn-Mar Recycling and LaVale Plaza. These trailers are hauled by County staff to the recycling center when full. These trailers can be moved around as demand requires. The County has also established an office paper recycling program for State offices, County offices and various small businesses at the recycling center and a collection bin is located at the Mountainview Landfill. There are four permanent locations for the collection of magazines. The County also conducts an annual telephone book recycling program with prizes for school/student participation.

(c) Yard Material Compost Site

In April 1991, Allegany County established a low-technology yard material composting site. The site was located along U.S. Route 220 approximately three miles south of I-68 near Cresaptown on ground owned by the State of Maryland Western Correctional Institute.

Expansion of the WCI forced the County to relocate the composting site. The site is now on County-owned property located at 11700 PPG Road, Cumberland, MD, as shown on Figure III-1.

In addition to the leaves, trimmings, grass and brush which are collected and delivered by contract haulers from their service area, there is a public drop-off area for such materials at the site. Raw compost is available free to the public. The County also provides for Christmas tree collection and mulching.

Given the success of the program, the possible placement of a satellite compost site at Mountainview Landfill near Frostburg is being considered.

Composting also offers a non-burn alternative for material recovery. It is hoped that composting both at the compost site and in residential back yards will reduce the County Health Department's need to issue over 3,000 permits per year for residents to burn brush.

Additionally, the compost created at the site is either given free of charge to County residents or sold to Grant County Mulch (of Grant County, West Virginia) where it is further processed and sold for public consumption.

(d) White Goods

County residents may recycle white goods (including goods containing Freon) at the County Recycling Center in Cumberland or at a private scrap metal collection facility (Allegany Scrap) located within the county. The County contracts for hauling between the county recycling center and a recycler. During 2008, approximately 326 tons of white goods were recycled in Allegany County.

(e) Scrap Tire Collections

In 1998 & 1999, the City of Cumberland and Allegany County participated in separate programs to collect and dispose of scrap tires. The City's program consisted of curbside collection of scrap tires while the County's program was a one-day drop-off. The estimated weight of the collection events are as follows:

Year	City of Cumberland scrap tires (tons)	Allegany County scrap tires (tons)	Total scrap tires (tons)
1998	98	177	275
1999	41	71	112
2000		25	25
2001		-	-
2002		103	103
2003		-	-
2004		72	72
2005		-	-
2006		110	110
2007		-	-
2008		88	88
2009		50	50
		Total	835

As of the April 2010, the following local businesses accept scrap tires for disposal.

Business	Per tire fee (passenger vehicle only)	Phone	Notes
Mr. Tire LaVale, MD	$3.00	301-729-2500	Call ahead regarding max quantity accepted
G&G Tire LaVale, MD	$3.00	301-729-0752	Call ahead regarding max quantity accepted
Smitty's Tires	$3.00	301-463-2665	No limit

(f) E-cycling

Since 2002, the County conducted e-cycling events where residents could bring televisions, computers, printers and other electronic appliances for recycling for a modest fee. The tonnages collected at these events are as follows:

Year	E-cycled materials (tons)	Number of Collection Events
2002	17.61	2
2003	7.12	2
2004	14.67	2
2005	29.41	1
2006	8.78	4
2007	53.38	12
2008	39.02	6
2009	14.22	2
2010	48.78	2
Total	232.99	

Allegany County established an electronics recycling program in 2002. Allegany County's program accepts computers and monitors, televisions, printers, and similar devices from residents and businesses at special collection events held annually in Frostburg and Cumberland. These materials are transported to an electronics recycler at the conclusion of the event. This service is provided at nominal cost by Allegany County.

The electronics recycling contractor for Allegany County manages the materials they collect by demanufacturing into component parts and marketing plastic, steel, wire, and circuit boards as commodities. CRTs are recycled by an ISO certified glass to glass company. Historic collection amounts by Allegany County are shown in the table above. Allegany County intends to continue collection events at minimum once annually contingent on available funding.

In 2011, our electronics recycling contractor gained the capability to collect and process fluorescent and compact fluorescent bulbs. Bulbs will be collected from residents at electronics collection events and processed (most likely by crushing in a controlled environment to capture mercury, i.e. "Bulb Eater").

(7) HOUSEHOLD HAZARDOUS WASTE COLLECTION DAYS

To date, the County has sponsored nine Household Hazardous Waste Collection Days. On designated Saturdays in 1994-1996, 1998, 2000 and 2002, 2004, 2006, and 2008 residents were permitted to bring household hazardous waste (HHW) along with fluorescent light tubes, expired medicines and dry cell batteries for reuse or recycling.

The household hazardous waste was handled and disposed by Laidlaw, Inc. (1994 and 1995) and Care Environmental Corporation (1996 through 2006), and MXI Environmental Services in 2008. The following quantities of HHW were received:

Year	Household Hazardous Waste Collected (lbs)
1994	19,500
1995	5,500
1996	8,000
1998	6,600
2000	7,930
2002	10,300
2004	9,800
2006	9,040
2008	10,650

The next Household Hazardous Waste Day was scheduled for Fall 2010 however due to lack of available grant funding, did not occur. Household Hazardous Waste Collections will continue when funding is once again available.

Allegany County
Solid Waste Disposal Facilities

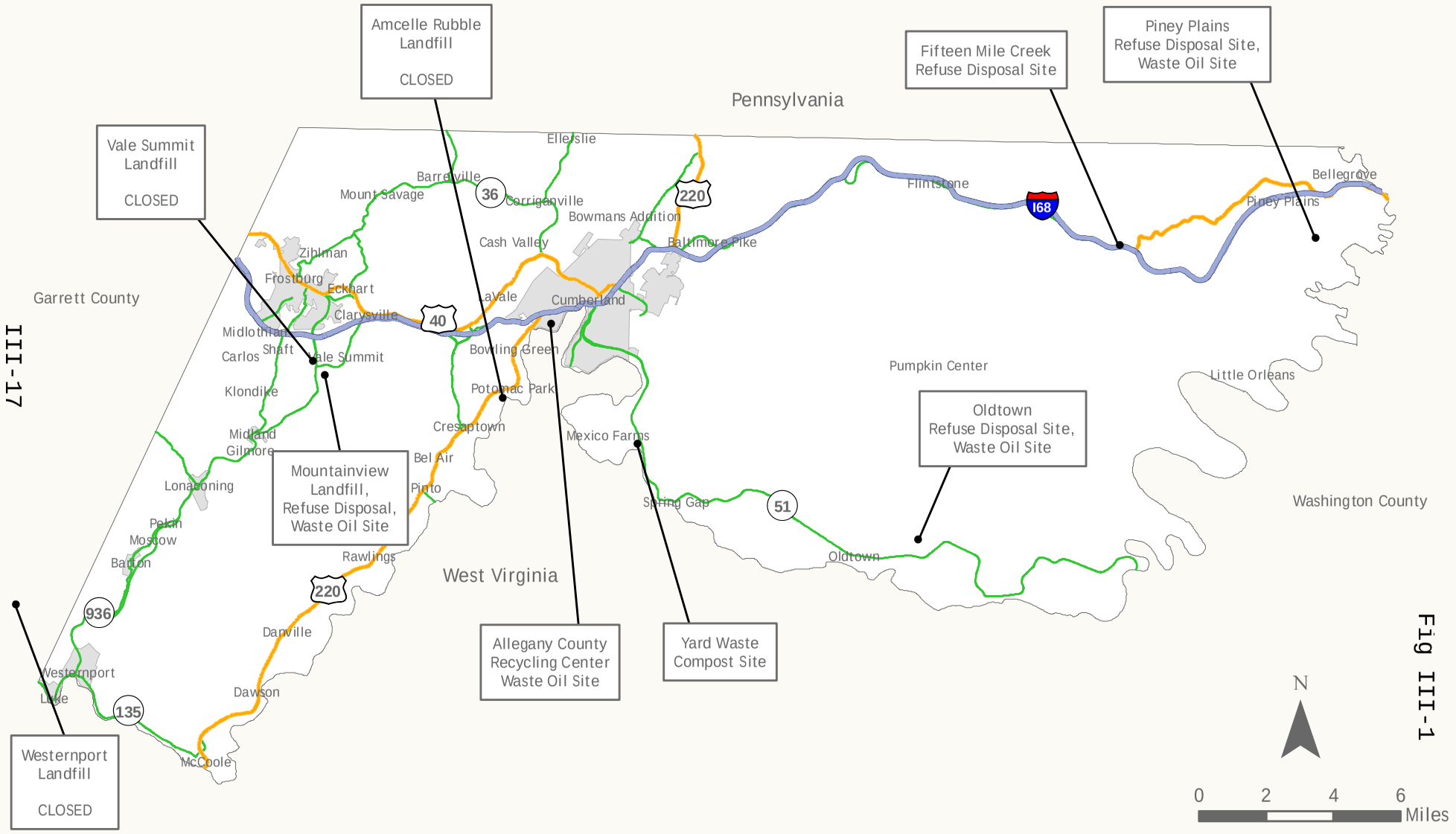


Fig III-1

Recycling Drop Off Sites & Refuse Disposal Stations
Allegany County, Maryland

III-18

Fig III-2

CHAPTER IV

ASSESSMENT OF NEEDS

ALLEGANY COUNTY
SOLID WASTE MANAGEMENT PLAN
CHAPTER IV

(1) and (2) AN ASSESSMENT OF ALLEGANY COUNTY'S NEED TO ALTER, EXTEND, MODIFY OR ADD TO EXISTING SOLID WASTE DISPOSAL SYSTEMS DURING THE NEXT TEN YEARS

(a) **Vale Summit** (Cabin Run) Landfill

The Vale Summit (Cabin Run) Landfill is located west of Maryland Route 36 and south of I-68 approximately two miles south of Frostburg. The County had maintained a landfill in this immediate area since 1971. The Vale Summit Landfill stopped accepting wastes on February 3, 1992. This site is closed in accordance with MDE regulations. A final synthetic cap was installed in 1994. Groundwater monitoring wells were installed in 1997 and a semi-annual sampling program is in progress.

ASSESSMENT: **This facility is closed** and under a post-closure program as prescribed by MDE.

(b) **Westernport** (Moran) Landfill

The Westernport (Moran) Landfill is located approximately two miles northwest of Westernport, in Garrett County. Allegany County has maintained a landfill in this immediate area since 1970. The Westernport Landfill stopped accepting waste on or about February 3, 1992.

This site is being closed in accordance with MDE regulations. A final non-synthetic cap was installed in 1994. Installation of an impermeable synthetic cap was completed in 2004. Groundwater monitoring wells were installed in 1997 and a semi-annual sampling program is in progress.

ASSESSMENT: **This facility is closed** and under a post-closure program as prescribed by MDE.

(c) Mountainview Landfill

Chambers' Mountainview Landfill, Inc. was permitted for construction on February 8, 1991. As of March 15, 1999 it became known as Mountainview Landfill, Inc. It is a commercially owned and operated landfill, located on a 500 acre site with a 39.9 acre permitted area east of Maryland Route 36, approximately three miles south of Frostburg. The operating permit is valid for 5 (five) years and renewable thereafter. The permit was renewed

for a 5-year period commencing in April 2006. Under contract to Allegany County, Mountainview may accept non-hazardous waste after securing all permits and governmental authorizations, and operate "in accordance with all standards imposed by any federal, state or local authorities" for a period of 20 (twenty) years from date of first receipt of acceptable County waste. (See Appendix A for copy of contract) The landfill began accepting municipal solid waste on February 3, 1992. A second contract is in place for the period of 2/2013 – 2/2033 (Appendix A).

The 39.9 acre site is divided into an eight (8) cell footprint. The original design envisioned the need to expand beyond this footprint in order to accommodate the 125,000 tons per year for twenty-year period provision (until 2012) in the contract with Allegany County.

In January 1998, modification of the shape of the 39.9 acre footprint, which was supported by Allegany County, was approved by MDE. This modification results in an increase in footprint capacity, which should provide adequate air space to accommodate the twenty-year contract, or slightly beyond. It is recognized that Mountainview Landfill, Inc. will utilize the entire capacity of the permitted footprint and is viewed as being in the County's best interest to fully utilize all available capacity in the 39.9 acres before developing future solid waste disposal facilities.

ASSESSMENT: Based on 125,000 tons per year, Allegany County has enough solid waste disposal capacity located in the County at the Mountainview Landfill to manage its expected in-County generated municipal solid waste through year 2012. It is believed that additional expansion capacity exists at Mountainview Landfill for the term of the second contract through 2033.

(d) Green Box Sites

Currently, the County maintains four refuse disposal sites which accept household solid waste in small quantities. NOTE: These refuse disposal sites also have drop boxes for household recyclables and used oil collection. See Chapter III, Section 5(b), Page III-8. These or similar operations are planned to be continued through the period, with disposal at the Mountainview Landfill site.

ASSESSMENT: Based on previously mentioned projections e.g., population, etc., the current number (4) and locations of refuse disposal sites is adequate for the next 10 years.

(3) THE FOLLOWING INFORMATION SHALL BE USED TO CONSIDER CONSTRAINTS IMPOSED UPON THE ESTABLISHMENT OF SOLID WASTE ACCEPTANCE FACILITIES

The geographical considerations for the siting of solid waste management facilities in the County is discussed and assessed based on all of the following criteria:

(a) Topography	(b) Soil Types & Characteristics
(c) Geologic Conditions	(d) Location
(e) Aquifers Use & Depth	(f) Wetlands
(g) Surface Water	(h) Existing Water Quality
- Sources	(i) Land Use
- Floodplains	(j) Planned Long Term Growth
- Watersheds	(k) Defined Critical Areas

The following section discusses the topography and other geologic characteristics that typically exist in Allegany County. However, it is recognized that the ultimate determination of siting and site suitability is a determination of the permitting process administered by Maryland Department of the Environment.

(a) Topography

Consult Figure No. IV-1 in pocket of text.

Topographically, Allegany County is an area of steep slopes, narrow valleys, and ridge tops.

In the mountainous section of the Allegheny Plateau, there are two narrow, twisting stream valleys. Georges Creek and Jennings Run have cut into the Allegheny Plateau, exposing numerous rock units and coal seams on both flanks of their narrow valleys. Elevations in the Georges Creek syncline range between less than 1,000 feet near the Potomac River to 2,000 feet near the Pennsylvania line, and in the Dans Mountain chain between 2,000 feet in the north to 2,700 feet in the south. Located along the drainage divide on a land surface, which probably existed in the entire area west of Dans Mountain before stream cutting began, is the City of Frostburg.

To the west of the stream valleys, the land surface rises toward Big Savage Mountain whose crest is in Garrett County. The linear ridge including Big Savage Mountain is 2,934 feet above sea level at Sampsons Rock near the Pennsylvania border.

The Allegheny Front is the boundary between the Allegheny Plateau and Ridge and Valley physiographic regions of the Appalachian Province.

The Allegheny Front is crossed by three streams: the North Branch of the Potomac River at an elevation near 850 feet above sea level; Braddock Run at an elevation of near 1,100 feet; and Jennings Run at an elevation of nearly 850 feet. Slopes are very steep along these streams, as each stream valley is nearly 1,500 feet below the summit of the front.

In the area between Midland and Westernport, the valley floor along Georges Creek is nearly 1,000 feet below the surrounding plateau surface. The land surface is more rolling and slopes are generally less than 500 feet in elevation between Midland and Frostburg.

In this section of Allegany County, nearly all of the land is above elevation 1,000 feet and 50 percent is above 2,000 feet in elevation. The only areas below 1,000 feet are along the three streams, which cut across the Allegheny Front.

The Ridge and Valley section of Allegany County contains a number of major ridges and their numerous offshoots. The major ridges are Town Hill, Green Ridge, Stratford Ridge, Polish Mountain, Warrior Mountain, Martin Mountain, Collier Mountain, Nicolas Ridge, Irons Mountain, Evitts Mountain, Shriver Ridge, and Wills-Haystack Mountain.

Ridge crests in this area are not nearly as high above sea level as those in the Allegheny Plateau section of the County, and, contrary to those in the plateau area, these ridges decrease in elevation southward toward the North Branch and the Potomac River. Evitts Mountain, at nearly 2,300 feet above sea level, is the highest point in the Ridge and Valley section.

The entire area is drained by the Potomac River and its tributaries, the major streams being Wills, Evitts, Town, Fifteen Mile, and Sideling Hill Creeks. Most of these stream valleys range between 450 and 800 feet above sea level, making, in most cases, the difference in elevation from valley floor to ridge crests between 800 and 1,500 feet. The most spectacular change in elevation is near Cumberland where Wills Creek cuts across Wills Mountain, forming a water gap, which is nearly 800 feet high at one point.

Nearly all of the land in the Ridge and Valley section of the County is below elevation 2,000 feet, and approximately 50 percent of this land is below 1,000 feet. The only areas above 2,000 feet are the crests of Evitts and Warrior Mountains and Town Hill. Nearly all of the land in the river valleys is below 1,000 feet, and the lowest point in the County, with an approximate elevation

of 450 feet, is located at the confluence of Sideling Hill Creek and the Potomac River.

Fifty-five percent of the land in Allegany County has a slope greater than 15 percent; 25 percent, a slope of 8 to 15 percent; and 20 percent, a slope of less than 8 percent. Most of the land with less than 8 percent slope is floodplain or mountain crests, and thus, only the small amount of remaining land is suitable for agricultural and urban use.

The headwaters of the North Branch of the Potomac River occur outside Allegany County at an elevation of 3,150 feet mean sea level. The elevation at its confluence with the South Branch Potomac River near Oldtown is 530 feet. The average slope upstream of Luke is about 50 feet per mile (1:100) while downstream the average is only 8 feet per mile (1:660).[1]

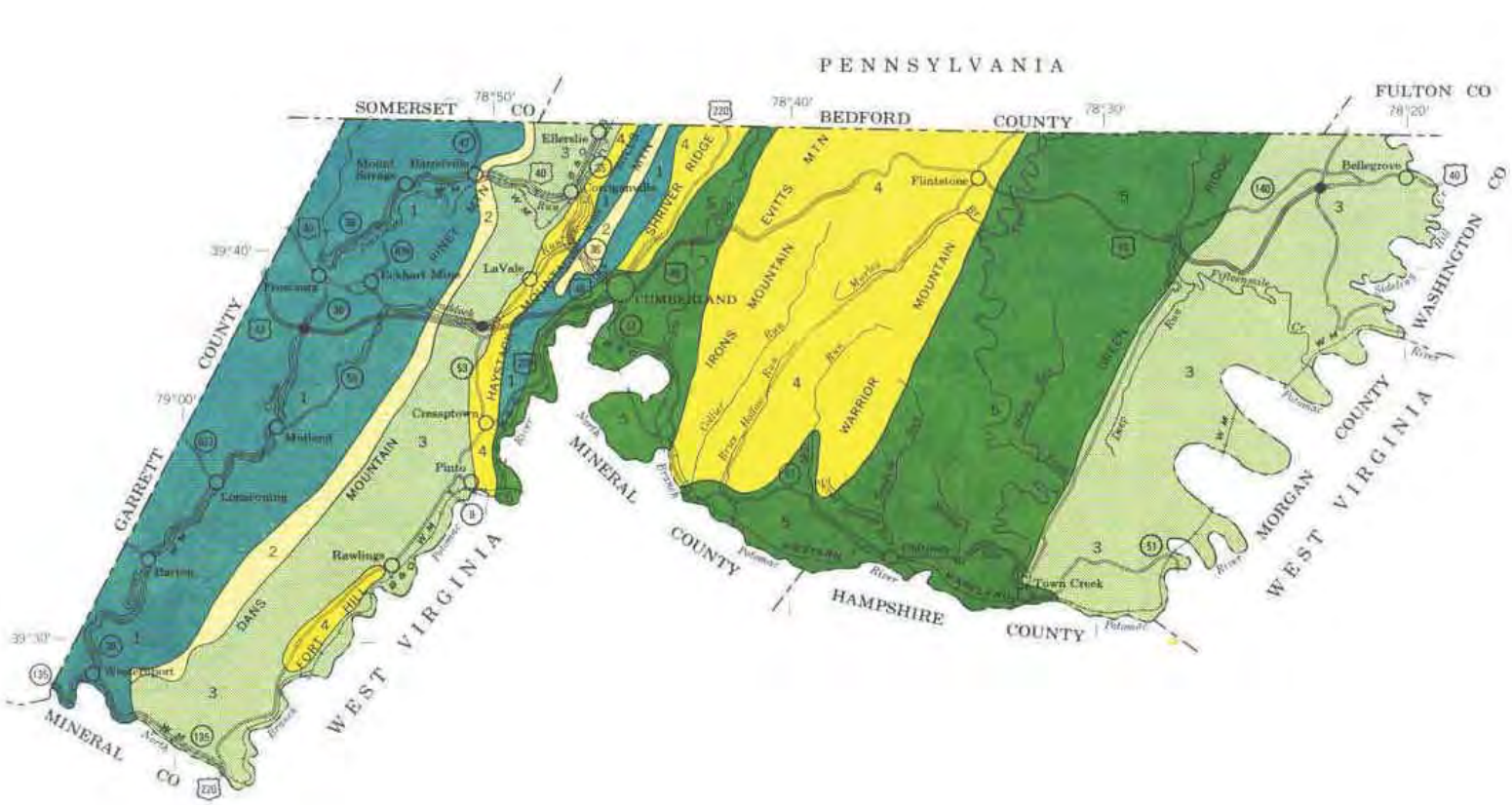
(b) Soil Types and Their Characteristics (See Figure IV-2)

Consult the Soil Survey of Allegany County, Maryland.

Most soils in Allegany County have strongly differentiated horizons. Only weak horizonation is evident, however, in the young soils on floodplains.

The formation of soil horizons is the result of one or more processes. These processes are: 1) accumulation of organic matter; 2) leaching of carbonates and other soluble compounds; 3) chemical weathering, chiefly by hydrolysis, of the primary minerals of parent material into silicate clay minerals; 4) translocation of silicate clay minerals, and probably some silt-sized particles, from one horizon to another; and 5) chemical changes (oxidation, reduction, and hydration) and movement of iron.

In almost all soils found in Allegany County, several of these processes have been active in the development of horizons. For example, the interaction of the first, second, third, and fourth processes given in the previous paragraph is reflected in the strongly expressed horizons of the Hagerstown soils, and all five processes have been active in the development of the moderately well-drained to somewhat poorly drained Albrights and Cavode soils. Only the first process has had any marked effect on the Huntington and Pope soils. In some soils that formed in transported and redeposited material, leaching of carbonates and other compounds probably took place before soil materials were redeposited; some of the other processes could have been active before deposition.



N

SOIL ASSOCIATIONS

1. Gilpin-Dekalb-Cookport association: Gently sloping to very steep, we drained and moderately well drained, dominantly very stony soils that are moderately deep over sandstone and shale
2. Stony land-Dekalb association: Stony land and sloping to very steep, well-drained, very stony soils that are moderately deep over sandstone
3. Weikert-Calvin-Lehew association: Gently sloping to very steep, somewhat excessively drained and well-drained, shaly to very stony soils that are shallow to moderately deep over shale and sandstone
4. Elliber-Dekalb-Opequon association: Gently sloping to very steep, well-drained, cherty or channery to very stony soils that are shallow o deep over limestone or moderately deep over sandstone
5. Weikert-Gilpin association: Gently sloping to very steep, somewhat excessively drained and well-drained, shaly to very stony soils that are dominantly shallow over shale

Compiled 1975

Each area outlined on this map consists of more than one kind of soil. The map is thus meant for general planning rather than a basis for decisions on the use of specific tracts.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
MARYLAND AGRICULTURAL EXPERIMENT STATION

GENERAL SOIL MAP
ALLEGANY COUNTY, MARYLAND

Scale 1:253,440
1 0 1 2 3 4 Miles

Figure IV-2

Some organic matter has accumulated in all the soils to form an A1 horizon. In many places, however, the A1 horizon has lost its identity as a result of tillage and is now part of an Ap horizon. The amount of organic matter varies in different soils. The Dekalb and Lehew soils, for example, have weak, thin A1 horizons that are low in organic matter, while at the other extreme the Lickdale soil has a prominent, thick A1 (or Ap) horizon that is high in content of organic matter.

Some studies of clay mineralogy of soils in this part of Maryland have been made. Generally, soils contain a mixture of clay minerals, but no particular mineral strongly dominates. Thus, all soils of Allegany County, except one, are classified as having mixed mineralogy. The exception is the Leetonia soil, classified as siliceous. However, a likely possibility is that the clay fraction in the Cavode soils is relatively high in kaolinite, and that the clay fraction in the Hagerstown, Edom, and Opequon soils is relatively high in illitic minerals.

The downward movement of clay minerals has contributed strongly to the development of horizons in many soils. These minerals have been partly removed from the A1 and A2 horizons and partly immobilized in a Bt horizon. This is characteristic of the Albrights, Allegheny, Belmont, Brooke, Buchanan, Cavode, Chavies, Cookport, Edom, Ernest, Gilpin, Hagerstown, Laidig, Landisburg, Loysville, Meckesville, Monongahela, Nolo, Opequon, Robertsville, Shelocta, Tyler and Westmoreland soils. Clay may also have moved downward in other soils of the county, but if so, the quantity has been insufficient to be clearly observable.

Under certain conditions in soils, coarse textured and acid organic materials are removed from near the surface and redeposited in the subsoil, probably with some colloidal aluminum or iron compounds, to form a Bh horizon. This is characteristic of the Leetonia soils in Allegany County.

Reduction and transfer of iron has taken place to some degree in all soils that have impeded natural drainage. Only in the wettest soils, however, has this process, known as gleying, been of much significance. The Atkins, Lickdale, Loysville, Melvin, Nolo, Robertsville, and Tyler soils have been most strongly affected by gleying.

Iron that has been reduced in areas where the soil is poorly aerated generally becomes mobile and can be partly or completely removed from the soil. In the soils of Allegany County, however, most of the iron has moved either within the horizon where it originated or to another nearby horizon. Part of this iron may become reoxidized and segregated to form the yellowish-red, yellowish-brown, or strong-brown mottles that indicate impeded drainage and are common in a gleyed horizon.

When silicate clay is produced by hydrolysis of primary minerals, some iron is generally freed as hydrated oxide. Depending upon the degree of hydration, these oxides are more or less red. Only a small amount of the oxide is required to give the subsoil a reddish color. In Allegany County, the soils most strongly colored by iron oxide are those of the Hagerstown and Opequon series. The reddish colors in the Albrights, Calvin, Lehew and Meckesville soils are mostly inherited from reddish geologic material, but the colors could have been augmented by iron oxide.

A profile that is representative of each soil series in the county is described in detail in the section Soils Survey of Allegany County, Maryland. A general discussion on the constraints different types of soils pose to solid waste acceptance follows:

CONDITION: Cohesive Fine Grained Impermeable Soils (silts and clays)

DESIRABILITY: Desirable

REASON: Impermeable soils, such as silts and clays, tend to slow the movement of contaminated water or leachate and restrict the movement to the immediate vicinity of the landfill, thereby preventing pollution of the groundwater table.

CONDITION: Granular Permeable Soils (sands, gravels)

DESIRABILITY: Undesirable

REASON: Permeable soils tend to filter the leachate to some extent; however, if the soils are too permeable pollutants may rapidly percolate into the groundwater table without being filtered, which can result in contamination of large areas of groundwater.

CONDITION: Deep Soil Overburden

DESIRABILITY: Desirable

REASON: Deep soil overburden generally is a result of the weathering of a non-resistant rock such as a shale. Therefore, not only is it easier to construct the landfill pits in the deep soil, but also there would be a larger quantity of soil, which would tend to be more suitable for proper cover material.

CONDITION: Shallow Soil Overburden

DESIRABILITY: Undesirable

REASON: In contrast to the above case, shallow soil overburden is the result of the slow weathering of a very resistant rock type such as sandstone. Therefore, it would be very difficult to excavate the rock for the landfill pits, and there would be a lack of suitable cover material.

CONDITION: Gently Dipping Rock Strata with Few Fractures or Joints

DESIRABILITY: Desirable

REASON: Under these conditions, leachate would percolate very slowly through the rock strata due to the lack of steep bedding planes and large joints or fractures. This would allow for a more thorough purification process for a leachate and prevent the serious contamination of the deeper water bearing zones.

CONDITION: Steeply Dipping Rock Strata with Large Fractures or Joints

DESIRABILITY: Undesirable

REASON: In contrast to the above, this condition allows rapid movement of contaminants through large fractures and joints without purification. The steepness of the bedding planes increases the rate of movement due to the force of gravity down-gradient and may result in pollution of the less fractured and confined deep lying water bearing zones.

CONDITION: Gentle Topography

DESIRABILITY: Desirable

REASON: The configuration of the groundwater table generally reflects the configuration of the land surface. Therefore, where the topography has gentle slopes, the slopes of the water table are likewise gentle and groundwater movement through the soil and rocks is slow. This allows time for the pollutants to be subjected to natural purification and reduces the possibility of contaminated springs and streams.

CONDITION: Steep Topography

DESIRABILITY: Undesirable

REASON: In contrast to the above condition, in the areas of steep or severe topography the contaminant flows rapidly down gradient to the point where it discharges into streams in the valleys or forms spring lines at the base of the slopes. The rate of flow through the soil and rocks is rapid and little natural filtration and purification takes place. In addition, steep topography promotes rapid runoff of potentially polluted surface water during period of heavy precipitation.

CONDITION: Floodplain

DESIRABILITY: Undesirable

REASON: The groundwater table is generally very near or to the surface in floodplain areas, especially during high water or heavy precipitation. Therefore, a landfill located on a floodplain would allow the contaminants to be in direct contact with the water table, which could result in both surface and deep water pollution.

CONDITION: Low Groundwater Table with Permeable Soils and Rock

DESIRABILITY: Generally Desirable

REASON: The greater the distance between the landfill and the water table, the more filtered the contaminants become as they percolate through the permeable layers of soil or rock. However, if the materials are too permeable, it could result in the contamination of large areas due to rapid percolation of pollutants into the groundwater table.

CONDITION: Low Groundwater Table with Impermeable Soils or Rock

DESIRABILITY: Desirable

REASON: Impermeable soils, such as clays or tight shales, tend to slow the movement of the contaminant, and restrict the movement to the immediate vicinity of the solid waste acceptance facility. Pollutants would then be contained at a shallow level and would prevent, to a considerable degree, the contamination of the deeper lying water table.

CONDITION: High Groundwater Table with Impermeable Soils

DESIRABILITY: Undesirable

REASON: Optimum conditions for pollution of the groundwater table occurs when the water table is very near to or within the depth penetrated by the solid waste acceptance facility, because the solid wastes are in continual direct contact with the groundwater. Due to the high water table the soils

are saturated, resulting in contamination of surface runoff and ponding on the surface.

(c) Geologic Conditions

Most of the rocks now exposed in Allegany County, Maryland, were deposited during the Paleozoic Era between 430 and 280 million years ago. The Appalachian Mountains were produced about 230 million years ago by compressional forces. Uplifting of the entire region followed, and, since that time, erosion has been the dominant geologic event. Generally, the higher ridges are sandstones, while softer shales and limestones form the hill slopes and valleys.

The rocks of the Appalachian Highlands province are of Precambrian, Paleozoic, and Quaternary Age. The maximum estimated thickness of the Precambrian and Paleozoic rocks is 1,000 and 38,000 feet, respectively, and surficial Quaternary deposits are known to have a maximum thickness of 140 feet. The Precambrian strata consist chiefly of highly altered granitic gneisses and volcanic rocks; the Paleozoic strata consist mainly of shales, sandstones, and limestones. Approximately 40 percent of the surficial rocks in Allegany County are shale, 5 percent of which is limestone and dolomite. The remaining surficial rocks are sandstone, ironstone, and other rock types.

The Geologic Formations of Allegany County (See Figure IV-3).

- QUATERNARY PERIOD

Alluvial and Colluvial Material

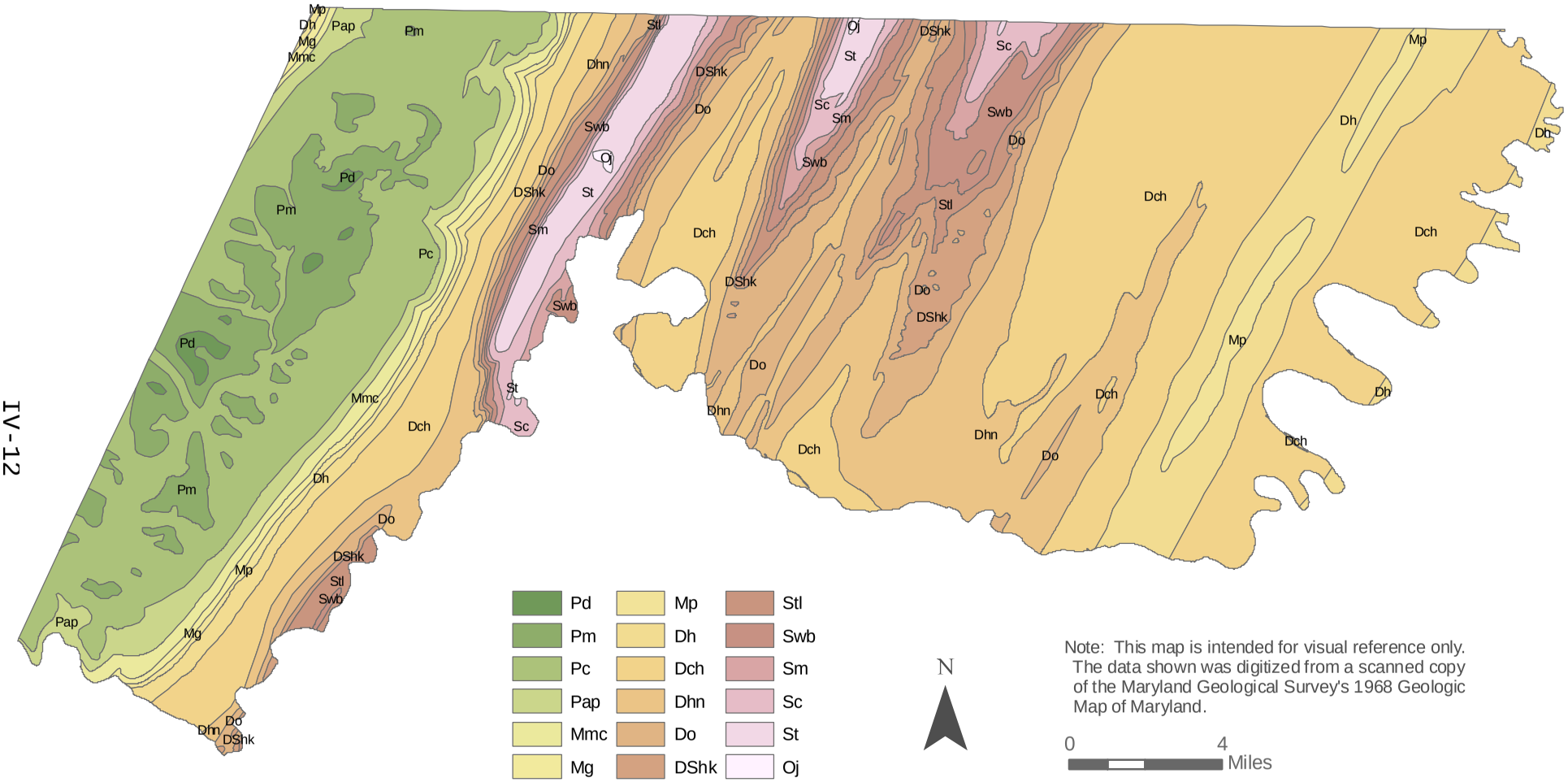
Sands and gravel less than 50 feet thick; found in stream valleys and footslopes throughout the county.

- PERMIAN PERIOD

Dunkard Group

Layered green and red shale, sandstone, siltstone, some conglomerate, and some thin coal beds; approximately 200-250 feet thick found on hilltops in Georges Creek basin.

Allegany County Geology



Note: This map is intended for visual reference only. The data shown was digitized from a scanned copy of the Maryland Geological Survey's 1968 Geologic Map of Maryland.

PERIOD	FORMATION	SYMBOL	PERIOD	FORMATION	SYMBOL	PERIOD	FORMATION	SYMBOL
Permian	Dunkard	Pd	"	Rockwell	Mp	Silurian	Tonoloway	Stl
Pennsylvanian	Monongahela	Pm	Devonian	Hampshire	Dh	"	Wills Creek	Swb
"	Conemaugh	Pc	"	Chemung	Dch	"	McKenzie	Sm
"	Pottsville and Allegany	Pap	"	Hamilton	Dhn	"	Clinton	Sc
Mississippian	Mauch Chunk	Mmc	"	Oriskawy	Do	"	Tuscarora	St
"	Greenbrier	Mg	"	Heldorburg	DShk	Ordovician	Jujiata	Oj

PENNSYLVANIAN PERIOD

Monongahela Formation

Repeated interbeds of green and red shale, coal, underclay (thin) limestone, and sandstone, predominantly shale (65% - 70%), most limestone and sandstone beds less than 6 feet thick; approximately 375 feet thick; located along Georges Creek basin between Barton and Frostburg.

Conemaugh Formation

Interbedded shale, black shale, underclay, coal, argillaceous limestone, and sandstone, all numerously repeated, and mostly as thin layers, with several thick sandstone beds (up to 40 feet thick) and "iron nodules" and thin beds of iron ore; approximately 825-925 feet thick; found in Georges Creek basin between Dans and Big Savage Mountains.

Pottsville and Allegheny Formations

Mixed sandstone and shale, predominantly sandstone, some flaggy, some thick-bedded (massive), with some coal beds and underclays.

- MISSISSIPPIAN PERIOD

Mauch Chunk Formation

Predominantly reddish shale, with green shale, red mudstone, and multi-colored sandstone; approximately 650-800 feet thick; found along the east slope of Dans Mountain.

Greenbrier Formation

Sandy limestone, in part cross-bedded, and interlayered with thinner beds of red shale; approximately 2100-3000 feet thick; found along east slope of Dans Mountain.

Pocono Formation

Mixed sandstone and shale, predominantly flaggy (thin, platy) to massive sandstone, partly cross-bedded, locally thin streaks of coaly material; approximately 250 feet thick in the west to 1,700 feet thick in the east; found along east flank of Dans Mountain and summit of Town Hill.

- DEVONIAN PERIOD

Hampshire Formation

Mixed beds of sandstone and shale, but predominantly sandstone, variable thin-bedded (flagstone) and thick-bedded (massive), shale beds commonly red and brown; approximately 1600-2400 feet thick; found along east flank of Dans Mountain, both flanks of Town Hill, and west flank of Sideling Hill.

Jennings Formation (Chemung)

Predominantly sandy shale, dark gray or black in lower part of formation, and shaly sandstone with some hard quartzite and conglomerate beds in upper part; approximately 3000-4800 feet thick; found along east flank of Dans Mountain, Evitts Creek Valley, Mexico Farms and most of Town, Fifteen Mile and Sideling Hill Creeks.

Romney Formation (Hamilton)

Predominantly argillaceous shale, in part black (carbonaceous) with almost paper-thin bedding cleavage, with subordinate thin beds of sandy shale and sandstone, and several thin beds of limestone; approximately 350-1660 feet thick; found in Potomac Valley east of Dans Mountain, along Bedford Road on east side of Cumberland and in Oldtown area.

Oriskany Formation

Lower portion predominantly chert layers with shale partings, upper portion loosely cemented calcareous sandstone; approximately 300-350 feet thick; forms Cash Valley, Shriver and Stratford Ridges, Irons, Collier, Martin and Warrior Mountains and Fort Hill.

Helderberg Formation

Primarily gray limestone with chert in upper portion; approximately 350 feet thick; flanks Fort Hill, Cash Valley and Shriver Ridges, and Martin and Warrior Mountains.

- SILURIAN PERIOD

Tonoloway Formation

Predominantly limestone beds, partly thick-bedded and cherty, partly thin-bedded and shaly, with subordinate shale beds (lower beds are thinly laminated); approximately 600-660 feet thick; flanks Fort Hill, Cash Valley and Shriver Ridges, and Martins Mountain.

Wills Creek Formation

Interbedded olive to yellow-gray shale and limestone;

approximately 450 feet thick; flanks Fort Hill, Wills, Irons, and Evitts Mountains, and found along Murley Branch near Flintstone.

McKenzie Formation

Predominantly interbedded gray, greenish-gray, and red shale, shaly sandstone, and calcareous shale, with thin beds of argillaceous limestone and soft sandstone; approximately 240-300 feet thick; flanks Wills and Evitts Mountains and area along Flintstone Creek.

Rose Hill Formation - Clinton Shale

Chiefly shale with minor beds of sandstone and thin-bedded limestone, beds of iron ore (hematite); approximately 550-660 feet thick; flanks Wills and Evitts Mountains and area of Flintstone Creek.

Tuscarora Formation

Hard white and light gray sandstone (in part quartzite), mostly thick-bedded with minor thin beds of shale; approximately 400 feet thick; forms Wills, Evitts and Tussey Mountains.

- ORDOVICIAN PERIOD

Juniata Formation

Soft shale, sandy shale, and thin-bedded sandstone; approximately 500 feet thick; found only in the narrows of Wills Mountain at Cumberland.

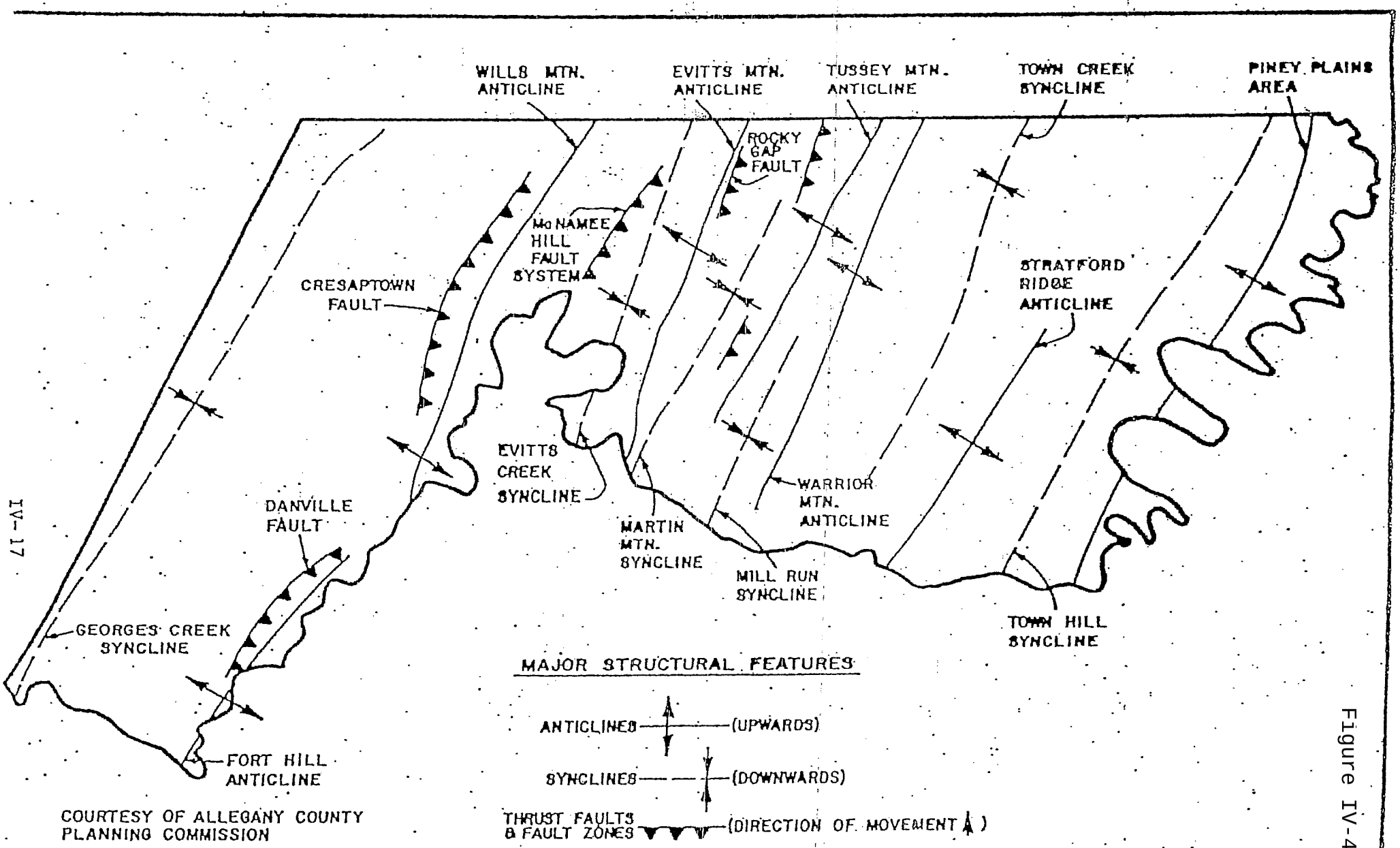
Major Structural Features (Figure IV-4).

The major structural features present in Allegany County are folds (anticlines and synclines) and thrust faults, which were probably caused by compressional forces pushing from the east toward the mid-continent during formation of the Appalachian Mountains. Anticlines are upwarped folds, synclines are downwarped folds, and thrust faults usually occur where rocks in anticlines and synclines were broken and older rocks pushed over younger rocks.

Georges Creek Syncline, the westernmost major structural feature in Allegany County, is an open downfold containing the youngest exposed rocks found in the area. Combined with the resistant Pottsville and Allegheny formations of the syncline's flanks, this downfolding has protected the coal beds from erosion. The axis of the syncline is partially followed by Georges Creek and Jennings Run and passes near Mt. Savage, Frostburg, Lonaconing and Westernport.

East of the Georges Creek Syncline are the Cresaptown and Danville Faults, which parallel the Allegheny Front in portions of Pennsylvania, Maryland and West Virginia. The rocks forming Wills Mountain and Fort Hill have been thrust over the younger rocks of the Potomac and Wills Creek Valleys. The faults are not obviously visible, but the Cresaptown Fault has been exposed near the Braddock Square Shopping Center.

The Wills Mountain Anticline, west of the Cresaptown and Danville Faults and related to the Cresaptown Fault, is a relatively narrow upwarp with rocks dipping away from its axis at steep angles, particularly on its west side. Tuscarora sandstone forms the anticline, while Oriskany sandstone forms Cash Valley and Shriver Ridges on its flanks.



COURTESY OF ALLEGANY COUNTY PLANNING COMMISSION

MAJOR STRUCTURAL FEATURES ALLEGANY COUNTY

FIGURE IV-4

Figure IV-4

In the Bedford Road-Naves Crossroads area, a group of thrust faults in the Romney formation paralleling Shriver Ridge comprise the McNamee Hill Fault System.

Evitts Creek Syncline is a broad downwarp east of the McNamee Hill Fault System between the Wills Mountain and Evitts Mountain Anticlines and includes the area affected by the McNamee System. The Evitts Creek Valley area has no exposed resistant rocks or prominent ridges.

Evitts Mountain Anticline, immediately east of the Evitts Creek Syncline, is a narrow upwarp. The prominent ridge at Rocky Gap State Park is composed of Tuscarora sandstone, which plunges underground south of Route 40, obliterating the prominence of the ridge. Oriskany sandstone forms Irons Mountain on the east flank of the anticline, and a thrust fault east of Rocky Gap has produced an offset in the Tuscarora sandstone, which has been exposed near Rocky Gap Dam.

A rather complicated land surface has been produced by the Martin Mountain Syncline east of the Evitts Mountain Anticline. Although rocks between Evitts and Tussey Mountains are generally downwarped, Martin and Collier Mountains and Rush Ridge are formed by the surface exposure of resistant Oriskany sandstone.
This sandstone has also been thrust upward east of Pleasant Valley along the Martin Mountain Fault.

The Tussey Mountain Anticline is an upwarp of Tuscarora sandstone east of Martin Mountain, which forms Tussey Mountain in Pennsylvania. The Tuscarora sandstone plunges below the land surface in Maryland so that less resistant shales of the Rose Hill, McKenzie, Wills Creek, and Tonoloway formations are found in the Twiggtown area.

The Mill Run Syncline is a downwarp of Romney and Jennings shale in the Mill Run stream valley southeast of Twiggtown and east of the Tussey Mountain Anticline.

A resistant Oriskany sandstone upwarp forms the east flank, near Flintstone and both flanks, near the Oldtown Road, of the Warrior Mountain Anticline. Less resistant limestones and shales form Murleys Branch west of Flintstone.

Town Creek Syncline is a broad downwarp east of Warrior Mountain on the Romney and Jennings formations. Resistant Chemung conglomerate forms Polish Mountain, while less resistant shale beds form the Town Creek Valley.

Stratford Ridge Anticline, east of Oldtown and the Town Creek Syncline, is an upwarp, which is visible in Stratford Ridge where the resistant Oriskany sandstone outcrops. The structure is in the less resistant Romney shale north of Stratford Ridge.

The easternmost major geologic structure in Allegany County is the Town Hill Syncline. It is a broad downwarp lying east of Stratford Ridge with its axis on Town Hill. The crest of the syncline is formed by the resistant Pocono formation while resistant Chemung conglomerate forms Green Ridge. Topographically, the syncline is high. On its east, the rocks are warped upward in a small anticline underlying the Piney Plains area. Further east, the rocks are again downwarped, resulting in the formation of Sideling Hill by the resistant Pocono formation.

The following maps housed at the Allegany County Planning Office may be consulted for detailed geologic conditions:

Geologic Map
of
Allegany County
State of Maryland
Department of Geology Mines and Water Resources

(d) Location

Information covered in other paragraphs in this Section of Chapter IV.

(e) Use and Depth of Aquifers

Allegany County has unconfined aquifers with varying depths seasonally from a few feet to approximately 800 feet in depth. Also on file at the Allegany County Health Department is a Foxbase data base system, which contains the record information of wells, drilled and used in Allegany County. (See paragraph (h) of this Chapter for groundwater quality discussion.)

(f) Location of Wetlands

Wetlands are small in size and are sporadically located throughout Allegany County. One of the most prominent areas for wetlands in the county is associated with the Federally-owned and operated C & O Canal Park. Allegany County has less than 1% of all the non-tidal wetlands in the State of Maryland. A complete set of detailed maps of all non-tidal wetlands is available for review at the Allegany County Office of Community Development located at the County Office Complex. Various man-made wetland areas have been developed throughout the County in conjunction with the State of Maryland's "no-net loss of wetlands" program due to development.

Nontidal Wetlands Guidance Map
State of Maryland
Department of Natural Resources
Water Resources Administration
1989

(g) Location of Surface Water Sources, their Floodplains and Watersheds

Allegany County has numerous small surface water supplies used for municipal water purposes. Two large surface water reservoirs are located in Bedford County, Pennsylvania, which supplies municipal water to the City of Cumberland and surrounding suburbs. The Savage River Dam supplies the towns of Westernport and Luke and the Piney Dam serves the City of Frostburg and adjacent areas. The County's Comprehensive Water and Sewerage Plan and numerous other drainage basin studies are available at the County Office Complex and provide a more in-depth description of existing water supplies, water systems, and drainage areas supplying water to the region.

Floodplains exist for all streams and rivers in Allegany County. The Federal Emergencies Management Agency has maps on file at the Allegany County Department of Community Services for most of Allegany County. These maps are on a 1:500 scale and delineate most floodplain areas.

(h) Existing Water Quality Conditions

Water quality conditions in Allegany County are varied, especially with respect to groundwater quality.

The western portion of Allegany County is influenced strongly by acid mine drainage from old deep mining drainage systems, small seeps, and recent strip mining activities.

The eastern portion of Allegany County is influenced by poor soil conditions and geological conditions that cause high levels of iron and sulfates.

Surface water conditions are found to be in moderate to high quality. Numerous springs and small streams in the eastern undeveloped areas are responsible for the highest water quality found in Allegany County. Both Sideling Hill Creek and Fifteen Mile Creek are examples of high water quality. Town Creek also has high water quality; however, it is influenced by agricultural runoff.

The three primary areas of poor water quality are the North Branch of the Potomac River, Georges Creek and Braddock Run. The Potomac River is influenced by acid mine drainage in the North Branch area above Allegany County. Industrial, domestic and agricultural sources are responsible for both high turbidity levels and high BOD levels from Westernport to the confluence of the North Branch with the South Branch of the Potomac River. Poor water quality in Georges Creek is caused by extremely low water levels at the northernmost end of the stream near Frostburg. This low flow is due to seepage into the Hoffman tunnel. Braddock Run has poor

quality water caused by acid mine drainage from the Hoffman Tunnel. Braddock Run is laden with yellow boy which is a ferric hydroxide precipitate produced from pyrite in association with coal seams located underground. Yellow boy contamination occurs from the Hoffman Tunnel to Wills Creek.

(i) Incompatible Land Use

The Allegany County Department of Community Services is responsible for the control and approval of all development, including the location of solid waste facilities in regard to zoning and incompatible lands.

(j) Planned Long-Term Growth Patterns

U.S. Census Reports for Allegany County
(1950-2000)

1950	89,556
1960	84,169
1970	84,044
1980	80,548
1990	74,946
2000	74,930

MD Office of Planning Projections

2010	73,100
2020	75,300
2030	75,900

(k) Federal, State and Local Laws and Areas of Critical State Concern (as designated by the Department of State Planning)

Constraints imposed upon the establishment of solid waste facilities are outlined in COMAR Title 26, Department of the Environment, Subtitle 04, Chapter 07, Solid Waste Management. There are no areas of critical State concern within Allegany County.

SOURCES

1. Soil Survey of Allegany County, Maryland, United States Department of Agriculture, Soil Conservation Service.

2. Allegany County Comprehensive Water and Sewerage Plan, 2007.

3. Allegany County Solid Waste Management Plan, April 2004.

ASSESSMENT: Information exists to adequately address the geographical considerations for the siting of solid waste management facilities in the County and/or further data could be acquired to evaluate the considerations in conjunction with State law.

(4) ASSESSMENT OF METHODS TO REDUCE SOLID WASTE VOLUMES, RECYCLING AND OTHER SPECIAL NEEDS

Allegany County acts on the following hierarchy for waste management in regard to resource reduction and source recovery:

Reduce
Reuse
Recycle/Compost
Landfill

To this end, the Allegany County Solid Waste Management Board (SWM Board) was established to provide programs and education, which implement the Reduce, Reuse, Recycle/Compost and Landfill solid waste management hierarchy. The Board, composed of appointed members acting in an advisory capacity to the County Commissioners, began monthly meetings in January 1997. (SEE By-Laws in Appendix D)

Since economic incentive can be an effective means of reducing the per capita waste generation rate, Allegany County should encourage its municipalities to support the use of variable (i.e. pay as you throw) rates for waste disposal. Variable rate structures can allow for equitable payment for service, financial incentive for source reduction and source separation, and the consideration of other issues when establishing the rate structure.

Another economic incentive deals with the avoidance of artificially low tipping fees which may involve subsidization and which hides the true cost of disposal by landfill.

Regarding incineration as a step in the solid waste management hierarchy, the County should not permit the construction of any incinerators for municipal solid waste for the following reasons:

1. Incinerators compete with recycling programs for resources;

2. Recycling is a repeatable process which saves energy. The energy recovered from a one-time

incineration process is less than the repeatable recyclable process.

3. Incinerators may create new environmental and health problems with pollution and production of chemically complex or toxic residues.

(a) Source Separation and Reduction Programs

At this time, the only Source Separation programs the Solid Waste Management Board is aware of are for the seasonal curbside collection of yard material done in the Cities of Frostburg and Cumberland and the once-a-month curbside newspaper collection in Frostburg.

ASSESSMENT: On February 1, 1998, Allegany County instituted a variable rate sticker program for waste at the refuse disposal sites. While this is a good program, it does not affect the majority of the County's population. The majority of the County's population waste disposal is served by either municipal/public or commercial/private contracts. In addition to existing operation programs, public education is critical. The County needs to develop public educational programs on source reduction. The SWM Board Reduce/Reuse subcommittee will be instrumental to this end.

In both 2001 and 2002 the County distributed Source Reduction literature to its 5,000 water customers along with their annual Consumer Confidence Reports.

(b) Recycling Programs

The State of Maryland mandated that counties with population of 150,000 or less divert 15% of municipal waste from the solid waste stream by January 1, 1994. The Recycling Committee, which functioned prior to the County's SWM Board, recommended a 25% recycling goal for the County. Subsequently in the 1992/1996 SWM Plan the recycling goal was clarified to "25% by the year 2000" and was approved by the Allegany County Commissioners. Since 1997, Allegany County has recycled over 15% of its waste stream (Table IV-1) and reached the 25% goal in 2002. The Recycling Coordinator in collaboration with the SWM Board is actively monitoring the implementation of this plan and will recommend changes which are deemed economically feasible.

Recyclable materials generated by residents of Allegany County are collected at drop-off facilities. Sixteen sites are currently implemented, and collect combined bimetal and aluminum cans, and newspaper. Cardboard, white goods, glass and magazines and plastics were added as targeted materials and special drop-off sites were developed for these materials. The County has also developed mobile drop-off systems for cardboard.

1. Recycling Material Drop-off Sites

The County Recycling Center at the rear of the County Office Complex on Kelly Road in Cumberland was established in 2001. Operated by Penn Mar Recycling under contract with the County, the center provides full service recycling of cardboard, newspaper, office paper, glass, cans, plastics, magazines, used oil, used antifreeze and white goods.

In addition to the County Recycling Center, there is a permanent drop-off site for old corrugated cardboard at Mountainview Landfill and a compost site near Mexico Farms.

A more detailed assessment of recycling methods is included in Section 4(b) of this chapter and in Chapter V.

(1) Permanent/Year-around sites:

- Recycling Drop Boxes;
- Used Motor Oil;
- Used Anti-Freeze;
- Old Corrugated Cardboard (OCC);
- Mixed Office Paper (OP);
- Magazines & Catalogs (M & C).

(2) Permanent/Seasonal sites:

- Compost Site;
- Telephone Books (TB);
- White Goods (WG);
- Winter Evergreens (Trees & Wreaths);

(3) Other Periodic Programs:

- Household Hazardous Waste Collection Days
- Scrap Tire Collection Days
- E-cycle Collection Days
- Thermometer and Mercury Collection Days

ASSESSMENT: Allegany County has met its recycling goal of 25% since Year 2002. New educational and operational programs are being implemented to increase public participation and maintain and increase the level of recycling.

2. Yard Waste Compost Site

A composting facility for yard material is operated by Allegany County and a prohibition of yard material from entering the solid waste stream and the landfill is in effect by State law when dealing with mono-loads of yard material. The cities of Cumberland and Frostburg provide seasonal curbside collection of

yard material to their residents. In addition to the municipal curbside collections of Christmas trees and wreaths by Frostburg, Allegany County provides numerous drop-off sites for Christmas tree collections. The trees are then mulched and delivered to the County Compost site.

ASSESSMENT:

A) While the County's traditional, centralized compost site (off Rte. 51/Oldtown Road) is well-established and has continued to increase in usage, no satellite sites have been established.

B) A satellite composting site should be established on the west side of the county such as at Mountainview landfill to increase participation and minimize the landfilling of yard waste.

C) Frostburg continues its seasonal curbside collection of yard material and Cumberland has purchased a vacuum mulcher and has re-established their annual fall leaf collection.

D) The number of sites for seasonal drop-off collection of Christmas trees and other greens appears satisfactory.

3. Curbside Collection of Recyclables

The original Recycling Plan, as adopted in 1990, called for curbside collection programs in selected areas of Allegany County.

The City of Frostburg in conjunction with the County's SWM Board conducts a residential curbside collection of newspaper. The County should assess the feasibility of curbside recycling and work with municipalities and haulers to encourage curbside collection recycling programs.

ASSESSMENT:

The Frostburg curbside pilot program was deemed successful enough to convert to a permanent curbside collection of newspaper one day per month. However, no further progress has been made on residential curbside collection of household recyclables at other locations.

4. Recycling in the Public Schools

On July 1st, 2009, Maryland House Bill 1290 required counties to revise recycling plans (inherent to this document) to include the collection, processing, marketing and disposition of recyclable materials from county public schools. Allegany County

schools include 14 elementary schools, 4 middle schools, 3 high schools, 1 alternative school, 1 Center for Career and Technical Education (CCTEC). All of the former facilities are operated by Allegany County Public Schools (ACPS). The only other county public education facility is Allegany College of Maryland (ACM).

Current recycling efforts in ACPS facilities include:

Material	Participating Schools
OCC (corrugated cardboard)[1]	All K-12, CCTEC, ACM
office paper[1]	Some K-12, CCTEC, ACM
#1 plastics[1]	Some K-12
Phone books[2]	All K-12
Fluorescent bulbs[3]	All K-12, CCTEC
Ferrous and non-ferrous metals[4]	All K-12, CCTEC
Electronics[5]	All K-12, CCTEC, ACM

1. Materials are collected by ACPS Operations staff and ACM staff and transported to the County recycling center for processing and marketing.
2. Phone books are collected as an annual event. These books are transported by ACPS Operations staff to the County recycling center for processing and marketing.
3. Collection, processing, and disposition of fluorescent bulbs are performed by ACPS Operations staff.
4. Metals are collected by ACPS Operations and Maintenance staff at the central office and transported and sold to a commercial metal recycler (currently Allegany Scrap).
5. Collection and marketing / disposition of electronics are performed by ACPS Operations and IT staff and by ACM IT staff for their respective facilities.

ASSESSMENT:

The current strategy for recycling materials in the schools consists of collection and transport of materials by staff to the County recycling center for processing and marketing. Opportunity exists to expand the number of schools which collect materials as detailed above and to add materials such as cans or other paper products to the suite of materials collected.

Recycling efforts are currently informally coordinated by various departments. For ACPS, it may be beneficial for each school to designate a recycling coordinator who reports to an Operations staff member in charge of the ACPS recycling program.

As the volume of recyclable material collected at the schools increases, it would be worthwhile to

investigate the economics of using a commercial hauler or processor to collect recyclable materials from the schools rather than performing these operations with ACPS staff.

Opportunity exists for collaboration with County recycling events such as e-cycling.

(c) Resource Recovery Option

The drop-off collection(s) described above, together with private sector buy-back programs are the only resource recovery options provided currently. The potential volume of recoverable materials in Allegany County has not justified a resource recovery facility at past market rates. The transportation costs associated with the distances we are located from secondary markets are considered in the economic feasibility of adding additional materials. The tipping fee for MSW at the landfill is currently $44.29 per ton, which provides economic incentive to recycle. It should be noted that the processing fee under the counties contract with Penn-Mar Recycling to operate the County Recycling Center is currently $51 per ton (Appendix A, pg 6 of recycling contract).

Table IV-1 shows a comparison of the basic, annual (calendar year) recycling tonnages and percentages for Allegany County. It shows that in 1994 Allegany County first met its 15% goal as mandated by the Maryland Recycling Act of 1988. The County also reached its own stated goal of 25% in 2002. Furthermore, this table illustrates the cost per ton for Allegany County's recycling program for each of the full calendar years since its inception in June 1991. The data presented are derived from the Annual Recycling Reports with updates from the Allegany County Recycling Coordinator.

TABLE IV - 1A

ANNUAL RECYCLING SUMMARIES - ALLEGANY COUNTY MARYLAND

	1992	1993	1994	1995	1996	1997	1998	1999
1. DROP BOXES								
# SITES/BOXES	12/12	12/12	16/18	16/18	16/18	16/18	16/18	16/18
OPERATING COST	$62,200	$64,073	$57,588	$58,660	$81,638	$89,609	$88,254	$79,854
REVENUES	$0	$0	$0	$23,800	$0	$0	$0	$0
TONS RECYCLED	1,082	1,160	1,230	1,260	1,460	1,470	1,450	1,330
$/TON COST	$57/TON	$55/TON	$47/TON	$28/TON	$56/TON	$60/TON	$60/TON	$60/TON
2. COMPOST SITE								
OPERATING COST	$48,545	$48,147	$55,690	$51,420	$54,507	$58,353	$68,210	$72,600
TONS RECYCLED	1,160	1,220	1,470	1,515	1,625	1,725	2010*	2,310
$/TON COST	$42/TON	$39/TON	$38/TON	$34/TON	$34/TON	$34/TON	$34/TON	$32/TON
* 500T torndo debris								
3. OTHER PROGRAMS See definitions p. IV-24		WG,TB,OP	WG,TB,OP	WG,TB,OP OCC	WG,TB,OP OCC	WG,TB,OP OCC	WG,TB,OP OCC,MAG	WG,TB,OP OCC,MAG
OPERATING COST		$3,500	$9,450	$19,510	$18,110	$20,970	$21,790	$28,306
REVENUES			$1,310	$23,110	$9,940	$13,400	$10,040	$13,300
NET COST		$3,500	$8,140	-$3,710	$8,170	$7,570	$11,750	$15,006
TONS RECYCLED		44	$206	342	$434	435	$430	560
$/TON COST (PROFIT)		$79/TON	$40/TON	($11/TON)	$18/TON	$12/TON	$27/TON	$27/TON
4. TOTAL OF PROGRAMS								
OPERATING COST	$1,115,895	$121,650	$122,728	$129,590	$154,255	$168,932	$178,254	$180,760
REVENUES	0	0	$0	$47,020	$9,940	$13,400	$10,040	$13,300
NET COST	$115,895	$121,650	$122,728	$82,570	$144,315	$155,532	$167,664	$167,460
TONS RECYCLED	2,250	2,450	2,910	3,117	3,519	3,630	3,890	4,215
$/TON COST	$52/TON	$50/TON	$42/TON	$26/TON	$41/TON	$43/TON	$43/TON	$40/TON
5. COMMERCIAL TONS		5,710	7,100	6,433	6,556	6,550	6,515	6,490
(TIRES-MRA ELIGIBLE)						200	140	110
(TORNADO DEBRIS)							500	
TONS RECYCLED		8,160	10,010	9,550	10,075	10,380	10,545	10,815
TOTAL WASTE STREAM		66,690	67,500	68,250	70,222	69,430	68,762	69,250
% RECYCLED		12.3%	14.8%	14.0%	14.4%	15.0%	15.3%	15.6%
Including tornado debris							15.90%	

TABLE IV - 1b

ANNUAL RECYCLING SUMMARIES - ALLEGANY COUNTY MARYLAND

	2000	2001	2002	2003	2004	2005	2006	2007	2008
TOTAL OF PROGRAM *									
DROP BOX/COMPOST SITE COST (a)	$180,517	$160,775	$167,839	$144,930	$141,628	$178,598	$221,299	$163,250	$182,466
RECYCLING REVENUES	$20,660	$11,953	$13,674	$18,714	$18,514	$16,736	$25,219	$32,823	$25,411
NET COUNTY COST	$159,857	$148,822	$154,165	$126,216	$123,114	$161,862	$196,080	$130,427	$157,055
RESIDENTIAL RECYCLING TONNAGE*	4,012	3,824	3,502	3,176	2,382	3,636	2,696	2,734	2,273
(glass, newspaper, aluminum cans,									
steel cans, magazines, phone books,									
white goods, compost, plastic) **$/TON**	$40	$39	$44	$40	$52	$45	$73	$48	$69
HOUSEHOLD HAZARDOUS WASTE **									
OPERATING COST	$9,300	N/A	$12,638	N/A	$12,230	N/A	$11,370	N/A	$13,490
REVENUES	0		0		0		0		0
NET COST	$9,300		$12,638		$12,230		$11,370		$13,490
TONS RECYCLED	3.95		5.15		4.90		4.52		5.34
$/TON	$2,354		$2,454		$2,496		$2,515		$2,526
TIRE DAY**									
MDE GRANT	0	N/A	$27,156	N/A	$27,475	N/A	$22,670	N/A	$26,604
ESTIMATED COUNTY LABOR COST	$3,500		$3,500		$3,500		$3,500		$3,500
REVENUES	$1,044		$0		0		0		0
NET COST	$2,456		$30,656		$30,975		$26,170		$30,104
TONS RECYCLCED	22.68		121.6		72.32		109.72		88.14
$/TON	$108		$252		$428		$239		$342
ELECTRONICS (E-CYCLING) DAY**			100%	26%	36%				
MDE GRANT			$6,000	$950	$1,375	$0	$0	$0	$0
COUNTY OPERATING COST	N/A	N/A	$1,000	$600	$2,944	$11,610	$4,147	$12,799	$11,010
REVENUES			-$354	-$181	-$535	-$4,564	-$774	-$3,707	-$3,026
NET COST			$6,646	$1,369	$3,784	$7,046	$3,373	$9,092	$7,984
TONS RECYCLED			17.61	7.12	14.67	29.41	8.78	53.38	39.02
$/TON			$377	$192	$258	$240	$384	$170	$205
MRA SUMMARY**									
MRA WASTE TONS	60,550	58,060	57,017	58,336	60,560	59,260	60,137	61,541	57,933
MRA RECYCLED	15,290	15,874	19,343	20,578	21,268	22,468	24,686	23,620	25,121
TOTAL MRA	75,838	73,934	76,360	78,914	81,828	81,728	84,823	85,161	83,054
% RECYCLED	21.16%	21.47%	25.33%	26.1	25.99	27.49	29.1	27.56	28.42
SOURCE REDUCTION CREDIT	N/A	2%	2%	3%	3%	2%	3%	3%	3%
COMBINED % RECYCLED	21.16%	23.47%	27.33%	29.10%	28.99%	29.49%	32.10%	30.56%	31.42%

* Fiscal Year

a)Actual Expenditures per Fiscal Year for County Finance Dept.

** Calandar Year

3/15/2010

Allegany County, with efforts coordinated by the County Recycling Coordinator, Solid Waste Management Board, and encouraged locally, should set its resource recovery programs on a dynamic course which recognizes and incorporates the following characteristics typical of programs with high recovery levels as identified by Beyond 40%: Record Setting Recycling and Composting Programs:

1. Comprehensive Composting Programs;
   a. Year-around collection of many types of yard material at curbside
   b. Incentives for landscapers to compost their yard material;

2. Mandatory Participation;

3. Recovery of materials from single- and multi-family households, and from commercial and institutional establishments (through both curbside and drop-off collection);

4. Targeting a wide range of materials for recovery;

5. Economic incentives for materials recovery:

   a. Volume-based refuse rates;
   b. Reduced tipping fees for recyclable or compostable materials at drop-off sites;
   c. Higher tipping fees for disposal of non-source separated refuse.

6. Weekly pick-up of materials at curbside;

7. Provision of adequate containers for setting out materials at curbside;

8. Education and publicity.

ASSESSMENT:

Recycling progress has been made in Allegany County with the County first reaching the mandated 15% goal in 1994 and progressing to >30% from 2006 to present. Additionally, the actual tonnage of recycled materials has increased. It should be noted that much of the recycling success has come from the commercial sector and efforts are needed to encourage greater residential recycling.

The 8-point executive summary taken from Beyond 40 Percent: Record Setting Recycling and Composting Programs, 1991 by the Institute for Local Self-Reliance has been available to the County with several strategies

(1, 4 and 8) being employed at increasing levels, with strategies 5 and 6 being researched and discussed and in the case of 6, being developed into a pilot program. Within all 8 strategies, there is much to be gained to help improve Allegany County's recycling efforts.

(d) Reuse Option

In November 2002, the County assembled a Reuse Directory (see Appendix G) in an effort to encourage reuse of materials as a solid waste management practice. The directory lists items which can be donated for reuse and contact information for agencies or businesses who will accept them.

Many municipalities within the county coordinate bulk trash pickups annually or biannually. These bulk pickups have become de facto reuse events as residents commonly scavenge for items with reuse potential. In addition, items with ferrous and non-ferrous metal content are commonly scavenged to be sold for scrap and only a portion of items set out for bulk pickup are ultimately landfilled.

ASSESSMENT:

Although creating a minor impact to date, the Reuse Directory is a good start in what is an essentially untapped solid waste management tool in Allegany County.

Bulk collection events are an effective indirect way of improving reuse. These events should be encouraged. If landfilling costs for these events are prohibitive, municipalities should coordinate and advertise dates for residents to set items out for scavenging and reuse.

(e) <u>Consumer Education, Market Development and County Recycling Coordination</u>

Public (individual, institutional, business, etc.) education programs should occur both on an outreach basis and at the request of Allegany County constituents. The County Recycling Coordinator and the Solid Waste Management Board members responsible for recycling should accomplish such public education programs. This outreach education should take many forms in order to reach all citizens of the County and its varied constituent forms.

Much emphasis will be placed on public education to convince all residents to rethink their purchasing habits, reduce purchasing of products and containers which are not made of recycled content or are not recyclable, and to reuse existing products. Special emphasis must be given to public education regarding source reduction purchasing principles. Appropriate selections from the

Resource List provided in Appendix C will support this goal.

The County Recycling Coordinator needs to maintain availability to the public for educational materials and catalogues for recycled products and as a referral source.

To facilitate the development of markets for recycled materials and products, thus increasing the demand for the collected recyclable materials, the County, through its Recycling Coordinator and SWM Board should develop and recommend to the County Commissioners a comprehensive procurement policy designed to support recycled materials and products markets. Additionally, outreach efforts should take place to educate the various County constituents (private, public, institutional, commercial) of the necessity for these purchasing practices to occur wherever possible. The County procurement and education programs should direct purchasing policies toward materials with high recyclable content.

A key to meeting these and other waste management hierarchy goals is the County Recycling Coordinator. The State's "Recycling Plan Guidelines" (page 6, #9) states:

> "In order to oversee the development of the County recycling plans and to assist in the implementation of the County recycling plan, the Department recommends that each County designate an official County Recycling Coordinator. This coordinator should serve as the principal contact for recycling information and should provide oversight for all County recycling activities. The County Recycling Coordinator should have clear responsibility for the County's recycling programs and should be included within the County agency responsible for solid waste management programs."

The Allegany County Recycling Coordinator is responsible for the following activities:

1. To advocate source recycling and closing the loop as a waste management strategy within the hierarchy of Reduce, Reuse, Recycle/Compost. Composting refers to both the County program and individual/institutional programs.

2. To work as the County's active employee on the Allegany County Solid Waste Management Board to complete its mission and goals. In this capacity, the Coordinator should attend all the Board meetings, be responsible for completing tasks, and report to the appropriate authorities.

3. To respond to the requests of County constituents

for information regarding local civic, municipal, institutional, and commercial efforts to source separate, recycle and close the loop. This may involve, but not be limited to, attending meetings, public speaking, providing printed/taped information, and making referrals.

4. To actively work with the County's public and private education systems to facilitate education of the Reduce, Reuse, Recycle/Compost philosophy and practice.

5. To research current recycling efforts within the County, which are not in the scope of the County's, own formal programs.

6. To promote market development of recycled materials through contact with suppliers, County procurement policies, and consumer education.

7. To represent the County before out-of-county and state-wide groups while working to strengthen the broader based recycling success.

8. To participate in continued education via printed materials, audio/visual materials, conferences, and other methods in order to maintain an updated information base and provide innovative strategies to the County.

9. To seek and apply for funds (grants, etc.) which would financially support recycling programs and education; and

10. To maintain a resource library to support public education.

ASSESSMENT: There is a need for increased consumer education, development of markets for recycled materials and products.

(f) Disposal of Asbestos

Asbestos is accepted by Mountainview Landfill, Inc. under regulations established by the Maryland Department of the Environment as specified in COMAR 26.11.15.04 and in conformance with Mountainview's approved operating procedures.

ASSESSMENT: Mountainview Landfill, Inc. has adequate capacity and facilities for the disposal of asbestos provided the disposal meets the applicable State regulations and is in conformance with Mountainview's operating procedures.

(g) Emergency Spill Response

The County-wide Hazardous Materials Plan, which was prepared pursuant to Superfund Amendment and Reauthorization Act, 1986 (SARA), Title III, was adopted on January 17, 1995.

Hazardous materials are defined as any material or substance that presents an unusual hazard to life, the environment or property when burned, spilled or otherwise released from its normal use, handling, storage or transportation environment.

For each incident where potential hazardous materials may be involved, the fire company responding calls a Hazardous Material Coordinator to provide support and technical assistance at the scene. If required, the Hazardous Incident Response Team will be called for decontamination and clean up.

ASSESSMENT: The County's plan which has been reviewed and approved by the various governmental agencies contains the appropriate procedures for analysis, containment, handling and disposal of any hazardous material in accordance with applicable regulations.

(h) Site Selection Regulations, Constraints and Assessment

The 2002 Update of the Allegany County Comprehensive Plan specifically addresses solid waste management in the Community Facilities section of the plan.

The amended Allegany County Zoning Ordinance adopted in 2002 allows landfills, solid waste transfer stations and solid waste processing/resource recovery facilities in the "I-Industrial District" by permit or in the "G-2 – General Urban District", "A-Agriculture" and "C-Conservation District", with Board of Appeals approval. See also chapter II-3(a).

In addition, landfills must be located at least 500 feet and transfer station and solid waste processing and resource recovery facility 300 feet from the nearest residence or "R" District Boundary.

Through the above constraints imposed by county regulations and recourse to the appropriate state agencies, Allegany County has a process for appropriate solid waste facility site selection, which necessarily includes consideration of the following criteria:

1. Land Use Plan

2. Zoning Regulations - Neighborhood Impacts

3. Size and Useful Life

4. Geology, Topography and Environmental Impacts

5. Hydrology

6. Water Purification and Access to Treatment

7. Transportation Costs

8. Infrastructure

9. Capital Requirements

ASSESSMENT: The County's Zoning Ordinance and Comprehensive Plan in combination with County and State regulations adequately provides a process for site selection of landfill and solid waste transfer, processing or resource recovery facilities in the County.

(i) Feasibility of Composting of Mixed Solid Wastes

As required by section 9-1703(b)7 of the Annotated Code of Maryland, the County Plan must address the feasibility of composting of mixed solid wastes. The following discussion is summarized from the Decision Maker's Guide to Solid Waste Management, Volume II produced by the US EPA (1995).

Composting is the aerobic biological decomposition of organic materials to produce a stable product. Up to 70% of MSW is organic material; 20% of MSW is yard waste. MSW may be composted as mixed waste (requiring separation and pre-processing of feedstock prior to composting) or as source separated material. Source separated programs offer several advantages over mixed MSW programs including: reduced handling time, less tipping space, and less pre-processing equipment; *mixed MSW composting offers fewer advantages over the long term* (USEPA, 1995, emphasis added). Source separated programs typically result in a higher quality finished product with reduced contamination however require separate collection and transport of organic materials.

The feasibility of mixed MSW composting in Allegany County Maryland is limited due to geographic, climatic, economic, and cultural obstacles. Geographic and economic obstacles include lower population density and lower population for which hauling costs for waste are proportionally higher and economies of scale in solid waste processing facilities are difficult to realize. In addition, lower population density reduces the relative cost of land for landfilling of wastes. These same obstacles have prevented the

implementation of curbside collection of recyclables – a program which would receive much greater public support and participation than curbside collection of organics.

Allegany County composts yard waste at the county Compost Site located on PPG road southeast of Cumberland and encourages backyard composting by residents.

ASSESSMENT: Composting of mixed MSW is determined to be infeasible at this time but will be re-examined periodically with future revisions to this plan.

CHAPTER V

PLAN OF ACTION

ALLEGANY COUNTY
SOLID WASTE MANAGEMENT PLAN
CHAPTER V

(1) and (2) PLAN OF ACTION

(a) Solid Waste Disposal System and Acceptance Facilities

1. Existing Solid Waste Disposal System - The existing solid waste disposal systems are described in Chapter III, Section (4) and are anticipated to remain in place, essentially unchanged through the end of the planning period (2020). Beginning in January 2007, Allegany County initiated the planning process to address future solid waste capacity 6 years prior to the expiration of the currently active landfill contract. After extensive analysis, public input and negotiations, Allegany County entered into a contract on December 18th, 2008 with Waste Management, Inc. to provide solid waste capacity at Mountainview landfill for County waste from February 2, 2013 to February 1st, 2033 (Appendix A).

2. Existing Solid Waste Acceptance Facilities - The existing solid waste acceptance facilities are described in Chapter III, Section (5) and are anticipated to safely and economically handle the County's defined solid waste stream throughout the ten-year planning period.

   In the early 2000's, the County was notified of an expression of interest from private sector firms to develop a land clearing landfill and a solid waste transfer station. These facilities are not seen as inconsistent with the Solid Waste Management Plan as long as County zoning ordinances are established to regulate their location and operation are adhered to, the constraints on such facilities as detailed in Chapter IV are satisfied and these facilities are constructed in accordance with all Local, State and Federal requirements.

   In 2009, Western Maryland Waste Systems, LLC was granted a permit from MDE to construct a solid waste transfer station in Allegany County.

3. Planned Solid Waste Acceptance Facilities -

NewPage (formerly Mead/Westvaco) Corporation - The NewPage Corporation has reportedly considered submitting a permit to construct a private industrial landfill for disposal of their waste in Garrett County, Maryland. To date, their application has been placed on inactive status by MDE. Should they reactivate that request, ultimately be issued a permit and construct the landfill, it is presumed their wastes would be removed from the Allegany County waste stream.

(b) Mechanisms for Managing Items in the Waste Stream

1. Residential (household, domestic) wastes - The current system for household waste management uses both curbside pick up and large drop box sites. Private companies, as well as municipalities, provide transportation to disposal sites. This system should continue to provide quality service into the future.

2. Commercial Waste - The primary system for the management of commercial waste utilizes the large dumpster-style containers. Companies providing this service are privately-owned and operated, and also provide the needed transportation to disposal sites as well as maintenance on the dumpster unit. Some commercial waste generators collect their own wastes (independent of any commercial waste disposal system) and transport directly to disposal facilities.

3. Industrial (non-hazardous) Solids, Liquid and Sludges - Industrial waste in Allegany County has steadily decreased since the 1970's with the loss of several large manufacturing companies.

    a. Solids - This section of solid waste management for industrial waste is very similar to that of commercial waste disposal listed above.

    b. Liquid - Liquid waste disposal for all of the areas' industrial waste generators have Maryland Department of the Environment approved waste facilities, with discharge permits to the Potomac River or an indirect

discharge through sewage treatment plants.

c. Sludge - The production of industrial sludge occurs primarily at one large plant located on the Potomac River at Westernport. This industry has utilized strip mines for its sludge disposal as part of the mine reclamation process. In the future, sludge wastes will leave the County to be used for mining reclamation activities.

d. NewPage Corporation, the County's largest manufacturing firm, has continued a concerted effort to further reduce the generation of wastes. Scrap metals, wood wastes, and other process wastes have been removed from their solid waste stream going to landfills and are being reprocessed or recycled. It is estimated this has reduced their flow of solid wastes to landfills by 60% since 1990.

4. Institutional (Schools, Hospitals, Government Buildings) Waste

a. Schools - All Allegany County schools, including Allegany College and Frostburg State University, utilize a similar solid waste collection process of that listed above in Section (1) and (2)b.2.-Commercial Waste. Schools do, however, generate hazardous waste normally in liquid forms from science laboratories which are handled separately. The procedure for handling this laboratory waste is to contract with an approved hazardous waste hauler. These materials are contained and stored under current Maryland Department of the Environment regulations within the school property. Frostburg State University and the University of Maryland Appalachian Environmental Laboratory each generate less than two gallons of liquid hazardous wastes annually, utilizing the services of licensed hazardous waste haulers for removal. Many schools have implemented basic recycling programs for as detailed in chapter IV section 4.b.4.

b. Hospitals

The Western Maryland Health System - Disposes of solid waste from its Western Maryland Regional Medical Center much the same as previously listed under commercial waste. The primary exception is the use of MDE approved contractors to dispose of red bag (biohazard) medical wastes.

c. Government Buildings - Numerous government buildings exist in Allegany County. Federal, State and local government buildings primarily use the same solid waste management as other commercial waste generators in the County. Some government buildings such as the County Office Complex and Allegany College offer multi-product recycling programs.

5. Land Clearing and Demolition Debris (Rubble) - The current mechanism for managing rubble in Allegany County is the use of a sanitary landfill disposal site. While the mechanism to handle demolition debris is adequate, development of a separate land clearing debris landfill is viewed as desirable.

6. Controlled Hazardous Substance (CHS) - Hazardous materials are generated at all levels including, but not limited to, residential, commercial and government agencies. Residential generators are exempt from most EPA and MDE regulations which allows for hazardous waste disposal at the current landfill disposal site. Commercial generators of hazardous wastes use private companies from Pittsburgh, Baltimore and Washington, D.C. to handle and haul for proper disposal. Government buildings follow similar mechanisms for disposal as that of commercial generators of CHS. In addition, as grant funding is available, the County coordinates Household Hazardous Waste Collections as discussed in chapter III section 7.

7. Dead Animals - Dead animals are primarily generated by the Allegany County Animal Shelter. The State, County and City roads departments also dispose animals killed on the road. Historically, animals from the animal shelter are frozen and picked up by a rendering company. However, plans for an animal

crematorium are being considered. Dead animals from the State and County roads are normally buried on various State and County right-of-ways. Dead animals from the Department of Natural Resources are placed in a deer pit located at the eastern end of the County. Dead animals from most of the veterinarians are picked up by pet cemeteries and are buried or incinerated.

8. Bulky or Special Wastes (Automobiles, large appliances, etc.) - Generally, large bulky materials like automobiles are not accepted at the landfill and are taken to an in-County scrap and salvage business (currently Allegany Scrap). The County Recycling Center accepts items such as appliances at a designated white goods drop-off location from which the appliances are hauled to a local scrap and salvage dealer (currently Allegany Scrap).

9. Scrap Tires - Scrap tires are accepted at various locations within the County for a fee and hauled to an out-of-County scrap tire disposal facility (chapter III, section 6.e). Additionally, MDE has issued permits to numerous tire collectors and transporters in Allegany County. Allegany County has participated with Maryland Department of the Environment and Maryland Environmental Service to implement very successful scrap tire collection days for County residents.

   As the continued availability of grant funding for scrap tire collection is questionable, County implementation of a fee-based annual or biennial scrap tire disposal day program is recommended.

10. Wastewater Treatment Plant Sludge - The two primary generators of municipal sludge in Allegany County are the City of Cumberland and the Allegany County Department of Public Works. The City of Cumberland is disposing activated sludge with the local agricultural community and at the landfill. Sludge is stored and applied to fields under Maryland Department of the Environment permits. Allegany County Department of Public Works disposes treatment plant sludge at the current landfill under MDE permits.

11. Septage – Septage is collected by private haulers and transported to wastewater treatment plants owned and operated by Allegany County and the City of Cumberland.

12. Construction Waste – Construction wastes, most notably wood waste, drywall, and shingles are currently landfilled. As motivated by LEED and interest in greener building techniques, the County should work with the waste industry and building industry to identify and pursue opportunities to collect and recycle these materials.

13. Other

    a. Oil – Numerous recycling collection facilities including the County Recycling Center and Mountainview Landfill accept waste oil for reclamation. Frostburg State University and several area service stations also accept waste motor oil. No system is in place for the disposal of oil filters other than disposal at the landfill.

    b. Antifreeze - Numerous recycling collection facilities including the County Recycling Center and Mountainview Landfill accept used ethylene glycol for reclamation. Stangle Service Building at Frostburg State University and at several area service stations accept this material as well.

    c. Capacitors - Contaminating devices once removed from old appliances are being disposed as a household hazardous waste and can be taken to the landfill.

    d. Household Hazardous Waste - The Allegany County Commissioners have conducted one-day household hazardous waste collections in 1994, 1995, 1996, 1998, 2000, 2002, 2004, 2006, and 2008. Wastes are collected, handled and disposed by a licensed company. This effort will continue on a biennial basis provided funding and public support remains available. Development of a publicly available brochure on proper disposal of Household Hazardous Waste should be considered.

e. Fluorescent Bulbs – Fluorescent bulbs have been collected in the past at household hazardous waste collection events. In 2011, our e-cycling contractor gained the ability to collect and process fluorescent bulbs; fluorescent bulbs and compact fluorescent bulbs (CFLs) will be collected from County residents at e-cycling events. In addition, at least one local retailer of CFLs (ex. Lowes, LaVale, MD) collects CFLs for recycling.

14. Recycling in the Public Schools

a. It is the responsibility of the Allegany County Commissioners (ACC) to ensure the implementation of the Public School Recycling Plan. The Allegany County Board of Education (ACBOE) and the Allegany College of Maryland Board of Trustees (ACMBOT) have the responsibility for developing and implementing recycling programs for their respective schools. Allegany County Department of Public Works (ACDPW) solid waste and recycling staff will provide technical support and guidance.

b. This plan is to be implemented in compliance with State law as of October 1, 2010.

Public School recycling plans must be completed and programs must be operational no later than October 1st, 2010. At the time of publication of this plan, all Allegany County Public Schools and Allegany College of Maryland are participating in recycling programs as described in chapter 4, (4) B. 4. Recycling in the Public Schools and summarized as follows.

1. Public School Recycling Program:
   a. Allegany County Public Schools:
      Due to current market and geographic limitations, there are no commercial haulers or processers available in the county for single stream recycling. To implement this plan, schools shall continue to collect and separate materials and transport them to the

County Recycling Center for processing and marketing. Materials that shall be collected in the public schools include cardboard, office paper, #1 plastics, phone books, fluorescent bulbs, ferrous and non-ferrous metals, and electronics. Collection is typically performed by custodial staff at each school with materials picked up weekly and transported to the County recycling center for processing and marketing. Materials to be collected under this program will be re-evaluated periodically to ensure practicality of the program with efforts made to expand the program to include additional materials as feasible.

b. Allegany College of Maryland:
To implement this plan, Allegany College will continue to collect and separate materials and transport them to the County recycling center or another collection site for processing and marketing. Materials that shall be collected include cardboard, office paper, and electronics. ACM is working with Allegany County to establish a County recycling collection site on its campus; this site will also serve as a collection point for materials generated on the campus including cans and #1 plastics. The target date to establish this collection site is June 1st, 2011. Materials to be collected under this program will be re-evaluated periodically to ensure practicality of the program with efforts made to expand the program to include additional materials as feasible.

2. Stakeholders include the ACC and ACDPW Solid Waste Staff, ACBOE Operations staff, Allegany College of Maryland (ACM) maintenance staff. ACDPW staff will provide technical support and guidance for the public school recycling program at the request of ACBOE and ACM. ACBOE and ACM staff will be responsible for the

provision of collection containers in the schools and the collection and transport of sorted materials to the County recycling center or other collection point.

3. Public Schools involved in the recycling program include the following. As new schools are constructed, they will be added to the public school recycling program within 30 days of the start of the first academic year that the facility is open to students.

   a. Elementary

      i. Beall, 3 East College Avenue, Frostburg, MD, 21532 301-689-3636

      ii. Bel Air, 14401 Barton Blvd, Cumberland, MD, 21502, 301-729-2992

      iii. Cash Valley, 10601 Cash Valley Road, LaVale, MD 21502, 301-724-6632

      iv. Cresaptown, 13202 Sixth Avenue, Cresaptown, MD 21502, 301-729-0212

      v. Flintstone, 22000 National Pike, NE, Flintstone, MD 21530, 301-478-2434

      vi. Frost, 260 Shaw St, Frostburg, MD, 21532, 301-689-5168

      vii. Georges Creek, 15600 Lower Georges Creek Road, Lonaconing, MD 21539, 301-463-6202

      viii. John Humbird, 120 East Mary Street, Cumberland, MD, 21502, 301-724-8842

      ix. Mount Savage, 13201 New School Road, Mount Savage, MD, 21545, 301-264-3220

      x. Northeast, 11001 Forest Avenue, Cumberland, MD 21502, 301-724-3285

      xi. Parkside, 50 Parkside Boulevard, LaVale, MD 21502, 301-729-0085

      xii. South Penn, 500 East Second Street, Cumberland, MD, 21502, 301-777-1755

      xiii. West Side, 425 Paca Street, Cumberland, MD, 21502, 301-724-0340

      xiv. Westernport, 172 Church Street, Westernport, MD 21562, 301-359-0511

   b. Middle

      i. Braddock, 909 Holland Street,

Cumberland, MD, 21502, 301-777-7990

ii. Mount Savage,
13201 New School Road,
Mount Savage, MD, 21545,
301-264-3220

iii. Washington,
200 N. Massachusetts Avenue,
Cumberland, MD, 21502, 301-777-5360

iv. Westmar,
16915 Lower Georges Creek Road,
Lonaconing, MD 21539,
301-463-5751

c. High

i. Allegany, 616 Sedgwick Street,
Cumberland, MD 21502, 301-777-8110

ii. Fort Hill, 500 Greenway Ave,
Cumberland, MD 21502, 301-777-2570

iii. Mountain Ridge,
100 Dr. Nancy S. Grasmick Lane,
Frostburg, MD, 21532, 301-689-3377

iv. Center for Career and Technical Education,
142111 McMullen Highway,
Cresaptown, MD 21502, 301-729-6486

d. Other

i. Eckhart Alternative,
17000 National Highway SW,
Frostburg, MD 21532, 301-689-3483

e. College

i. Allegany College of Maryland,
12401 Willowbrook Road SE,
Cumberland, MD 21502, 301-784-5000

4. Program implementation schedule:
Allegany County Public Schools operations staff and ACM staff currently collect and transport materials to the County recycling center on a weekly basis or as needed. This method of collection will continue at the current frequency after October 1st, 2010.

5. Program monitoring and contingencies:
ACBOE and ACM shall report annually, by March 1st each calendar year, the types and amounts of materials collected at each school during

the previous calendar year to the ACDPW recycling coordinator. Following this report and at minimum annually, ACDPW solid waste and recycling staff will meet with ACBOE facilities staff and ACM staff to discuss the state of the public school recycling program. If public schools are determined to be out of compliance with the public school recycling plan, ACDPW solid waste staff will notify, within 30 days of the determination, the schools of non-compliance issues and recommended solutions. The school will then have 30 days to respond and implement corrections to the identified non-compliance issues.

(c) Sizing, Staging and Capacity of Solid Waste Facilities

1. Landfill - The original Phase III permit area for the Mountainview Landfill was based on a 39.9 acre footprint. The total site area of 500 acres would provide additional future capacity.

   A revised useable life projection based on tonnages generated to date, future tonnages at 125,000 - 135,000 per year (Appendix A), increased net air space capacity due to improved compaction methods and a redesigned footprint that improved use of the permitted acreage now through the year 2016. The source of this projection is from data generated for Mountainview Landfill's 2008 Annual Operating Report to MDE and discussion with the Landfill Operator. Under the current contract between the County and Mountainview Landfill, Inc., Mountainview will pursue expansion of the current landfill which would result in adequate disposal capacity throughout the contract period (2013-2033).

   A wide range of County operated recycling services are available at the landfill, including cardboard collection, newspaper, magazines and office paper, waste oil and antifreeze collection, #1 and #2 plastics, cans and glass. Mountainview Landfill should be adequate for County needs for the duration of the planning period. Further long-term development of disposal capacity at Mountainview

Landfill property should receive thorough consideration as an alternative to developing a new landfill site in the County.

2. Green Box Sites - The system for disposal of solid waste in the outlying areas of the County is adequate. The facilities are manned and fenced, and recycling is available at these sites.

3. Waste Oil Disposal Sites - There are currently five sites in Allegany County where the public may take their used oil in addition to several area service stations and auto parts retailers. These collection sites are adequate for the County's needs.

4. Recycling - Allegany County is recycling 30%+ of the total waste stream via the following MRA eligible recycling activities:

   a. Household Recyclables - Drop boxes located throughout the County should be adequate to handle the collection needs for recyclables (cans, glass bottles and newspapers) during the planning period with the addition of new boxes and sites as the need requires. A reorganization of recycling sites is recommended to collect a more comprehensive suite of materials at each site, better secure sites to minimize contamination, and maximize availability and participation.

   b. Yard Material Compost - The County is operating a yard material acceptance facility on County Property in Mexico Farms. Based on the success at this site and demand in other parts of the County, the establishment of a satellite composting site in the western end of the county should be pursued. In addition, backyard composting should be encouraged with education and outreach.

   c. Commercial Recycling - Eighty percent of the County's recycling tonnage is generated by the commercial sector from recycled paper, cardboard, batteries, textiles, renderings, residuals and metals. This area presents the greatest potential for increasing recycling

tonnages and should be expanded. Allegany County should provide incentive for commercial recycling through the establishment of a green business designation or by publicizing the recycling rates of businesses as reported in annual MRA surveys.

c. Other Programs - The County collects used cardboard and office paper for recycling at the County recycling center and various collection sites. Continued expansion of this program and establishment of satellite collection sites should be considered.

(5) Rubble Fill - Mountainview Landfill accepts rubble and demolition wastes. Since rubble tonnage is included with the various wastes listed on Table III-I LANDFILL WASTE STREAM PROJECTIONS BY TYPE, Mountainview Landfill should be adequate for the County's rubble disposal needs.

The types of wastes which may be disposed at a rubble landfill site are: trees, land clearing, and demolition debris that is not a controlled hazardous substance as defined by the Annotated Code of Maryland.

(6) Household Hazardous Waste - No permanent facilities exist for the collection or storage of household hazardous waste. In 1994, the County initiated an annual household hazardous waste (HHW) collection day. A continuation of the HHW collection day on a biennial basis is considered adequate.

(7) Residential Red Bag Wastes - No adequate facilities or procedures exist for effectively controlling the disposal of residential red bag medical wastes. These wastes which can include needles, bandages and body fluids, are being discarded with regular household refuse, and can pose a threat to refuse collection and landfill operations personnel.

The disposal of residential red bag waste generated in Allegany County is not covered by any special management program. Health care providers are educating their patients as to the proper disposal of residential red bag wastes.

(d) Schedule for Placing New Solid Waste Disposal Systems and Acceptance Facilities Into Operation

In issuing a permit for the 39.9 acre Mountainview Landfill site at Vale Summit in February 1992, the Maryland Department of the Environment has made a determination that the Mountainview Landfill complies with pertinent Federal and State laws regulating municipal waste sanitary landfills. Its permitted capacity meets Allegany County's needs through the year 2016. In addition, expansion of the current landfill, as discussed in the contract between Allegany County and Mountainview Landfill, Inc. (Appendix A) would provide adequate disposal capacity throughout the planning period.

Therefore, with the possible exception of development of a land clearing landfill or a solid waste transfer station, it is not envisioned that any new solid waste disposal systems or acceptance facilities will be placed into operation during the ten-year planning period covered by this current plan.

(e) Financing Solid Waste Systems

Since the Mountainview Landfill is a privatized facility, Allegany County is not responsible for the cost of its design, construction, operation, closure or post-closure. Similarly, since most trash collection in the unincorporated areas of the County is contracted on a subscription basis with private firms, the County is not responsible for these costs. Municipalities either provide collection service, contract for their residents or require the residents to contract privately, with no-cost responsibility to County government. While the County is relieved of the above solid waste financial burdens, there are still elements of the solid waste system for which the County is responsible. A brief discussion of each follows:

1. Green Box Refuse Disposal Sites - In February, 1998, the County implemented a tag program for use at their four refuse disposal facilities. A $0.50 fee is currently charged for a normal trash bag or can, and additional fees have been established for bulky items.

   In Fiscal Year 2009, the tag system generated $135,080 (33%) toward offsetting a $412,398 cost of providing the green box service to collect and dispose approximately 4000 tons of solid waste per year. Increases in the tag fee to more equitably offset costs are recommended.

2. Recycling - Since 1992, the County has assessed a $1.00 per ton surcharge fee on all County trash disposed in the landfill to help offset the cost of its recycling efforts. In January 2000, that fee was increased to $1.50 per ton. During FY 2009, the $1.50 per ton fee raised $73,916 per year, as compared to the County's current FY 2009 recycling budget of $166,837.

   It is recommended a thorough cost analysis be completed to determine the most cost-effective use of recycling funds. Additionally, in the expectation that additional solid waste acceptance facilities could develop in the County in the future, it is deemed necessary for the County Commissioners to enact legislation requiring collection of a recycling fee on all non-recyclable, disposal bound wastes generated in Allegany County, regardless of the location of the facility in which it is ultimately disposed. It is further recommended beginning in 2013, the "host fee" that will be collected by Allegany County on out of County waste landfilled at Mountainview Landfill be applied to the County's recycling program. To the extent practical, the cost of the County's recycling program should be offset by a combination of fees and recycled product revenues.

3. Yard Material Compost Site - The County operates a yard material compost recycling site. Diverting yard material from the landfill conserves valuable landfill air space and in turn will extend the available life of the landfill. At nearly $50,000 per year, expenditure on its operation is significant. The sale of compost is a possible source of revenue to offset this cost. However, the liability for quality and administrative issues associated with sale of compost to the public would result in increased processing costs. Some compost has been sold to a commercial mulch operation who further processes and packages the compost for sale, with no liability to the County. Therefore, the sale of compost is only recommended to commercial processors. County residents can continue to pick-up compost at the site for no cost.

4. Closure costs - The County is responsible for closure costs at the Vale Summit (Cabin Run) Landfill and Westernport (Moran) Landfill.

   The Vale Summit Landfill was closed with placement of a synthetic cap in 1994 at a cost of $1,150,000. Funds for this work were paid from the County's 1981 and 1988 Public Improvement Bonds and other County funds.

   The Westernport Landfill was closed with placement of a synthetic cap in 2004. The cost of that project was $946,000. Of that total, $216,000 was funded by MDE as part of a scrap tire drainage system demonstration grant. The remaining $730,000 was borrowed with a 20-year State Revolving Fund loan which will be paid back from the County general fund.

   After the existing landfills are adequately closed, the County is still responsible for the costs of groundwater monitoring activities which currently total $15,000 per year. It is expected these costs will be included in the Solid Waste budget from general County funds.

5. On October 9, 1991, the U.S. Environmental Protection Agency (EPA) issued its rule, "Solid Waste Disposal Facility Criteria" (40 Code of Federal Regulations [C.F.R.] Parts 257 and 258) as provided for under the Resource Conservation and Recovery Act, Subtitle D. This EPA rule establishes municipal solid waste landfill (MSWLF) closure requirements for all MSWLFs that accept solid waste after October 1, 1991. Financial assurance requirements apply to MSWLFs that receive solid waste after October 9, 1993.

   These rules currently do not apply to the County because it's neither an owner nor operator of a municipal solid waste landfill. In the event the County should choose to operate a municipal landfill, the County would assume a significant financial burden in complying with the rule.

(f) Closure of Solid Waste Acceptance Facilities

Allegany County's sanitary landfills ceased receiving

wastes on February 3, 1992. Those landfill sites must proceed through a closure procedure in accordance with COMAR 26.04.07.21 and EPA Subtitle D.

The EPA Subtitle D regulations require post-closure groundwater monitoring for a 30-year period.

Although the COMAR regulations require that closure efforts begin within twenty-four (24) months of the landfill's last acceptance of waste, Allegany County's efforts lagged behind this requirement.

As discussed in Chapter III, Section (5)(f), in Summer 1994, Allegany County installed an MDE approved synthetic cap on the Vale Summit Landfill. In Summer 1993, a fly ash and earthen cap was placed over the Westernport Landfill with a final synthetic cap placed in 2004.

A consultant was hired to investigate the suitability of the Westernport Landfill cap to meet the COMAR regulations and develop a groundwater monitoring plan for both landfills which meets the Subtitle D regulations. Groundwater monitoring wells are in place and routine semi-annual sampling is on-going, with results being submitted to MDE for review.

(g) Changes in Programs, Plans, Regulations, and Procedures (based on the assessment conducted in Chapter IV).

This section has been organized according to the municipal solid waste management hierarchy of Reduce/Reuse/Recycle/Compost/Landfill as adopted in Chapter IV. Segments for "Education" and "Finance" have been added to this list.

1. Solid Waste Management Board

   On December 19, 1996, the Allegany County Commissioners formed the Allegany County Solid Waste Management (SWM) Board to serve as an advisory body on matters pertaining to solid waste disposal and recycling, and to prepare updates of the County’s Solid Waste Management Plan.

   The SWM Board operates under the By-Laws which were approved and have been subsequently amended by the County Commissioners. A copy of the current By-Laws is included in Appendix D of this Plan. It is

recommended the By-Laws continue to be revised and amended as needed.

It is recommended in its deliberations, the SWM Board remain committed to the Reduce/Reuse/Recycle/ Compost/Landfill hierarchy of solid waste management.

2. Reduce

   a. Encourage municipalities and other solid waste handlers to develop and implement variable rate pricing systems (aka. Pay as You Throw, PAYT) as financial incentives to those residents who reduce, reuse, recycle, and compost. Paying for solid waste collection based upon the weight or volume has proven successful in reducing the tonnage going to landfills and the dollar cost of tipping fees.

   b. The County should encourage variable rate pricing through education of the general public and, more specifically, the municipal, financial and public works officials who oversee the local programs. Sponsoring outside speakers representing successful programs, dissemination of information/ articles, and regular meetings of County and local officials are suggested.

   c. Encourage municipalities to annually evaluate cost effectiveness of waste disposal methods as compared to recycling.

   d. In 1994, the State of Maryland banned yard waste from being disposed at landfills. As a source reduction technique, yard material should be diverted from the general waste stream and its disposal discouraged at the landfill. Yard waste can be diverted from the general waste stream by: a) composting at the source in simple composting devices or b) delivery to the County-operated composting facility. (See Chapter III, Section (6)(c) and Chapter IV, Section (4)(b)).

3. Reuse

This is an educational issue and is addressed in Chapter V (1) and (2)(g)7.-Education.

4. Recycle

   a. In 1991, the County compost site was established as Allegany County's first recycling priority (Phase I). It has become an essential part of the County's yard waste recycling program as per Chapter V(1) and (2)(g)5.-Compost.

   b. A County-wide drop box program for household recyclables (bimetal cans, clear, brown and green glass bottles, cardboard, magazines, office paper and newspapers) was implemented under Phase II. However, to date, it is estimated less than 20% of household waste is collected through the drop box program. Additional study should be given to this concept to develop more efficient and effective ways to collect household recyclables. Collection of other materials should be considered as it becomes economically feasible.

      The County drop box program needs continual public education as per Chapter V(1) and (2)(g)7.-Education.

   c. Curbside collection of household recyclables was recommended as Phase III, but due to operational and institutional barriers, has not yet been widely implemented. Frostburg currently collects newspapers at curbside one day per month. Unfortunately, Cumberland's pilot curbside newspaper project met with less than 15% participation within its target areas. On-going consideration should be given to curbside recycling especially by municipalities and solid waste handlers who offer curbside trash collection. Collectors and haulers should be encouraged to provide recycling services.

   d. A centralized cardboard recycling program was opened to the public in 1995. The collection

of cardboard, magazines, office paper, and other paper products has been minimally decentralized through the development of satellite collection sites. Although a pilot project by the City of Cumberland to pick-up commercially generated cardboard met with minimal success, other potential County/municipal and public/private partnerships with additional decentralization should be explored.

e. Commercial and institutional generators currently account for about 80% of the County's recycling effort. However, since a much greater percentage of commercial waste is potentially recyclable, continual education of this sector as to current methods in industry and business waste collection and recycling is needed.

f. The County should consider establishing a regular non-commercial fee-based scrap tire collection program and encourage municipalities to organize clean-up projects.

g. Recycling in the public schools is currently coordinated by staff who collect materials and transport them to the County Recycling Center for processing. Opportunity exists to expand the number of schools involved and the types of materials collected. As these programs expand, it would be worthwhile for ACPS and ACM to investigate the feasibility and economics of contracting some of these efforts as opposed to performing them with staff.

5. Compost

a. Foster an increase in backyard composting through a combination of public education and demonstration projects in cooperation with County Extension Agencies, Soil Conservation District, area garden clubs, County schools and their student environmental clubs.

While the County Compost Site in Mexico Farms is a well known and successful site, consideration should be given to the

development of satellite sites to increase County-wide participation.

6. Landfill

a. Future Siting of Sanitary Landfills
As outlined in Chapter IV, "Assessment of Needs", the present 39.9 acre permitted Mountainview Landfill, which is located within a total tract of approximately 500 acres, has a projected life until well into the year 2016. Based on preliminary permit work and extensive evaluation, Mountainview Landfill, Inc. believes additional landfill acreage can be developed within the remainder of the 500 acre tract. As development of this additional acreage would preclude the need to site any additional landfill(s) and allow for extended disposal capacity well into the twenty-first century, it is recommended expansion of this landfill be thoroughly and seriously considered.

In 2007, Allegany County Department of Public Works prepared an Analysis of Future Solid Waste Disposal Options for Allegany County, MD for public review. This report compared alternatives of expanding the existing landfill, constructing a new landfill or constructing a solid waste transfer station to manage waste after the expiration of the current landfill contract (2013). This report concluded that it would be in the County's best interest to pursue expansion of the existing landfill. Allegany County therefore negotiated a new contract with Waste Management for the period 2013-2033 (Appendix A) to expand the existing landfill. This proposed expansion will adequately serve the County's needs through the planning period.

7. Education

Methods to educate the public concerning municipal solid waste and the Reduce/Reuse/Recycle/Compost hierarchy need to be continually updated.

a. Channels/venues for this public education

include:

i. Public and private schools in Allegany County, such as the telephone book recycling contests and Green Team presentations. Other successful school-based activities since 2000 have included:

   (a) Magic of Recycling stage show.

   (b) Distribution of solid waste videos and teacher recycling kits.

   (c) County recycling logo contest.

ii. The Allegany County Recycling web page: www.gov.allconet.org/recycle

iii. "Recycling in Allegany County" information section in the local telephone directory.

iv. Expand County Recycling Newsletter and add informational brochures on subjects such as Household Hazardous Waste disposal.

v. "Positive Publicity" such as Annual Recycling Awards (businesses, groups, individuals), News Profiles of Public Programs (e.g., Martin's Food Market's $.03/reused bag and GO 106' Radio Station's public education recycling campaign), and Private Programs (e.g., Wal-Mart and other markets plastic bag collections), and Frostburg Village Nursing Home's switch to reusable table service in the dining hall and Green Team impact).

vi. The media in general, including regular recycling columns in the local newspaper and programs such as Newspaper in Education.

vii. Presentations and displays for area organizations and at community functions

such as

(a) Leadership Allegany!

(b) Allegany County Fair

(c) Earth Day and America Recycles Day celebrations

(d) Larger festivals and events

viii. Other forms of outreach include past efforts to distribute:

(a) mass mailings of Source Reduction tips

(b) recycling based placemats for restaurants

(c) recycling bumper stickers on County vehicles

(d) information to university students via Frostburg State University's Channel 3 TV Station

b. The following issues are worthy of public education efforts:

i. Waste stream components

ii. Reduce/Reuse/Recycle/Compost/ Landfill hierarchy

iii. Buy Recycled

iv. Precycling

v. Closing the Loop

vi. "Pre-" vs. "Post Consumer" Content

vii. "Durable" vs. "Disposable" Purchasing

viii. Backyard Composting

ix. Variable Rate Pricing vs. Flat Fee

Rates

x. Life Cycle Analysis of Products

xi. Allegany County’s Reuse Directory

xii. Allegany County Source Reduction Fact Sheet

c. In order to facilitate development of a regional perspective of solid waste management, we should encourage exchange of County Solid Waste Management Plans information, ideas and experiences with Washington and Garrett counties in Maryland and the appropriate contiguous waste management jurisdictions in Pennsylvania and West Virginia.

d. The Solid Waste Management Board should work with other groups (such as Living Green, Learning Green, LGLG, at Frostburg State University and TGCC, The Greater Cumberland Committee) to promote events and projects that work towards the County’s goals of reduce, reuse, recycle, and compost.

(8) Finance

The County should implement waste disposal fees to fully fund the County's Recycling and Composting programs as stated earlier in Chapter V (e)2.

(h) Recommended Regulatory/Legislative Changes

1. A program to control illegal dumping should include the following elements:

a. Education - An educational period, during March/April leading up to Earth Day, should be provided by Allegany County Health Department, Soil Conservation District, Allegany County Board of Education, and municipalities within Allegany County.

b. Enforcement - The Litter Control Law, Article 27,

Section 468, in the Annotated Code of Maryland (See Appendix E) outlines the penalties for littering, illegal dumping, unlawful use of private dumpsters, and illegal use of curbside pickup. This is to be enforced by the County Health Department, State Police, Sheriff Department, Bureau of Police, Department of Natural Resources, City of Cumberland Police, and City of Frostburg Police in conjunction with the State's Attorney.

It is recommended that there be one enforcement person within the County who is responsible for all complaints.

The County has purchased a Groundhog camouflaged surveillance camera system to monitor illegal dumping. Efforts to prosecute illegal dumpers have not been successful, but the equipment has been upgraded and the effort should not be abandoned.

c. Funding - Judges should be encouraged to levy fines for violation of the Litter Control Law as proceeds are disbursed back to local jurisdictions to defray the cost of removing and controlling litter. Regardless of the punishment assessed following the arrest and conviction for littering, illegal dumping, unlawful use of private dumpsters, or illegal use of curbside pickup, it is recommended that the case be publicized in order to discourage others from the same action.

2. Local, state and federal initiatives that are necessary to reduce the solid waste stream through recycling and to improve markets for recycled materials.

   a. A job description for the County Recycling Coordinator has been developed and should be kept current. It is recommended this continue to be funded as a full-time position.

   b. Appropriate officials are urged to work with elected representatives and the Maryland Department of the Environment to enact legislation which will increase markets for post-consumer materials.

   c. Construction of incinerators for disposal of municipal solid waste should not receive support from the County in the permitting process. (See

Chapter IV, Section (4) (a))

d. Encourage and support the local health care providers in developing effective programs for the proper, safe packaging and disposal of residential red bag medical wastes to protect both the environment and solid waste industry employees.

3. County ordinance and procedures should be adopted or modified as recommended below to address problems and expected changes in the solid waste disposal area.

a. Adopt formal language in the County Zoning Ordinance pertinent to establishment of a "Construction Site Waste Management Statement" for the approval and issuance of permits for Commercial, Industrial, Institutional and Multi-Family Development to:

i. Ensure that waste generated during construction will be processed and/or managed in a manner that will protect the ambient air, surface water, groundwater, drainageways and soil quality, and to minimize on-site and off-site pollution.
ii. Ensure compliance with the Allegany County Solid Waste Management Plan and all local, state and federal regulations and laws.

iii. Continue the County's effort to encourage recycling of applicable materials (solid or liquid) in the private, commercial, institutional and/or industrial sector.
iv. Reduce the quantity of waste generated within the County.

b. Adopt formal language in the County Zoning Ordinance pertinent to storage and collection of refuse such that:

i. No materials or wastes should be deposited in such form or manner that these materials or wastes may be transferred off the lot by natural causes or forces.
ii. No substance which may contaminate a stream or waterway, or render such a stream or watercourse undesirable as a water supply or

for recreation, or which will destroy aquatic life is permitted to enter said stream or waterway.

iii. Any materials which may cause odors or contribute to the attraction or harborage of animals, rodents or insects should be stored in enclosed containers, or removed immediately from the property and deposited in refuse container designed for the intended purpose.

4. Local laws or regulations pertaining to the collection and disposal of solid waste should be established as recommended below:

   a. Recycling fees should be required to be collected on all non-recyclable, disposal bound waste generated in Allegany County regardless of the location of the facility for ultimate disposal.

   b. A licensing procedure should be implemented for all collectors/haulers of commercial and municipal solid waste and recyclables in Allegany County. This licensing procedure, necessary for the County to accomplish the fee collection in paragraph a. above should set forth minimum qualifications. (See Appendix H for a conceptual outline of a recommended licensing program.)

(i) Recommended Organizational/Programmatic Changes and Considerations

1. Continued assignment of a qualified individual to monitor the operation of the Mountainview Landfill and the closure and post-closure of existing landfills. This individual should have basic training and experience in the operation of solid waste facilities and be kept abreast of technological and regulatory changes by attending available schooling opportunities.

   In addition to landfill operation, this individual should be knowledgeable and involved in the County's recycling, composting and waste collection programs in general.

2. Perform a critical review/audit of the County’s recycling program operations and costs including consideration of the following programmatic changes:

a. Addition of satellite compost sites
b. Development of commercial cardboard collection mechanism
c. Development of up-to-date literature on disposal of household hazardous waste
d. Implementation of an annual or biennial "for fee" scrap tire collection program
e. Collection of additional recyclables as operations and costs permit.
f. Development of direct markets for recyclables either singularly or in conjunction with other jurisdictions.
g. Development of regular e-cycling collection days.

Appendix A:

Contracts

AGREEMENT

THIS AGREEMENT, made and entered into as of the 16th day of November, 1987, by and between CHAMBERS OF MARYLAND, INC., a Maryland corporation ("Chambers") and THE BOARD OF COUNTY COMMISSIONERS OF ALLEGANY COUNTY, MARYLAND, a body politic (the "County").

WHEREAS, the County is in need of a disposal facility for nonhazardous waste generated by County residents and businesses; and

WHEREAS, the County is under a consent order to provide a site by July 1, 1988 for a disposal facility to supplant the existing county site; and

WHEREAS, Chambers and its affiliates have extensive experience in the design, construction and operation of environmentally sound sanitary landfills; and

WHEREAS, the County, through an appointed landfill committee and through the County Commissioners, has selected Chambers to develop a landfill from among four competing proposals; and

WHEREAS, the County has requested that Chambers construct and operate a sanitary landfill on property situated in the County and owned by Chambers; and

WHEREAS, Chambers wishes to construct and operate such a sanitary landfill for disposal of nonhazardous waste.

NOW THEREFORE, in consideration of the foregoing premises, and for other good and valuable consideration, the parties hereto, intending to be legally bound, agree as follows:

1. Construction of Site. Chambers shall use its best efforts, at its own cost, to engineer and construct a sanitary landfill (the "Landfill")

within the County, and take all steps necessary or advisable in order to secure all permits or other governmental authorizations necessary to operate the Landfill in accordance in all material respects with all standards imposed by any federal, state or local authorities.

In the event that Chambers is unsuccessful, despite its best efforts as aforesaid, in obtaining all necessary permits and zoning approvals to operate the Landfill on the site selected by Chambers and determines in its reasonable opinion that appeals or further appeals will not be successful, Chambers shall have the option of selecting another site or sites or of terminating this Agreement without any further obligation to the County, upon written notice to the County of Chambers' decision. If Chambers terminates this Agreement pursuant to this paragraph, neither party will have any further obligation hereunder to the other.

2. Authority; Designation of Landfill. The County represents that it has the authority to enter into this Agreement and that it has obtained all necessary approvals of this Agreement under all applicable laws, regulations, ordinances and resolutions, including any public notice or hearing procedures which may be applicable, and agrees that it will designate the Landfill in its solid waste plan as a sanitary landfill permitted in the County. The County shall not take any actions during the term of this Agreement that would adversely affect Chambers' rights hereunder or ability to perform hereunder.

3. Disposal Capacity. Chambers agrees that during the term of this Agreement it will make available sufficient space in the Landfill for the disposal of all nonhazardous solid waste generated by residents and commercial establishments located within the County which can be disposed of at the Landfill consistent with all applicable environmental laws, regulations and permits ("Acceptable County Waste").

4. Disposal Costs. (a) At initial landfill startup, disposal fees charged by Chambers at the Landfill to residents and commercial establishments within the County for all Acceptable County Waste shall be determined by Chambers following consultation with the County (but shall not be less than

$15.00 per ton nor more than $30.00 per ton). Residual and special wastes approved for disposal at the Landfill by the Maryland Department of Health and Mental Hygiene shall be disposed of at fees to be negotiated by Chambers and the generator. During the term of this Agreement, Chambers may increase the disposal fees charged at the Landfill for Acceptable County Waste by amounts equal to annual increases in: (i) the percentage increases in the Consumer Price Index - All Urban Consumers or replacement index; (ii) increased costs of insurance maintained by Chambers with respect to the Landfill; (iii) increased costs of fuel; and (iv) increased costs of operation of the Landfill attributable to changes in applicable laws, regulations or ordinances, or the interpretation thereof, by any government, governmental agency or court. Chambers shall provide the County with a monthly accounting of the County-resident generated disposal volume and total volume of waste disposed of at the Landfill, within five (5) days after the end of each calendar month.

(b) Individual residents disposing of three bags of Acceptable County Waste or less at the Landfill shall be permitted to dispose at no charge at the gate house. Chambers will provide the County, within five (5) days after the end of each calendar month, with a summary of the total weight and volume of such disposal during such month, and the County shall pay Chambers for such disposal within twenty (20) days after the end of such month at the rate established under Paragraph 4(a).

(c) Additionally, within twenty (20) days after the end of any calendar month during which Chambers has accepted less than 5,833 tons of Acceptable County Waste and less than 8,333 tons of waste from all sources (including Acceptable County Waste), the County shall pay to Chambers an amount equal to the average applicable disposal price during such month times the shortfall of Acceptable County Waste below 5,833 tons.

Amend 4-1991

(d) At the end of each Contract Year of this Agreement, an adjustment shall be made to the disposal fees paid by the County. Such adjustment shall be calculated as follows:

(i) If the total Acceptable County Waste disposed of at the Landfill during the year exceeds 70,000 tons, then any amounts paid by the County during such year under subparagraph (c) above shall be refunded.

(ii) If the total waste disposed of at the Landfill from all sources during the year exceeds 100,000 tons, then any amounts paid by the County during such year under subparagraph (c) above shall be refunded.

(iii) If neither condition (i) or (ii) is met, then the County shall be obligated to pay to Chambers for such year an amount equal to the average applicable disposal fee during such year times the lesser of (x) 70,000 minus the tons of Acceptable County Waste disposed of at the Landfill during the year, or (y) 100,000 minus the tons of all waste disposed of at the Landfill during the year. The County shall pay to Chambers, or Chambers shall pay to the County, as the case may be, an amount necessary to bring the total County payment for the year to such amount.

5. Term of Agreement. This Agreement shall be effective on the date hereof and shall continue for a period ending twenty (20) years from the first delivery of Acceptable County Waste to the Landfill. Each such year, commencing with the date of first delivery or the anniversary thereof, shall be referred to as a Contract Year.

6. Nonexclusivity. The parties acknowledge that Chambers shall have the right to accept waste at the Landfill which has been generated by entities or persons residing outside of the County provided that the total of all waste disposed of in each Contract Year of this Agreement, including Acceptable County Waste, shall not exceed 125,000 tons, except as provided in Paragraph 7 hereof.

7. Backup Facilities. Notwithstanding the limitation imposed by Paragraph 6 hereof, the parties agree that the Landfill may be used as a backup facility for landfills operated by Chambers' affiliates, and Chambers shall arrange for the use of such other facilities as backups for the Landfill. In the event of a Force Majeure condition affecting the Landfill or the ability of the County to deliver waste to, or Chambers to accept waste at, the Landfill, or if continued acceptance of an existing waste stream would result in a violation of an environmental law, regulation or ordinance, Chambers shall make arrangements to dispose of Acceptable County Waste at sites operated by its affiliates, with the cost of transportation from the Landfill to the backup facilities borne by the County. In the event of a Force Majeure condition affecting landfills operated by Chambers' affiliates, or if continued acceptance of an existing waste stream would result in a violation of an environmental law, regulation or ordinance, Chambers shall have the right to dispose of at the Landfill waste which otherwise would have been disposed of at such other facilities, with the cost of transportation from such other facilities to the Landfill being borne by Chambers. The County may use such other facilities as a backup, and Chambers may use the Landfill as a backup, each for an aggregate period not to exceed twelve (12) months during any forty-eight (48) month period; provided, however, that backup use of the Landfill will not be permitted if it would reduce the remaining capacity of the Landfill to less than that amount needed to accept 100,000 tons per year of Acceptable County Waste for the remaining term of this Agreement.

8. Operating Rules. Chambers reserves the right to make, amend and enforce reasonable rules and regulations concerning the operation of the Landfill, the conduct of the drivers and others on the Landfill premises, and any other matters necessary or desirable for the safe, legal and efficient operation of the Landfill. Chambers shall have the right to refuse to accept any waste which does not conform to any applicable law, regulation, rule or permit condition, or that is hazardous or toxic, even if only a part of the waste load is nonconforming. In the event that Chambers detects unacceptable waste at the Landfill, the party delivering such waste shall be responsible for its removal. Chambers shall have the right to refuse to accept waste

delivered by parties who knowingly or repeatedly violate the Landfill operating rules.

9. Purchase by County. If at any time Chambers desires to sell the Landfill or the property upon which the landfill may be constructed, the County shall have the right of first refusal to purchase Chambers' right, title and interest in the Landfill including property, equipment, permits, buildings and facilities. Chambers shall notify the County in writing of any bona fide offer of sale for the Landfill or property which Chambers desires to accept, and the County may exercise its right to purchase the Landfill or property at any time within sixty (60) days after receipt of such notice from Chambers, at a price and upon the same terms and conditions contained in any such bona fide offer received by Chambers. Chambers shall, if the County fails to exercise such right of first refusal, have the right to sell the Landfill or the property. Any such sale shall include terms requiring the purchaser to assume all of Chambers' obligations under this Agreement.

Additionally, in the event Chambers desires to terminate landfill operations after the commencement of such operations without first having received an offer to purchase the Landfill or the property, the County will purchase Chambers' right, title and interest in the same by paying to Chambers the landfill development costs (including but not limited to the purchase price of the property and all development and engineering costs) times the percentage of remaining cubic yards of landfill airspace capacity to the total capacity of the Landfill property (21,000,000 cubic yards in the site initially contemplated by the parties).

Additionally, in the event the County makes payments to Chambers pursuant to Section 4(d)(iii) of $500,000.00 or more in and with respect to each of three (3) consecutive Contract Years hereunder, the County shall have the option, exercisable by written notice to Chambers received not more than 60 days following the end of such period, to purchase Chambers' right, title and interest in the Landfill, including property, equipment, permits, buildings and facilities, by paying to Chambers the landfill development costs

(including but not limited to the purchase price of the property and all development and engineering costs) times the percentage of remaining cubic yards of landfill airspace capacity to the total capacity of the Landfill property (21,000,000 cubic yards in the site initially contemplated by the parties).

Under any sale under this Section 9, Chambers shall be relieved and discharged from any future obligations under this Agreement.

10. Environmental and Post-closure Expense Fund. The County shall have the right to require that the disposal fees charged by Chambers under Paragraph 4 hereof shall be increased by an amount not to exceed $1.00 per ton which shall be in addition to the fees received by Chambers. The County shall deposit such additional amounts in an escrow fund maintained by the County for purposes of paying any expenses which may arise following closure of the Landfill. Expenses will be paid out of such fund for closure or environmental actions related to the Landfill to the extent that they are not paid out of any closure bonds required by the State of Maryland. Any amounts remaining in the fund after the closure of the Landfill shall be retained in the fund or released to be used for solid waste disposal at the discretion of the County.

11. Force Majeure. Any delay or failure of performance by either party shall not constitute a default hereunder or give rise to any claims for damages if and to the extent that such delay or failure is caused by any act, event or condition having a material adverse effect on its ability to perform its obligations hereunder, including, but not limited to, acts of God, lightning, earthquake, fire, severe weather conditions, epidemic, landslide, drought, hurricane, tornado, storm, explosion, failure of utilities, flood, nuclear radiation, act of a public enemy, or blockade, insurrection, riot or civil disturbance, labor dispute, strike or other interruption, whether involving the employees of either party or others, interference by third parties with landfill operations, condemnation or other taking by any government body, a change in any applicable law, regulation, rule or ordinance or interpretation thereof limiting acceptance of waste at landfills, or any

order, judgment, action or determination of any federal, state or local court, administrative agency or government body adversely affecting the construction or operation of the landfills or the right or ability of Chambers to receive waste at its or its affiliates' landfills or of the County to deliver waste to the Landfill, or the suspension, termination, interruption, denial or failure of renewal or issuance of any permit, license, consent, authorization or approval. A party whose performance is affected by any such event shall give written notice thereof to the other party as soon as is reasonably practicable.

12. Notices. Any notice required under this Agreement shall be made either by personal delivery or by registered or certified mail, return receipt requested, and shall be deemed given upon personal delivery or upon receipt. Notices shall be given to the parties at the following addresses:

To Chambers: Chambers of Maryland, Inc.
10700 Frankstown Road
Pittsburgh, Pennsylvania 15235
Attention: John G. Rangos, Sr., President

To the County: Board of County Commissioners of Allegany County, MD
County Office Building
3 Pershing Street
Cumberland, Maryland 21502

Either party may change the location for receipt of notices hereunder by providing written notice to the other party as aforesaid.

13. Governing Law. This agreement shall be governed by the laws of the State of Maryland, without regard to its principles relating to conflict of laws.

14. Waiver. No waiver of a breach of any of the covenants contained in this Agreement shall be construed as a waiver of any prior or succeeding breach of the same covenant or any other covenant of this Agreement.

15. Modification. No modification, release, discharge or waiver of any provision hereof shall be of any force or effect, unless in writing signed by both parties hereto.

16. Severability. If any term, covenant or provision of this Agreement shall be held to be invalid, illegal or unenforceable in any respect, this Agreement shall remain in effect and be construed without regard to such provision.

17. Binding Effect. This Agreement constitutes the entire understanding between the parties and shall be binding upon both parties hereto, their successors, representatives and assigns.

18. Assignment. This Agreement may not be assigned by either party without the prior written consent of the other party.

19. Headings. The headings used herein are for the convenience of the reader and shall not be deemed to modify or in any way affect any of the covenants, terms and conditions of this Agreement.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date set forth hereinabove.

ATTEST:

Secretary

CHAMBERS OF MARYLAND, INC.

By: President

(SEAL)

ATTEST:

Clerk

THE BOARD OF COUNTY COMMISSIONERS OF ALLEGANY COUNTY, MARYLAND

By: President

(SEAL)

cc: Rice - 1/11/99

AMENDMENT TO AGREEMENT

THIS AMENDMENT TO AGREEMENT, made and entered into as of the 26th day of APRIL, 1991, by and between CHAMBERS OF MARYLAND, INC., a Maryland Corporation ("Chambers") and the BOARD OF COUNTY COMMISSIONERS OF ALLEGANY COUNTY, MARYLAND, a body politic (the "County").

WHEREAS, Chambers and the County entered into an Agreement dated November 16, 1987 (the "Agreement") by which Chambers will construct and operate a sanitary landfill (the "Landfill") within Allegany County, Maryland and will provide disposal services to the County; and

WHEREAS, the Agreement provides that the County will be obligated to pay Chambers if certain disposal volume amounts are not met under the Agreement; and

WHEREAS, the Agreement provides that in the event Chambers desires to terminate landfill operations after commencement of such operations without receiving an offer to purchase the Landfill, the County will purchase Chambers' right, title and interest in the Landfill; and

WHEREAS, the County desires not to be required to purchase Chambers' right, title and interest in the Landfill; and

WHEREAS, the County desires to have certain inspection rights at the Landfill.

NOW, THEREFORE, the parties hereto, intending to be legally bound hereby, agree as follows:

1. Elimination of County's Minimum Payment Obligation. Section 4(c) and Section 4(d) are hereby deleted in full from the Agreement.

2. Elimination of Purchase Requirements. Section 9 of the Agreement is hereby deleted after the first paragraph. As a result of the deletions provided in this Amendment, Section 9 of the Agreement shall read as follows:

> 9. Purchase by County. If at any time Chambers desires to sell the Landfill or the property upon which the Landfill may be constructed, the County shall have the right of first refusal to purchase Chambers' right, title and interest in the Landfill including property, equipment, permits, buildings and facilities. Chambers shall notify the County in writing of any bona fide offer of sale for the Landfill or property which Chambers desires to accept, and the County may exercise its right to purchase the Landfill or property at any time within sixty (60) days after receipt of such notice from Chambers, at a price and upon the same terms and conditions contained in any such bona fide offer received by Chambers. Chambers shall, if the County fails to exercise such right of first refusal, have the

right to sell the Landfill or the property. Any such sale shall include terms requiring the purchaser to assume all of Chambers' obligations under this Agreement. Under any sale under this Section 9, Chambers shall be relieved and discharged from any future obligations under this Agreement.

3. Right of Inspection. During the term of this Agreement, the County shall have the right, at the County's expense, to station a person at the Landfill for the purpose of monitoring the operation, inspecting the solid waste deliveries and to generally oversee for the County the Landfill premises during normal operating hours. The Company shall provide access to the Landfill premises for any such County employee. The County shall not be required to give any formal notice prior to exercising its rights hereunder. Nevertheless, the County shall not unreasonably interfere with the business operations of Chambers. To the extent that the inspection referred to herein produces a conclusion which may rise to the level of any type of violation under federal or state law, the County acknowledges that its action will be to refer the conclusion to the appropriate federal and/or state governmental authority with a written report of such being submitted to Chambers and to the County prior to or contemporaneous with referral to such governmental authority.

4. Ratification and Confirmation. No other provisions of the Agreement are altered or modified beyond those specifically enumerated herein.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date set forth herein above.

ATTEST:

By: _____
Title: Secretary

CHAMBERS OF MARYLAND, INC.

By: _____
Title: President

ATTEST:

By: Carol A. Gapp
Title: Clerk

THE BOARD OF COUNTY COMMISSIONERS OF ALLEGANY COUNTY, MARYLAND

By: _____
Title: President

LANDFILL AGREEMENT

THIS AGREEMENT, made and entered into this 18th day of December, 2008, by and between **MOUNTAINVIEW LANDFILL, INC.,** a Maryland Corporation and wholly owned subsidiary of Waste Management, Inc., hereinafter referred to as "Mountainview", and the **BOARD OF COUNTY COMMISSIONERS OF ALLEGANY COUNTY, MARYLAND,** a body corporate and politic of the State of Maryland, hereinafter referred to as "County".

WITNESS:

WHEREAS: The County is in need of a disposal facility for the proper disposal of nonhazardous solid waste generated by County residents and businesses; and

WHEREAS: Mountainview, a wholly owned subsidiary of Waste Management, Inc., owns and operates Mountainview Landfill near Frostburg, Maryland (hereinafter "Existing Landfill"); and

WHEREAS: The County and Mountainview currently have a November 16, 1987 Agreement with Amendments in effect concerning the operation of the Existing Landfill which expires on February 1, 2013; and

WHEREAS: The County and Mountainview desire to establish a contractual relationship to facilitate the expansion of the Existing Landfill (hereinafter "Landfill"), for the purpose of continued solid waste disposal use after February 1, 2013;

NOW THEREFORE, in consideration of the foregoing premises, and for other good and valuable reasons, the parties hereto, intending to be legally bound, agree as follows:

SECTION A – EXISTING LANDFILL

1. **Existing Landfill** – Mountainview shall be responsible for construction, permitting, operation, closure and post closure care of the Existing Landfill in accordance with terms of the November 16, 1987 Agreement with the County, as amended, all applicable Federal, State and local regulatory requirements.

SECTION B – EXPANDED LANDFILL

1. **Construction of Expanded Landfill** – Mountainview shall use its best efforts, at its own costs, to engineer, obtain permits and construct the Expanded Landfill on the property of the Existing Landfill and take all necessary steps to operate the Landfill in accordance with all standards and stipulations imposed by any Federal, State or local authorities, and the terms of this Agreement.

    a. Landfill Gas System – the parties agree the Landfill design and construction shall include a Maryland Department of the Environment (MDE) approved active

landfill gas extraction, collection and disposal system of type selected by Mountainview.

b. Permit Denial – if Mountainview is unsuccessful, despite its best efforts, in obtaining all necessary permits and approvals for construction of the Landfill, Mountainview may terminate this Agreement prior to February 2, 2013 without further obligation to the County, provided Mountainview agrees to extend the terms and service under the Existing Landfill through the date on which the disposal capacity of the Existing Landfill is exhausted, at which point the November 16, 1987 Agreement, as amended, and this Agreement, shall expire.

2. **Authority: Designation of Landfill** – The County represents that it has the authority to enter into this Agreement and that it has obtained all necessary approvals of this Agreement under all applicable laws, regulations, ordinances and resolutions, including any public notice or hearing procedures which may be applicable, and agrees that it will designate the Landfill in its Solid Waste Plan as a sanitary landfill permitted in the County. The County shall not take any actions during the term of this Agreement that would adversely affect Mountainview's rights hereunder or ability to perform hereunder.

3. **Disposal Capacity** – Mountainview agrees that during the term of this Agreement it will make available sufficient space in the Landfill for the disposal of all nonhazardous solid waste (hereinafter "Acceptable County Waste") consisting of Municipal Solid Waste (hereinafter "MSW") and Construction Demolition Waste (hereinafter "CD") generated by residents, commercial and industrial establishments located within the County which can be disposed of legally at the Landfill, consistent with all applicable environmental laws, regulations and permits.

a. Mountainview shall be permitted to accept and dispose of the following maximum annual volumes of solid waste at the Landfill:

(1)	Calendar Years 2013 to 2017	-	135,000 Tons
(2)	Calendar Years 2018 to 2022	-	145,000 Tons
(3)	Calendar Years 2023 to 2027	-	155,000 Tons
(4)	Calendar Years 2028 to 2032	-	165,000 Tons
(5)	Partial Year 2033 (January 1 – February 1)	-	13,750 Tons

b. Mountainview shall be entitled to accept and dispose of MSW and CD from outside Allegany County. The maximum amount of MSW and CD allowed from outside Allegany County shall be the difference between the date appropriate maximum annual volume allowed in paragraph 3.a. above and the total of MSW and CD disposed of from Allegany County sources. If that difference is less than 50,000 tons in any given year, Mountainview shall be entitled to accept and dispose of up to 50,000 tons of MSW and CD from outside Allegany County and the maximum annual volume will be increased for that year to accommodate those 50,000 tons.

c. Mountainview shall provide monthly and annual reports to the County showing the type, amount and origin of waste (in-County vs. out-of-County) disposed at the Landfill.

d. Unless otherwise approved in writing by the County, all solid waste disposed in the Landfill shall be subject to the limits set forth in the previous paragraphs 3.a. and 3.b.

4. **Disposal Fees** – The Disposal Fee (i.e. tipping fee) charged per ton for solid waste generated in Allegany County shall be determined as follows:

a. Allegany County Waste – the initial Year 2013 Disposal Fee shall be based on the extension of the current published Year 2008 disposal fee for Municipal Solid Waste and Construction Demolition Waste ($41.50/ton and $56.50/ton, respectively) by application of the Consumer Price Index – All Urban Consumers US Cities Average (CPI) until February 2, 2013. The CPI shall be modified by the parties to eliminate the effects of the price of gasoline as a percentage of the CPI already included in fuel surcharges described in paragraph 4.c. below. However, the Year 2013 Disposal Fees shall not exceed:

Municipal Solid Waste	$50.00/Ton
Construction Demolition Waste	$64.00/ton

The Year 2013 Disposal Fees listed above shall only be exceeded in the event that Mountainview incurs large, unusual, documented expenses in construction of the Expanded Landfill. In the event the average cost of construction exceeds $320,000 per acre of landfill footprint, Mountainview reserves the right to pass the additional excess cost on to Allegany County. The County shall have the right to accomplish the payback of the excess cost by authorizing an increase in the initial 2013 Disposal Fee based on an amortization of the excess cost over the waste volume benefitting from said costs. Mountainview agrees to provide detailed documentation of such excess costs for County review.

b. Waste from Adjacent Counties – the Disposal Fees charged for MSW and CD Waste generated in adjacent counties and disposed of in the Landfill shall be established by Mountainview, but shall not be less than the Disposal Fees for MSW and CD waste generated in Allegany County.

c. Surcharges – in addition to the Disposal Fees, Mountainview may apply fuel and environmental surcharges as developed by Waste Management, and applied uniformly to like customers. The Waste Management fuel charge is adjusted weekly and is based on information publicly reported by the United States Department of Energy. The environmental surcharge is currently 4.2% and is subject to adjustment based on increased environmental compliance and monitoring costs.

d. Future Increases in Disposal Fees - each year after 2013, the in-county "not to exceed" base tipping fee may be adjusted annually on April 1 of each year based upon the previous year's 12-month change in the CPI Index, modified by the parties, to eliminate the effect of the price of fuel, already included in the surcharges described in the previous paragraph 4.c. Waste Management will notify the County of the price increase and meet with the County to provide and review necessary details to justify the adjustment.

e. Additions to CPI – In the event that the annual CPI adjustment does not meet the increased operating cost at the facility, a request may be submitted to Allegany County outlining any additional price increase amounts above the CPI increase and details regarding the variables that make up the need for the additional increase (e.g., regulatory requirements, utilities, etc.). The parties agree to be reasonable in making and reviewing such requests.

f. Other Adjustments – the parties agree that any fees, charges, costs or assessments imposed upon the collection and/or disposal of waste that result from a change in Federal, State or local law will also be added to the applicable Disposal Fee at the time such fees are implemented.

g. Reduced In-County Disposal Fees – in the event Mountainview decides to offer a lower than posted Disposal Fee to haulers for waste generated in Allegany County, such reduced rate shall be discussed with and approved by the County prior to its implementation. Such reduced rates will only be considered for high volume haulers and shall not be considered as justification for Additions to the CPI as described in the previous paragraph 4.e.

h. Out-of-County Disposal Fees – Mountainview shall have the right to set Disposal Fees for waste generated from non-adjacent counties outside Allegany County. However, these rates shall not be set artificially low or be considered as justification for Additions to the CPI as described in previous paragraph 4.e.

5. **Recycling Fees** – in addition to the Disposal Fee, the County may direct Mountainview to collect a recycling fee on each ton of waste disposed at the Landfill that is generated in Allegany County.

a. Payment of Fee – the collected Recycling Fee (currently $1.50 per ton) will be forwarded to the County on a monthly basis with payment due for the month by the 15th day of the following month. The Recycling Fee shall not apply to any reduced rate or free disposal of waste tons that Mountainview may, from time to time, offer to the County.

b. Modification of Recycling Fee – The County may modify the amount of the Recycling Fee by advising Mountainview, in writing, of its desire to do so. The modification will become effective the following April 1.

6. **Out-of-County Host Fee** – in addition to the Disposal Fee, Mountainview shall collect and remit to the County a Host Fee for each ton of waste disposed at the Landfill that is generated outside Allegany County.

   a. Payment of Fee – the Host Fee shall be forwarded to the County on a monthly basis with payment due for the month by the 15th day of the following month.

   b. Amount of Host Fee – the amount of the Host Fee shall be as follows:

February 1, 2013 through Calendar Year 2017	$1.00 per ton
Calendar Years 2018 to 2022	$1.35 per ton
Calendar Years 2023 to 2027	$1.65 per ton
Calendar Years 2028 to February 2033	$2.00 per ton

7. **Landfill Operation** – Mountainview shall be solely responsible to operate and maintain the Landfill in accordance with all applicable Federal, State and Local rules and regulations. Allegany County shall not be liable for any costs, claims, penalties or fees resulting from Mountainview's failure to do so.

   a. Operating Rules – Mountainview reserves the right to make, amend and enforce reasonable rules and regulations concerning the operation of the Landfill, the conduct of the drivers and others on the Landfill premises, and any other matters necessary or desirable for the safe, legal and efficient operation of the Landfill. Mountainview shall have the right to refuse to accept any waste which does not conform to any applicable law, regulation, rule or permit condition, or that is hazardous or toxic, even if only a part of the waste load is nonconforming. In the event that Mountainview detects unacceptable waste at the Landfill, the party delivering such waste shall be responsible for its removal. Mountainview shall have the right to refuse to accept waste delivered by parties who knowingly or repeatedly violate the Landfill operating rules.

   b. County Inspection – the County shall have the right to have designated employee(s) enter the premises of the Landfill to observe Mountainview's operations. Said observations shall be conducted during normal Landfill operating hours unless the County gives Mountainview notice and reason for an after hours observation. County employees shall not have the right to direct Mountainview's employees or otherwise interfere with Mountainview's operations.

8. **Guaranteed Landfill Capacity** – the parties agree to cooperate in providing back-up landfill capacity should the need arise in accordance with the following terms:

   a. Waste Management Landfills as Back-up – in the event of a condition affecting the Landfill or the ability of the County to deliver waste to, or Mountainview to accept waste at the Landfill, or if continued acceptance of an existing waste stream would result in a violation of an environmental law, regulation or

ordinance, Mountainview shall make arrangements to dispose of Acceptable County Waste at other regional sites operated by Waste Management,

(1) should the cause of the need for back-up landfill use be related to conditions caused by Force Majeure or the County, the cost of transportation of County waste to the back-up landfill shall be borne by the County.

(2) should the cause of the need for back-up landfill use be related to condition caused by Mountainview, the cost of transportation of County waste to the back-up landfill shall be borne by Mountainview.

b. Landfill as Back-up – Notwithstanding the disposal capacity limits set forth in previous paragraph 3.a., in the event of a Force Majeure condition affecting landfills operated by Mountainview or Waste Management or if continued acceptance of an existing waste stream would result in a violation of an environmental law, regulation or ordinance, Mountainview shall have the right to dispose of at the Landfill waste which otherwise would have been disposed of at such other facilities, with the cost of transportation from such other facilities to the Landfill being borne by Mountainview.

c. Limitations of Use – The County may use Mountainview and Waste Management back-up landfills and Mountainview may use the Landfill as a back-up landfill each for an aggregate period not to exceed twelve (12) months during any forty-eight (48) month period; provided, however, that backup use of the Landfill will not be permitted if it would reduce the remaining capacity of the Landfill to less than that amount needed to accept the projected volume of tons per year of Acceptable County Waste for the remaining term of this Agreement.

9. **Public Drop-Off Area for MSW** – Mountainview shall provide an area at the Landfill equipped with dumpster boxes for the disposal of bagged MSW from County residents.

a. Cost of Disposal – Mountainview will provide the County, within five (5) days after the end of each calendar month, with a summary of the total weight and volume of MSW disposal during such month, and the County shall pay Mountainview for such disposal within twenty (20) days after the end of such month at the current Disposal Fee established for the Landfill.

b. Guard Service – If requested to do so by the County, Mountainview shall provide guard service at the public drop-off area to insure compliance with posted rules. The cost of the guard service shall be agreed upon between the parties and paid by the County. The County shall maintain the right to post an employee at the public drop-off area, at its own expense, in lieu of using Mountainview's guard.

10. **Public Drop-Off Area for Recycling** – Mountainview shall provide an area at the Landfill for use by the County as a recycling drop-off area for County residents.

a. Location – The drop-off area for recycling shall be located at the same area as previously located at the Existing Landfill, unless the parties agree to relocate it. Other changes in the drop-off recycling area must be mutually agreed upon between the County and Mountainview.

b. Operation – County shall be responsible to provide, maintain and haul the various recycling containers at its sole cost.

c. Indemnification

(1) County acknowledges that it has sole care, custody and control of the equipment while at the Mountainview location and accepts responsibility for all loss or damage to the equipment and for its contents. The County shall not change the general use or layout of the area without the written permission of Mountainview.

(2) County shall be responsible for maintaining the property, keeping same in a neat and clean condition. County shall be solely responsible for ensuring that the containers are emptied on an as-needed basis and such containers shall be maintained in good working order. Mountainview agrees to advise the County of any problems they observe concerning use of the recycling area.

(3) County shall to the extent permitted by law, indemnify, defend and shall hold harmless Mountainview and its respective parents, affiliates, officers, partners, employees or agents from and against any and all claims, damages, losses, actions, demands, deficiencies, liabilities, cost and expenses (including, without limitation, attorneys' fees and expenses and interest, penalties, fines and all amounts paid in investigation, defense or settlement of any of the foregoing) asserted against or incurred by Mountainview, its parents, affiliates, officers, partners, employees or agents in connection with or arising out of or resulting from: (a) a breach of any covenant, agreement, representation or warranty of the County contained herein; (b) the County's failure to comply with any applicable law relating to any of the activities addressed herein; or (c) any negligence, gross negligence or willful misconduct of the County or any employee, agent subcontractor or invitee of the County while on the property of Mountainview or arising out of County's refuse collection and recycling activities. The obligations of the County hereunder shall survive the termination or expiration of this Agreement.

(4) Upon receipt by Mountainview of a notice of a claim, action or proceeding, Mountainview shall give written notice to County within ten (10) days by registered mail of any claim made against Mountainview on the obligations set forth herein. Failure to give the notice shall not affect

Mountainview's rights to indemnification hereunder except to the extent that the County can demonstrate actual prejudice caused by such failure.

(5) Upon termination of this Agreement, the County shall immediately remove all equipment and restore the property to its original condition.

(6) County shall be solely responsible for the maintenance of the equipment as well as the maintenance of the property and shall supervise all operations with respect to operating the refuse collection and recycling center. Mountainview shall have no responsibility for any such maintenance or operation. County shall be responsible to obtain all permits, approvals and licenses necessary from any governmental authority with respect to its activities on Mountainview's property.

11. **Compost Recycling Area** – At the County's request, Mountainview agrees to locate and provide suitable area at the Landfill for use by the County as a compost drop-off area for County residents. Such area shall be identified prior to February 1, 2013.

a. Location – the compost area shall be located not to interfere with normal Landfill operation and be at a site designated by Mountainview. The site must be accessible and relatively flat.

b. Operation – County shall be responsible to construct, maintain, operate, grind and haul ground compost at its sole cost.

(1) The compost site shall be operated similar to the County's current Mexico Farms compost site.

(2) Grinding of compost shall occur not less than twice a year and the ground compost shall be removed from the site within 30 days of grinding.

c. Indemnification

(1) County acknowledges that it has sole care, custody and control of the equipment while at the Mountainview location and accepts responsibility for all loss or damage to the equipment and for its contents. The County shall not change the general use or layout of the area without the written permission of Mountainview.

(2) County shall be solely responsible for maintaining the compost site and keeping same in a neat and orderly condition.

(3) County shall to the extent permitted by law, indemnify, defend and shall hold harmless Mountainview and its respective parents, affiliates, officers, partners, employees or agents from and against any and all claims, damages, losses, actions, demands, deficiencies, liabilities, cost and

expenses (including, without limitation, attorneys' fees and expenses and interest, penalties, fines and all amounts paid in investigation, defense or settlement of any of the foregoing) asserted against or incurred by Mountainview, its parents, affiliates, officers, partners, employees or agents in connection with or arising out of or resulting from: (a) a breach of any covenant, agreement, representation or warranty of the Indemnitor contained herein; (b) the County's failure to comply with any applicable law relating to any of the activities addressed herein; or (c) any negligence, gross negligence or willful misconduct of the County or any employee, agent, subcontractor or invitee of the County while on the property of Mountainview or arising out of County's composting activities. The obligations of the County hereunder shall survive the termination or expiration of this Agreement.

(4) Upon receipt by Mountainview of a notice of a claim, action or proceeding, Mountainview shall give written notice to County within ten (10) days by registered mail of any claim made against Mountainview on the obligations set forth herein. Failure to give the notice shall not affect Mountainview's rights to indemnification hereunder except to the extent that the County can demonstrate actual prejudice caused by such failure.

(5) Upon termination of this Agreement, the County shall immediately remove all equipment and restore the property to its original condition.

(6) County shall be solely responsible for the maintenance of the equipment as well as the maintenance of the property and shall supervise all operations with respect to operating the compost site. Mountainview shall have no responsibility for any such maintenance or operation. County shall be responsible to obtain all permits, approvals and licenses necessary from any governmental authority with respect to its activities on Mountainview's property.

12. **Land Clearing Landfill** – Mountainview agrees, at its cost, to investigate the feasibility of permitting, constructing, operating and maintaining a land clearing disposal site at the Landfill. Said investigation shall occur prior to February 1, 2013 and the results will be shared with the County. Any tonnage ultimately accepted at the land clearing disposal site shall not be counted against the Landfill's maximum annual disposal capacity described in section 3.a., herein.

a. Operation – if determined by Mountainview to be technically and economically feasible, Mountainview may construct and operate, at its cost, the land clearing disposal site as a for profit operation.

b. Disposal Fee – Mountainview shall establish a disposal fee and rules of operation for the land clearing disposal site which are adequate to cover the cost of construction, operation and a reasonable profit.

13. **Single Stream Recycling** – Mountainview agrees, at its cost, to investigate the feasibility of permitting, constructing, operating and maintaining a single stream recycling convenience center at the Landfill. Commingled recyclables would be delivered to and collected at the landfill and hauled to a recycling center for sorting and processing.

a. Investigation – the County agrees to provide detailed recycling information for Mountainview's use. Mountainview agrees to complete the investigation prior to February 1, 2013 and share its results with the County.

b. Operation – if determined by Mountainview to be technically and financially feasible, the County and Mountainview may enter into an Agreement to establish the details of the operation.

c. Costs – the following is envisioned in regard to costs:

(1) County would be responsible, at its sole expense, to have recyclables delivered to the Landfill.

(2) Mountainview would be responsible, at its sole costs, to haul the recyclables to the recycling center for processing.

(3) The costs to establish facilities at the Landfill to accept recyclables and the disposition of any revenues paid by the recycling center will be negotiated between the parties.

14. **Leachate Treatment Agreement** – the parties have entered in an August 22, 2003 amended Leachate Treatment Agreement for the treatment of leachate from the Existing Landfill at a County operated wastewater treatment plant which expires on February 1, 2013. The parties intend to negotiate a similar agreement to cover treatment of leachate from the expanded Landfill prior to February 1, 2013. It is envisioned the following items will be included in that agreement:

a. Pre-treatment of Leachate – Mountainview shall pre-treat the leachate as necessary to levels acceptable under the County's Sewer Use Ordinance prior to discharge or delivery to the County's wastewater system.

b. Delivery of Leachate – Mountainview shall be responsible, at its sole cost, to deliver leachate to the County wastewater system at a location(s) approved by the County. This may include the following:

(1) delivery to a County wastewater treatment plant via tank truck; and/or

(2) construction of a sewer line extension to the Georges Creek Sewerage System along Maryland Route 36 south of the Landfill.

(a) design and construction of sewer line and metering facilities shall be per County standards and approval.

(b) County will assist in obtaining necessary permits to construct the sewer line.

(c) if requested by Mountainview, County agrees to consider accepting ownership and maintenance responsibility of the completed sewer line. In exchange, County shall be permitted to allow residential connections to the sewer line provided a specified capacity exists for Mountainview's leachate.

c. Reports – Mountainview shall submit monthly reports to the County showing the quantity of leachate delivered and its biological and chemical constituents.

d. Cost of Treatment – Mountainview shall pay the County for the leachate treated at the current industrial sewage treatment rate.

e. Sewage Sludge Disposal – County shall receive free disposal of acceptable sewage sludge at the Landfill generated at a County-owned wastewater and water treatment plant in a quantity not to exceed 3,500 tons per year. Said quantity shall not count against maximum annual volume of solid waste accepted at the Landfill per paragraph 3.a.

SECTION C – GENERAL PROVISIONS

1. **Term of Agreement** – this Agreement shall be effective on the date first written. The provision of disposal service is for a twenty (20) year period from February 2, 2013 to February 1, 2033. The terms of this Agreement apply to the operation of both the Existing Landfill and the Expanded Landfill.

2. **General Cooperation** – the parties agree to cooperate with one another and provide each other reasonable assistance with regard to all necessary permitting, regulatory and other approvals, including those from the Maryland Department of the Environment necessary for implementation of the provisions of this Agreement.

3. **Governing Laws** – this Agreement shall be governed by the laws of the State of Maryland, without regard for its principles relating to conflict of law.

SECTION D – MISCELLANEOUS PROVISIONS

1. **Force Majeure** – any delay or failure of performance by either party shall not constitute a default hereunder or give rise to any claims for damages if and to the extent that such delay or failure is caused by any act, event or condition having a material adverse effect on its ability to perform its obligations hereunder,

including, but not limited to, acts of God, lightning, earthquake, fire, severe weather conditions, epidemic, landslide, drought, hurricane, tornado, storm, explosion, failure of utilities, flood, nuclear radiation, act of a public enemy, or blockade, insurrection, riot or civil disturbance, labor dispute, strike, terrorist activities, acts of war whether involving the employees of either party or others, interference by third parties with landfill operations, condemnation or other taking by any government body, a change in any applicable law, regulation, rule or ordinance or interpretation thereof limiting acceptance of waste at landfills, or any order, judgment, action or determination of any federal, state or local court, administrative agency or government body adversely affecting the construction or operation of the landfills or the right or ability of Mountainview to receive waste at its or its affiliates' landfills or of the County to deliver waste to the Landfill, or the suspension, termination, interruption, denial or failure of renewal or issuance of any permit, license, consent, authorization or approval. A party whose performance is affected by any such event shall give written notice thereof to the other party as soon as is reasonably practicable.

2. **Notices** – any notice required under this Agreement shall be made either by personal delivery or by registered or certified mail, return receipt requested, and shall be deemed given upon personal delivery or upon receipt. Notices shall be given to the parties at the following addresses:

To Mountainview:
Mountainview Landfill, Inc.
P. O. Box 95
13300 New Georges Creek Road, SW
Frostburg, MD 21532

With Copy to:
Waste Management
Eastern Group Legal Dept.
Attn: General Counsel
448 Lincoln Highway
Fairless Hills, PA 19030

To the County:
Board of County Commissioners of Allegany County, MD
County Office Complex
701 Kelly Road, Suite 407
Cumberland, MD 21502

With Copy to:
Director of Public Works
Allegany County, Maryland
701 Kelly Road, Suite 300
Cumberland, MD 21502

Either party may change the location for receipt of notices hereunder by providing written notice to the other party as aforesaid.

3. **Waiver** – no waiver of a breach of any of the covenants contained in this Agreement shall be construed as a waiver of any prior or succeeding breach of the same covenant or any other covenant of this Agreement.

4. **Modification** – no modification, release, discharge or waiver of any provision hereof shall be of any force or effect, unless in writing signed by both parties hereto.

5. **Severability** – if any term, covenant or provision of this Agreement shall be held to be invalid, illegal or unenforceable in any respect, this Agreement shall remain in effect and be construed without regard to such provision.

6. **Binding Effect** – this Agreement constitutes the entire understanding between the parties and shall be binding upon both parties hereto, their successors, representatives and assigns.

7. **Assignment** – this Agreement may not be assigned by either party without the prior written consent of the other party.

8. **Headings** – the headings used herein are for the convenience of the reader and shall not be deemed to modify or in any way affect any of the covenants, terms and conditions of this Agreement.

(SIGNATURE PAGE TO FOLLOW)

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date set forth hereinabove.

ATTEST:

Leslie C Kaiser
Notary Public

(SEAL)

MOUNTAINVIEW LANDFILL, INC.

By: Steve M. Berry, Vice President

ATTEST:

Clerk

THE BOARD OF COUNTY COMMISSIONERS OF ALLEGANY COUNTY, MARYLAND

James J. Stakem, President

Robert M. Hutcheson, Commissioner

Dale R. Lewis, Commissioner

(SEAL)

APPROVED BY COMMISSIONERS AT 1/14/10 PUBLIC MTG

AGREEMENT BETWEEN THE BOARD OF COUNTY COMMISSIONERS OF ALLEGANY COUNTY AND PENN-MAR RECYCLING FOR RECOVERY, PROCESSING, REPORTING AND MARKETING RECYCLABLE MATERIALS

THIS AGREEMENT, made this 14th day of January, 2010 by and between the Board of County Commissioners of Allegany County, (hereinafter "the County") and Penn-Mar Recycling, LLC, (hereinafter "the Recycler").

1. WHEREAS: The County operates a State-mandated recycling program and on January 9, 2001, issued a Request for Proposal, (hereinafter "RFP"), a copy of which is attached to this Agreement as Exhibit A, for firms to provide recovery, processing, reporting and marketing of recyclable materials collected in Allegany County; and

2. WHEREAS: The Recycler, who were originally known as the independent firms of Miller Quality Recycling and Howell Trucking, Inc., responded to the RFP with a February 8, 2001 Proposal, (hereinafter "Proposal"), a copy which is attached to this Agreement as Exhibit B; and

3. WHEREAS: The County and Recycler further defined their understanding of the RFP and Proposal and entered into an Agreement dated June 22, 2001, and in a subsequent agreements dated February 5, 2004, May 10, 2007, and this current agreement dated January 14, 2010.

4. WHEREAS: The parties wish to extend their relationship by entering into a fourth agreement for the Recycler to provide recovery, processing, reporting and marketing of recyclable materials subject to the terms and limitations set forth in this Agreement;

NOW THEREFORE, and in consideration of the mutual covenants herein contained be it agreed by and between the parties as follows:

1. PURPOSE OF THIS AGREEMENT

The purpose of this Agreement is to define the duties and the responsibilities of the County and the Recycler relative to the recovery, processing, reporting and marketing of recyclable materials collected in Allegany County and the allocation of costs associated with same.

This Agreement shall supersede and replace the May 10, 2007 Agreement between the parties.

2. DEFINITIONS

The following items shall have meaning hereafter set forth for the purpose of this Agreement:

A. Contaminated Materials - dissimilar materials or trash which have been collected along with recyclable materials which must be removed and disposed of as trash.

B. County Baler - the existing vertical baler owned by the County and located in the Recycling Building.

C. Plastic - #1 PET or #2 HPDE plastic bottles & jugs which are collected for recycling.

D. Drop Boxes - the compartmentized metal containers which the County leases or owns and are used to collect recyclable materials throughout Allegany County and deliver said materials to the Recycling Building.

E. Magazines - miscellaneous forms and sizes of glossy paged magazines which are collected for recycling purposes.

F. Marketing - the process whereby the Recycler seeks out, contracts with and delivers for a price or payment, processed recyclable materials to licensed, end user firms for reuse.

G. Mixed Cans - aluminum and bi-metal cans which are collected separately or jointly for recycling purposes.

H. OCC/paperboard - old cardboard containers and paperboard which is collected for recycling purposes.

I. ONP - standard newsprint and newspaper inserts which are collected for recycling and processed into ONP Grade No. 8 for marketing purposes.

J. Office Paper - loose or shredded bond, writing, or computer paper; envelopes; folders and drawings which are collected for recycling purposes.

K. Processing - the acts of sorting, baling, compacting or otherwise transforming the accumulated recyclable materials into a marketable form.

L. Recovery - the acceptance and storage of recyclable materials delivered to the Recycler either by the County, its contractors or general public.

M. Recyclable Materials - ONP, OCC/paperboard, mixed cans, separated glass, white goods, office paper, magazines, telephone books, and #1 & #2 plastic bottles and jugs as defined herein as well as any future recyclable materials the County and Recycler may agree to make part of this Agreement.

N. Recycler - Penn-Mar Recycling, LLC, owned by Kimberly S. and Steven D. Miller with a business address of 201 Riverside Ave., Cumberland, Maryland.

O. Recycling Building - former Court 5 of the Kelly Springfield Tire Company located at 201 Riverside Avenue, Cumberland, Maryland.

P. Reporting - formal written monthly reports supplied by the Recycler to the County showing an individual breakdown of the tonnage of each type of recyclable material processed, the compensation to be received from the end user for each and the compensation due to the County from the Recycler or vice versa.

Q. Separated Glass - clear, brown and/or green glass which is collected in separate bin containers for recycling purposes.

R. Telephone Books - standard printed telephone books which are collected for recycling purposes.

S. White Goods - household appliances (such as stoves, refrigerators, air conditioners, dryers, washers, dehumidifiers, etc.) which are collected for recycling purposes.

T. School Office Paper - loose or shredded bond, writing, or computer paper; envelopes; folders and drawings which are collected for recycling purposes from Allegany County schools.

3. DUTIES AND RESPONSIBILITIES OF THE COUNTY

The County agrees to accept and comply with the following duties and responsibilities:

A. Provide and lease the first floor area of the Recycling Building to the Recycler for his use in performance of the terms of this Agreement.

B. Arrange for and conduct required quarterly fire sprinkler system inspections.

C. Provide the Recycler with approximately one-half (1/2) acre of ground outside and adjacent to the Recycling Building for his use. To the extent possible, the bulk of this area will be located on the west side of the Recycling Building.

D. Permit the Recycler to use, operate and maintain the County Baler.

E. Arrange and pay for the delivery of drop boxes to the Recycling Building.

F. Provide payment of all funds due to the Recycler for each month within thirty (30) days of receiving the recycling report for that month.

4. DUTIES AND RESPONSIBILITIES OF THE RECYCLER

The Recycler agrees to accept and comply with the following duties and responsibilities:

A. Provide all labor, materials and equipment necessary for the recovery, processing, marketing and reporting of recyclable materials as set forth in the RFP, Proposal and Correspondence, and as previously defined and described. Specifically, those recyclable materials covered under this Agreement include:

(1) ONP
(2) OCC/paperboard
(3) Mixed Cans
(4) #1 & #2 Plastic Bottles and Jugs
(5) White Goods
(6) Office Paper
(7) Magazines

B. Operate and maintain the Recycling Building and associated site in a manner which is pest free, neat, clean, sanitary and generally not considered to create a nuisance by the County, neighboring businesses or general public.

C. Establish and post regular operating hours, subject to County approval, for:

(1) public access to the Recycling Building for drop-off of recyclable materials (not less than 40 hours per week).

(2) special times to purchase aluminum cans.

(3) other special collections which may be implemented.

County approval will not be unreasonably denied.

D. Provide the following insurance coverage on the Recycling Building and contents and Recycler's employees with copies of same provided to the County:

(1) Liability insurance for damage claims through public use of, or arising out of accidents occurring in or around the Recycling Building of:

(a) a minimum of One Million Dollars ($1,000,000) for bodily injury each occurrence and aggregate, and

(b) a minimum of Three Hundred Thousand Dollars ($300,000) for property damage, each occurrence and aggregate

(2) Workers Compensation coverage as required by law.

E. Operate the Recycling Building and associated facilities in accordance with all Federal, State and local laws and regulations which may pertain to the fulfillment of the terms of the Agreement and in a manner which does not detrimentally affect the operation of other activities in the Riverside Industrial Park.

F. Apply for and/or pay all applicable permits, taxes, license or other fees associated with fulfillment of the terms of this Agreement.

G. Maintain the County Baler as long as it is used by the Recycler.

H. Dispose of up to six cubic yards per week of Contaminated Materials at no cost to the County.

I. Seek and maintain written approval from the County prior to making any desired modifications to the Recycling Building. Approval of requested modifications shall not be unreasonably denied.

J. Provide on-site personnel during periods when the Recycling Building is open to the public. Insure the Recycling Building is locked and secured during non-operating hours.

K. Allow reasonable and timely access to the Recycling Building for the County, its employees, its contractors and the public for delivery and off-loading of recyclable materials.

L. Provide to the County, complete, thorough and timely, monthly recycling reports of recyclables processed and funds due either the County or the Recycler within thirty (30) days of the end of each month.

M. Provide payment of all funds due the County for each month within thirty (30) days of the end of that month.

N. The recycler shall provide a roll-off style container for the collection of residential white goods from Allegany County residents. All costs associated with processing of white goods including but not limited to provision of a suitable container, removal of refrigerants or hazardous materials in accordance with applicable regulations (e.g. 40 CFR Part 82, Subpart F), labor to load the container, and hauling shall be at the recyclers expense. White goods shall not be stored on the site outside for the container for longer than 2 business days.

5. PAYMENTS BY THE COUNTY TO THE RECYCLER

A. The County shall compensate the Recycler the difference between a processing fee of $51.00 per ton for FY 2011, $52.00 per ton for FY 2012 and $53.00 per ton for FY 2013, and any lesser price the Recycler shall receive by marketing of the following recyclable materials:

(1) ONP (No. 8 Grade)
(2) Mixed Cans
(3) #1 & #2 Plastic Bottles and Jugs
(4) School Office Paper Collection

6. PAYMENTS BY THE RECYCLER TO THE COUNTY

A. The Recycler shall compensate the County at a rate of one-half (50%) of the price received in excess of the basic processing fee of $51.00 per ton for FY 2011, $52.00 per ton for FY 2012 and $53.00 per ton for FY 2013, the Recycler shall receive by marketing the following recyclable materials:

(1) ONP (No. 8 Grade)
(2) Mixed Cans
(3) #1 & #2 Plastic Bottles and Jugs
(4) School Office Paper Collection
(5) OCC/paperboard delivered to the Penn-Mar Recycling Center by County staff including the Department of Public Works and the Allegany County Board of Education.

B. The Recycler shall compensate the County one dollar ($1.00) per year to lease the first floor of the Recycling Building for the Recycler's use in performance of the terms of this Agreement.

C. The Recycler shall reimburse the County the actual cost of fire hazard damage and extended coverage insurance to be carried on the Recycling Building by the County. (Approximate cost $750 per fiscal year).

7. OTHER COSTS AND PAYMENTS

A. The County shall neither pay nor be compensated for the recovery, processing, reporting or marketing of the following recyclable materials:

(1) OCC/paperboard delivered to the Penn Mar Recycling Center by the public
(2) Separated Glass
(3) Office Paper
(4) Magazines
(5) Telephone Books
(6) White Goods

B. The Recycler agrees that should the volume of any recyclable materials increase significantly, thereby lowering the basic per ton processing fees stated previously for that recyclable material, the Recycler will lower the basic processing fee to the County for that recyclable material.

C. The Recycler agrees to consider the addition of other recyclable materials to this Agreement at the request of the County. Should such other recyclable materials be added to this Agreement in the future, the parties agree to negotiate a basic processing fee on which payments to the County and/or Recycler will be computed.

D. The Recycler shall pay for other utility services (e.g. water, sewer, gas, electric) which may be installed in the Recycling Building for the benefit of the Recycler during the term of this Agreement.

E. The Recycler shall pay all costs of properly repairing any damage done to the Recycling Building as a result of the Recycler's use of the Recycling Building. The County will perform an annual inspection around or on June 30 to inventory the existing facility and outline the appropriate repairs beyond normal wear and tear required to the Recycling Building. The Recycler shall have 60 days to complete the outlined repairs, e.g. damaged siding, equipment, walls, electrical fixtures, sprinkler system, etc. The Recycler shall be required to provide a Performance Bond to the County in the amount of $10,000 for the life of the contract to cover the cost of any repairs.

F. Any capital improvement projects (CIP) desired by the Recycler shall be reviewed and approved by the County prior to incorporation into the Recycling Building. All costs associated with any CIP shall be borne by the Recycler.

8. TERM

A. This Agreement shall become effective July 1, 2010 and be for a term of three (3) years from that date.

B. This Agreement may be amended at any time by the mutual agreement of the parties hereto. Within thirty (30) days of the end of the second full year of operation under this Agreement (i.e. July 1, 2012), the parties agree to meet to discuss extending the term of this Agreement.

9. RENEWAL OF AGREEMENT

A. Notwithstanding Section 8B., the Recycler shall have the Option to renew this Agreement for an additional term of one (1) year, upon the terms and provisions of this Agreement, by giving the County notice in writing of its intention to renew said Agreement one hundred eighty (180) days prior to the expiration of this Agreement. The right to exercise this Option shall be contingent upon the County being satisfied the Recycler is in full compliance with the terms of this Agreement.
The FY 2013 processing fee of $53.00 per ton shall apply to this one (1) year renewal unless otherwise agreed upon by the County and Recycler.

B. If the Recycler exercises his option to renew this Agreement for a one (1) year term, then, at the expiration of said one (1) year term, said Recycler shall have the option to renew this Agreement for a second one (1) year term, by giving written notice of its intention to renew said Agreement one hundred eighty (180) days prior to the expiration of said renewal term. The FY 2013 processing fee of $53.00 per ton shall apply to this one (1) year renewal unless otherwise agreed upon by the County and Recycler. The right to exercise this Option shall be contingent upon the County being satisfied the Recycler is in full compliance with the terms of this Agreement.

C. Notwithstanding the above, the County shall have the right to manage its recycling program in a manner that is in the best interest of the County. At any time the Recycler desires to exercise an Option to renew the Agreement, the County shall have the right to add or discontinue acceptance of specific recyclable materials for that Option period should conditions arise that warrant such action.

10. DEFAULT/PENALTIES

Should the Recycler default on any of the terms of this Agreement, it shall be subject to payment of the following penalties to the County:

A. Reimbursement of the cost of all labor, equipment, materials or services incurred by the County in excess of those which the County would have normally expected to incur under the terms of this Agreement for recovery, processing, reporting and marketing of recyclable materials for a period until: (1) the default is remedied; (2) six (6) months from the date of default; or (3) the County secures an Agreement with another recycler, whichever is less.

B. A late payment penalty of one percent (1%) per month shall be assessed and paid by the Recycler to the County for all payments which are more than thirty (30) days overdue from the end of the month for which the payment is based.

C. Should the Recycler fail to keep the Recycling Building and associated site in neat, clean and non-nuisance manner as set forth in Section 4B of this Agreement, the County shall have the right, after written notice to the Recycler, to have the area exterminated, cleaned and/or sanitized with the cost of same being deducted from any funds due the Recycler.

11. FORCE MAJEURE

Neither party shall be considered to be in default with respect to any obligations under this contract by reason of uncontrollable forces. The term "uncontrollable forces" being deemed, for the purposes of this contract, to mean any cause beyond the control of the party affected, including but not limited to flood, earthquake, storm lightning, fire, epidemic, war, riot, civil disturbance, labor disturbance, sabotage, and restraint by a court of public authority, which, by exercise of due diligence and foresight, such party could not reasonably have been expected to avoid. Either party rendered unable to fulfill any obligations by reason of uncontrollable forces shall exercise due diligence to remove such inability with all reasonable dispatch.

12. MISCELLANEOUS

A. It is recognized that this Agreement involves the handling of used materials and that appropriate precautions will be taken to protect workers, visitors, area homes and businesses and the environment. Both parties agree to promptly notify each other in the event they encounter problems or difficulties affecting its performance under the terms of this Agreement. Each party also agrees to take appropriate action to resolve such problems as quickly and as reasonably as possible.

B. Each party will provide all licenses, easements and rights-of-way reasonably necessary to implement the purposes of this Agreement.

C. Each party will provide all reasonable cooperation and execute all documents as may be reasonably required and use all reasonable diligence to fully consummate and carry out the purposes of this Agreement.

D. This Agreement shall be governed by and interpreted in accordance with the laws of the State of Maryland.

E. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns provided, however, that neither party will assign this Agreement without the prior written consent of the opposite party.

F. Official notices or communications pursuant to this Agreement shall be sent to the respective parties by first class mail at the following address:

County Commissioners of Allegany County
701 Kelly Road
Cumberland, Maryland 21502
Attn: County Administrator

Penn-Mar Recycling, LLC
Attn: Kim and Steve Miller
167 Warmuth Lane
Bedford, PA 15522

In addition, each party designates the following person as its representative for the purposes of coordination and communications pursuant to this Agreement. Copies of all notices pursuant to this Agreement shall also be sent to the designated representatives at the following addresses:

For County Commissioners of Allegany County
Recycling Coordinator, Allegany County Department of Public Works
County Office Complex
701 Kelly Road
Cumberland, Maryland 21502

For Penn-Mar Recycling, LLC
Mr. Steven Miller
167 Warmuth Lane
Bedford, PA 15522

IN WITNESS WHEREOF, the parties have cause this Agreement to be executed by their respective representatives hereunder duly authorized, all of the day and year first above written.

BOARD OF COUNTY COMMISSIONERS OF ALLEGANY COUNTY

Cathy E. Blank
WITNESS
~~Carol A. Gaffney, CLERK~~
Cathy E. Blank, CLERK

James J. Stakem
JAMES J. STAKEM, PRESIDENT

Robert M. Hutcheson
ROBERT M. HUTCHESON, COMMISSIONER

Dale R. Lewis
Dale R. Lewis, COMMISSIONER

PENN-MAR RECYCLING, LLC

Kimberly S. Miller
WITNESS
KIMBERLY S. MILLER

John Walker
WITNESS
STEVEN D. MILLER

Appendix B:

Summary of applicable state and federal regulations

The following information was adapted from the Carroll County, Maryland Solid Waste Management Plan. The use of this material is both acknowledged and appreciated.

Summary of Federal Statues affecting Solid Waste Management (General)

Resource Conservation and Recovery Act (RCRA):

A primary objective of RCRA is promotion of recycling and reuse of recoverable materials. RCRA also provides guidelines for environmentally sound handling and disposal of both hazardous and nonhazardous solid waste. Subtitle D of RCRA specifies criteria for Municipal Solid Waste landfills.

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), or Superfund:

CERCLA establishes programs for the identification and remediation of waste disposal sites containing hazardous substances; establishes standards for clean-up efforts and disposal of wastes and provides a mechanism for assigning liability for contaminated sites.

Clean Water Act (CWA):

Section 402 of the CWA establishes the National Pollutant Discharge Elimination System (NPDES) program which regulates effluent limitations for the discharge of wastewater and runoff from solid waste management facilities into bodies of water. The construction of facilities which may impact waters of the United States is regulated by Section 404 which is administered by the US Army Corps of Engineers. Section 405 addresses the disposal of wastewater treatment sludge.

Clean Air Act (CAA):

The CAA regulates emissions from landfill gas management systems and combustion facilities. Landfill operators must comply with the requirements of the state implementation plan established under section 110.

Safe Drinking Water Act (SDWA):

The SDWA establishes maximum contaminant levels (MCLs) for parameters included in groundwater monitoring programs.

Federal Emergency Management Act:

The Federal Emergency Management Act prohibits the siting of solid waste facilities within the 100 year floodplain.

Endangered Species Act (ESA):

The ESA prohibits construction or operation of facilities that would result in the “taking’ of an endangered or threatened wildlife species, or in the destruction of their critical habitat.

Summary of applicable Federal Regulations (CFR, Title 40, Chapter I, Subchapter I)

Part 258: Criteria for Municipal Solid Waste Landfills (Subtitle D Regulations)

Establishes minimum national criteria for the design and operation of municipal solid waste landfills. Includes location restrictions, operating criteria, design criteria, groundwater monitoring and corrective action, closure and post-closure care, and financial assurance criteria. Design standards apply only to new landfills and lateral expansions of existing facilities.

Part 260: Hazardous Waste Management System – General

Provides definitions of terms and a general overview of parts 260 through 265.

Part 261: Identification and Listing of Hazardous Waste

Provides identification of those materials which are subject to regulation as hazardous wastes under Parts 270, 271, and 124.

Part 262: Standards Applicable to Generators of Hazardous Waste

Establishes standards for generators of hazardous wastes including EPA identification numbers, manifest, pre-transportation requirements, record-keeping, and reporting.

Part 263: Standards Applicable to Transporters of Hazardous Waste

Establishes regulations for transporters of materials requiring a manifest as ddefined in Part 262.

Part 264: Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities

Establishes minimum national standards for the management of hazardous wate.

Part 265: Interim Status Standards for Owners and Operators of hazardous Waste Treatment, Storage, and Disposal Facilities.

Establishes minimum national standards that define the management of hazardous waste during the period of interim status and until the certification of post-closure or closure of the facility.

Part 266: Standards for the Management of Specific hazardous Wastes and Specific Types of Hazardous Waste Management Facilities

Establishes minimum national standards for the recyclable materials used in a manner constituting disposal, hazardous waste burned for energy recovery, used oil burned for energy recovery, recyclable material used for precious metal recovery and spent batteries being reclaimed.

Part 268: Land Disposal Restrictions

Identifies a schedule to evaluate listed wastes for prohibition of land disposal and establishment of treatment standards for these wastes.

Part 270: EPA Administered Permit Programs: The Hazardous Waste Permit Program

Application requirements, standard permit conditions, monitoring, and reporting requirements for EPA permitting for the treatment, storage, and disposal of hazardous waste.

Part 271: Requirements for Authorization of State Hazardous Waste Programs

Identifies the requirement that state programs must meet to fulfill interim and final authorization as well as the procedures EPA uses to approve, revise and withdraw approval of state programs.

Part 272: Approved State Hazardous Waste Programs

Establishes the applicable state hazardous waste management programs.

Summary of Annotated Code of Maryland Titles Affecting Solid Waste Management

Annotated Code of Maryland – Environment Article

Title 4 – Water Management
Title 6 – Toxic, Carcinogenic and Flammable Substances
Title 7 – hazardous Materials and Substances
Title 9 – Environment Article.

MDE regulates the location, design and operation of sanitary landfills through refuse disposal permits issued and enforced under authority of the following sections of the Environment Article.

Section 204 Installing, Altering or Extending Water Supply Systems, Sewerage Systems or Refuse Disposal Systems
Section 204.1 Installing, Altering or Extending Incinerators
Section 204.2 Installing, Altering or Extending Landfill Systems
Section 209 Landfill System Hearings
Section 210 Prerequisites for issuance of Permit
Section 211 Landfills, Incinerators and Transfer Stations, Requirements for Security
Section 212 Landfill Systems – Options to Purchase
Section 212.1 Denial of Permit to Nongovernment Person
Section 213 Term of Permit (5 years)
Section 214 Revoking or Refusal to Renew a Permit
Section 215 Closure and Cover When Operation Ends
Section 225 Landfills Near Hospitals Prohibited (1/2 Mile Radius)
Section 226 Certification of Public Necessity Required for Hazardous Waste Landfill System
Section 227 Infectious Waste in Landfill System Prohibited
Section 228 Scrap Tires – Storage, Recycling, and Disposal

Summary of Maryland Regulations Affecting Solid Waste Management

Under Title 08 (Department of Natural Resources), the following sections must be considered in the siting of solid waste management facilities:

- Subtitle 3 – Chapter 8, Threatened and Endangered Species
- Subtitle 9 – Chapters 1-6, Forest Conservation

Under Title 09

- Subtitle 5 – County Water and Sewerage Plans
- Subtitle 17 – Office of Recycling, Created MDE's Recycling Program and defined and mandated county recycling goals.

Under Title 26

- Subtitle 3 – Chapter 3, Water Supply, Sewerage, Solid Waste and Pollution Control Planning and Funding – Development of County Comprehensive solid Waste Management Plans: Requires that each county maintain a current solid waste management plan and establishes the format for these plans.
- Subtitle 3 – Chapter 10, Financial Assistance for the Constructing of Solid Waste Processing and Disposal Facilities: Stipulates the requirements, priority listing criteria and ranking system for counties to receive financial assistance from the state.
- Subtitle 4 – Chapter 7, Regulations of Water Supply, Sewerage Disposal on, Solid Waste Management: Regulations for permitting, designing, constructing, operating and closing municipal, land clearing debris, rubble and industrial waste landfills, processing facilities, transfer stations and incinerators.

Other regulations under title 26 important to solid waste management include:

- Subtitle 4 – Chapter 6, Sewage Sludge Management
- Subtitle 4 – Chapter 8, Scrap Tire Regulations
- Subtitle 4 – Chapter 9, Natural Wood Waste Recycling Facilities
- Subtitle 5 – Chapter 3, Construction on Nontidal Waters and Floodplains
- Subtitle 5 – Chapter 4, Nontidal wetlands
- Subtitle 5 – Chapter 7, Wetlands Regulations
- Subtitle 8 – Water Pollution
- Subtitle 9 – Chapter 1, Erosion and Sediment Control
- Subtitle 9 – Chapter 2, Stormwater Management
- Subtitle 11 – Air Quality
- Subtitle 13 – Disposal of Controlled Hazardous Substances

Appendix C:

Bibliography

Bibliography / Resource List

Institute for Local Self Reliance (1991), Beyond 40 Percent: Record Setting Recycling and Composting Programs, Island Press, Washington, DC, 280pp.

Skumatz, L. (1995), *Continued Growth for Variable Rates*, Biocycle, November 1995, pg 36-38.

O'Leary, P.R. and P.W. Walsh (1995), Decision Maker's Guide to Solid Waste Management, Volume II. EPA/600, USEPA, Washington DC, 348pp.

"Managing Residential Municipal Solid Waste: The Unit-pricing Approach", Resource Recycling, November 1993.

USEPA Pay As You Throw (PAYT) Research
http://www.epa.gov/waste/conserve/tools/payt/research.htm

State of Maryland Recycling Directory
http://www.mdrecycles.org/recyclingDirectory.php

Appendix D:

Solid Waste Management Board Bylaws

ALLEGANY COUNTY SOLID WASTE MANAGEMENT BOARD
BYLAWS

August 6, 1997
Revised May 27, 1998
Revised September 21, 2000
Revised December 10, 2009

ARTICLE I
Name

The name of this Board shall be the Allegany County Solid Waste Management Board (hereafter referred to as the Board).

ARTICLE II
Mission

The mission of this Board is to implement the Allegany County Solid Waste Management Plan (hereafter referred to as the Plan), address solid waste issues, and provide guidance to the Allegany County Commissioners or other citizens and jurisdiction as appropriate in all matters of solid waste management.

ARTICLE III
Purpose

The purpose of this Board is to review solid waste management issues in Allegany County and to participate in planning for solid waste management by:

- Establishing a Board structure which emphasizes the Reduce/Reuse/Recycle/Compost/Landfill hierarchy for solid waste management as outlined in Chapter IV of the Plan;

- Prioritizing and implementing measurable program goals;

- Researching local, regional, state, national, and global trends and strategies related to solid waste management;

- Developing and recommending programs based on solid waste management research;

- Continually monitoring and evaluating the County’s solid waste management programs in relationship to the Board established objectives;

- Facilitating public education of research findings and suggested programs, program outcomes and evaluations;

- Preparing updates of the County's Plan in accordance with Maryland Department of the Environment mandates, including other members as needed for this task;

- Serving as the Plan's advisory body, including additional members as needed, when the County next has need to site a landfill;

- Reviewing legislative requirements, demographic data, and the existing solid waste management system;

- Presenting periodic reports to the Allegany County Commissioners, and

- Performing other activities as needed.

ARTICLE IV
Members

Section 1: The membership of this Board shall be fifteen (15) members.

Section 2: Appointed by the Allegany County Commissioners, Board members shall be chosen from residents, businesses, non-profits, and county and municipal governments of Allegany County with reference to "Decision Makers Guide to Solid Waste Management" (EPA.530-SW-89-072). County residency is only required for Citizens-at-large.

Section 3: Representation and terms shall be as follows:

The following 6 entities shall have a permanent seat on the Board:

Allegany County Board of Education
Allegany County Government
Allegany County Health Department
Chamber of Commerce
City of Cumberland
City of Frostburg

Representatives of the following 8 groups shall serve 2-year terms on the Board with re-appointments to additional terms permitted. Each group shall have one representative with the exception of citizens-at-large (2 representatives).

Citizen Advocate Group
Citizens-at-large - Two (2) representatives
Environmental Group
Environmental/Technical
Institutional
Solid Waste Hauler/Recycler
Waste Industry
Construction Industry

Section 4: Each representative shall identify one additional person to serve as the alternate in the absence of the primary representative. The alternate shall be appointed by the Allegany County Commissioners as described in Article IV, Section 2, and shall be afforded voting privileges when acting in a substitute capacity.

Section 5: An entity or group absent for three (3) consecutive meetings may have their representative and alternate replaced at the discretion of the Allegany County Commissioners.

Section 6: The County shall provide general staff support.

Section 7: The Allegany County Recycling Coordinator, or Designee, shall function as secretary to the Board.

Section 8: The members shall serve without compensation.

ARTICLE V
Officers

Section 1: The officers of this Board shall be Chair and Vice-chair. These officers shall perform the duties prescribed in Article VII of these bylaws.

Section 2: The Chair and Vice-chair shall be elected by majority vote biennially (beginning 2010) at the January meeting and shall serve for two (2) years or until their successors have been elected. Officers shall be representatives described in article IV with due consideration for conflicts of interest as discussed in Article IX.

Section 3: The duties of Secretary and Treasurer shall be performed by County government staff.

Section 4: In the event of resignation of the Chair, the Vice-chair shall assume the role of Chair for the remainder of the term and a special election will be held at the next Board meeting to elect a replacement Vice-chair. In the event of resignation of the Vice-chair, a special election will be held at the next Board meeting to elect a replacement Vice-chair.

Section 5: Four (4) months prior to the next regularly scheduled election, officers shall advise the Board if they intend to run for re-election.

ARTICLE VI
Meetings

Section 1: The regular meetings of the Board shall be held quarterly, or more often, at the call from the Chair, at a time and place approved by a majority of the Board members.

Section 2: An annual meeting shall be held in January of each year and shall be used for election of officers, receiving reports, preparing the annual report, and presenting the budget request for the upcoming year (to the County Commissioners).

Section 3: Special meetings may be called by the Chair as needed. At least three (3) business days notice shall be given.

Section 4: A simple majority of the Board shall constitute a quorum.

Section 5: In accordance with the State of Maryland "Sunshine Laws", all meetings shall be publicly announced and opened to the public.

Section 6: All meetings shall be conducted in accordance with the current edition of Robert's Rules of Order.

ARTICLE VII
Duties of Officers

Duties of Chair:

- Chairs and conducts all meetings of the Board; may establish ad hoc committees, and

- Appoints members and monitors committees assigned to address specific areas of concerns;

- Performs such other duties as designated by the Board.

Duties of Vice-chair:

- Acts in the absence of the Chair.

ARTICLE VIII
Committees

Section 1: Standing committees include (a) Reduce/ Reuse, (b) Recycle/Compost, (c) Landfill, and (d) Education and Public Relations.

Section 2: Other committees may be established as deemed appropriate by the Board.

ARTICLE IX
Conflicts of Interest

Section 1: When a member recognizes he/she has an obvious conflict of interest with an issue or item presented for discussion, the member shall be excused from the meeting during such discussion and/or refrain from voting on that issue, at the Chair's discretion and direction.

Section 2: Additional legal questions concerning conflicts of interest shall be referred to the Allegany County Attorney for advice and legal opinion.

ARTICLE X
Amendments

Section 1: These bylaws may be amended at any meeting of the Board by two-thirds vote of the total membership. Any such amendment is not effective until ratified by the Allegany County Commissioners.

Section 2: The proposed amendment must be introduced and discussed at a prior meeting and a written copy of the proposed amendment must be sent to each member prior to the meeting at which it will be voted upon.

Appendix E:

State of Maryland Litter Control Law

Maryland Code, Criminal Law, Title 10, Section 110

§ 10-110. Litter Control Law.

(a) *Definitions.*-

(1) In this section the following words have the meanings indicated.

(2) "Bi-county unit" means:

(i) the Maryland-National Capital Park and Planning Commission; or

(ii) the Washington Suburban Sanitary Commission.

(3) "Litter" means all rubbish, waste matter, refuse, garbage, trash, debris, dead animals, or other discarded materials of every kind and description.

(4) "Public or private property" means:

(i) the right-of-way of a road or highway;

(ii) a body of water or watercourse or the shores or beaches of a body of water or watercourse;

(iii) a park;

(iv) a parking facility;

(v) a playground;

(vi) public service company property or transmission line right-of-way;

(vii) a building;

(viii) a refuge or conservation or recreation area;

(ix) residential or farm property; or

(x) timberlands or a forest.

(b) *Declaration of intent.*- The General Assembly intends to:

(1) prohibit uniformly throughout the State the improper disposal of litter on public or private property; and

(2) curb the desecration of the beauty of the State and harm to the health, welfare, and safety of its citizens caused by the improper disposal of litter.

(c) *Prohibited.*- A person may not:

(1) dispose of litter on a highway or perform an act that violates the State Vehicle Laws regarding disposal of litter, glass, and other prohibited substances on highways; or

(2) dispose or cause or allow the disposal of litter on public or private property unless:

(i) the property is designated by the State, a unit of the State, or a political subdivision of the State for the disposal of litter and the person is authorized by the proper public authority to use the property; or

(ii) the litter is placed into a litter receptacle or container installed on the property.

(d) *Presumption of responsibility*.- If two or more individuals are occupying a motor vehicle, boat, airplane, or other conveyance from which litter is disposed in violation of subsection (c) of this section, and it cannot be determined which occupant is the violator:

(1) if present, the owner of the conveyance is presumed to be responsible for the violation; or

(2) if the owner of the conveyance is not present, the operator is presumed to be responsible for the violation.

(e) *Property owner not in court*.- Notwithstanding any other law, if the facts of a case in which a person is charged with violating this section are sufficient to prove that the person is responsible for the violation, the owner of the property on which the violation allegedly occurred need not be present at a court proceeding regarding the case.

(f) *Penalty*.-

(1) A person who violates this section is subject to the penalties provided in this subsection.

(2) (i) A person who disposes of litter in violation of this section in an amount not exceeding 100 pounds or 27 cubic feet and not for commercial gain is guilty of a misdemeanor and on conviction is subject to imprisonment not exceeding 30 days or a fine not exceeding $1,500 or both.

(ii) A person who disposes of litter in violation of this section in an amount exceeding 100 pounds or 27 cubic feet, but not exceeding 500 pounds or 216 cubic feet, and not for commercial gain is guilty of a misdemeanor and on conviction is subject to imprisonment not exceeding 1 year or a fine not exceeding $12,500 or both.

(iii) A person who disposes of litter in violation of this section in an amount exceeding 500 pounds or 216 cubic feet or in any amount for commercial gain is guilty of a misdemeanor and on conviction is subject to imprisonment not exceeding 5 years or a fine not exceeding $30,000 or both.

(3) In addition to the penalties provided under paragraph (2) of this subsection, a court may order the violator to:

(i) remove or render harmless the litter disposed of in violation of this section;

(ii) repair or restore any property damaged by, or pay damages for, the disposal of the litter in violation of this section;

(iii) perform public service relating to the removal of litter disposed of in violation of this section or to the restoration of an area polluted by litter disposed of in violation of this section; or

(iv) reimburse the State, county, municipal corporation, or bi-county unit for its costs incurred in removing the litter disposed of in violation of this section.

(4) In addition to, or instead of, the penalties provided in paragraphs (2) and (3) of this subsection, the

court may suspend for up to 7 days the license of the person to operate the type of conveyance used in the violation who is presumed to be responsible for the violation under subsection (d) of this section.

(g) *Enforcement.*- A law enforcement unit, officer, or official of the State or a political subdivision of the State, or an enforcement unit, officer, or official of a commission of the State, or a political subdivision of the State, shall enforce compliance with this section.

(h) *Receptacles to be provided; notice of provisions.*- A unit that supervises State property shall:

(1) establish and maintain receptacles for the disposal of litter at appropriate locations where the public frequents the property;

(2) post signs directing persons to the receptacles and serving notice of the provisions of this section; and

(3) otherwise publicize the availability of litter receptacles and the requirements of this section.

(i) *Disposition of fines.*-

(1) Fines collected for violations of this section shall be disbursed:

(i) to the county or municipal corporation where the violation occurred; or

(ii) if the bi-county unit is the enforcement unit and the violations occurred on property over which the bi-county unit exercises jurisdiction, to the bi-county unit.

(2) Fines collected shall be used to pay for litter receptacles and posting signs as required by subsection (h) of this section and for other purposes relating to the removal or control of litter.

(j) *Authority of local governments.*-

(1) The legislative body of a municipal corporation may:

(i) prohibit littering; and

(ii) classify littering as a municipal infraction under Article 23A, § 3(b) of the Code.

(2) The governing body of Prince George's County may adopt an ordinance to prohibit littering under this section and, for violations of the ordinance, may impose criminal penalties and civil penalties that do not exceed the criminal penalties and civil penalties specified in subsection (f)(1) through (3) of this section.

(k) *Short title.*- This section may be cited as the "Litter Control Law".

[An. Code 1957, art. 27, § 468(a), (b), (c)(1), (2), (4), (5), (d)-(j); 2002, ch. 26, § 2; 2004, ch. 214.]

Appendix F:

Local municipal ordinances related to solid waste

Note that these ordinances were current at the time of publication and are provided for information only. For current ordinance information, contact the municipality directly.

Chapter 21 SOLID WASTE*

***Editor's note:** Ord. No. 3102, § 1, adopted Sept. 23, 1991, repealed ch. 14 of the city's 1966 Code, as the same was amended by Ord. No. 3084, § 1, adopted June 7, 1991, and by Ord. No. 3085, § 1, adopted June 18, 1991, which pertained to solid waste. Ord. No. 3102 reenacted similar new provisions as set out in §§ 21-1--21-8.

Charter references: Authority to regulate solid waste, § 72; dumping in streams, § 76.

Cross references: Nuisances, Ch. 14; water, sewers and sewage disposal, Ch. 24.

State law references: Litter control, Ann. Code of Md. art. 27, § 468; recycling of solid waste, Ann. Code of Md. art. Environment, § 9-1701 et seq.

Sec. 21-1. Definitions.
Sec. 21-2. Authority of city council to contract for refuse removal.
Sec. 21-3. Requirements for collection vehicles.
Sec. 21-4. Garbage, etc., to be placed in authorized receptacles; collection of garbage.
Sec. 21-5. Ashes.
Sec. 21-6. City ash tags; specifications.
Sec. 21-7. Limitation on quantity.
Sec. 21-8. Enforcement of chapter.
Sec. 21-8.1. Setting and collection of rates for refuse collection.
Sec. 21-9. Penalties.
Sec. 21-10. Dumpsters.

Sec. 21-1. Definitions.

Unless the context specifically indicates otherwise, the following terms and phrases, as used in this chapter, shall have the meanings hereinafter designated.

City means the mayor and city council of Cumberland.

City ash tag means a tag sold by the city which must be attached to an acceptable ash container for the purpose of ash collection.

Commercial customer means any person who owns or occupies any building within the city which is primarily used for the conduct of any activity with the intent of realizing a profit from the sale of goods or services.

Construction and demolition debris means refuse which is incidental to construction, renovation or demolition of buildings, other structures or appurtenances.

Garbage means putrescible animal and vegetable wastes resulting from the handling, preparation, cooking and consumption of food.

Industrial customer means any person who owns or occupies any building within the city which is used primarily for the manufacture or production of any product.

Person means any person, firm, partnership, association, corporation, company or organization of any kind.

Refuse means all putrescible and nonputrescible solid waste (excluding bodily waste), including garbage, rubbish, ashes, street cleanings and dead animals. Refuse does not include ashes, demolition and construction debris, white goods, furniture, household appliances, large tree limbs and other items that are unsuitable for regular refuse collection services.

Residential customer means any person who owns or occupies a dwelling or dwelling unit.

Rubbish means nonputrescible solid waste consisting of both combustible and noncombustible waste, such as paper, cardboard, tin cans, yard clippings, wood, glass, bedding and crockery.

Tax exempt customer means any person who owns or occupies a property which is exempt from real estate tax under the laws of the State of Maryland or the United States.

Yard waste means grass clippings, weeds, hedge clippings, garden waster, leaves, twigs and brush.

(Ord. No. 3102, § 1, 9-23-91; Ord. No. 3111, § 1, 4-14-92; Ord. No. 3140, § 1, 12-8-92; Ord. No. 3371, § 1, 6-19-01)

Sec. 21-2. Authority of city council to contract for refuse removal.

The city council may contract with some responsible person, from time to time, for periods of not less than one (1) year nor more than five (5) years in any one (1) contract, for the removal of all refuse and ashes from commercial customers, industrial customers, tax exempt customers and residential customers within the city. If the city council should deem expedient, at any time, they may employ a sufficient number of vehicles for the removal by the city directly of such material. The person with whom such contract may be made, before the same shall be effective, shall execute and deliver to the city council a bond conditioned for the faithful performance of such contract in such penalty and with such security as the city council deems sufficient.

(Ord. No. 3102, § 1, 9-23-91; Ord. No. 3111, § 1, 4-14-92; Ord. No. 3140, § 1, 12-8-92; Ord. No. 3371, § 2, 6-19-01)

Sec. 21-3. Requirements for collection vehicles.

All vehicles employed by the city or any contractor in the removal of refuse and ashes or other materials pursuant to section 21-2 shall be tightly closed and shall be covered with an impervious substance so as to prevent dust or effluent from falling from such vehicle while being hauled through the streets of the city.

(Ord. No. 3102, § 1, 9-23-91; Ord. No. 3111, § 1, 4-14-92; Ord. No. 3140, § 1, 12-8-92)

Sec. 21-4. Garbage, etc., to be placed in authorized receptacles; collection of garbage.

(a) *Placement of refuse for collection.* It shall be the duty of persons having refuse to be disposed of to place the same in tight, covered containers, paper bags, or plastic bags having a capacity not in excess of thirty-two (32) gallons. All garbage must be drained and wrapped in paper before being placed in such containers and such containers shall be placed in a

convenient place so that the garbage collector may gather the same. In no event shall a refuse container placed for collection weigh in excess of forty (40) pounds.

All pasteboard boxes, brush or similar items placed for collection must be cut down and/or folded to a length not to exceed forty-eight (48) inches and securely tied with stout cord in suitable bundles, not to exceed forty (40) pounds per bundle. Magazines shall be tied in bundles not to exceed forty (40) pounds. Newspapers shall be tied in bundles not to exceed forty (40) pounds.

(b) *Prohibited containers.* Oil drums, chemical containers, shortening cans, railroad spike cans, carbide cans, unsuitable plastic containers, kitchen and bathroom waste paper cans, shall not be permitted for the disposal of garbage, ashes, or rubbish.

(c) *Time of placement for collection.* No garbage ashes or refuse may be placed for collection before dusk of the day before collection. Empty containers must be removed prior to 6:00 p.m. on the day of collection.

(d) *Responsibility of customer.* The customer will be responsible for picking up garbage, ashes, or refuse scattered or littered about as a result of upset cans, torn bags, etc.

(Ord. No. 3102, § 1, 9-23-91; Ord. No. 3111, § 1, 4-14-92; Ord. No. 3248, § 1, 12-10-96; Ord. No. 3371, § 3, 6-19-01)

Sec. 21-5. Ashes.

It shall be the duty of persons having ashes to be disposed of to place the same in suitable watertight metal, rubber or plastic containers holding not in excess of forty (40) pounds in weight. All ashes must be dry and may not be mixed with garbage.

(Ord. No. 3102, § 1, 9-23-91; Ord. No. 3111, § 1, 4-14-92)

Sec. 21-6. City ash tags; specifications.

City ash tags shall be of a distinctive color and printed with the city seal or other appropriate words which indicate to the garbage collector that when the tag is affixed to an ash container, it is intended for collection. The price for an ash tag shall be fifty cents ($0.50) each.

(Ord. No. 3140, § 1, 12-8-92)

Sec. 21-7. Limitation on quantity.

(a) No customer shall place for collection an amount of refuse or ashes more than that which would be reasonable for one in his circumstances. The city shall have the authority to refuse the collection of unreasonable amounts. Notwithstanding the foregoing, no customer shall place for pickup, at any one (1) time, more than two (2) bags of yard waste nor more than four (4) containers of ashes; provided, however, that a customer may place in excess of four (4) containers of ashes for collection if such additional containers have affixed to them an ash tag.

(b) Notwithstanding the provisions of subsection (a), no customer shall, during the months of April through October, place for pickup any yard waste on regular collection days. Rather, yard waste shall be placed for collection on such days as determined by order of the mayor

and city council. During such special collection periods, a customer may place more than two (2) bags of yard waste for collection so long as the amount placed is not unreasonable.

(Ord. No. 3102, § 1, 9-23-91; Ord. No. 3111, § 1, 4-14-92; Ord. No. 3140, § 1, 12-8-92; Ord. No. 3169, § 1, 4-19-94)

Sec. 21-8. Enforcement of chapter.

It shall be the duty of the city administrator and of the city police to watch over the collection of refuse, ashes and other material as provided in this chapter, and to report to the mayor and city council and the county health officer all cases of neglect of duty on the part of the garbage contractor, any driver of a garbage vehicle or of any customer, as provided by this chapter.

(Ord. No. 3102, § 1, 9-23-91; Ord. No. 3111, § 1, 4-14-92; Ord. No. 3140, § 1, 12-8-92; Ord. No. 3371, § 4, 6-19-01)

Sec. 21-8.1. Setting and collection of rates for refuse collection.

(a) The following fees shall be charged by the city for garbage collection:

(1) *Residential customers.*

a. Per month . . . $8.63

or

b. Per quarter . . . 25.09

or

c. Per year . . . 100.36

(2) *Commercial customers.*

a. Per month . . . 15.94

or

b. Per quarter . . . 47.82

or

c. Per year . . . 191.28

(3) *Industrial customers.*

a. Per month . . . 15.94

or

b. Per quarter . . . 47.82

or

c. Per year . . . 191.28

(4) *Tax exempt customers.*

a. Per month . . . 8.63

or

b. Per quarter . . . 25.09

or

c. Per year . . . 100.36

Whether a customer is billed on a monthly, quarterly or yearly basis shall depend upon whether that customer is billed on a monthly, quarterly or yearly basis for water and sewer services by the City of Cumberland.

(b) Refuse collection fees shall be due and payable at the same time that the water and sewer charges are due and payable with respect to said customers and partial payment on any bill will first be credited to amounts for refuse collection services and the balance to outstanding charges for water and sewer services.

(c) Commercial, industrial or tax exempt customers with a valid dumpster permit issued by the director of administrative services shall be exempt from paying the trash fee contained in this section.

(Ord. No. 3371, § 5, 6-19-01; Ord. No. 3405, § 1, 6-18-02; Ord. No. 3452, § 1, 6-17-03; Ord. No. 3530, §§ 1, 2, 6-14-05; Ord. No. 3558, § 1, 6-13-06; Ord. No. 3585, §§ 1, 2, 6-12-07)

Sec. 21-9. Penalties.

Any violation of any provision of this chapter shall be a municipal infraction and the violator shall be fined fifty dollars ($50.00). Each day a violation occurs shall constitute a separate offense.

(Ord No. 3248, § 2, 12-10-96)

Sec. 21-10. Dumpsters.

(a) Any person, company, or corporation, prior to placing a dumpster on public or private property in the city for any period of time, shall first obtain a permit from the director of administrative services. Said permit shall specify the size and location of the dumpster and the length of time that said dumpster may be used on said property. The Mayor and City Council of Cumberland is hereby authorized to set a fee for such permits by order.

(b) Any person having placed a dumpster on public or private property shall be responsible, either in the event of the termination prior to the expiration of the permit or removal of the dumpster, to notify the director of administrative services of said action.

(c) In the event of multiple users of the dumpster, a permit for each user shall be required to be obtained from the director of administrative services by the person placing said dumpster on public or private property.

(d) Dumpsters used in the course of construction activity shall be governed by this section.

(e) A dumpster used in the city shall meet the following standards:

(1) The dumpster shall be painted so as to be reasonably resistant to rust and corrosion.

(2) The name and telephone number of the dumpster owner shall be clearly painted on at least two (2) sides of the dumpster.

(3) Dumpsters less than twenty (20) cubic yards in size shall be capable of being closed on all sides, except when opened for deposit or servicing.

(4) Dumpsters greater than twenty (20) cubic yards in size shall be capable of being secured so as to prevent the spillage of refuse, waste or garbage from the container.

(5) No dumpster located within two hundred (200) feet of a residential property shall be serviced between the hours of 11:00 p.m. and 5:00 a.m.

(f) Any dumpster used in the city shall be maintained and serviced with a frequency sufficient to prevent spillage from overflow, to prevent the buildup of offensive odors, and to prevent a public hazard. The responsibility for the maintenance and servicing of dumpsters shall rest with the user or renter of the dumpster. The maintenance of dumpsters shall include the clean-up and removal of all litter thrown or left on the dumpster premises to prevent litter from drifting or blowing onto adjacent premises.

(g) All commercial garbage and/or trash containers or dumpsters located within the City of Cumberland on any part or portion of the public right-of-way, that is, sidewalk, pedestrian footpath, or roadway, shall be illuminated with flashing beacon lights affixed thereto, or in the absence of beacons, sheeted/affixed with high intensity reflectorized orange and silver construction or work zone sheeting pursuant to regulations specified by the director of public works. All dumpsters shall be illuminated or reflectorized twenty-four (24) hours daily. The director of public works shall cause to be printed and have available for inspection and distribution the regulations cited in this subsection concerning specifications for beacon illumination or reflectorized sheeting.

(h) Any person who shall violate any provision of this section, or any provision of any rule or regulations adopted pursuant to authority granted by this section, shall be guilty of a municipal infraction punishable by a fine in the amount of five hundred dollars ($500.00).

(i) The provisions of this section shall be enforced by the director of public works.

(Ord. No. 3526, §§ 1--9, 5-31-05)

CITY OF CUMBERLAND
SOLID WASTE COLLECTION
Rules and Regulations

1. Containers shall be of a capacity not to exceed FORTY POUNDS in weight, and must have securely fitted lids. Paper or plastic garbage bags of suitable gauge and strength may be used in place of metal, rubber or plastic cans. When used, such bags must be securely fastened at the top. The number of bags per pickup is limited to eight (8) for residential customers, sixteen (16) for commercial customers (*1st tier*), and thirty (30) for commercial customers (*2nd tier*).

2. All ashes must be placed in suitable watertight, metal, rubber or plastic containers and not be in excess of FORTY POUNDS in weight. All ashes must be dry, cool enough for handling, and may not be mixed with garbage.

3. Oil drums, chemical containers, shortening cans, railroad spike cans, carbide cans, unsuitable plastic containers, kitchen and bathroom waste paper cans shall not be permitted for the disposal of garbage, ashes or rubbish.

4. All garbage and ash cans must have a handle that will extend down over the side of the can, or two suitable side handles, and must have securely fitted lids.

5. Place receptacles away from parked vehicles to insure pickup.

6. All boxes, brush, or similar items placed out for disposal must be cut down and/or folded to a length not to exceed forty-eight inches and must be tied and secured in suitable bundles before being placed at the curb. The weight of each bundle must not exceed FORTY POUNDS.

7. Magazines shall be tied and secured in bunches not to exceed FORTY POUNDS. Newspapers, if not recycled, shall also be tied and secured in bundles not to exceed FORTY POUNDS.

8. Collections will be made in accordance with the schedule mutually agreed upon by the City of Cumberland and the successful bidder.
   SCHEDULE:
   MONDAY AND THURSDAY: East Side, West Side
   TUESDAY AND FRIDAY: South Cumberland
   WEDNESDAY AND FRIDAY: Downtown
   WEDNESDAY AND SATURDAY: North Cumberland

9. No garbage, ashes, refuse, etc., may be placed at the curb before dusk the day before collection, and empty containers must be removed prior to 6:00 p.m. on the day of collection.

10. The responsibility for picking up garbage, ashes or refuse scattered or littered about, as a result of upset cans, torn bags, etc., is that of the homeowner or property owner from whom such garbage, etc., is to be collected.

11. A penalty of Fifty Dollars ($50.00) is prescribed for violating any of the rules and regulations pertaining to the disposal of garbage and other household refuse. THERE ARE SEVERAL PENALTIES FOR THROWING OR DUMPING GARBAGE, ASHES, OR REFUSE IN OR UPON ANY PROPERTY IN THE CITY LIMITS.

12. Nothing is to be placed at the curb in cardboard boxes, as they tend to break up and deteriorate when wet.

13. Construction material, at the discretion of the City of Cumberland, should not be placed at the curb for pickup.

14. Rocks and dirt are not acceptable as yard waste and will not be picked up.

BULK ITEM PICKUP PROGRAM

SCHEDULING

To schedule a collection, please call the Public Works Office at 301-759-6620 between the hours of 8:00 a.m. and 3:00 p.m., Monday – Friday.

All collections must be scheduled by the 20th of each month for collection the following month.

FEES

Category 1: $3.00 per item
Small chairs, tables, sinks, toilets, small televisions, and other items weighing under 50 pounds.

Category 2: $6.00 per item
Mattresses, box springs, couches, carpeting, padding, large televisions dressers, cabinets, bathtubs, and other items weighing between 50 and 150 pounds.

Category 3: $18.00 per item
White goods (stoves, refrigerators, washers, dryers, air conditioners, freezers, etc.)

ARTICLE IV:
MUNICIPAL REFUSE COLLECTION

City of Frostburg, MD

SECTION I:
SHORT TITLE

a) Short Title. This Ordinance shall be known and may be cited as the **"Municipal Refuse Collection Ordinance of the City of Frostburg."**

SECTION II:
DEFINITIONS

a) Definitions. For the purpose of this Ordinance, the following terms, phrases, words and their derivations shall have the meaning given herein. When not inconsistent with the context, the words used in the present tense include the future; words in the plural number include the singular number, and words in the singular number include the plural number. The word "shall" is always mandatory and not merely directory:

1) Apartment Building Customer. Any person who owns or occupies a building containing three (3) or more dwelling units served by the City of Frostburg through one or more water meters.

2) City. The City of Frostburg.

3) Commercial Customer. Any person who owns or occupies any building within the City of Frostburg which is primarily used for the conduct of any activity with the intent of realizing a profit from the sale of goods or services, and who purchases water from the City of Frostburg, the same to specifically include Frostburg State College and its attendant facilities.

4) Superintendent and/or Commissioner. The Superintendent of Streets and/or the Commissioner-of Public Works of the City of Frostburg.

5) Garbage. Putrescible animal and vegetable wastes resulting from the handling, preparation, cooking and consumption of food.

6) Person. Any person, firm, partnership, association, corporation, company or organization of any kind.

7) Refuse. All putrescible and non-putrescible solid waste (except body wastes), including garbage, rubbish, street cleanings, and dead animals.

8) Residential Customer. Any person who owns or occupies a dwelling unit which is primarily used as a dwelling place and not located in an apartment building, and who purchases water from the City of Frostburg, or person or entity who owns or occupies a building containing two (2) or less dwelling units.

9) Rubbish. Non-putrescible solid wastes consisting of both combustible and non-combustible wastes, such as paper, cardboard, tin cans, yard clippings, wood, glass, bedding, crockery, and similar materials.

SECTION III:
COLLECTIONS BY CITY

a) City Garbage Collection. All refuse, rubbish or garbage accumulated in the City shall be collected, conveyed and disposed of by the City as hereinafter set forth, subject to the following exceptions:

1) **Exception for Non-Residential Actual Producers.** This Ordinance shall not prohibit commercial customers who are either actual producers of refuse or the owners of premises upon which refuse has accumulated, from providing for the collecting, conveying, and disposing of such refuse, rubbish or garbage, provided such producers or owners comply with any other governing law or Ordinances.

2) **Exception for Outside Collectors.** This Ordinance shall not prohibit collectors of refuse from outside of the City from hauling such refuse over City streets, provided such collectors comply with the provisions of this Ordinance and with any other governing law or Ordinances. Nor shall it prohibit collection by outside collectors when such collection is done pursuant to a Permit issued by the City in specific cases.

SECTION IV:
SUPERVISION OF COLLECTION

a) Garbage Collection Supervision. All refuse, rubbish or garbage accumulated in the City shall be collected, conveyed and disposed of by the City under the supervision of the Superintendent and/or Commissioner of Public Works. The Superintendent and/or Commissioner shall have the authority to make regulations concerning the days of collection, type and location of waste containers and such other matters pertaining to the collection, conveyance and disposal as he shall find necessary and to change and modify same after notice as required by law; provided said regulations are not contrary to the provisions hereof.

a) Appeals. Any person aggrieved by a regulation of, or fee charged by, the Superintendent and/or Commissioner shall have the right of appeal to the Mayor and City Council, as a body, who shall have authority to confirm, modify or revoke such regulation of fee.

SECTION V:
PRE-COLLECTION PRACTICES (Amend 1991 - 13)

a) Preparation of Garbage, Refuse and Rubbish.

1) Empty cardboard boxes must be flattened and bundled;

2) Brush, tree branches must be tied in bundles not longer than six (6) feet in length; and

3) No container of bundle shall weigh more than fifty (50) pounds.

b) Garbage, Refuse and Rubbish Containers.

1) Refuse, etc., containers shall be provided by the owner, tenant, lessee, or occupant of the premises. Refuse containers shall be maintained in good condition. Any container that may have ragged or sharp edges or any other defect liable to hamper or injure the person collecting the contents thereof shall be promptly, replaced upon notice. The Superintendent shall have the authority to refuse collection for failure to comply herewith.

2) Metal or plastic containers or plastic bags shall be used. Paper bags or sacks may be used only if placed in metal or plastic containers. Plastic bags shall be firmly secured.

3) All containers shall be maintained in a clean and sanitary condition; if they are not, the containers are subject to being picked up and destroyed.

4) In the event of accidental or deliberate destruction of a container prior to collection, the property owner or tenant shall be responsible for cleaning up debris so created.

c) Storage of Refuse.

1) **Public Places.** No person shall place any refuse in any street, alley, or other public place, or upon any private property whether owned by such person or not, within the City except it be in proper containers for collection or under express approval granted by the Superintendent and/or Commissioner. Nor shall any person throw or deposit any refuse in any stream or other body of water.

2) **Unauthorized Accumulation.** Any unauthorized accumulation of refuse on any premises is hereby declared to be a nuisance and is prohibited. Failure to remove any existing accumulation within thirty (30) days after the effective date of this Ordinance shall be deemed a violation of this Ordinance.

3) **Scattering of Refuse.** No person shall cast, place, sweep or deposit anywhere within the City any refuse in such a manner that it may be carried or deposited by the elements upon any street, sidewalk, alley, sewer, parkway or other public place, or into any occupied or unoccupied premises in the City.

d) Points of Collection. All containers shall be placed adjacent to the public way, street or alley, but not in or on same. Containers shall be placed in open view.

e) Prohibited Waste. The following waste materials are prohibited from being disposed of through the use of the City garbage system:

1) Controlled hazardous substances in quantities prohibited by COMAR 26.13.02;

2) Liquid waste or any waste containing 'free liquids as determined by the EPA method 9095 paint filter liquids test as outlined in the EPA Publication SW-846 "Test Methods for Evaluating Solid Waste, Volume IC: Laboratory Manual Physical/Chemical Methods," Third Edition, dated November 1986;

3) Special Medical Waste as defined in COMAR 26.13.02;

4) Radioactive materials as defined in COMAR 26.12.01;

5) Automobiles;

6) Drums or tanks, unless empty and flattened or crushed with the ends removed (this prohibition does not apply to drums or other containers of acceptable wastes); drums or tanks that have held hazardous waste must be emptied in accordance with COMAR 26.13.02.07;

7) Animal carcasses resulting from medical research activities or destruction of diseased animals unless so ordered by the Health Officer of Allegany County;

8) Septage or sewage scavenger waste; and

9) Chemical or petroleum cleanup material, unless;

(a) The nature of the spilled substance is known;

(b) The spilled material is not a controlled hazardous substance as defined in COMAR 26.13.02;

(c) The spilled material is not likely to adversely affect the landfill liner; and

(d) The spilled substance is contained in an absorbent of sufficient excess volume that the material deposited at the landfill does not exhibit free liquids as defined in Condition b above.

f) Penalties. The violation of the terms of this ordinance shall be a municipal infraction and punishable by the maximum fine permitted under the terms of the municipal infraction laws of the State of Maryland.

SECTION VI:
COLLECTION PRACTICES

a) Frequency of Collection.

1) Residential and Apartment Building Customers. Refuse accumulated by residences and apartment building customers shall be collected at least once each week. Containers shall be put out no earlier than 8:00 p.m. on the night before, nor later than 7:00 a.m. on the day of collection. Once the street has been collected, no callback will be made. All empty containers shall be promptly removed from the street.

2) Commercial. Commercial establishments as deem it necessary may enter into agreements for more frequent collection. Where necessary to protect the public health, the Superintendent and/or Commissioner shall have the authority to require more frequent collections.

3) Limitation on Quantity. The Superintendent and/or Commissioner shall collect a reasonable accumulation of refuse from each person. The Superintendent and/or Commissioner shall have the authority to refuse the collection of unreasonable amounts or to make an additional charge for such amounts.

SECTION VII:
FEES

a) Fees shall be:

1) Residential Customer ..... $ 27.00 per quarter (FY 2003)

2) Apartment buildings..... $ 27.00 per quarter (FY 2003)

b) Fee Collection. Fees shall be collected by the Billing Clerk by adding the appropriate charges to the water bills of residential customers and apartment-building customers. Fees due from Commercial Customers will not be billed on the Quarterly water bill, but shall be payable on an annual basis payable in advance on July lst of each year.

c) Penalties. In the event that any individual, partnership, corporation or entity of whatsoever kind or nature fails to pay said fee in the appropriate and timely manner, said accrued charge shall serve as a binding and valid lien on the real property for which the garbage collection service has been rendered. This remedy will be in addition to the right of the City to initiate appropriate civil proceedings for the collection of any and all accrued charges in a Court of competent jurisdiction. In addition, the City shall access a penalty of five percent (5%) of the

unpaid balance of the municipal refuse collection bill for each quarterly billing period in which there exists an unpaid balance from the previous billing period. This penalty shall be added to and become part of the unpaid balance of said bill.

SECTION VIII: PENALTIES

a) Civil Claims. In addition to such penalties that may be provided herein for municipal infractions, the City shall have the authority to file civil claims for the cost of removal of refuse after the person responsible for same has been notified and requested to remove the same and refuses to do so in a timely manner.

JULY 1, 2009

CITY OF FROSTBURG
SCHEDULE OF MUNICIPAL FEES

MISCELLANEOUS:

Amusement License ..... $35.00 per year

REAL PROPERTY TAXES:

$.55 per $100 of Assessed Value
Certification of amounts due and memo bills - $5.00 each account per request for both annual and semi-annual payments

PERSONAL PROPERTY TAXES:

$1.375 per $100 of Assessed Value

Interest rate on taxes is 1½% per month beginning October 1 retro-active to July 1

WATER RATES

WATER USAGE	IN-CITY
0 – 50,000 gallons/quarter	$2.95/1,000 gallons
50,001 gallons/quarter and over	7.50/1,000 gallons

	ALLEGANY COUNTY
All usage	$?.??/1,000 gallons

	OUTSIDE CITY
All usage	$8.00/1,000 gallons

SEWAGE RATES

SEWAGE USAGE	IN-CITY
0-50,000 gallons/quarter	$4.60/1,000 gallons of water
50,001gallons/quarter and over	$9.75/1,000 gallons of water

WATER SURCHARGE

Monthly surcharge per unit or equivalent

In-City Frostburg customers	$11.80
Out of City customers	$10.75
County customers except Eckhart	$7.75
County customer Eckhart	$1.65

CSO (Combined Sewer Overflow) SURCHARGE

Monthly surcharge per unit or equivalent $6.00

REFUSE RATES

Residential Customers	$33.00 per quarter
Apartment buildings	$33.00 per quarter per unit

A charge of $50.00 will be assessed to the property owner for each load over the first pick-up truck load during bulk pick-up.

NOTIFICATION OF WATER SHUT OFF

10% of total amount due or $20.00, whichever is greater.

SUPPLEMENTAL WATER METER READINGS

$10.00

Appendix G:

Allegany County Reuse Directory

First Step in Responsible Waste Management

REDUCE

Source Reduction

Source reduction, also known as waste prevention, is the practice of designing, manufacturing, purchasing, or using materials (such as products and packaging) in ways that reduce the amount or toxicity of waste.

Source reduction can help reduce waste disposal and handling costs because it avoids the cost of recycling, municipal composting, landfilling and combustion.

Did you Know?

Between 1960 and 2007 the amount of waste each person creates has almost doubled from 2.7 to 4.6 pounds per day. The most effective way to stop this trend is by preventing waste in the first place.

http://www.epa.gov/osw/conserve/rrr/reduce.htm

Second Step in Responsible Waste Management

REUSE

Reuse Directory

This Reuse Directory can help you locate where to donate good used items that would otherwise end up in the landfill.

Remember, yard sales, pawn shops, classified ads, auctions and antique stores are also good sources for buying or selling reusable items.

How Else Can You Help?

* Take a reusable mug to work
* Use rechargeable batteries
* Reuse bags, bottles and jars
* Purchase refillable printer cartridges, pens and pencils
* Use the back of one sided copy paper as note pads
* Purchase products made of materials that can be recycled

To add, update or remove items, businesses or organizations from this directory, please contact
Allegany County Recycling Office
Phone: 301-777-5933 X-210
email: terry.bennett@allconet.org

Third Step in Responsible Waste Management

RECYCLE

Recycle in Allegany County

When you've done all you can do to avoid waste, **recycle.** Producing goods from recycled materials typically consumes less energy and conserves raw materials.

In Allegany County you can recycle: glass, aluminum and steel cans, #1 & # 2 plastic bottles and jugs, cardboard, newspaper, magazines, office paper, oil, antifreeze, yard waste and white goods.

Special recycling events are held for household hazardous waste, telephone books, tires and electronics.

For a list of recycling sites in Allegany County, see the yellow pages of the local phone directory or visit :
www.gov.allconet.org/recycle

REUSE DIRECTORY

for

ALLEGANY COUNTY, MARYLAND

Allegany County
Reduce • Reuse • Recycle

Allegany County Commissioners and Solid Waste Management Board

February 2010

Printed on 30% Post Consumer Recycled Paper

-LIST OF ITEMS THAT CAN BE DONATED FOR REUSE

Donated items MUST be CLEAN and in RESELLABLE CONDITION

Items	Business Code
Appliances (**working**)	
Small	2
Baby Items (**all parts included**)	
Cribs, Playpens (**no car seats**)	1
Beads	7
Belts	2
Bicycles	2, 11
Blankets	2
Books (**no encyclopedias, text books or magazines**)	
Adult	2,8
Children	2,3,8
Building Materials	5
Cartridges (ink jet, laser)	8
Children Underwear & Socks	2,3
Cleaning Supplies	8
Clocks	2,3
Clothing	2
Clothes Hangers (metal)	10
Computers and Peripherals	2
Craft Items	3,4,7
Books	2,7
Paints	7
Crayons	3
Curtains	2
Decorations	2,4,7
Dishes	2,3,4,8
Dressers	1,2
Dryers (**working, must see**)	2,
Eyeglasses	2,9

Items	Business Code
Exercise Equipment	4
Fabric	2,7
Food (non-perishable)	8
Furniture	1,2,3
Games	2
Gloves	2,3
Housewares	2,4
Kitchen Utensils	2
Lumber	
Medical Equipment	
Canes, Crutches, Walkers	4,9
Office Equipment (**working**)	2
Packaging Peanuts (**will pay for**)	6
Paper Products (towels, toilet paper)	8
Pots and Pans	2,4
Puzzles	2,7
Refrigerators (**working**)	3,4
Rubber Stamps	7
Rugs **(throw or roll up)**	2
School Supplies	2,3
Sheets **(gently used)**	2
Shoes	2
Stoves, (**working, no gas, must see)**	2,3
Stuffed Animals	2
Towels	2
Toys	2
Yarn	2,7
Washers (**working, must see)**	2
Wheelchairs	4,9

BUSINESSES AND ORGANIZATIONS ACCEPTING DONATED ITEMS

PLEASE, call ahead to be sure your items are needed at this time!

Code	Business	Phone
1.	Allegany County Department of Social Services	301-784-7110
2.	Horizon Goodwill Industries (**NO** items containing freon)	301-722-8141 ex.1809
3.	HRDC Head Start	301-724-2547
4.	Adult Day Care Centers	
	Willow Creek	301-777-8422
	George's Creek	301-463-4085
5.	Pending	
6.	The Mailroom, Inc.	301-729-8622
7.	Cumberland Senior Center	301-724-8626
8.	Healing Hunger Food Service, Inc.	301-478-5448
9.	LaVale Lion's Den	301-729-4166
10.	Frostburg Laundromat	301-689-2092
11.	Valerie Van Hollen (Bikes for the World)	301-777-8783

Appendix H:

Proposed Solid Waste Hauler Licensing Program

CONCEPTUAL OUTLINE FOR
RECOMMENDED REFUSE COLLECTION/HAULER
LICENSING PROGRAM

PURPOSE:

To protect the citizens and environment of Allegany County by insuring refuse collectors/haulers are reputable and responsible business entities. The licensing procedure will also be a resource to residents wishing to contract for refuse collection and help curb abuse of the 10 bag limit currently in effect for residential trash at the County's refuse disposal box sites.

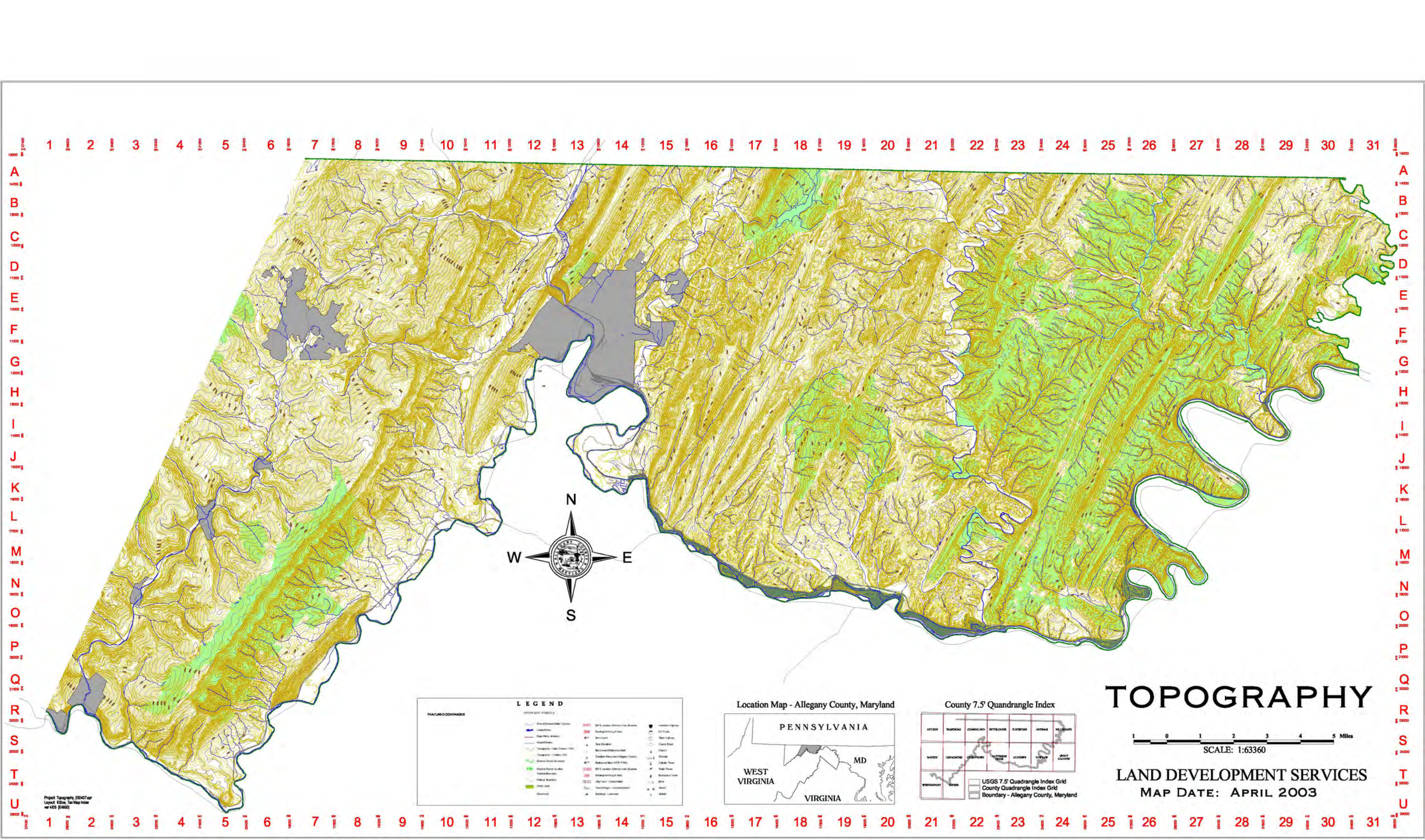
PROGRAM OUTLINE:

(1) No person or company shall engage in the business of collecting or hauling garbage, municipal waste, recyclables or other refuse from sites within the County without first procuring a license to do so through the Allegany County Department of Public Works.

(2) Allegany County shall prepare and make available to all haulers an application form for vehicle license. The application shall require payment of a nominal fee and include the following information.

a. Company Name
   Year Company Formed
b. President Name
c. Contact Information
   Office Phone Number, Cell Phone Number, Fax Number
d. Mailing Address
e. Business Hours
f. Number of Employees
g. Number of Vehicles Used for Hauling
   VIN Number(s)
   Registration Number(s)
h. Payment Methods and Rates
i. Tax ID Number
j. Bonded/Registered
k. Workmen's Compensation Information
   Coverage must include all employees entering private property
l. Vehicle Insurance
   Coverage must be at a commercial rate to cover minimum commercial requirements for refuse facilities.

(3) Any changes in the information listed above must be reported to the County in writing within 30 days.
(4) Any licensed hauler who violates any provisions of this Article shall be subject to a penalty (amount to be determined).



LEGEND

FEATURED COVERAGES

Location Map - Allegany County, Maryland

County 7.5' Quandrangle Index

TOPOGRAPHY

1 0 1 2 3 4 5 Miles

SCALE: 1:63360

LAND DEVELOPMENT SERVICES

MAP DATE: APRIL 2003

Project: Topography_030407.apr
Layout: 8.5by_Tax Map Index
ver 4/03 (5/4/60)

SOLID WASTE MANAGEMENT PLAN

ALLEGANY COUNTY, MARYLAND

ALLEGANY COUNTY DEPARTMENT OF PUBLIC WORKS

Revised for the
2021 - 2031 Planning Period
Adopted 4/7/22

Allegany County
Reduce • Reuse • Recycle

2021 - 2031

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BOARD OF COUNTY COMMISSIONERS
Jacob C. Shade, *President*
Creade V. Brodie, Jr.
David J. Caporale

ALLEGANY COUNTY
DEPARTMENT OF PUBLIC WORKS

701 Kelly Road, Suite 300
Cumberland, MD 21502
301-777-5933 FAX 301-777-2001
http://alleganygov.org

Jason M. Bennett, CPA
County Administrator
Adam Patterson, P.E.
Director of Public Works
Daniel S. DeWitt, P.E.
County Engineer

STAFF REPORT

TO: Jason Bennett, County Administrator
FROM: Brynn Laird, P.E., Engineer III
CC: Adam Patterson, P.E., Director of Public Works
Jinny Warn, Recycling Coordinator
DATE: April 1, 2022
RE: **Adoption of the Allegany County Solid Waste Management Plan 2021 – 2031**

For the Agenda of April 7, 2022, Public Meeting

---

1. BACKGROUND

The Allegany County Solid Waste Management Plan provides a system of resource recovery and solid waste disposal which will handle the County's current and anticipated future volume of solid waste as economically as possible while ensuring that public health, safety, and environmental quality are protected. The Plan follows the MDE requirements per Sections 9-503, 9-505, and 9-1703 of the Environment Article, Annotated Code of Maryland, and Code of Maryland Regulations (COMAR) 26.03.03.

The 2021 revision of the County's Solid Waste Management Plan was prepared by the Department of Public Works with input from the Solid Waste Management Board. The Board approved a final draft Plan, which is currently posted on the Recycling Office section of the County website. A public comment period was open from March 11 – 25, 2022. No comments were received. The Plan needs to be adopted by Allegany County and then submitted to the MDE.

2. ISSUES

N/A

3. FINANCIAL IMPACT

N/A

4. ALTERNATIVES

Do not adopt the Allegany County Solid Waste Management Plan 2021 - 2031.

5. OTHER CONSIDERATIONS

N/A

6. CONFORMITY TO COUNTY POLICY

Conforms to County policy.

7. RECOMMENDATION

Adopt the Allegany County Solid Waste Management Plan 2021 – 2031.

MOTION

By motion duly carried of the County Commissioners of Allegany County, Maryland, the following action was authorized as part of the Action/Consent Agenda for the April 7, 2022 Public Meeting:

Adopted the Allegany County Solid Waste Management Plan 2021 – 2031.

VOTE: Yes Yes Yes
JCS CRB DJC

County Commissioners of Allegany County, Maryland

I, Linda Simpson, County Clerk, hereby certify that the above action of the Commissioners is a part of the formal, written record of the public meeting held on April 7, 2022.

BY: Linda Simpson
Linda Simpson, County Clerk

SEAL

Dept: Public Works
Account No.: N/A
Contact: Adam Patterson, P.E.

Introduction and Key Recommendations

On December 19, 1996, the Board of Commissioners of Allegany County, Maryland established the Allegany County Solid Waste Management Board to serve as an advisory body on matters pertaining to solid waste disposal and recycling, and to prepare updates of the County's Solid Waste Management Plan. As currently constituted, the Solid Waste Management Board members (Representatives and their designated Alternates) are listed at the end of this Introduction.

The Solid Waste Management Board participated in preparation of the 2000, 2004, 2010, 2014, and 2021 updates as part of the Board's regular monthly meetings. The 2021 Revision was prepared by the County Department of Public Works and reviewed by the Board. Subsequently, the Board approved a draft report for submission to the County Commissioners.

The Plan update continues to follow the MDE guidelines per "Title 26, Maryland Department of the Environment, Subtitle 03, Water Supply, Sewerage, Solid Waste, and Pollution Control Planning and Funding – Chapter 03, Development of County Comprehensive Solid Waste Management Plans." Environment Article: Title 9, Subtitle 5, Annotated Code of Maryland.

1) SYNOPSIS OF KEY ISSUES AS PRESENTED TO THE COUNTY COMMISSIONERS

I) ITEMS NOT CHANGED

1. Reduce, Reuse, Recycle/Compost, and Landfill hierarchy in waste disposal.
2. Acknowledgement that a properly sited and permitted Land Clearing Landfill and/or Solid Waste Transfer Station, be it privately- or publicly-owned, is not inconsistent with the County's Solid Waste Management Plan.

II) ITEMS ADDED OR CHANGED

1. In 2019, the State of Maryland enacted House Bill 929 which includes the requirement that counties include office building recycling to Plan. See Section 3.7.2.
2. Mountainview Landfill, Inc. is now owned by Noble Environmental. Noble Environmental has expressed preliminary interest in possibly expanding the landfill beyond its current permitted footprint, which is expected to reach capacity in 2022. Allegany County has entered into an agreement with Western Maryland Waste Systems, LLC, a subsidiary of Waste Management, to haul Allegany County solid waste to the Mostoller Landfill near Somerset, PA, via their recently acquired Transfer Station near Cresaptown, MD, until year 2035.
3. Updated references to 2014 Comprehensive Plan and 2018 Zoning.

2) KEY RECOMMENDATIONS

1. A consolidation of recycling collection sites should be reevaluated and, following an approval by the County Commissioners, should be implemented to collect a more comprehensive suite of materials at each site, better secure sites to minimize contamination and theft, maximize accessibility, and increase participation.
2. Allegany County should establish a satellite mulch and yard trimmings collection site at Mountainview Landfill or other location in the western side of the County.
3. The installation of compactors at the County-operated refuse sites recommended; perhaps using a lease/purchase financing option.
4. In the absence of state grant funding, Allegany County should sponsor annual or biennial fee-based resident tire event.
5. Allegany County should sponsor annual or biennial Too Toxic to Trash Events, formerly known as Household Hazardous Waste Events. Grant funding and sponsorships from municipalities, solid waste haulers, and other organizations will be sought to keep the event costs down for Allegany County.
6. The County should implement a licensing procedure with minimum qualifications for collectors/haulers of commercial and municipal solid waste and recyclables in Allegany County. See Appendix F.
7. The County Zoning Ordinance and building permit process should be revised to address the following issues:
    a. Requirement that the building permit application process for all new commercial, industrial, institutional, and multi-family development require the applicant to complete a Construction Site Waste Management Statement to identify the proposed waste collection location, both during and after construction, and any recycling facilities and/or recycling planned for the development.

b. Requirement that all new commercial and industrial development provide for the proper allowance and storage of wastes and recyclables to preclude same from becoming a contaminant or nuisance.

- I would like to commend the Board members for their dedication, effectiveness, and cooperation in preparing this update. Their voluntary work was thorough and professional. I would also acknowledge the leadership, participation, and assistance of W. Stephen Young, Board Member; Siera Wigfield, former Allegany County Recycling Coordinator; and Brynn Laird, former Allegany County Recycling Coordinator; Jinny Warn, current Allegany County Recycling Coordinator.

  Respectfully submitted,
  John Kirby, Chair

Table 1-1 Solid Waste Management Board Membership – September 2021

ENTITY REPRESENTED	REPRESENTATIVE	ALTERNATE
Permanent Seats:		
Allegany County Board of Education	Wally High	Joe Stafford
Allegany County Government	Steve Young	Adam Patterson
Allegany County Health Department	Brian Dicken	Misty Joy
Chamber of Commerce	Stuart Czapski	Maureen Brewer
City of Cumberland	Raquel Ketterman	Terri Hast
City of Frostburg	John Kirby	
Two-Year Terms:		
Citizen Advocate Group	Lee Heavner	
Citizen at Large	Richard Soderman	
Citizen at Large	Amy Moyer	Carolyn Mathews
Environmental Group	Woody Getz	
Environmental Technical	Steven Guinn	Robin Paulman
Institutional	Vacant	Erick Kasecamp
Solid Waste Hauler / Recycler	AJ Miller	Matthew Furman
Waste Industry	Dusty Hilbert	
Industry	Vacant	

Allegany County Recycling Coordinator

Jinny Warn
Allegany County Department of Public Works
701 Kelly Road, Suite 300
Cumberland, MD 21502

(301) 777-5933 x210
jwarn@alleganygov.org

May 27, 2022

Mr. Adam Patterson, Director
Allegany County Department of Public Works
Allegany County Complex
701 Kelly Road
Cumberland, Maryland 21502

Dear Mr. Patterson:

The Maryland Department of the Environment ("MDE") has completed its review of Allegany County's (the "County") adopted resolution for the County's 2021-2031 Solid Waste Management Plan (the "Plan"). The County Commissioners adopted the Plan on April 7, 2022, and the County forwarded the Plan to MDE for its review and approval. MDE received the adopted resolution on April 14, 2022.

Based on this review, MDE determined that the adopted resolution satisfies the requirements of Sections 9-503, 9-505, and 9-1703 of the Environment Article, Annotated Code of Maryland. In addition, per agreement with MDE, the County will update Appendix B.3 with the comments provided in MDE's August 6, 2021, letter to the County, to comply with Code of Maryland Regulations 26.03.03. The County has agreed to complete the update to Appendix B.3 by the due date of the first progress report. In accordance with Section 9-507(a) of the Environment Article, Annotated Code of Maryland, the Plan is approved.

Section 9-506(b)(2) of the Environment Article, Annotated Code of Maryland, requires the County to submit a progress report to MDE at least every two years including any revisions or amendments to the County Plan that have been adopted. Since the County's Plan was adopted on April 7, 2022, the County must submit to MDE its progress report on or before, **April 7, 2024**.

Thank you for your continuing interest and cooperation in providing sound and long-term solid waste management planning for the County. If you have questions or need additional clarification on these matters, please contact me at 410-537-3304 or by email at kaley.laleker@maryland.gov or Mr. David Mrgich, Chief, Waste Diversion Division, at 410-537-4142 or by email at dave.mrgich@maryland.gov.

Sincerely,

Kaley Laleker, Director
Land and Materials Administration

cc: Brynn Laird, Allegany County Department of Public Works
Jinny Warn, Allegany County Department of Public Works
Dave Mrgich

Chapter 1 Goal and Objectives

1.1 GOALS AND OBJECTIVES

The overall goal in the development of Allegany County's comprehensive Solid Waste Management Plan continues to provide a system of resource recovery and solid waste disposal which will handle the County's current and anticipated future volume of solid waste as economically as possible while ensuring that public health, safety, and environmental quality are protected. The County's plan acknowledges that a contract exists between Allegany County and Mountainview Landfill, Inc., a wholly-owned subsidiary of Noble Environmental, to operate a landfill until it has reached its capacity and permanently closed, which is expected by the end of 2023 as currently permitted. The Mountainview Landfill began with the permitting and initial acceptance of waste on February 3, 1992. After the Mountainview Landfill has reached is capacity, as per a contract dated November 19, 2020 which guarantees waste disposal to the County for 15 years (until December 31, 2035,) Allegany County will begin using the Western Maryland Transfer Station, Inc., a subsidiary of Waste Management. The waste from the Western Maryland Transfer Station will be transported to the Mostoller Landfill, which has over 30 years of permitted disposal capacity. See Appendix A for contracts.

We expect that these agreements will meet Allegany County's needs through the life of the contract which expires December 31, 2035.

In implementing this Plan, the following objectives are to be pursued:

1) Ensure that all solid waste will be processed by such means as will effectively protect the quality of the ambient air, groundwater, and surface water resources and to minimize the possibility of pollution from the handling and disposal of solid waste.
2) Accommodate existing and anticipated future residential, industrial, and commercial development in the County.
3) Address issues related to the handling and disposal of special and hazardous wastes including, but not limited to household hazardous wastes, scrap tires, used oil and filters, antifreeze, junk vehicles, batteries, e-waste (electronics), construction materials, medical waste, agricultural chemicals, and toxic materials.
4) Maximize the recovery and utilization of both material and energy resources contained in the solid waste stream applying the Reduce, Reuse, Recycle/Compost, and Landfill hierarchy. The State of Maryland mandated goal of 20% recycling (established for 2015 for waste jurisdictions under 150,000 population) has been achieved. Allegany County's self-determined 25% goal was reached in 2002 and continues to be exceeded. Where economically feasible, the County should adopt, in cooperation with municipalities and local solid waste hauling and recycling contractors, a recycling program geared toward improving the 25% goal. Federal, state, and local government agencies, including educational facilities, as well as business and industry should be a part of any recycling program.
5) Establish educational programs intended to foster implementation of the Solid Waste Management Plan, particularly as it relates to the solid waste hierarchy of Reduce, Reuse, Recycle/Compost and Landfill.
6) Serve existing and future land uses within the County and promote implementation of sound land use planning concepts and zoning practices.
7) Encourage participating contractors to provide solid waste management services incorporating variable rate pricing and provision(s) of recycling services.
8) Establish target dates for major solid waste decisions, including the opening and closing of future solid waste handling and disposal facilities.
9) Investigate the feasibility of single-stream collection of recyclables and curbside collection including consideration of economics, participation, and quality of collected materials.
10) Foster discussion with other waste jurisdictions regarding solid waste management.
11) Establish a second mulch and yard trimmings collection site for the consolidation and processing of yard waste in the western region of the County if constructing, permitting, and operating such a site is economically feasible.
12) Target construction and demolition waste for recycling to better support the LEED building process.

1.2 POLICIES FOR IMPLEMENTATION

The fiscal and environmental concerns of solid waste disposal by means of landfilling necessitates an aggressive County program to reduce, reuse, and recycle/compost as much of the County waste stream as economically feasible.

1.3 COUNTY GOVERNMENT STRUCTURE

Allegany County is governed by the three-member Board of County Commissioners. Commissioners are elected on a county-wide basis and serve four-year terms. The Board elects one Commissioner to serve

as its President. The Board is required to meet monthly. Solid waste management planning is the responsibility of the Allegany County Department of Public Works. The governmental organizational chart is provided in Figure 1-1 County Organizational Chart.

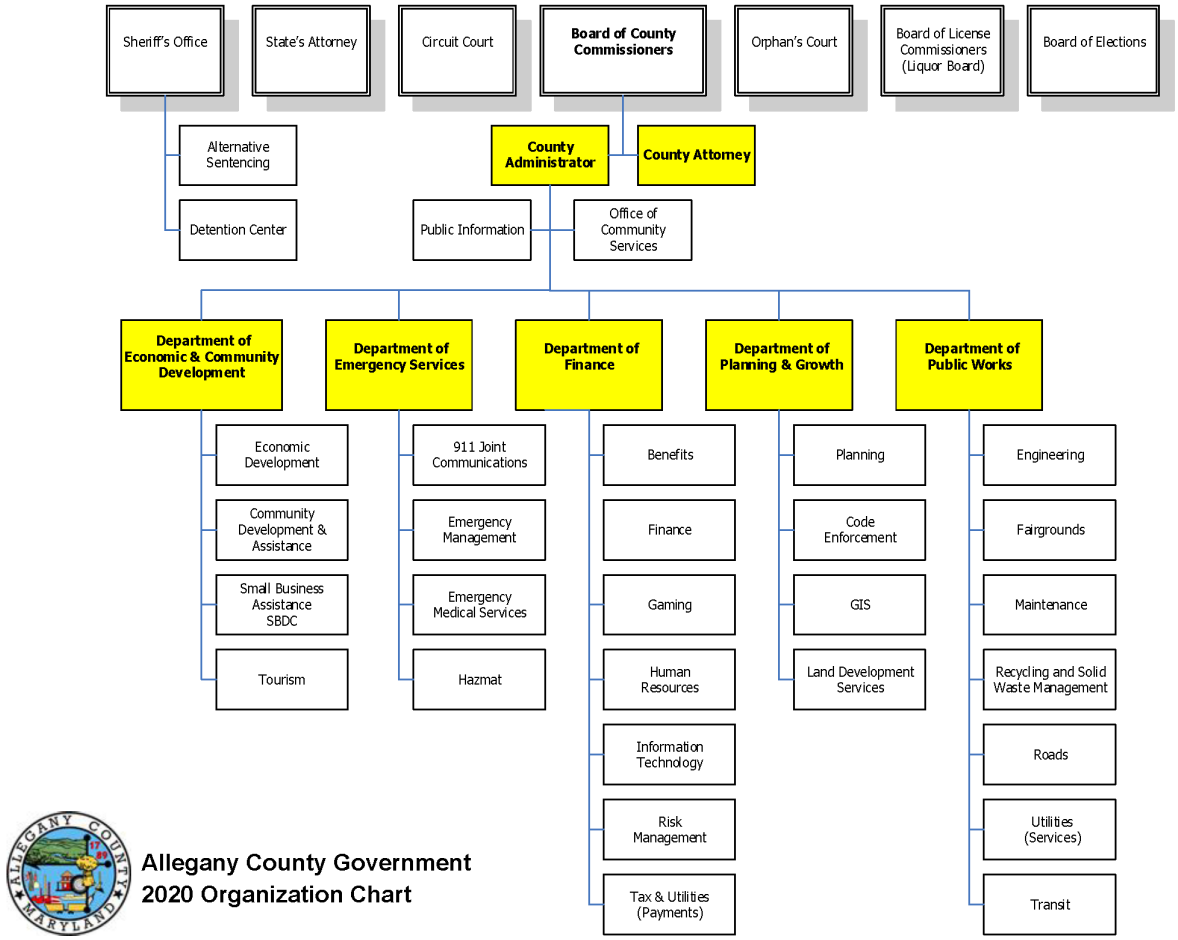

Figure 1-1 County Organizational Chart

1.4 FEDERAL, STATE AND LOCAL CONTROLS

The legal controls for solid waste were established as an act of Congress which resulted in the Resource Conservation and Recovery Act of 1976 (RCRA). RCRA requires that responsibilities for solid waste management be clearly delineated and calls upon the EPA to monitor state management of landfills.

Subtitle D of RCRA is the Federal law which defines the requirements for the management of non-hazardous solid waste and recycling. On October 9, 1991, EPA Subtitle D Criteria regarding Federal regulations for Municipal Solid Waste Landfills (MSWLF) became effective. These regulations, among other things, established requirements for composite liner systems in MSWLF, increased requirements for groundwater monitoring, and defined the requirements for financial assurance for landfill owners and operators for the closure and post-closure site maintenance and monitoring of MSWLF sites.

A summary of Federal and State laws and regulations affecting solid waste management is included in Appendix B.

The State of Maryland has agencies that are involved in a wide range of activities relating to solid waste. The Department of the Environment is the State's principal regulatory agency with respect to solid waste management and the State's lead agency for implementation of RCRA.

Title 9, Subtitle 5, of the Environment Article of the Annotated Code of Maryland requires that each county adopt and submit to the Department of the Environment for approval, a solid waste management plan which covers a minimum 10-year planning period. This plan is to be reviewed, updated if necessary, and adopted by the governing body of the County on a triennial basis after public hearing of proposed revisions.

As a Code Home Rule County, Allegany County's Board of Commissioners is empowered to adopt local ordinances regulating solid waste and protecting the public health and safety. Among those actions which the County should continue are:

1. Utilize the Solid Waste Management Board to advise the County Commissioners on the planning, coordination, operation, and control of all solid waste management activities in Allegany County.
2. Limit the hours for accepting waste at municipal waste landfills and transfer stations in Allegany County to 7:00 a.m. to 5:00 p.m., Monday through Friday and 7:00 a.m. to 2:00 p.m. on Saturdays. In the event of a County emergency necessitating access to or operation of the landfill, hours may be extended only so long as that emergency persists. If the hours for acceptance of waste are extended, within 24 hours the landfill operator shall provide to Allegany County and to the Maryland Department of the Environment written notification specifying the hours the landfill was open beyond the permitted waste acceptance hours and the nature of the emergency justifying the extended waste acceptance hours.
3. Prohibit truck parking on public roadways providing access to solid waste handling or disposal facilities during those hours when the facility is not in operation.
4. Prohibit transfer of separately collected yard waste for final disposal in Maryland landfills unless the owner or operator of the landfill provides for the organics recycling of yard waste.

Table 1-2 Contacts Responsible for Solid Waste Management in Neighboring Jurisdictions

Garrett County, Maryland	Dave Baker Department Manager of Solid Waste and Recycling 3118 Oakland Sang Run Road Oakland, MD 21550 (301) 387-0322 dwbaker@garrettcounty.org
Washington County, Maryland	Dave Mason Deputy Director of Solid Waste 12630 Earth Care Road Hagerstown, MD 21740 (240) 313-2790 dmason@washco-md.net
West Virginia Region 8 Solid Waste Authority	Jeff Slack Director of Solid Waste Region 8 Solid Waste Authority P.O. Box 116 Petersburg, WV 26847 (304) 257-2644 jslack@region8swa.org
Bedford County, Pennsylvania	Regina Miller Recycling Coordinator 702 West Pitt Street Suite 3 & 4 Bedford, PA 15522 (814) 623-8099 rmiller@bedfordcountyconservation.com Donald Schwartz (814) 623-4827 Planning Director 200 South Juliana Street Bedford, PA 15522 (814) 623-8099
Somerset County, Pennsylvania	Brad Zearfoss Recycling/Solid Waste Coordinator 300 North Center Avenue Suite 540 Somerset, PA 15501 (814) 445-1544 bzearfoss@co.somerset.pa.us

Chapter 2 Background Information

2.1 POPULATION

Allegany County population is forecast to remain relatively constant throughout the planning period and into the future as shown in Table 2-1 Allegany County, MD Population Actual* and Projected. Data for years 1990 through 2010 was taken from US Census data. Population projections concur with figures provided by the Maryland Department of Planning and last updated December 2020.

Table 2-1 Allegany County, MD
Population Actual* and Projected

Year	Population	Population Change
1950*	89,556	
1960*	84,169	-5,387
1970*	84,044	-125
1980*	80,548	-3,496
1990*	74,946	-5,602
2000*	74,930	-16
2010	75,087	157
2015	72,650	2,234
2020	70,660	-1,990
2025	71,400	740
2030	72,150	750
2035	72,900	750
2040	73,560	660
2045	74,200	640

*Census Totals
MDP Projections

2.2 MUNICIPAL AND FEDERAL FACILITIES

Figure 2-1 Federal, State and Municipal Lands and Institutions identifies the location of all municipalities within Allegany County. (This map does not include small Federal entities such as post offices, etc.)

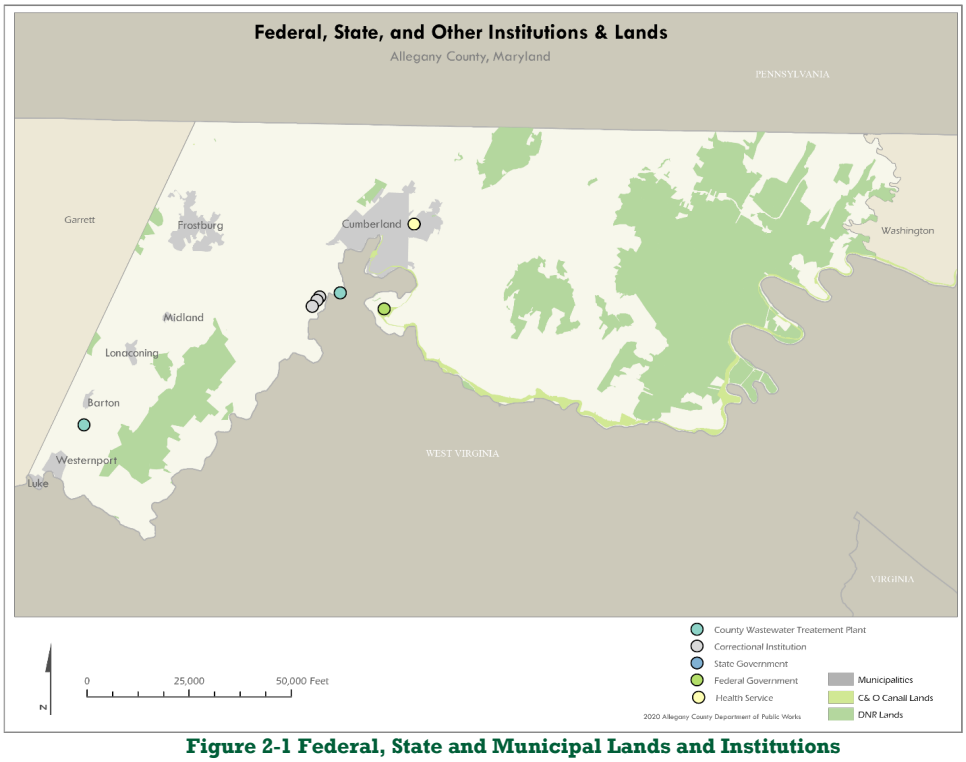

Figure 2-1 Federal, State and Municipal Lands and Institutions

2.3 ZONING

This Solid Waste Management Plan shall not be used to create or enforce local land use and zoning requirements.

The current Allegany County Zoning Ordinance was updated and made effective February 1, 2018. The latest revisions were made to reflect the information contained in the 2014 Comprehensive Plan. Since that time, there have been no significant amendments to Allegany County Zoning Ordinance's existing provisions relating to solid waste management activities.

Solid waste management activities are identified as institutional uses in the current County Zoning Code, and are permitted in all districts, except the "R"-Residential Districts. Site plan review is required. Landfill location is subject to Board of Appeals approval except when located in the "I"-Industrial District. Existing County Zoning Districts are listed in Table 2-2 Allegany County Zoning by Area. Solid waste management activities continue to be a permitted use in industrial zones, may be permitted with special exception with conditions in urban districts, and are prohibited in the residential districts in the February 1, 2018 revised zoning ordinance. See Figure 2-2 Zoning Map for zone locations throughout the County.

Table 2-2 Allegany County Zoning by Area

Zone		Percent of County Area
Agriculture, Forest, Mining	A	27.77%
Neighborhood Commercial	B-1	0.17%
Major Commercial	B-2	0.69%
Conservation	C	52.54%
General Urban	GU	5.27%
Industrial	I	1.76%
Municipality	M	3.55%
Residential 1	R-1	3.70%
Residential 2	R-2	3.56%
Water	Water	0.98%
Total		**100.0%**

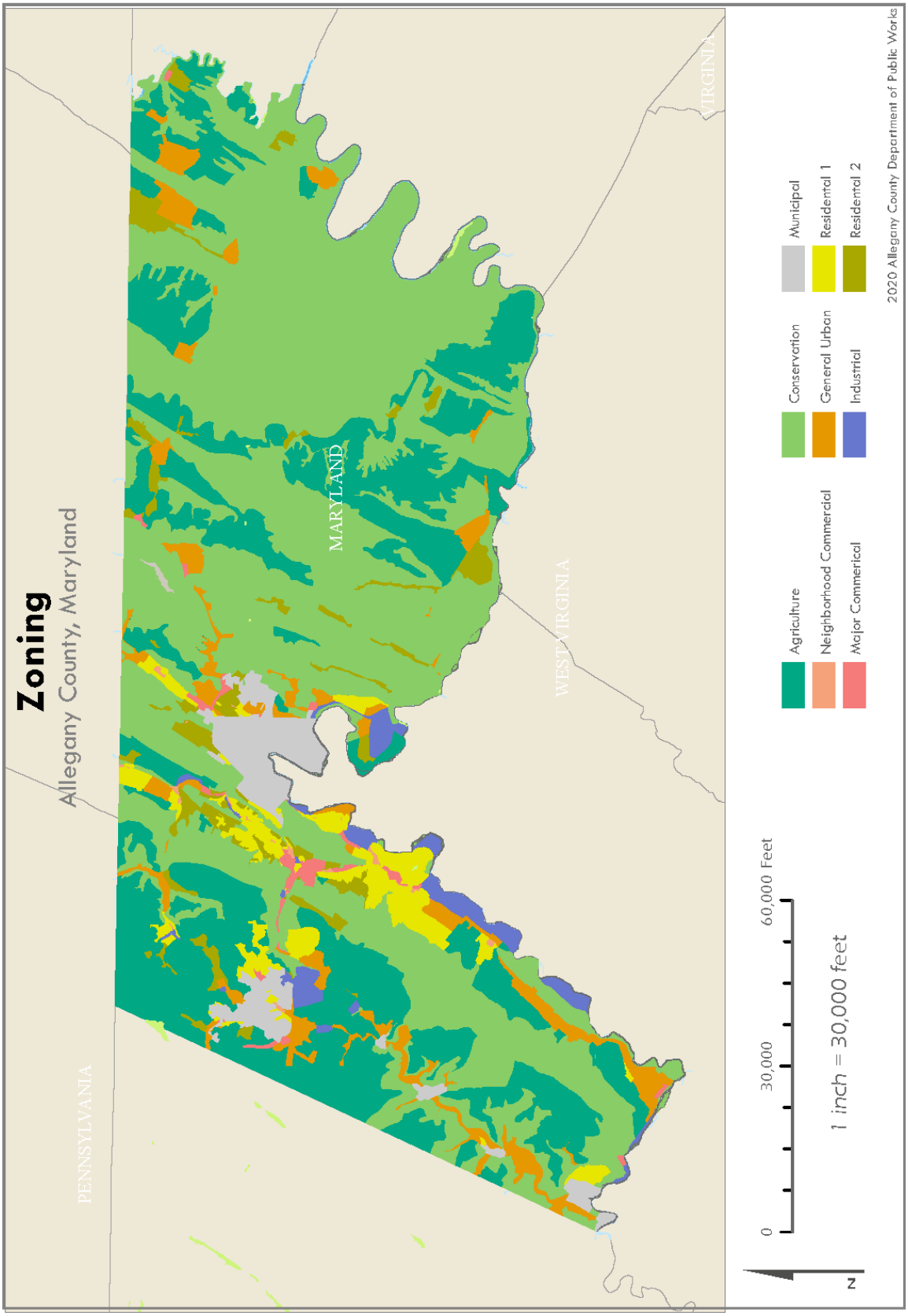

Figure 2-2 Zoning Map

2.4 COMPREHENSIVE PLAN

The Allegany County Comprehensive Land Use Plan was originally adopted in 1965. In accordance with State regulations, an updated Land Use Plan was included as a segment of the County's 2014 Comprehensive Plan Update, adopted May 21, 2014. That Plan includes segments on Land Use, Housing, Transportation, and Community Facilities. The Plan refers to the County Solid Waste Management Plan and relies on this document to present detailed information pertaining to the provision of solid waste services. See Figure 2-3 Existing Land Use Map.

Designated Growth Areas (DGA) developed for the 2014 Comprehensive Plan coincide by and large with the Priority Funding Areas (PFA) direct future growth in and around existing urban development areas that are served by public infrastructure.

Future Land Use categories designate the land use that the County has determined to be the most desirable for a particular area. Future land use is meant to guide future development and re-development. The Future Land Use Map limits changes to existing land use to the DGA.

Development pressure is not an issue in Allegany County at this time nor is it anticipated to become a future issue due to the lack of abundant suitable land. The Future Land Use Plan has been developed independently to reflect the conditions and/or constraints such as public infrastructure, including sewer and water. See Figure 2-4 Future Land Use Map.

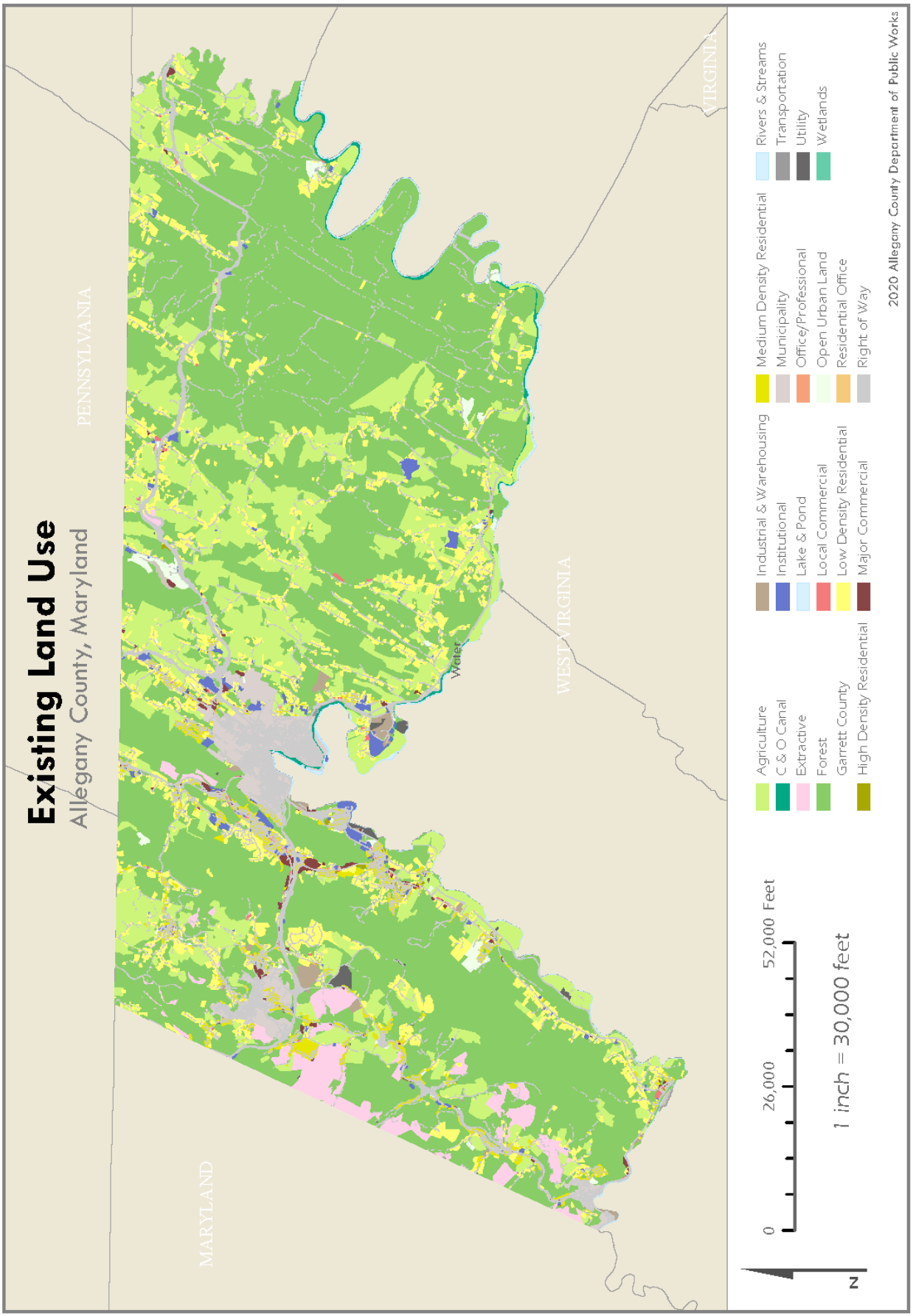

Figure 2-3 Existing Land Use Map

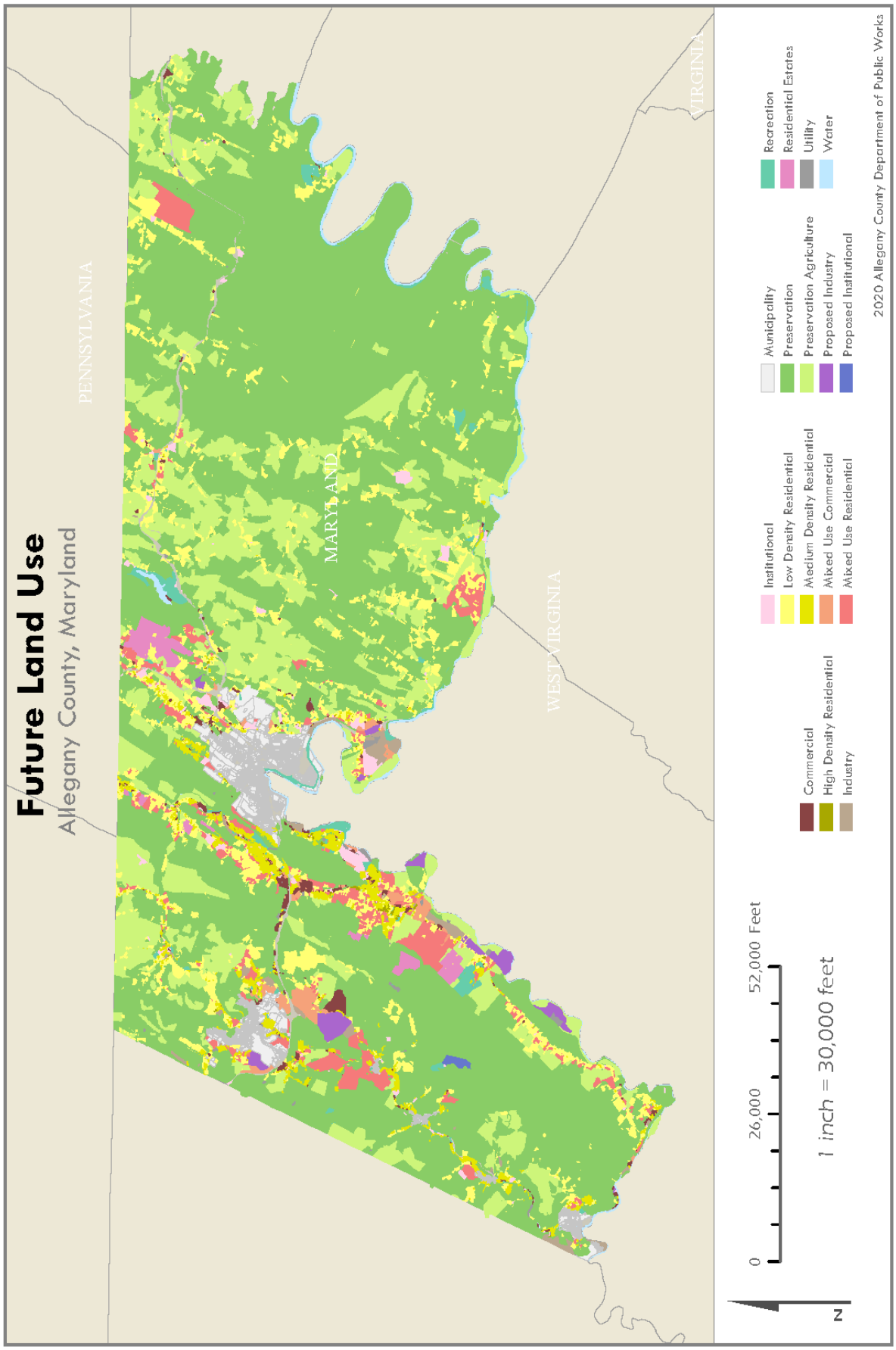

Figure 2-4 Future Land Use Map

Chapter 3 Existing Solid Waste Streams and Facilities

3.1 EXISTING AND PROJECTED SOLID WASTE STREAMS

Allegany County has historically, but unofficially, served as a regional solid waste disposal area. Since the 1960's, the County's solid waste disposal facilities have served not only Allegany County but also nearby areas and communities in Garrett County, MD, Pennsylvania, and West Virginia. Current and projected annual waste generation for Allegany County is shown in Table 3-1 1.

The projected volume of solid waste to be generated in Allegany County over the next 5-year and 10-year planning periods is also shown on Table 3-1 1. The following factors will have an effect on the actual quantity of solid waste generated or disposed in the County:

1. Low anticipated growth of a previously declining population as per the Maryland Department of Planning Population Projections.
2. Reduced solid waste disposal volume from County's recycling and source reduction efforts.
3. Exporting all waste to out-of-County landfills, which is to take effect once Mountainview Landfill reaches capacity and permanently closes.

The volume of solid waste ultimately disposed of in Allegany County is dictated by remaining capacity of the Mountainview Landfill, Inc., which is expected to be at capacity in late 2023 as currently permitted. When this takes place, all waste in Allegany County will be processed at the Western Maryland Transfer Station and transported to the Mostoller Landfill near Somerset, PA as per the County's agreement with Waste Management until 2035. See Appendix A. Prior to this agreement's expiration and no later than 2029, the County will be investigating options for future waste disposal.

3.2 WASTE GENERATION

Current quantities (2015-2019 calendar year) of solid waste generated in Allegany County have been determined from multiple sources of data including: (1) tickets and annual tonnage reports for waste customers using the Mountainview Landfill, (2) Western Maryland Transfer Station, (3) annual MRA report, and (4) information provided by the MDE. In addition, preliminary data for the year 2020 has been sampled from Mountainview Landfill reports and the annual MRA report.

Table 3-1 Allegany County Annual Waste Generation and Projections

	Actual (tons)	Projections (tons)					
Waste Category	**2019**	**2021**	**2023**	**2025**	**2027**	**2029**	**2031**
MSW Residential	7,215	7,190	7,220	7,250	7,280	7,311	7,342
MSW Commercial	14,622	14,571	14,631	14,692	14,754	14,816	14,880
MSW Mixed	33,409	33,291	33,431	33,570	33,711	33,852	33,998
Industrial (solids, liquid, etc.)	9,273	9,240	9,279	9,318	9,357	9,396	9,436
Institutional (schools, hospitals, etc.)	0	0	0	0	0	0	0
Demolition Debris (C&D)	7,646	7,619	7,651	7,683	7,715	7,747	7,781
Land Clearing	0	0	0	0	0	0	0
Controlled Hazardous Substance (CHS)	0	0	0	0	0	0	0
Dead Animals	0	0	0	0	0	0	0
Bulky or Special Waste	0	0	0	0	0	0	0
Vehicle Tires	0	0	0	0	0	0	0
Wastewater Treatment Plant Sludges	2,415	2,407	2,417	2,427	2,437	2,447	2,458
Special Medical Waste	134	134	134	135	135	136	136
Asbestos	44	44	44	44	44	45	45
Total MRA and Non-MRA Waste	**74,758**	**74,495**	**74,806**	**75,118**	**75,433**	**75,749**	**76,075**
Total MRA and Non-MRA Recyclables	**294,169**	**293,134**	**294,359**	**295,585**	**296,827**	**298,069**	**299,352**
Total Waste Generated	**368,927**	**367,166**	**369,166**	**370,703**	**372,260**	**373,818**	**375,427**

Notes:
1. Includes County-operated Oldtown, Flintstone, Little Orleans and Mountainview Landfill Refuse Disposal Sites
2. After Mountainview Landfill reaches permitted capacity, all Allegany County generated waste will be disposed out-of-State
3. MRA - Maryland Recycling Act

3.3 IMPORTED AND EXPORTED WASTE

Because of the regional nature of its solid waste facilities, Allegany County has historically been subject to an inflow of solid waste from outside its borders. Historically, the most significant sources of waste entering the County come from the following contributors:

- Town of Ridgeley, West Virginia
- Town of Piedmont, West Virginia
- Allegany Ballistics Laboratory, Rocket Center, WV
- Region 8 Solid Waste Authority Romney, WV

Mountainview Landfill accepts non-hazardous municipal solid waste and construction demolition from areas outside Allegany County.

Historically, minimal quantities of municipal solid waste which are generated in Allegany County are disposed outside of Allegany County. Undefined quantities of rubble may be leaving the County for disposal in Pennsylvania or West Virginia in lieu of paying for disposal at Mountainview Landfill.

In 2007, Howell Trucking, a major waste hauler in the county, began hauling waste to Mostoller Landfill in Somerset County, PA. In 2009, Interstate Waste Services (then owner of Mostoller Landfill) acquired Howell Trucking. In 2013, the Western Maryland Transfer Station, owned at the time by Interstate Waste Systems and now owned by Waste Management, was permitted and began operating. Solid waste processed there is exported to Mostoller Landfill in Somerset, PA. In 2014, Advanced Disposal purchased Interstate Waste Services and now collects solid waste in Allegany County, a majority of which is transported for disposal at the Mostoller Landfill.

Non-MRA (Maryland Recycling Act) solid wastes currently leaving Allegany County include the following items and estimated quantities:

- Recycled scrap metal – quantity unknown
- Fly ash from AES Warrior Run land reclamation – 60,000 tons/year
- Water treatment residuals from Cumberland - 500 tons/year
- Scrap tires to a recycler in Baltimore – 156 tons/year
- Wastewater sludge from Westvaco – 30,000 tons/year
- Household hazardous waste – 4.5 tons/year
- Sewage sludge from Cumberland – 2,500 tons/year

Materials generated from recycling activities, except yard trimmings, also currently leave the County. See Table 3-2 Recyclables Leaving Allegany County for quantities.

Table 3-2 Recyclables Leaving Allegany County

Calendar Year	Total MRA Recyclables (tons)	Compost (tons)	MRA Recyclables Leaving County (tons)
1998	11,042	2,510	8,532
1999	10,815	2,320	8,495
2000	15,289	2,731	12,558
2001	15,874	2,828	13,046
2002	19,343	2,300	17,043
2003	20,578	5,658	14,920
2004	21,268	2,267	19,001
2005	22,469	2,618	19,851
2006	24,686	3,197	21,489
2007	23,620	2,784	20,836
2008	25,122	2,600	22,522
2009	25,954	2,352	23,602
2010	21,923	3,461	18,462
2011	29,036	2,916	26,120
2012	29,551	3,174	26,377
2013	35,451	2,810	32,641
2014	33,881	2,321	31,560
2015	38,028	2,505	35,523
2016	45,545	2,025	43,520
2017	43,635	2,850	40,785
2018	37,761	2,800	34,961
2019	35,112	4,520	30,592

Below is a summary of the areas served and type of collection for each:

- Frostburg, Luke – Municipal (self-served)
- Cumberland, Barton, Westernport – Municipal (commercial contract)
- Frostburg State University – State facilities (self-served)
- Rocky Gap State Park, Correctional institutions – State facilities (commercial contract)
- LaVale, Lonaconing, Midland, all others – Subscription service

Although Allegany County does not regulate or license solid waste haulers, the following is a list of the larger commercial solid waste collection firms known to be operating in Allegany County as of 2021:

- Waste Management (formerly Advanced Disposal)
- United Disposal Service
- Curry's Dumpster Service
- Kiddie's Contractor Dumpster
- Frank's Dumpster Service
- Sunshine Sanitation Services
- Perry's Solid Waste Disposal
- Knobley Mountain Hauling
- Apple Valley Waste
- Burgmeier's Hauling, Inc.
- Selective Hauling, LLC

3.4 EXISTING SOLID WASTE ACCEPTANCE FACILITIES

Allegany County solid waste is currently accepted at four County-operated residential refuse disposal and recycling sites, a transfer station, and one private landfill. The County has contracted for the placement and hauling of recycling drop boxes from fifteen sites and has established a mulch and yard trimmings collection site.

3.4.1 MOUNTAINVIEW LANDFILL

On February 8, 1991, the Chambers Development Company was granted a permit for construction of a commercial 39.9-acre sanitary landfill located along Maryland Route 36 approximately two miles south of Frostburg. Said permit (No. 90-01-04-08A) was valid for a five-year period.

The Mountainview Landfill opened for operation on February 3, 1992 as a fully-privatized, commercial municipal solid waste landfill. In April 2011, Mountainview Landfill, Inc. (formerly Chambers Development Company) was issued its latest sequential five-year renewal permit for the landfill. Mountainview Landfill, Inc. is responsible for landfill planning, design, construction, operation, closure, and post-closure monitoring.

In 2020, Mountainview Landfill, Inc. was sold by Waste Management to GFL Environmental. In July 2021, GFL sold Mountainview Landfill, Inc. to Noble Environmental. Noble Environmental expects to operate the landfill until its permitted capacity is reached. They are investigating the potential to do a minor modification to the grading at the landfill to increase the capacity and additionally to open additional cells to further increase the capacity. If and when the landfill does reach capacity, Noble Environmental will be responsible for closure and post-closure care of the landfill.

Table 3-3 Mountainview Landfill Details

Maryland Grid Coordinates	N 713,920, E 774,817 (1983 datum)
Size	39.9 acres permitted (500-acre tract)
Solid Waste Accepted	Non-hazardous solid waste
Ownership	Mountainview Landfill, Inc. (wholly-owned subsidiary of Noble Environmental)
Permit Status	Permit No. 2011-WMF-0010 Issued 3/2011 Permit No. 2016-WMF-0010 Issued in 3/2016
Capacity Used in 2019	2.10%
Capacity Used to Date	94% as of 12/31/2019
Anticipated Years of Service Remaining	1 – 1.5 years (mid-late 2023)

Table 3-4 Annual Landfill Total Tonnages (Mountainview Landfill)

Calendar Year	Waste Landfilled at Mountainview Landfill (tons)	Total Remaining Permitted Capacity (tons)	Percent Total Capacity Used for Year
1998	130,854		
1999	127,127		
2000	126,089		
2001	116,429		
2002	122,722		
2003	166,767		
2004	125,983		
2005	112,915		
2006	132,584		4.28%
2007	120,686	1,010,519	4.54%
2008	107,363	962,467	3.30%
2009	97,761	666,738	2.65%
2010	60,671	606,067	2.00%
2011	64,514	541,553	2.30%
2012	80,991	515,919	2.89%
2013	84,736	375,796	3.03%
2014	85,332	290,364	3.00%
2015	75,426	215,038	2.69%
2016	84,258	216,300	3.00%
2017	81,162	362,820	2.50%
2018	72,830	261,085	2.30%
2019	69,165	191,920	2.10%

Table 3-5 Historic Landfill Tipping Fees

Fiscal Year	County MSW ($/ton)	County MSW Minimum Charge	County CD ($/ton)	Out-of-County MSW ($/ton)	Out-of-County CD ($/ton)	Scrap Tires (car/truck, $ each)
1993	31.00		51.00	42.00	55.00	-
1994	31.90		51.00	42.00	55.00	-
1995	32.83		51.00	42.00	55.00	2.00/5.00
1996	34.10		51.00	42.00	55.00	2.00/5.00
1997	35.10		51.00	42.00	55.00	2.00/5.00
1998	36.10		51.00	42.00	55.00	2.00/5.00
1999	37.10		51.00	42.00	55.00	2.00/5.00
2000	37.60		51.50	42.00	55.00	2.00/5.00
2001	38.60		51.50	42.00	55.00	2.00/5.00
2002	39.50		51.50	42.00	55.00	2.00/5.00
2003	40.00	27.18	51.50	42.00	55.00	2.00/5.00
2004	40.00	27.18	51.50	42.00	55.00	2.00/5.00
2005	41.00	27.18	52.50	43.00	56.00	2.00/5.00
2006	41.00	27.18	52.50	43.00	56.00	3.00/6.00
2007	42.00	27.18	53.50	44.00	57.00	3.00/6.00
2008	43.00	27.18	54.50	45.00	58.00	3.00/6.00
2009	44.29	27.18	56.13	46.35	59.74	6.00/10.00
2010	44.29	27.18	56.13	46.35	59.74	
2011	44.29	27.18	56.13	46.35	59.74	
2012	45.40	27.18	57.53	46.35	59.74	
2013	46.75	27.18	57.75	48.75	59.75	
2014	47.50		57.91			
2015	48.46	38.14	59.09			
2016	49.44		60.62			
2017	50.45	40.75	61.85			
2018	51.26	41.36	63.31			
2019	51.26		64.31			
2020	51.26		64.31			

Notes:

1. Includes a $1.00/ton recycling fee surcharge collected for Allegany County from 1992 to 1999; a $1.50/ton recycling fee beginning in July 2000.
2. An additional fuel surcharge has been assessed beginning August 2003.
3. As of March 2010, scrap tires were no longer accepted at the Mountainview Landfill. Scrap tires may be disposed of at various local businesses for a nominal cost. More information may be found in Section 3.5.6.
4. As of the date of this publication, an environmental fee of ~4% is added to the tipping fee.

Prior to February, 1998, Allegany County residents could dispose of three bags of trash at no fee at the Mountainview Landfill or three other refuse disposal sites. In February 1998, the County enacted a $0.25 fee per trash bag or can. That fee was raised to $0.50 fee per trash bag or can in May 2002, to $0.75 in January 2012, and to $1.00 in January 2017. The County pays for the hauling and tipping fee costs for disposal of this waste. The tag fee revenue in fiscal year 2019 was $252,253.75 which offsets about 69% of the $365,351.94 in cost for this service. See Appendix G.

3.4.2 WESTERN MARYLAND PROCESSING FACILITY AND TRANSFER STATION

The Western Maryland Transfer Station was opened in 2013 by Interstate Waste, the predecessor of Advanced Disposal. In 2020, Waste Management merged with Advanced Disposal and now owns and operates the Transfer Station, which is permitted for 90,500 tons per year capacity. Modifications to the Transfer Station are anticipated to handle the increased waste from Allegany County resulting from the pending closure of Mountainview Landfill in 2022.

Table 3-6 Western Maryland Processing Facility and Transfer Station Details

Location Address	13810 Hazmat Drive, Cumberland, MD 21502
Maryland Grid Coordinates	N 713,920, E 774,817 (1983 datum)
Size	5.85 acres
Solid Waste Accepted	Non-hazardous solid waste
Ownership	Waste Management
Permit Status	Permit No. 2019-WPT-0632, Expires 11/14/2024

3.4.3 COUNTY REFUSE DISPOSAL SITES

Currently, Allegany County maintains four Residential Refuse and Recycling sites (aka Green Box sites) where Allegany County residents may dispose of small quantities of household solid waste for a fee. These sites, along with active and closed landfill sites, are shown on Figure 3-1 Allegany County Solid Waste Disposal Facilities.

The County either leases the ground or has an agreement to use the sites. The sites, which are attended, are serviced by a contract hauler on an as-needed basis. See Table 3-6 County-Operated Refuse Disposal Sites for location and operating hours of each.

Table 3-7 County-Operated Refuse Disposal Sites

Oldtown	20124 Oldtown Road SE, Oldtown, MD 21555 County Roads Garage on MD Route 51	Wednesday 10 am – 6 pm Saturday 9 am – 5 pm
Flintstone	26706 National Pike, Flintstone, MD 21530 1.0 mile west of Fifteen Mile Creek Road *Note: This site will be closed and combined with Little Orleans to become a new site on MV Smith Road in late 2022.*	Thursday 10 am – 6 pm Sunday 9 am – 5 pm
Little Orleans	11306 Orleans Road South, Little Orleans, MD 21766 County Roads Garage on Orleans Road *Note: This site will be closed and combined with Flintstone to become a new site on MV Smith Road in late 2022.*	Friday 10 am – 6 pm
Mountainview Landfill	13300 New Georges Creek Road, Frostburg, MD 21532	Monday – Friday 7 am – 3:30 pm Saturday 7 am – 2 pm

3.4.4 SEPTAGE DISPOSAL

In November 1991, a committee established by the County Commissioners developed the Allegany County Septage Management Plan. That Plan is incorporated into this Solid Waste Management Plan by reference. A summary of the data and information included follows.

Total septage collected and disposed of is estimated at 580,000 gallons per year (1,600 gpd.)

Until March 2000, 95% of the commercially collected septage in Allegany County was disposed of at the Upper Potomac River Commission (UPRC) Wastewater Treatment Plant in Westernport. The remainder was disposed of out-of-County, either via treatment plants or land application. In March 2000, the UPRC facility stopped accepting septage. In April 2002, following completion of an upgrade project, a septage receiving station reopened at the UPRC facility. In 2020, UPCR accepted four to five truckloads of septage per day from commercial haulers in the tri-state area.

The National Park Service operates a wood chip and septage research compost site near Orleans, Maryland for 15,000-18,000 gallons of septage per year collected from its facilities along the C&O Canal.

Disposal of grease is a problem since no sewage treatment plants will accept it. Additionally, land application has proven troublesome and commercial haulers, such as rendering plants, will only service larger grease collection facilities.

3.4.5 SOLID WASTE DISPOSED OF IN OUT-OF-COUNTY FACILITIES

There are several identified solid waste materials that are disposed of by governmental jurisdictions in locations in Allegany County other than the Mountainview Landfill.

The City of Cumberland entered a fifteen-year contract with two additional five-year contract terms with New England Fertilizer Company in May 26, 2009 to operate a sludge drying facility at the Cumberland Wastewater Treatment Plant. This facility will produce a dry, pelletized fertilizer product from the bio-solids generated at the plant which is then marketed for land application.

The City of Frostburg operates a coal ash disposal site for its residents at its City Street Department facility.

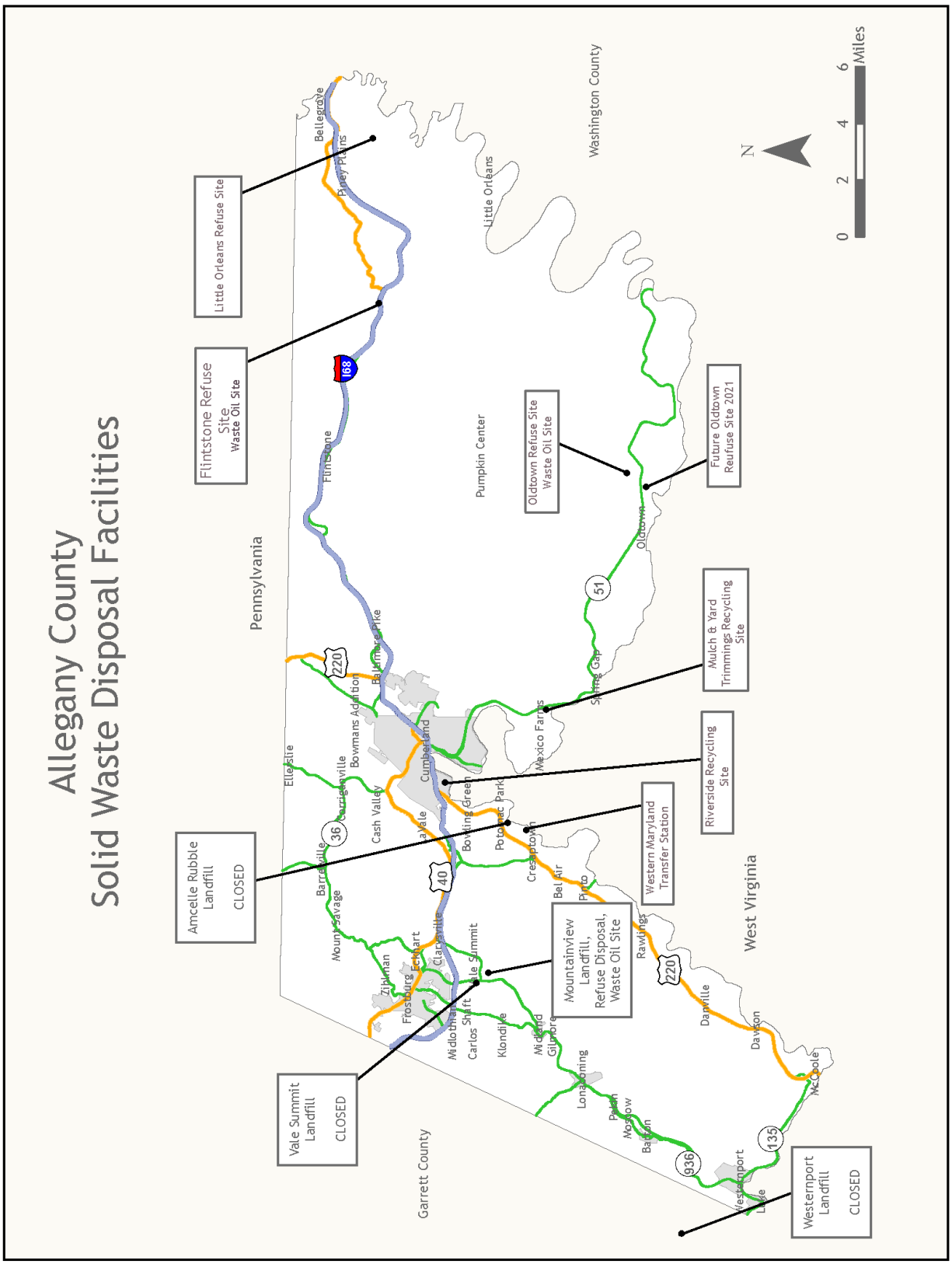

Figure 3-1 Allegany County Solid Waste Disposal Facilities

3.5 RECYCLING

In July 2001, following a competitive proposal process, Allegany County entered into continuing contracts with Penn-Mar Recycling to operate the Riverside Recycling Site and County Recycling Center. The current site is located at 975 Kelly Road, Cumberland, MD.

On June 22, 2001 the County entered in its first agreement with Penn-Mar Recycling LLC, to provide recovery, processing, reporting, and marketing of recyclable materials collected in Allegany County. Since this time the parties have entered into six agreements, dated February 2004, May 2007, January 2010, July 2014, April 2015, April 22, 2021. On October 6, 2011 Penn-Mar Recycling entered into a lease/purchase agreement with the Board of County Commissioners of Allegany County to lease real property known as Building 24 and 25 Riverside Industrial Park at 975 Kelly Road, Cumberland, Maryland and moved their operations from the former recycling building at 201 Riverside Avenue, Cumberland, MD to the aforementioned property. In 2020, Penn-Mar Recycling paid off the mortgage. At the Penn-Mar Building, the following recyclables are collected and processed for shipping:

- Aluminum and steel cans
- Newspaper
- Magazines
- Cardboard and paperboard
- Office paper
- White goods (aka appliances)
- #1 plastic
- #2 plastic
- Electronics
- Fluorescent light bulbs
- Batteries

The Riverside Recycling Site (formerly known as the County Recycling Center) is the most comprehensive of the County's recycling collection facilities.

Clear, brown, and green glass are separately collected at limited recycling sites and the contracted hauler transports the glass to Carry All Products in Connellsville, PA for processing.

3.5.1 RESIDENTAL RECYCLING MATERIAL DROP-OFF SITES

In 2019, the County purchased a Pro-Tainer brand roll-off trailer, and twenty-one 21-CY recycling boxes to eliminate leased boxes at the recycling sites and to decrease hauling costs. When full, these trailers are hauled by County staff to the recycler.

The County owns five trailers for collecting flattened cardboard and six trailers for collecting #1 and #2 plastics. The trailers are stationed at the Mountainview Landfill, Riverside Recycling Site, and Staples in LaVale. When full, these trailers are hauled by County staff to the recycling center. These trailers can be moved around as demand requires. The County has also established an office paper recycling program for State offices, County offices, and various small businesses at Riverside Recycling Site, and a collection bin is located at the Mountainview Landfill. There are three permanent locations for the collection of magazines. From 1993-2018, the County conducted an annual telephone book recycling program with prizes for school/student participation. This program was replaced by the plastic film recycling challenge, sponsored by Trex decking located in Winchester, VA from 2017-2020. The County recycling office will continue to work with local schools to educate students on recycling.

Figure 3-2 Allegany County Recycling Sites 2019 shows the current locations of recycling sites. Because the location and relocation of the boxes is a dynamic situation, the current locations are not listed in this plan, but are posted on the County's Recycling webpage. The County's Recycling Office provides the publicity necessary for public awareness of the recycling box locations.

Additional information on the County's recycling efforts is found in Section 4.3.2.

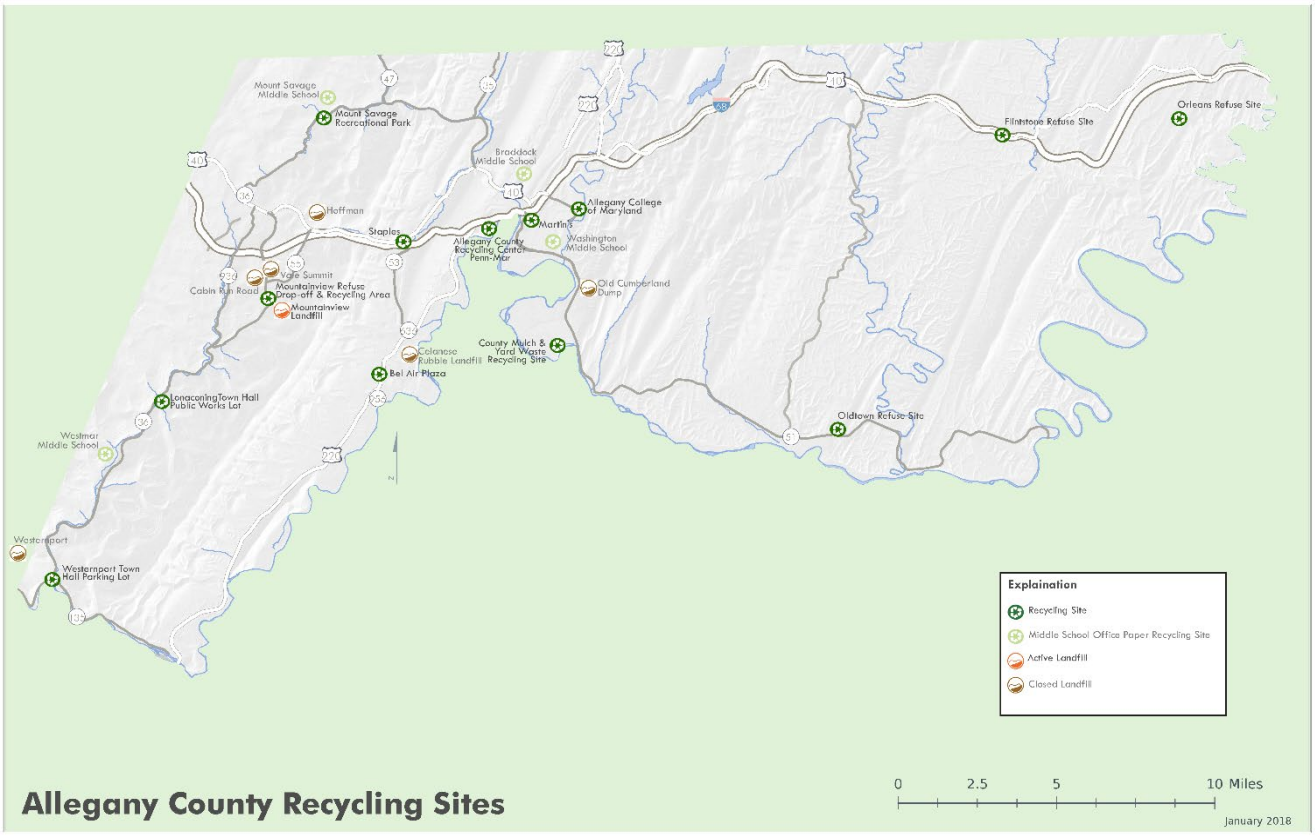

Figure 3-2 Allegany County Recycling Sites 2019

3.5.2 USED MOTOR OIL RECYCLING DROP-OFF SITES

There are four residential waste oil recycling drop-off sites available for public use in Allegany County. These sites are monitored by the County and the oil is collected via a contract established by the State of Maryland, through Maryland Environmental Service. In 2020, 9,304 gallons of used motor oil was collected.

Site Name	**Location**
• Riverside Recycling Site	End of Kelly Road Cumberland, MD 21502
• Flintstone Refuse Site	26706 National Pike Flintstone, MD 21530
• Oldtown Refuse Site	18622 Lower Town Creek Road Oldtown, MD 21555
• Mountainview Landfill	13300 New Georges Creek Road Frostburg, MD 21532

3.5.3 CURBSIDE RECYCLING

Effective July 1, 2014, the City of Cumberland began offering curbside recycling to its residents via its waste hauling contract with Burgmeier's Hauling. Burgmeier's was again awarded the 2019 contract to continue dual-stream curbside recycling, from July 1, 2019 – June 30, 2022 with two optional one-year extensions. See Figure 3-3 City of Cumberland Trash and Recycling Totals.

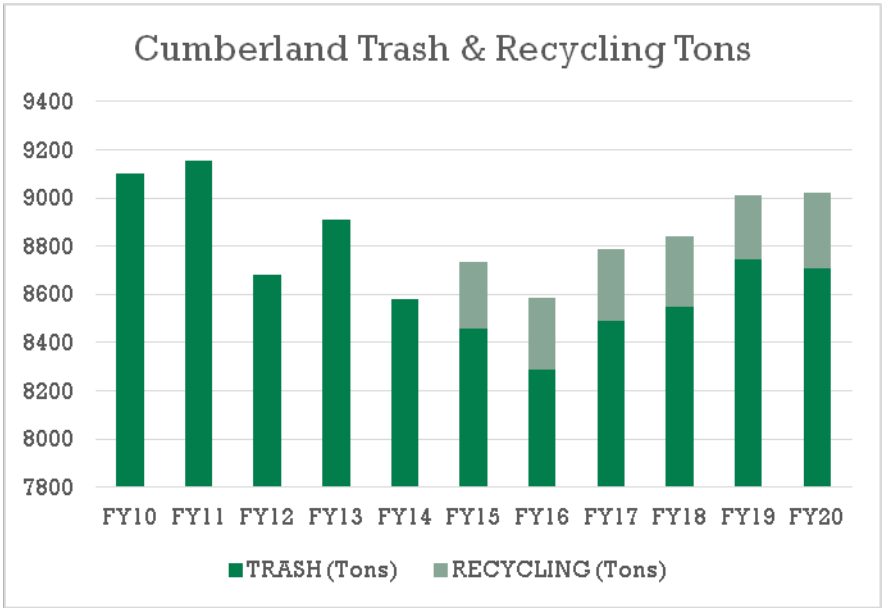

Figure 3-3 City of Cumberland Trash and Recycling Totals

3.5.4 MULCH AND YARD TRIMMINGS RECYCLING SITE

In April 1991, Allegany County established a low-technology mulch and yard trimmings site. The site was located along US 220 approximately three miles south of I-68 near Cresaptown on ground owned by the State of Maryland Western Correctional Institute (WCI.) Expansion of the WCI forced the County to relocate the mulch site. The site is now on County-owned property located at 11700 PPG Road, Cumberland, MD, as shown on Figure 3-2 Allegany County Recycling Sites 2019 above.

Leaves, trimmings, grass, and brush are collected and delivered by contract haulers from their service area, and there is a public drop-off area for the same materials at the site. The County also provides for Christmas tree drop-off and mulching after the holidays. Mulch is available for free to the public. Additionally, excess mulch created at the site is sold to Grant County Mulch (of Grant County, West Virginia) where it is further processed and sold for public use.

Given the success of the program, the possible placement of a satellite mulch and yard trimmings collection site at Mountainview Landfill or other location in the County is being considered.

Backyard composting also offers a non-burn alternative for material recovery. It is hoped that both the Mulch and Yard Trimmings Recycling site and composting in residential backyards has reduced the County Health Department's need to issue 2,097 burn permits in 2019.

3.5.5 WHITE GOODS

County residents may recycle white goods (including goods containing Freon) at private scrap metal collection facilities. In the 2021 Recycling Agreement, Penn-Mar Recycling, LLC added White Goods to the list of items collected and managed by Penn-Mar. See Appendix A.4

3.5.6 SCRAP TIRES

In 1998 and 1999, the City of Cumberland and Allegany County participated in separate programs to collect and dispose of residential scrap tires. The City's program consisted of curbside collection of scrap tires, while the County's program was a one-day drop-off event. The estimated weight of the collection events is shown in Table 3-8 Scrap Tire Collections.

In 2010, the County Commissioners approved a year-round County-sponsored scrap tire drop-off event charging resident $1.00/tire to help offset the cost of recycling and hauling. Since this time, the recycling fee for tires has increased with the cost of the residential trash sticker. It is currently $3.00/tire, as of December 2020.

In July 2011, the County Commissioners approved a pilot Scrap Tire Collection Program at the remote Refuse Disposal sites; the program is still in effect as of this date. Residents were charged $2.25/tire to help offset the cost of the program. The has been $3.00/tire since 2017.

In 2017, the County Recycling Program expanded its tire program to accept tires by appointment at the County Office Complex from County residents to provide an ongoing outlet for this hard-to-dispose-of item.

In 2018, the County sponsored a Tire Recycling Event at the County Fairgrounds, charging residents a special rate of $1.00/tire in response to the lack of Tire Amnesty Grant funding that was generously awarded from MDE allowing for free tire residential disposal in 2010- 2013.

In 2021, MNM&D, Inc., a company that recycles tires, opened a location in McCoole. As they get permitted and fully open, the County will look into options to have scrap tires recycled locally with MNM&D, Inc.

Table 3-8 Scrap Tire Collections

	Scrap Tires (tons)			
Year	**City of Cumberland**	**Allegany County Regular Collection**	**Allegany County Special Event**	**Total**
1998	98		177	275
1999	41		71	112
2000			25	25
2001			-	0
2002			103	103
2003			-	0
2004			72	72
2005			-	0
2006			110	110
2007			-	0
2008			88	88
2009			50	50
2010			57	57
2011		22		22
2012		22		22
2013			58.61	58.61
2014		11.3		11.3
2015		7.7		7.7
2016		9.9		9.9
2017		11		11
2018		7.1	11	18.1
2019		35		35

3.5.7 ELECTRONICS RECYCLING

Since 2002, the County conducted electronics recycling events where residents could drop-off televisions, computers, printers, and other electronic appliances to be recycled for a fee. The tonnages collected at these events are shown in Table 3-9 Electronics Recycling Totals.

Allegany County established an electronics recycling program in 2002. Allegany County's program accepted computers and monitors, televisions, printers, and similar devices from residents and businesses at special collection events held annually in Frostburg and Cumberland. These materials were transported to an electronics recycler at the conclusion of the event. This service was provided for a nominal fee by Allegany County.

More special drop-off events for electronics recycling were held in the years spanning 2013-2017, but electronics special event funding grants have since been unavailable. Since 2017, the County Recycling Program has promoted ongoing electronics recycling through Penn-Mar and local retailers accepting electronics for recycling, such as Staples and Goodwill.

After the Mountainview Landfill closes, TVs and other electronics will not be accepted for transfer to the Mostoller Landfill.

Table 3-9 Electronics Recycling Totals

	Electronics (tons)			
Calendar Year	Ongoing Residential	Commercial	Event	Total
2002			17.61	17.61
2003			7.12	7.12
2004		11.3	14.67	25.97
2005		38.82	29.41	68.23
2006		25.82	8.78	34.60
2007		61.17	48.22	109.39
2008		32.71	39.02	71.73
2009	14.2	80.56	6.56	101.32
2010	66	100.34	33.90	200.24
2011	40	110.76	21.80	172.56
2012	29.1	90.11	29.09	148.30
2013	24.1	109.86	1.88	135.83
2014	85.88	0.38	NA	86.26
2015	58.06	16.98	32.71	107.75
2016	77.5	10.49	10.24	98.23
2017	19.43	20.54	73.00	112.97
2018	44.0	16.5	NA	60.50
2019	49.98	9.88	NA	59.86

3.5.8 HOUSEHOLD HAZARDOUS WASTE DROP-OFF EVENTS

To date, the County has sponsored twelve Household Hazardous Waste drop-off events. On designated Saturdays in 1994-1996, 1998, 2000, 2002, 2004, 2006, 2008, 2015, 2017, 2019, and 2021 residents were invited to bring household hazardous waste (HHW) along with fluorescent light tubes, expired medicines, dry cell batteries and paint for reuse or recycling.

The HHW was handled and disposed of by Laidlaw, Inc. (1994 and 1995,) Care Environmental Corporation (1996 - 2006,) MXI Environmental Services (2008,) and ACV Environmental through a Maryland Environmental Service contract (2015 - 2019.) See Table 3-10 Household Hazardous Waste Special Collection Totals for the weight of material collected at each event.

Table 3-10 Household Hazardous Waste Special Collection Totals

Year	Household Hazardous Waste Collected (pounds)
1994	19,500
1995	5,500
1996	8,000
1998	6,600
2000	7,930
2002	10,300
2004	9,800
2006	9,040
2008	10,650
2015	4,260
2017	16,600
2019	19,377

The Household Hazardous Waste events scheduled for 2010 and 2012 were not held due to lack of available grant funding. In 2015 and 2017, the Solid Waste Management Board requested funding from municipalities, haulers, and the landfill to hold a Household Hazardous Waste Event. Since this time the Household Hazardous Waste Event, rebranded in 2019 as the Too Toxic to Trash event, is held biennially with funding from County, grant funding, and other sponsors.

3.6 ALLEGANY COUNTY APARTMENT BUILDING AND CONDOMINIUM RECYCLING (ABCR) PROGRAM

In April 2012, the Maryland General Assembly passed House Bill 1, Environmental-Recycling – Apartment Buildings and Condominiums requiring recycling in all apartment buildings and condominiums that contain ten or more dwelling units. The law became effective on October 1, 2012 (amending Section 9-1703 of the Environment Article, Annotated Code of Maryland.) Section 9-1703 (b) (12) of the Environment Article, Annotated Code of Maryland requires each County and Baltimore City to revise its recycling plan within the Solid Waste Management Plan by October 1, 2013.

3.6.1 APARTMENT BUILDING AND CONDOMINIUM RECYCLING PROGRAM

Through the cooperation of the Allegany County Department of Public Works (DPW) and local municipalities, the County has identified 59 apartment buildings and condominiums that fall under the scope of the law. Of these apartment buildings and condominiums, 45 are located within municipal boundaries; the remaining 14 are in unincorporated areas.

The County Recycling Coordinator will relay a copy of the law, the ABCR Program, including the materials that must be recycled (i.e., plastic, metal, glass containers and paper) to the apartment and condominium owner or property manager.

An apartment and condominium owner or property manager shall decide how the materials will be stored, collected, and transported to the recycling markets, Penn-Mar Recycling, or another bona fide recycling center. Apartment and condominium owners or property managers are encouraged to report to the County on an annual basis details on the required recycling activities. An online form will be prepared by the Recycling Coordinator. Other program requirements are listed below.

3.6.1.1 Materials Included in Program

Recyclables include: plastic, metal, and glass containers, and paper.

3.6.1.2 Collection of Material

Apartment and condominium owners or property managers are responsible for providing all containers, labor, and equipment necessary to fulfill recycling requirements throughout their buildings. Distinctive colors and/or markings of recycling containers should be provided to avoid cross contamination. The apartment and condominium owner or property manager must ensure collection and transportation of recyclable materials from apartment and condominium to the location where the materials are delivered.

3.6.1.3 Marketing of Materials

Apartment and condominium owners or property managers are responsible for the marketing of their recyclables or delivering them to the Penn-Mar Recycling. The apartment and condominium owners or property managers are encouraged to submit annual reports detailing the recycling tonnage removed from the apartment and condominium and the markets or bona fide recycling destination for the materials.

3.6.1.4 Stakeholders

Stakeholders that will be involved in implementing the law are:

1. County Commissioners – Responsible for adopting language of ABCR Program for the SWM Plan.
2. County Department of Public Works – Responsible for overseeing Recycling and Solid Waste activities and maintaining a list of all apartment buildings and condominiums that fall under the requirements of the ABCR Program.
3. County Recycling Coordinator – Responsible for communicating the requirements of the law to the apartment and condominium owners or property managers; As requested, assisting apartment and condominium owners or property managers in developing a recycling program; Developing an online recycling reporting survey to be used by apartment and condominium owner or property manager in reporting recycling activities.
4. County Solid Waste Management Board – Responsible for updating the County's recycling plan to include the ABCR program and amending the County Solid Waste Management Plan.
5. Owner or Manager of the Apartment Building or Councils of the Unit Owners of Condominium – Responsible for providing recycling to the residents of each apartment building or condominium by October 1, 2014; Securing and managing recycling contracts with a contractor for providing material collection and recycling services from the building locations; Providing material collection bins and containers for transporting the materials from the buildings to the markets; Performing record keeping and reporting to the County on annual basis as required.

3.6.1.5 Participating Apartment Buildings or Condominiums in ABCR Program

Jurisdiction	Owner(s)	ABC Address	ABC City	ABC ZIP	Units
Cumberland	Allegany Co Public Housing Authority	701 Furnace Street	Cumberland	21502	34
Cumberland	Baltimore Avenue Apartments	205 Baltimore Avenue	Cumberland	21502	43

Cumberland	Housing Authority of Cumberland, MD	135 N. Mechanic Street	Cumberland	21502	100
Cumberland	Housing Authority of Cumberland	302-304-306-308-310-312 Frederick Street	Cumberland	21502	25
Cumberland	Steinbach, Louis & David Trustees	10 N. Liberty Street	Cumberland	21502	68
Cumberland	Housing Authority of Cumberland, MD	235 Paca Street	Cumberland	21502	95
Cumberland	Cumberland Housing Preservation Partners, LP	220 Somerville Avenue	Cumberland	21502	114
Cumberland	Cumberland Partners, LP	701 Fourth Street, Apts. 103-113-115-	Cumberland	21502	71
Cumberland	Klot's Mill Lofts, LLC	903 Gay Street, SFD's 100 thru 103	Cumberland	21502	50
Cumberland	Housing Authority of Cumberland	75 (B#4 A-C) & 95 (B#5 A-H) W. Oldtown Rd	Cumberland	21502	80
Cumberland	Housing Authority of Cumberland	625 (Bldg #17/A-G) & 645 (Bldg #10/A-G) E. First Street	Cumberland	21502	125
Cumberland	Cumberland Associates, Ltd.	1500-02-04-06-08-10-12-14-16-18	Cumberland	21502	138
Cumberland	Allegany College of Maryland	10250 Willow Woods Court	Cumberland	21502	60
Cumberland	Crossgates, Inc.	229 Baltimore Avenue	Cumberland	21502	102
Cumberland	Cumberland Meadows, LP	12500 Willowbrook Road	Cumberland	21502	64
Cumberland	Craig Mahrle	805 Maryland Ave., Apts. 1 FF-Fr, 2 SF-Rr, 3 SF-Rr	Cumberland	21502	11
Cumberland	Gary L. Murphy	325 Pennsylvania Ave., Apt. 1 - 2 - 3	Cumberland	21502	10
Cumberland	Curlee Miller	311 Columbia St., Apts. 3 (SF Lft) & 4 (SF-Rt)	Cumberland	21502	10
Cumberland	Wolberg Leasing, LLC	607 Piedmont Avenue, Rear, Apts.	Cumberland	21502	18
Cumberland	Glenn T. Simpkins	818 Mt. Royal Avenue, Apts. 1-A, 2-B, 3-C,	Cumberland	21502	15
Cumberland	Cumberland Properties, LLC	12 S. Lee St., Apts. 1A Rt Side-1B Left Side	Cumberland	21502	11
Cumberland	Cendo Partners	937 Bishop Walsh Road, Apts. 3-4-5	Cumberland	21502	21
Cumberland	Cendo Partners	932 Seton Drive, Apts. 1 & 2	Cumberland	21502	22
Cumberland	Cendo Partners	947 Seton Drive, Apts. 1 through 8	Cumberland	21502	16
Cumberland	Matthew Kelly, Robert P. Shanholtz and Richard I. Godlove	328 Fayette St., Apts. 1 FF-Frnt Lt&2 FF Mdl Rr	Cumberland	21502	10
Cumberland	James E. Wilson, et al Trustees - Trust of Jeanne A. Wilson	103 Washington St., Apts. 1-A FF Front & 1-B FF Rr	Cumberland	21502	11
Cumberland	Dr. Marc Dinola	122 Bedford St Apt 3	Cumberland	21502	21
Cumberland	Jacobson Investments, LLC	212 Decatur St., Apts. 1FF-Rr & 2 FF-Rr	Cumberland	21502	10
Cumberland	Larry Werner	2 Altamont Terrace (FF-Front)	Cumberland	21502	11

Cumberland	Sinamericademy	650 Bishop Walsh Road, Apt. 302 (TF), Apt 303 (TF)	Cumberland	21502	12
Cumberland	Cendo Partners	951 Seton Dr	Cumberland	21502	10
Cumberland	11 Columbia LLC	Columbia Street	Cumberland	21502	16
Cumberland	Nationwide Health Properties, Inc.	506 White Avenue	Cumberland	21502	16
Frostburg	Failinger Kermit B-thelma J	9 Main St	Frostburg	21532	18
Frostburg	Housing Authority Of Frostburg	Broadway	Frostburg	21532	50
Frostburg	Mountain View Estates	Midolothian Road	Frostburg	21532	70
Frostburg	Mountain View Estates	White Ash Ln	Frostburg	21532	17
Frostburg	Mountain View Estates	316 Braddock Road	Frostburg	21532	17
Frostburg	M-s Investments Inc	88 Park Ln	Frostburg	21532	12
Frostburg	Re Frostburg Llc	Village Parkway	Frostburg	21532	157
Frostburg	Reece Brandon P	185 Park Ave	Frostburg	21532	10
Frostburg	Unger Raymond W-martha R	Bobcat Ct	Frostburg	21532	11
Frostburg	Valley View Assoc Lmtd Partnership	Mechanic Street	Frostburg	21532	30
Frostburg	Washington Ridge Limited Partnership	200 Bishop Murphy Drive	Frostburg	21532	28
Allegany	Adds Squires Inc	Ulh Hwy	Oldtown	21555	11
Allegany	Bel Air Apartments Lp	15819 McMullen Hwy SW	Cresaptown	21502	40
Allegany	Bible Richard D-kimberly R	13900 Baltimore Pike	Cumberland	21502	10
Allegany	Cresap Knoll Apartments Inc	12902 N Cresap St	Cumberland	21502	21
Allegany	Cresap Knoll Apartments Inc	12916 N Cresap Knoll Ave	Cumberland	21502	24
Allegany	Cresap Knoll Apartments Inc	12918 N Cresap St`	Cumberland	21502	24
Allegany	Fuller William H Jr	17202 Old National Pike	Frostburg	21532	14
Allegany	Holt Richard A Et Ux	345 National Hwy	LaVale	21502	11
Allegany	Jaynor Enterprises Inc	13102 Bowling St	Cumberland	21502	12
Allegany	Kelly F Patrick	300 National Hwy	LaVale	21502	16
Allegany	Macy Joyce B	Harold Dr	Cresaptown	21502	12
Allegany	Macy Joyce B	Harold Dr	Cresaptown	21502	12
Allegany	Squires F E Jr Et Ux Et Al	Baltimore Pike	Cumberland	21502	10
Allegany	Cumberland Mews Associates	16116 Orchard Mews Dr	Cresaptown	21502	32

Note: New apartment buildings or condominiums that will fall under the requirements of the law will begin participating in the ABCR when receiving occupancy permit from the appropriate jurisdiction.

3.6.1.6 Program Monitoring

The County Recycling Coordinator will assist the regulated entities, as requested, to comply with the ABCR Program. However, the apartment and condominium owner or property manager will conduct inspections, review service levels, investigate reported or unreported pick-up and disposal complaints, meet with residents or recycling contractor staff to educate or review practices, and review contractor compliance with the recycling contract.

The apartment and condominium owner or property manager shall be responsible to keep the residents current on new regulations, laws, and mandates affecting recycling in the apartment buildings or condominiums.

3.6.1.7 Program Enforcement

While the County will cooperate with and assist those regulated entities to comply with the law, the County does not plan to undertake responsibility for enforcement of this law either in its municipal or non-municipal areas.

3.7 COMMERICAL, INDUSTRIAL AND INSTITUTIONAL PROGRAMS

3.7.1 RECYCLING IN PUBLIC SCHOOLS

It is the responsibility of the Allegany County Commissioners to ensure the implementation of the Public Schools Recycling Plan. The Allegany County Board of Education (ACBOE) and the Allegany College of Maryland Board of Trustees (ACMBOT) have the responsibility for developing and implementing recycling programs for their respective schools. Allegany County Department of Public Works (ACDPW) solid waste and recycling staff will continue to provide technical support and guidance.

This Plan is to be implemented in compliance with State law as of October 1, 2010. Public School Recycling Plans must be completed and programs must be operational no later than October 1, 2010. At the time of publication of this plan, all Allegany County Public Schools and Allegany College of Maryland are participating in recycling programs as described in Recycling in Public Schools and summarized as follows.

3.7.1.1 Allegany County Public Schools

Due to current market and geographic limitations, there are no commercial haulers or processers available in the County for single-stream recycling. To implement this plan, schools shall continue to collect and separate materials and transport them to the Penn-Mar Recycling for processing and marketing. Materials that shall be collected in the public schools include cardboard, office paper, #1 plastics, phone books, fluorescent bulbs, ferrous and non-ferrous metals, and electronics. Collection is typically performed by custodial staff at each school, with materials picked up weekly and transported to Penn-Mar Recycling for processing and marketing. Materials to be collected under this program will be re-evaluated annually to ensure practicality of the program, with efforts made to expand the program to include additional materials as feasible.

3.7.1.2 Allegany College of Maryland

To implement this Plan, ACM will continue to collect and separate materials and transport them to Penn-Mar Recycling or another collection site for processing and marketing. Materials that shall be collected include cardboard, office paper, and electronics. ACM is working with Allegany County to establish a County recycling collection site on its campus. This site will serve as a collection point for materials generated on the campus including cans, newspaper and magazines. This collection site was established June 1, 2011. In recent years, Allegany College of Maryland contracted with Advanced Disposal to bring a comingled recycling program on campus. Materials to be collected under this program will be re-evaluated periodically to ensure practicality of the program with efforts made to expand the program to include additional materials as feasible.

A. Stakeholders include the Commissioners and ACDPW Solid Waste staff, ACBOE Operations staff, and ACM maintenance staff. ACDPW staff will provide technical support and guidance for the public school recycling program at the request of ACBOE and ACM. ACBOE and ACM staff will be responsible for the provision of collection containers in the schools and the collection and transport of sorted materials to a collection point.
B. As new schools are constructed, they will be added to the public school recycling program within 30 days of the start of the first academic year that the facility is open to students. Public schools involved in the recycling program include the following.

Elementary Schools

Beall
3 East College Avenue
Frostburg, MD 21532
301-689-3636

Bel Air
14401 Barton Blvd
Cumberland, MD, 21502
301-729-2992

Cash Valley
10601 Cash Valley Rd
LaVale, MD 21502,
301-724-6632

Cresaptown
13202 Sixth Avenue
Cresaptown, MD 21502
301-729-0212

Flintstone
22000 National Pike NE
Flintstone, MD 21530
301-478-2434

Frost
260 Shaw St,
Frostburg, MD,21532
301-689-5168

Georges Creek
15600 Lower Georges Creek Rd
Lonaconing, MD 21539
301-463-6202

John Humbird
120 East Mary Street,
Cumberland, MD, 21502
301-724-8842

Mount Savage
13201 New School Road
Mount Savage, MD, 21545
301-264-3220

Northeast
11001 Forest Avenue
Cumberland, MD 21502
301-724-3285

Parkside
50 Parkside Blvd,
LaVale, MD 21502
301-729-0085

South Penn
500 East Second St
Cumberland, MD 21502
301-777-1755

West Side
425 Paca Street
Cumberland, MD, 21502
301-724-0340

Westernport
172 Church Street
Westernport, MD 21562
301-359-0511

Middle Schools

Braddock
909 Holland Street
Cumberland, MD, 21502
301-777-7990

Mount Savage
13201 New School Road
Mount Savage, MD, 21545
301-264-3220

Washington
200 N. Massachusetts Avenue,
Cumberland, MD, 21502
301-777-5360

Westmar
16915 Lower Georges Creek Road
Lonaconing, MD 21539
301-463-5751

High Schools

Allegany
900 Seton Drive
Cumberland, MD 21502,
301-777-8110

Fort Hill
500 Greenway Ave,
Cumberland, MD 21502
301-777-2570

Mountain Ridge
100 Dr. Nancy S. Grasmick Lane
Frostburg, MD, 21532
301-689-3377

Center for Career and Technical Education
142111 McMullen Highway
Cresaptown, MD 21502
301-729-6486

Other Schools

Eckhart Alternative
17000 National Highway SW
Frostburg, MD 21532
301-689-3483

Colleges

Allegany College of Maryland
12401 Willowbrook Road SE
Cumberland, MD 21502
301-784-5000

Note: Frostburg State University falls under existing State recycling requirements.

3.7.1.3 Program Implementation Schedule

Allegany County Public Schools operations staff and ACM staff currently collect and transport materials to a County recycling collection point on a weekly basis or as needed. This method of collection will continue at the current frequency after October 1, 2010.

3.7.1.4 Program Monitoring and Contingencies

ACBOE and ACM shall report annually, by March 1 of each calendar year, the types and amounts of materials collected at each school during the previous calendar year to the ACDPW Recycling Coordinator. Following this report and a at minimum annually, ACDPW solid waste and recycling staff will meet with ACBOE facilities staff and ACM staff to discuss the state of the public school recycling program. If public schools are determined to be out of compliance with the Public School Recycling Plan, ACDPW solid waste staff will notify, within 30-days of the determination, the schools of non-compliance issues and recommended solutions. The school will then have 30-days to respond and implement corrections to the identified non-compliance issues.

3.7.2 OFFICE BUILDING RECYCLING PLAN

3.7.2.1 Collection and Marketing

Per Section 9-1714 of the Environment Article, Annotated Code of Maryland, office building owners will be responsible for providing all containers necessary to fulfill recycling requirements throughout their buildings, as well as determining the collection schedule directly with the collection contractor by October 1, 2021. Each owner of the participating office building must provide recycling receptacles for the collection of paper, cardboard, metals, and plastic materials and for the removal for further recycling of recyclable materials deposited into the recycling receptacles. Distinctive colors and/or markings of recycling containers should be provided to avoid cross contamination. Office building owners must ensure collection and transportation of recyclable materials from office building locations to processing site or transfer station and are responsible for any associated costs. Owners and/or tenants will be responsible for placing recyclables in building recycling bins prior to their removal on the scheduled pickup day.

3.7.2.2 Stakeholders

Stakeholders include the owners and tenants of applicable office buildings in Allegany County.

3.7.2.3 Required Participants

At the time of the implementation of this requirement, no properties were identified through SDAT records that met the 150,000 square-foot or greater area of office space needed to require participation.

3.7.2.4 Schedule of Implementation

By October 1, 2021:

- Allegany County will post literature about the office building recycling program on the County webpage. Office building owners will begin to educate workers/tenants (as applicable) about the program and the requirements of the law.
- Office building owners will coordinate with tenants (as applicable) to reach agreement as to which entity will be responsible for carrying out the office building recycling program.
- Office building owners will provide recycling receptacles for the collections of recyclable materials.

On or before October 1, 2021, office building owners meeting the required participant level, must have recycling services in place and operational in order to meet the requirements of the office building recycling program. Owners of all size office buildings are encouraged to voluntarily participate in this recycling effort.

3.7.2.5 Program Monitoring

Monitoring of recyclable materials bins will be carried out by office building owners and/or tenants. Allegany County may require the office building owner and/or tenant to report to the County metrics associated with the office building recycling program.

3.7.2.6 Enforcement

The County is not required to manage or enforce the recycling activities of an office building located within the boundaries of one if its municipalities; however, an enforcement agent of the County or municipality may conduct inspections in order to enforce this program.

The County Recycling Office will notify any future affected office building owners of the implementation requirements in accordance with Sections 9-1703 and 9-1714 of the Environment Article, Annotated Code of Maryland. While the County will cooperate with and assist those regulated entities to comply with the law, the County does not plan to undertake responsibility for enforcement of this law either in its municipal or non-municipal areas.

3.8 ALLEGANY COUNTY SPECIAL EVENTS RECYCLING PROGRAM (SERP)

Environment Article, §9-1712, Annotated Code of Maryland, requires Special Events Organizers (SEO) to provide for recycling at special events that meet the following three criteria:

1. Includes temporary or periodic use of a public street, publicly owned site or facility, or public park;
2. Serves food or drink; and,
3. Is expected to have 200 or more persons in attendance.

Projected attendance may be estimated based on past attendance, number registered to attend, the venue's seating capacity or other similar methods.

In consultation with municipalities, the County has identified the following public sites within the County that host or may host special events meeting the above criteria. In addition to the sites listed individually, special events taking place on any local, State, or Federally-owned streets are also included in the Special Events Recycling Program (SERP). See Table 3-11 Municipal, County, State and Federal Sites That May Hold Special Events.

Table 3-11 Municipal, County, State and Federal Sites That May Hold Special Events

Name	Acreage	Classification	Ownership
Allegany County Fairgrounds	151	Community Park	County
Allegheny Highlands Trail	417	Community Park	County
Bel Air Community Park	10	Community Park	County
Cresaptown Community Park	4	Community Park	County
Dans Rock Overlook Park	0	Community Park	County
Ellerslie Community Park	11	Community Park	County
Flintstone Community Park	14	Community Park	County
Holly Avenue Recreation Area	8	Regional Park	County
Hoffman Community Park	12	Community Park	Municipal
C & O Canal National Historical	3,000	National Park	Federal
Fort Cumberland Trail	0	Community Park	Municipal
Paris Glendenning Recreation Complex	28	Community Park	Municipal
Lonaconing Horseshoe Pits	1	Historical/Cultural Area/Site	Municipal
Barton Ballfield	7	Community Park	Municipal
Barton Center Parklet	0	Community Park	Municipal
Barton Recreation Park	2	Community Park	Municipal

Barton School Memorial Park	1	Community Park	Municipal
Braddock Park	6	Community Park	Municipal
Centre Street Recreation Area	1	Community Park	Municipal
East End Playground	1	Community Park	Municipal
Fairmont Avenue Recreation Area	1	Community Park	Municipal
Frostburg Community Park	8	Community Park	Municipal
George Washington Headquarters	0	Community Park	Municipal
Holland Street Park	2	Community Park	Municipal
Howard Street Park	0	Community Park	Municipal
Jaycees Recreation Area	2	Community Park	Municipal
Lonaconing Downtown Parklet	0	Community Park	Municipal
Lonaconing Furnace Park	2	Historical/Cultural Area/Site	Municipal
Lonaconing Recreation Area	1	Historical/Cultural Area/Site	Municipal
Midland Municipal Ballfield	6	Neighborhood Park	Municipal
Mount Pleasant Recreation Park	2	Neighborhood Park	Municipal
Sedgewick Street Recreation Area	3	Neighborhood Park	Municipal
Smith Park	1	Neighborhood Park	Municipal
South End Recreation Area	55	Neighborhood Park	Municipal
Spring Street Park	4	Neighborhood Park	Municipal
Springdale Street Playground	1	Neighborhood Park	Municipal
Taylor Community Athletic Field	2	Neighborhood Park	Municipal
Valley Street Park	0	Neighborhood Park	Municipal
Frostburg West End Park	3	Neighborhood Park	Municipal
Westernport Creekside Park	4	Neighborhood Park	Municipal
Westernport Downtown Park	0	Neighborhood Park	Municipal
Westernport Memorial Park	8	Neighborhood Park	Municipal
Westernport Municipal Park	5	Neighborhood Park	Municipal
Constitution Park	150	Neighborhood Park	Municipal
Dan's Mountain State Park	481	State Park (DNR)	State
Frostburg State University	85	University Sports	State
Rocky Gap State Park	3,200	State Park (DNR)	State
Green Ridge State Forest	49,000	State Forest (DNR)	State
LaVale Lions Ball Field	8	Community Park	County
Ridgedale Playground	1	Neighborhood Park	Municipal

3.8.1 MATERIALS AND OBLIGATIONS

Special Events Organizers are responsible for:

3) Providing and placing recycling receptacles adjacent to each trash receptacle at the event (except where already existing on site;)
4) Ensuring that recycling receptacles are clearly distinguished from trash receptacles by color or signage;
5) Providing any other labor and equipment necessary to carry out recycling at the event;
6) Ensuring that materials placed in recycling receptacles are collected and delivered for recycling; and,
7) Paying any costs associated with recycling at the special event.

Special Events Organizers may fulfill the requirement to ensure materials are collected and delivered for recycling through one or more of the following methods:

1) Self-hauling the materials to a County recycling drop-off site;
2) Contracting with a recycling hauler to collect the materials and deliver them for recycling; or
3) Receiving prior agreement from the site owner to use an existing on-site recycling collection system.

Recycling at a State-owned site must follow the State agency's recycling plan, if available. Recycling at a federally-owned site must follow any applicable federal recycling plan. If no State or Federal recycling program is available for the site, the SEO must set up a recycling program in accordance with the SERP. Recycling at municipally-owned sites must follow any additional regulations established by the municipality.

3.8.2 STAKEHOLDERS

The following stakeholders will be involved in the SERP:

1) Allegany County Department of Public Works (ACDPW) may oversee recycling activities and may provide assistance to all properties that potentially host events falling under the recycling mandate in §9-1712 that are included in the SERP.
2) ACDPW in cooperation with Allegany County Solid Waste Management Board will publicly communicate the requirements of the law to prospective Special Events Organizer and owners/operators of publicly-owned sites in the County. Allegany County Department of Public Works Recycling Office may assist SEO in setting up recycling programs; monitor the progress and performance of the SERP; and develop and communicate any additional requirements for recycling under the SERP at County-owned facilities.
3) Special Events Organizer is responsible for providing recycling bins and ensuring collection for recycling in accordance with the requirements in §9-1712, beginning on October 1, 2015.

3.8.3 PROGRAM MONITORING

The Special Events Organizer may cooperate with the County Recycling Coordinator to monitor progress and performance of the SERP, as follows:

- Outreach - Special Event Recycling Fact Sheet outlines the SERP requirements for SEO and is available on the County's Recycling webpage at alleganygov.org/recycle
- Monitoring - Special Event Recycling Report Form may be used to report to Allegany County's Recycling Coordinator the amount of recycled material at the special event. The Report Form is available on the County's Recycling webpage at alleganygov.org/recycle

The SEO is responsible for monitoring the implementation of recycling at the special event. SEOs must oversee labeling and placement of recycling receptacles and collection and recycling of recyclables. Performance of any recycling contractor engaged for compliance with the SERP may be monitored by the SEO. The SEO must promptly take action to correct any deficiencies in the contractor's performance.

3.8.4 PROGRAM ENFORCEMENT

While the County will cooperate with and assist those regulated entities to comply with the law, the County does not plan to undertake responsibility for enforcement of this law either in its municipal or non-municipal areas.

Chapter 4 Assessment of Needs

4.1 ASSESSMENT OF SOLID WASTE SYSTEMS

4.1.1 VALE SUMMIT (CABIN RUN) LANDFILL

The Vale Summit (Cabin Run) Landfill is located west of Maryland Route 36 and south of I-68 approximately two miles south of Frostburg. The County has maintained a landfill in this immediate area since 1971. The Vale Summit Landfill stopped accepting wastes on February 3, 1992. This site is closed in accordance with MDE regulations. A final synthetic cap was installed in 1994. Groundwater monitoring wells were installed in 1997 and a semi-annual sampling program is in progress.

ASSESSMENT: This facility is closed and under a post-closure program as prescribed by MDE until 2024.

4.1.2 WESTERNPORT (MORAN) LANDFILL

The Westernport (Moran) Landfill is located approximately two miles northwest of Westernport in Garrett County. Allegany County has maintained a landfill in this immediate area since 1970. The Westernport Landfill stopped accepting waste February 1992.

This site is closed in accordance with MDE regulations. A final non-synthetic cap was installed in 1994. Installation of an impermeable synthetic cap was completed in 2004. Groundwater monitoring wells were installed in 1997, and a semi-annual sampling program is in progress.

ASSESSMENT: This facility is closed and under a post-closure program as prescribed by MDE until 2035.

4.1.3 MOUNTAINVIEW LANDFILL

Chambers' Mountainview Landfill, Inc. was permitted for construction on February 8, 1991. As of March 15, 1999, it became known as Mountainview Landfill, Inc. It is a commercially owned and operated landfill, located on a 500-acre site with a 39.9-acre permitted area east of Maryland Route 36, approximately three miles south of Frostburg. The operating permit is valid for five years and renewable thereafter. The permit was renewed for a five-year period commencing in April 2016. Under contract to Allegany County, Mountainview may accept non-hazardous waste after securing all permits and governmental authorizations, and operate "in accordance with all standards imposed by any federal, state or local authorities" for a period twenty years from date of first receipt of acceptable County waste. The landfill began accepting municipal solid waste on February 3, 1992. A second contract is in place for the period of February 2013 – February 2033. On July 13, 2019 a notification letter was sent to Allegany County explaining it would be cost-prohibitive to expand the capacity of the landfill beyond the current permitted capacity, which is through 2022. Since the notification, Waste Management has merged with Advanced Disposal, and as of November 19, 2020 is the owner of the Western Maryland Transfer Station. See the section below for more information. In October 2020, the Mountainview Landfill was sold to Green for Life Environmental, Inc. On November 19, 2020, a new landfill contract was developed with Allegany County until the current permitted capacity has been met, which is expected in the first quarter of 2022. In July 2021, GFL sold Mountainview Landfill, Inc. to Noble Environmental. They now have responsibility for the landfill contract and eventual closure of the landfill. They are currently investigating options to increase capacity of the landfill in order to keep it open beyond the date provided by Waste Management. They are projecting that the landfill will be able to remain open until mid-late 2023 with no major changes.

The 39.9-acre site is divided into an eight cell footprint. The original design envisioned the need to expand beyond this footprint in order to accommodate the 125,000 tons per year for twenty-year period provision, until 2022, in the contract with Allegany County.

In January 1998, modification of the shape of the 39.9-acre footprint, which was supported by Allegany County, was approved by MDE.

ASSESSMENT: Based on the current tons per year, there is enough permitted solid waste disposal capacity located in the County at the Mountainview Landfill to manage its expected in-County generated municipal solid waste into the year 2023. If Noble does not expand the landfill and it reaches capacity, the County will divert all solid waste to the Western Maryland Transfer Station, owned by Waste Management, and transfer it to the Mostoller Landfill in Somerset, PA.

4.1.4 WESTERN MARYLAND TRANSFER STATION AND MOSTOLLER LANDFILL

The Western Maryland Transfer Station is located behind the State and Federal Prisons at 13810 Hazmat Drive, off of US Route 220 in Cresaptown, Maryland. The Transfer Station began operations in September 2013, and renewed its permit on November 15, 2019. Permit No. 2019-WPT-0632 expires on November 14, 2024. The facility is permitted for 90,500 tons per year and is now owned by Waste Management, as of the Advanced Disposal merger on October 31, 2020. As per the Waste Management, Inc. Contract with the County dated November 19, 2020, after the Mountainview Landfill reaches it permitted capacity, all solid waste in Allegany County will be diverted to the Western Maryland Transfer Station, and transported to Mostoller Landfill until 2035, see Appendix A.

Some modifications to the Transfer Station will need to be made to accommodate the increased number of customers.

The Mostoller Landfill, owned by Waste Management, is permitted by the Pennsylvania Department of Environmental Protection to accept an average of 2,000 tons per day and a maximum of 2,400 tons per day. As of 2019, the landfill accepts 800 - 1,000 tons per day. The landfill is permitted through 2050, with ten-year renewals. Site information is listed below.

- Address: 7095 Glades Pike
Somerset, PA 15501
- Size: 93 acres permitted; over 200 acres owned
- Solid Waste Accepted: Non-hazardous, non-rubble
- Ownership: Waste Management, Inc.
- Permit Status: Pennsylvania Department of Environmental Protection, 101571
- Anticipated Years of Service Life: 93 acres expected to have capacity until 2050

ASSESMMENT: Based on the current tons per year, the Western Maryland Transfer station has the capacity to take all of Allegany county's projected 75,000 tons per year of waste. Similarly, the Mostoller Landfill has some 300,000 tons per year excess permitted capacity, which is adequate to serve as an ultimate disposal site for Allegany County's 75,000 tons per year of solid waste until 2035.

4.1.5 COUNTY-OPERATED RESIDENTAL REFUSE SITES

Currently, the County maintains four residential refuse disposal sites which accept household solid waste in small quantities. NOTE: These refuse disposal sites also have drop boxes for household recyclables and used oil collection. See Section 3.4.2. These or similar operations are planned to be continued through the period, with disposal at the Mountainview Landfill site until closure, and then the Western Maryland Transfer Station and ultimately the Mostoller Landfill. Relocation of the Oldtown site was completed in January 2022. Consolidation of the Little Orleans and Flintstone sites into a single, more comprehensive site is currently being planned for late 2022.

ASSESSMENT: Based on previously mentioned population and waste generation projections, the current or modified number and locations of refuse disposal sites is adequate for the next ten years.

4.2 SITE CONSTRAINTS

The following information shall be used to consider constraints imposed upon the establishment of a solid waste acceptance facility.

The geographical considerations for the siting of solid waste management facilities in the County is discussed and assessed based on all of the following criteria:

a) Topography
b) Soil Types and Characteristics
(c) Geologic Conditions
(d) Location
(e) Aquifers Use and Depth
(f) Wetlands
(g) Surface Water
(h) Existing Water Quality
(i) Land Use
(j) Planned Long Term Growth
(k) Defined Critical Area
(g) Surface Water

The following section discusses the topography and other geologic characteristics that typically exist in Allegany County. However, it is recognized that the ultimate determination of siting and site suitability is a determination of the permitting process administered by the Maryland Department of the Environment.

4.2.1 TOPOGRAPHY

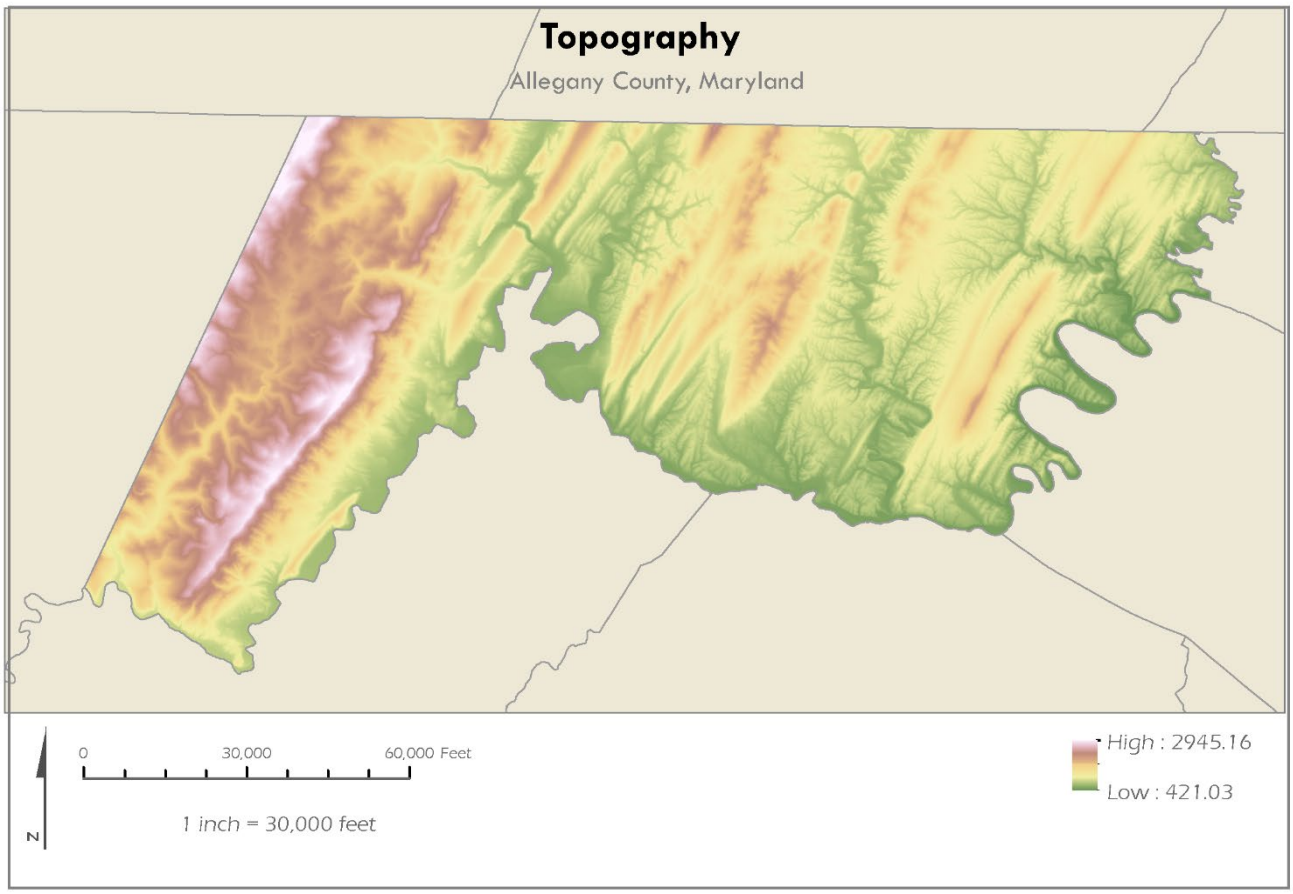

Figure 4-1 Topography Map

Topographically, Allegany County is an area of steep slopes, narrow valleys, and ridge tops.

In the mountainous section of the Allegheny Plateau, there are two narrow, twisting stream valleys. Georges Creek and Jennings Run have cut into the Allegheny Plateau, exposing numerous rock units and coal seams on both flanks of their narrow valleys. Elevations in the Georges Creek syncline range between less than 1,000 feet near the Potomac River to 2,000 feet near the Pennsylvania line, and in the Dans Mountain chain between 2,000 feet in the north to 2,700 feet in the south. Located along the drainage divide on a land surface, which probably existed in the entire area west of Dans Mountain before stream cutting began, is the City of Frostburg.

To the west of the stream valleys, the land surface rises toward Big Savage Mountain whose crest is in Garrett County. The linear ridge including Big Savage Mountain is 2,934 feet above sea level at Sampsons Rock near the Pennsylvania border.

The Allegheny Front is the boundary between the Allegheny Plateau and Ridge and Valley physiographic regions of the Appalachian Province.

The Allegheny Front is crossed by three streams: the North Branch of the Potomac River at an elevation near 850 feet above sea level; Braddock Run at an elevation of near 1,100 feet; and Jennings Run at an elevation of nearly 850 feet. Slopes are very steep along these streams, as each stream valley is nearly 1,500 feet below the summit of the front.

In the area between Midland and Westernport, the valley floor along Georges Creek is nearly 1,000 feet below the surrounding plateau surface. The land surface is more rolling and slopes are generally less than 500 feet in elevation between Midland and Frostburg.

In this section of Allegany County, nearly all of the land is above elevation 1,000 feet and 50 percent is above 2,000 feet in elevation. The only areas below 1,000 feet are along the three streams, which cut across the Allegheny Front.

The Ridge and Valley section of Allegany County contains a number of major ridges and their numerous offshoots. The major ridges are Town Hill, Green Ridge, Stratford Ridge, Polish Mountain, Warrior Mountain, Martin Mountain, Collier Mountain, Nicolas Ridge, Irons Mountain, Evitts Mountain, Shriver Ridge, and Wills Haystack Mountain.

Ridge crests in this area are not nearly as high above sea level as those in the Allegheny Plateau section of the County, and, contrary to those in the plateau area, these ridges decrease in elevation southward toward the North Branch and the Potomac River. Evitts Mountain, at nearly 2,300 feet above sea level, is the highest point in the Ridge and Valley section.

The entire area is drained by the Potomac River and its tributaries, the major streams being Wills, Evitts, Town, Fifteen Mile, and Sideling Hill Creeks. Most of these stream valleys range between 450 and 800 feet above sea level, making, in most cases, the difference in elevation from valley floor to ridge crests between 800 and 1,500 feet. The most spectacular change in elevation is near Cumberland where Wills Creek cuts across Wills Mountain, forming a water gap, which is nearly 800 feet high at one point.

Nearly all of the land in the Ridge and Valley section of the County is below elevation 2,000 feet, and approximately 50 percent of this land is below 1,000 feet. The only areas above 2,000 feet are the crests of Evitts and Warrior Mountains and Town Hill. Nearly all of the land in the river valleys is below 1,000 feet, and the lowest point in the County, with an approximate elevation of 450 feet, is located at the confluence of Sideling Hill Creek and the Potomac River.

Fifty five percent of the land in Allegany County has a slope greater than 15 percent; 25 percent, a slope of 8 to 15 percent; and 20 percent, a slope of less than 8 percent. Most of the land with less than 8 percent slope is floodplain or mountain crests, and thus, only the small amount of remaining land is suitable for agricultural and urban use.

The headwaters of the North Branch of the Potomac River occur outside Allegany County at an elevation of 3,150 feet mean sea level. The elevation at its confluence with the South Branch Potomac River near Oldtown is 530 feet. The average slope upstream of Luke is about 50 feet per mile (1:100) while downstream the average is only 8 feet per mile (1:660).

4.2.2 SOIL TYPES AND THEIR CHARACTERISTICS

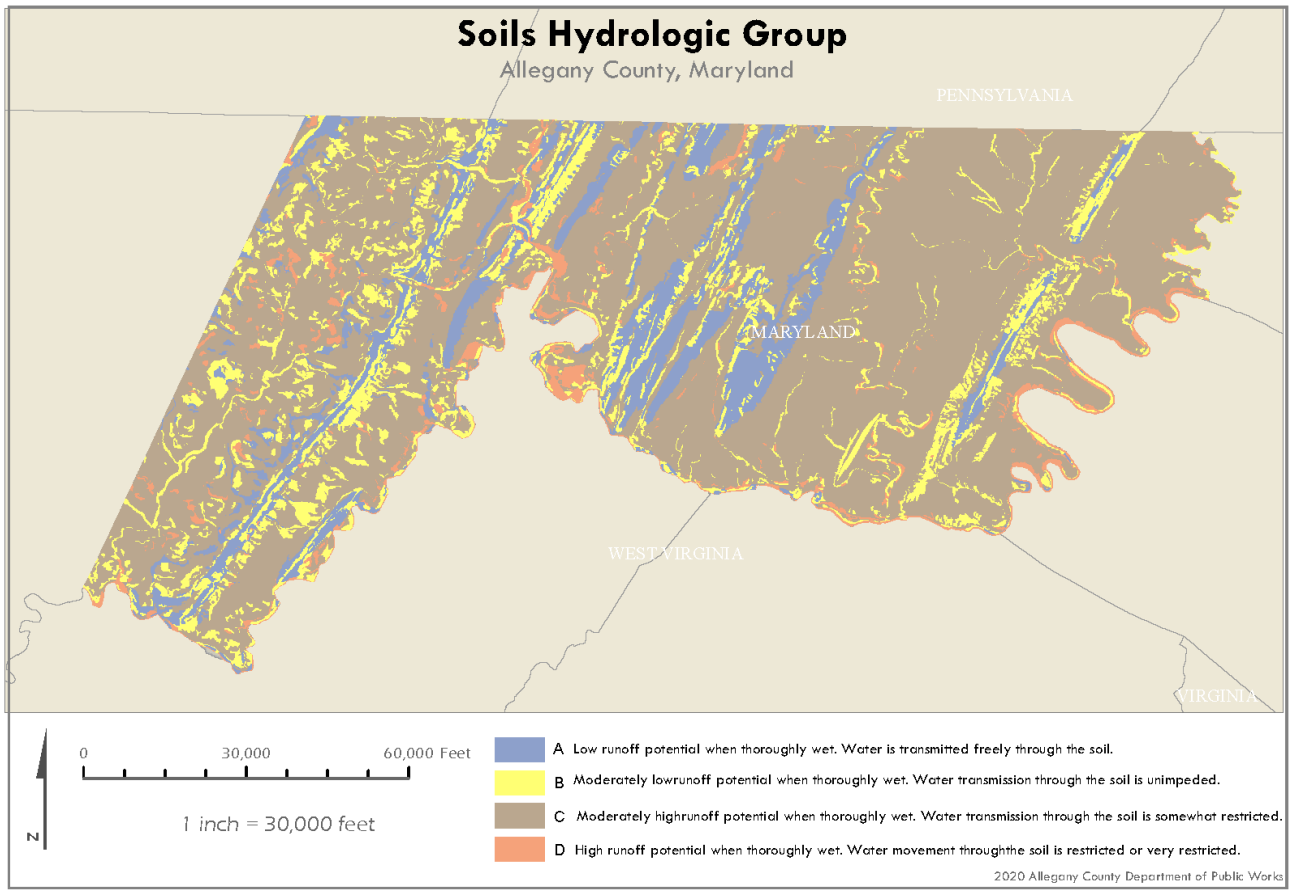

Figure 4-2 Soils Hydrologic Group Map

Consult the Soil Survey of Allegany County, Maryland.

Most soils in Allegany County have strongly differentiated horizons. Only weak horizonation is evident, however, in the young soils on floodplains.

The formation of soil horizons is the result of one or more processes. These processes are: 1) accumulation of organic matter; 2) leaching of carbonates and other soluble compounds; 3) chemical weathering, chiefly by hydrolysis, of the primary minerals of parent material into silicate clay minerals; 4) translocation of silicate clay minerals, and probably some silt sized particles, from one horizon to another; and 5) chemical changes (oxidation, reduction, and hydration) and movement of iron.

In almost all soils found in Allegany County, several of these processes have been active in the development of horizons. For example, the interaction of the first, second, third, and fourth processes given in the previous paragraph is reflected in the strongly expressed horizons of the Hagerstown soils, and all five processes have been active in the development of the moderately well-drained to somewhat poorly drained Albrights and Cavode soils. Only the first process has had any marked effect on the Huntington and Pope soils. In some soils that formed in transported and redeposited material, leaching of carbonates and other compounds probably took place before soil materials were redeposited; some of the other processes could have been active before deposition.

Some organic matter has accumulated in all the soils to form an A1 horizon. In many places, however, the A1 horizon has lost its identity as a result of tillage and is now part of an Ap horizon. The amount of organic matter varies in different soils. The Dekalb and Lehew soils, for example, have weak, thin A1 horizons that are low in organic matter, while at the other extreme the Lickdale soil has a prominent, thick A1 (or Ap) horizon that is high in content of organic matter.

Some studies of clay mineralogy of soils in this part of Maryland have been made. Generally, soils contain a mixture of clay minerals, but no particular mineral strongly dominates. Thus, all soils of Allegany County, except one, are classified as having mixed mineralogy. The exception is the Leetonia

soil, classified as siliceous. However, a likely possibility is that the clay fraction in the Cavode soils is relatively high in kaolinite, and that the clay fraction in the Hagerstown, Edom, and Opequon soils is relatively high in illitic minerals.

The downward movement of clay minerals has contributed strongly to the development of horizons in many soils. These minerals have been partly removed from the A1 and A2 horizons and partly immobilized in a Bt horizon. This is characteristic of the Albrights, Allegheny, Belmont, Brooke, Buchanan, Cavode, Chavies, Cookport, Edom, Ernest, Gilpin, Hagerstown, Laidig, Landisburg, Loysville, Meckesville, Monongahela, Nolo, Opequon, Robertsville, Shelocta, Tyler and Westmoreland soils. Clay may also have moved downward in other soils of the county, but if so, the quantity has been insufficient to be clearly observable.

Under certain conditions in soils, coarse textured and acid organic materials are removed from near the surface and redeposited in the subsoil, probably with some colloidal aluminum or iron compounds, to form a Bh horizon. This is characteristic of the Leetonia soils in Allegany County.

Reduction and transfer of iron has taken place to some degree in all soils that have impeded natural drainage. Only in the wettest soils, however, has this process, known as gleying, been of much significance. The Atkins, Lickdale, Loysville, Melvin, Nolo, Robertsville, and Tyler soils have been most strongly affected by gleying.

Iron that has been reduced in areas where the soil is poorly aerated generally becomes mobile and can be partly or completely removed from the soil. In the soils of Allegany County, however, most of the iron has moved either within the horizon where it originated or to another nearby horizon. Part of this iron may become reoxidized and segregated to form the yellowish red, yellowish brown, or strong brown mottles that indicate impeded drainage and are common in a gleyed horizon.

When silicate clay is produced by hydrolysis of primary minerals, some iron is generally freed as hydrated oxide. Depending upon the degree of hydration, these oxides are more or less red. Only a small amount of the oxide is required to give the subsoil a reddish color. In Allegany County, the soils most strongly colored by iron oxide are those of the Hagerstown and Opequon series. The reddish colors in the Albrights, Calvin, Lehew and Meckesville soils are mostly inherited from reddish geologic material, but the colors could have been augmented by iron oxide.

A profile that is representative of each soil series in the county is described in detail in the section Soils Survey of Allegany County, Maryland. A general discussion on the constraints different types of soils pose to solid waste acceptance follows. This information may be of limited applicability as current regulations require landfills to be lined to collect any leachate and liquids.

CONDITION:	Cohesive Fine Grained Impermeable Soils (silts and clays)
DESIRABILITY:	Desirable
REASON:	Impermeable soils, such as silts and clays, tend to slow the movement of contaminated water or leachate and restrict the movement to the immediate vicinity of the landfill, thereby preventing pollution of the groundwater table.
CONDITION:	Granular Permeable Soils (sands, gravels)
DESIRABILITY:	Undesirable
REASON:	Permeable soils tend to filter the leachate to some extent; however, if the soils are too permeable pollutants may rapidly percolate into the groundwater table without being filtered, which can result in contamination of large areas of groundwater.
CONDITION:	Deep Soil Overburden
DESIRABILITY:	Desirable
REASON:	Deep soil overburden generally is a result of the weathering of a non-resistant rock such as a shale. Therefore, not only is it easier to construct the landfill pits in the deep soil, but also there would be a larger quantity of soil, which would tend to be more suitable for proper cover material.
CONDITION:	Shallow Soil Overburden
DESIRABILITY:	Undesirable
REASON:	In contrast to the above case, shallow soil overburden is the result of the slow weathering of a very resistant rock type such as sandstone. Therefore, it would be very difficult to excavate the rock for the landfill pits, and there would be a lack of suitable cover material.
CONDITION:	Gently Dipping Rock Strata with Few Fractures or Joints
DESIRABILITY:	Desirable

REASON:	Under these conditions, leachate would percolate very slowly through the rock strata due to the lack of steep bedding planes and large joints or fractures. This would allow for a more thorough purification process for a leachate and prevent the serious contamination of the deeper water bearing zones.
CONDITION	Steeply Dipping Rock Strata with Large Fractures or Joints
DESIRABILITY	Undesirable
REASON	In contrast to the above, this condition allows rapid movement of contaminants through large fractures and joints without purification. The steepness of the bedding planes increases the rate of movement due to the force of gravity down gradient and may result in pollution of the less fractured and confined deep lying water bearing zones.
CONDITION	Gentle Topography
DESIRABILITY	Desirable
REASON	The configuration of the groundwater table generally reflects the configuration of the land surface. Therefore, where the topography has gentle slopes, the slopes of the water table are likewise gentle and groundwater movement through the soil and rocks is slow. This allows time for the pollutants to be subjected to natural purification and reduces the possibility of contaminated springs and streams
CONDITION:	Steep Topography
DESIRABILITY:	Undesirable
REASON:	In contrast to the above condition, in the areas of steep or severe topography the contaminant flows rapidly down gradient to the point where it discharges into streams in the valleys or forms spring lines at the base of the slopes. The rate of flow through the soil and rocks is rapid and little natural filtration and purification takes place. In addition, steep topography promotes rapid runoff of potentially polluted surface water during period of heavy precipitation.
CONDITION:	Floodplain
DESIRABILITY:	Undesirable
REASON:	The groundwater table is generally very near or to the surface in floodplain areas, especially during high water or heavy precipitation. Therefore, a landfill located on a floodplain would allow the contaminants to be in direct contact with the water table, which could result in both surface and deep-water pollution.
CONDITION:	Low Groundwater Table with Permeable Soils and Rock
DESIRABILITY:	Generally Desirable
REASON:	The greater the distance between the landfill and the water table, the more filtered the contaminants become as they percolate through the permeable layers of soil or rock. However, if the materials are too permeable, it could result in the contamination of large areas due to rapid percolation of pollutants into the groundwater table.
CONDITION:	Groundwater Table with Impermeable Soils or Rock
DESIRABILITY:	Desirable
REASON:	Impermeable soils, such as clays or tight shales, tend to slow the movement of the contaminant, and restrict the movement to the immediate vicinity of the solid waste acceptance facility. Pollutants would then be contained at a shallow level and would prevent, to a considerable degree, the contamination of the deeper lying water table.
CONDITION:	High Groundwater Table with Impermeable Soils
DESIRABILITY:	Undesirable
REASON:	Optimum conditions for pollution of the groundwater table occurs when the water table is very near to or within the depth penetrated by the solid waste acceptance facility, because the solid wastes are in continual direct contact with the groundwater. Due to the high water table the soils are saturated, resulting in contamination of surface runoff and ponding on the surface.

4.2.3 GEOLOGIC CONDITIONS

Most of the rocks now exposed in Allegany County, Maryland, were deposited during the Paleozoic Era between 430 and 280 million years ago. The Appalachian Mountains were produced about 230 million years ago by compressional forces. Uplifting of the entire region followed, and, since that time, erosion has been the dominant geologic event. Generally, the higher ridges are sandstones, while softer shales and limestones form the hill slopes and valleys.

The rocks of the Appalachian Highlands province are of Precambrian, Paleozoic, and Quaternary Age. The maximum estimated thickness of the Precambrian and Paleozoic rocks is 1,000 and 38,000 feet, respectively, and surficial Quaternary deposits are known to have a maximum thickness of 140 feet. The Precambrian strata consist chiefly of highly altered granitic gneisses and volcanic rocks; the Paleozoic strata consist mainly of shales, sandstones, and limestones. Approximately 40 percent of the surficial rocks in Allegany County are shale, 5 percent of which is limestone and dolomite. The remaining surficial rocks are sandstone, ironstone, and other rock types.

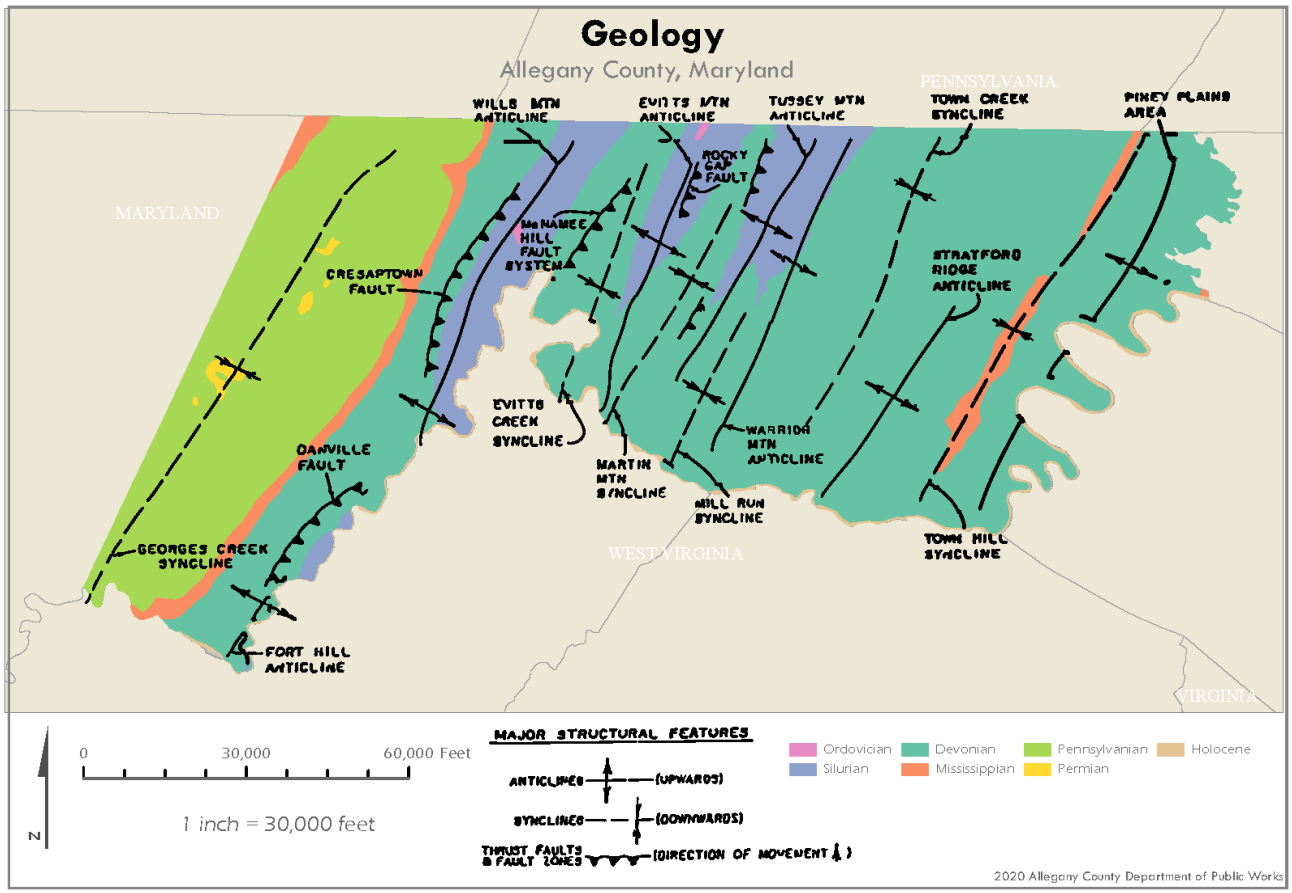

Figure 4-3 Allegany County Geologic Formation

QUATERNARY PERIOD

- Alluvial and Colluvial Material

Sands and gravel less than 50 feet thick; found in stream valleys and footslopes throughout the county.

PERMIAN PERIOD

- Dunkard Group

Layered green and red shale, sandstone, siltstone, some conglomerate, and some thin coal beds; approximately 200 250 feet thick found on hilltops in Georges Creek basin.

PENNSYLVANIAN PERIOD

- Monongahela Formation

Repeated interbeds of green and red shale, coal, underclay (thin) limestone, and sandstone, predominantly shale (65% 70%), most limestone and sandstone beds less than 6 feet thick; approximately 375 feet thick; located along Georges Creek basin between Barton and Frostburg.

- Conemaugh Formation

Interbedded shale, black shale, underclay, coal, argillaceous limestone, and sandstone, all numerously repeated, and mostly as thin layers, with several thick sandstone beds (up to 40 feet thick) and "iron nodules" and thin beds of iron ore; approximately 825 925 feet thick; found in Georges Creek basin between Dans and Big Savage Mountains.

- Pottsville and Allegheny Formations

Mixed sandstone and shale, predominantly sandstone, some flaggy, some thick bedded (massive), with some coal beds and underclays.

MISSISSIPPIAN PERIOD

- Mauch Chunk Formation

Predominantly reddish shale, with green shale, red mudstone, and multi colored sandstone; approximately 650 800 feet thick; found along the east slope of Dans Mountain.

- Greenbrier Formation

Sandy limestone, in part cross bedded, and interlayered with thinner beds of red shale; approximately 2100 3000 feet thick; found along east slope of Dans Mountain.

- Pocono Formation

Mixed sandstone and shale, predominantly flaggy (thin, platy) to massive sandstone, partly cross bedded, locally thin streaks of coaly material; approximately 250 feet thick in the west to 1,700 feet thick in the east; found along east flank of Dans Mountain and summit of Town Hill.

DEVONIAN PERIOD

- Hampshire Formation

Mixed beds of sandstone and shale, but predominantly sandstone, variable thin bedded (flagstone) and thick bedded (massive), shale beds commonly red and brown; approximately 1600 2400 feet thick; found along east flank of Dans Mountain, both flanks of Town Hill, and west flank of Sideling Hill.

- Jennings Formation (Chemung)

Predominantly sandy shale, dark gray or black in lower part of formation, and shaly sandstone with some hard quartzite and conglomerate beds in upper part; approximately 3000 4800 feet thick; found along east flank of Dans Mountain, Evitts Creek Valley, Mexico Farms and most of Town, Fifteen Mile and Sideling Hill Creeks.

- Romney Formation (Hamilton)

Predominantly argillaceous shale, in part black (carbonaceous) with almost paper thin bedding cleavage, with subordinate thin beds of sandy shale and sandstone, and several thin beds of limestone; approximately 350 1660 feet thick; found in Potomac Valley east of Dans Mountain, along Bedford Road on east side of Cumberland and in Oldtown area.

- Oriskany Formation

Lower portion predominantly chert layers with shale partings, upper portion loosely cemented calcareous sandstone; approximately 300 350 feet thick; forms Cash Valley, Shriver and Stratford Ridges, Irons, Collier, Martin and Warrior Mountains and Fort Hill.

- Helderberg Formation

Primarily gray limestone with chert in upper portion; approximately 350 feet thick; flanks Fort Hill, Cash Valley and Shriver Ridges, and Martin and Warrior Mountains.

SILURIAN PERIOD

- Tonoloway Formation

Predominantly limestone beds, partly thick bedded and cherty, partly thin bedded and shaly, with subordinate shale beds (lower beds are thinly laminated); approximately 600 660 feet thick; flanks Fort Hill, Cash Valley and Shriver Ridges, and Martins Mountain.

- Wills Creek Formation

Interbedded olive to yellow gray shale and limestone; approximately 450 feet thick; flanks Fort Hill, Wills, Irons, and Evitts Mountains, and found along Murley Branch near Flintstone.

- McKenzie Formation

Predominantly interbedded gray, greenish gray, and red shale, shaly sandstone, and calcareous shale, with thin beds of argillaceous limestone and soft sandstone; approximately 240 300 feet thick; flanks Wills and Evitts Mountains and area along Flintstone Creek.

- Rose Hill Formation

Clinton Shale

Chiefly shale with minor beds of sandstone and thin bedded limestone, beds of iron ore (hematite); approximately 550 660 feet thick; flanks Wills and Evitts Mountains and area of Flintstone Creek.

- Tuscarora Formation

Hard white and light gray sandstone (in part quartzite), mostly thick bedded with minor thin beds of shale; approximately 400 feet thick; forms Wills, Evitts and Tussey Mountains.

ORDOVICIAN PERIOD

- Juniata Formation

Soft shale, sandy shale, and thin bedded sandstone; approximately 500 feet thick; found only in the narrows of Wills Mountain at Cumberland.

The major structural features present in Allegany County are folds (anticlines and synclines) and thrust faults, which were probably caused by compressional forces pushing from the east toward the midcontinent during formation of the Appalachian Mountains. Anticlines are upwarped folds, synclines are downwarped folds, and thrust faults usually occur where rocks in anticlines and synclines were broken and older rocks pushed over younger rocks. Figure 4.3 illustrates the location of some of the following synclines and anti-synclines in the County.

- Georges Creek Syncline, the westernmost major structural feature in Allegany County, is an open downfold containing the youngest exposed rocks found in the area. Combined with the resistant Pottsville and Allegheny formations of the syncline's flanks, this downfolding has protected the coal beds from erosion. The axis of the syncline is partially followed by Georges Creek and Jennings Run and passes near Mt. Savage, Frostburg, Lonaconing and Westernport.
- East of the Georges Creek Syncline are the Cresaptown and Danville Faults, which parallel the Allegheny Front in portions of Pennsylvania, Maryland and West Virginia. The rocks forming Wills Mountain and Fort Hill have been thrust over the younger rocks of the Potomac and Wills Creek Valleys. The faults are not obviously visible, but the Cresaptown Fault has been exposed near the Braddock Square Shopping Center.
- The Wills Mountain Anticline, west of the Cresaptown and Danville Faults and related to the Cresaptown Fault, is a relatively narrow upwarp with rocks dipping away from its axis at steep angles, particularly on its west side. Tuscarora sandstone forms the anticline, while Oriskany sandstone forms Cash Valley and Shriver Ridges on its flanks.
- In the Bedford Road Naves Crossroads area, a group of thrust faults in the Romney formation paralleling Shriver Ridge comprise the McNamee Hill Fault System.
- Evitts Creek Syncline is a broad downwarp east of the McNamee Hill Fault System between the Wills Mountain and Evitts Mountain Anticlines and includes the area affected by the McNamee System. The Evitts Creek Valley area has no exposed resistant rocks or prominent ridges.
- Evitts Mountain Anticline, immediately east of the Evitts Creek Syncline, is a narrow upwarp. The prominent ridge at Rocky Gap State Park is composed of Tuscarora sandstone, which plunges underground south of Route 40, obliterating the prominence of the ridge. Oriskany sandstone forms Irons Mountain on the east flank of the anticline, and a thrust fault east of Rocky Gap has produced an offset in the Tuscarora sandstone, which has been exposed near Rocky Gap Dam.
- A rather complicated land surface has been produced by the Martin Mountain Syncline east of the Evitts Mountain Anticline. Although rocks between Evitts and Tussey Mountains are generally downwarped, Martin and Collier Mountains and Rush Ridge are formed by the surface exposure of resistant Oriskany sandstone. This sandstone has also been thrust upward east of Pleasant Valley along the Martin Mountain Fault.
- The Tussey Mountain Anticline is an upwarp of Tuscarora sandstone east of Martin Mountain, which forms Tussey Mountain in Pennsylvania. The Tuscarora sandstone plunges below the land surface in Maryland so that less resistant shales of the Rose Hill, McKenzie, Wills Creek, and Tonoloway formations are found in the Twiggtown area.
- The Mill Run Syncline is a downwarp of Romney and Jennings shale in the Mill Run stream valley southeast of Twiggtown and east of the Tussey Mountain Anticline.
- A resistant Oriskany sandstone upwarp forms the east flank, near Flintstone and both flanks, near the Oldtown Road, of the Warrior Mountain Anticline. Less resistant limestones and shales form Murleys Branch west of Flintstone.

- Town Creek Syncline is a broad downwarp east of Warrior Mountain on the Romney and Jennings formations. Resistant Chemung conglomerate forms Polish Mountain, while less resistant shale beds form the Town Creek Valley.
- Stratford Ridge Anticline, east of Oldtown and the Town Creek Syncline, is an upwarp, which is visible in Stratford Ridge where the resistant Oriskany sandstone outcrops. The structure is in the less resistant Romney shale north of Stratford Ridge.
- The easternmost major geologic structure in Allegany County is the Town Hill Syncline. It is a broad downwarp lying east of Stratford Ridge with its axis on Town Hill. The crest of the syncline is formed by the resistant Pocono formation while resistant Chemung conglomerate forms Green Ridge. Topographically, the syncline is high. On its east, the rocks are warped upward in a small anticline underlying the Piney Plains area. Further east, the rocks are again downwarped, resulting in the formation of Sideling Hill by the resistant Pocono formation.

4.2.4 USE AND DEPTH OF AQUIFERS

Allegany County has unconfined aquifers with depths varying seasonally from a few feet to approximately 800 feet in depth. On file at the Allegany County Health Department is a data base system, which contains the record information of wells, drilled and used in Allegany County.

4.2.5 LOCATION OF WETLANDS

Wetlands are small in size and are sporadically located throughout Allegany County. One of the most prominent areas for wetlands in the County is associated with the Federally owned and operated C & O Canal Park. Allegany County has less than 1% of all the non-tidal wetlands in the State of Maryland. A complete set of detailed maps of all non-tidal wetlands is available for review at the Allegany County Office of Community Development located at the County Office Complex. Various man-made wetland areas have been developed throughout the County in conjunction with the State of Maryland's "no-net loss of wetlands" program due to development.

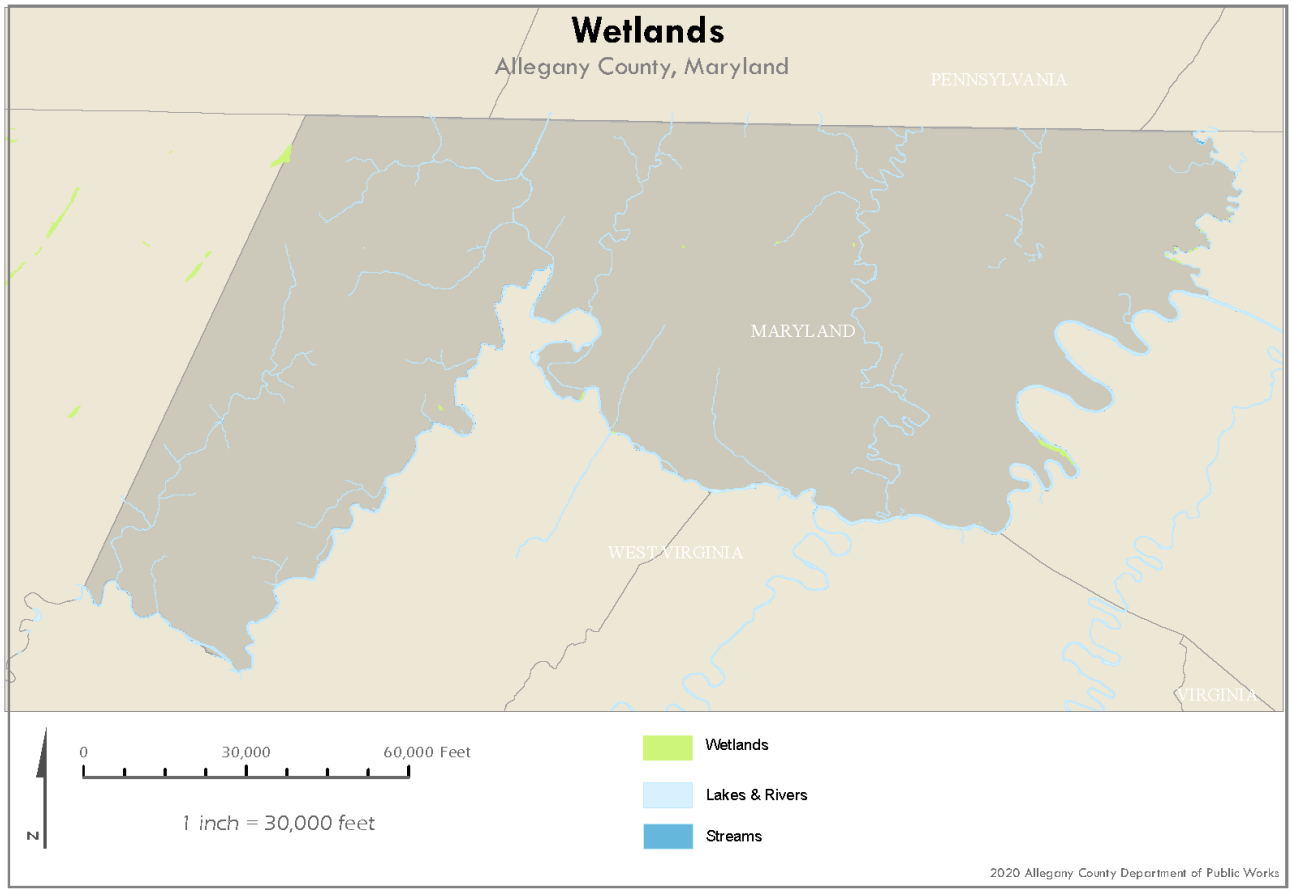

Figure 4-4 Wetlands and Surface Waters

4.2.6 LOCATION OF SURFACE WATER SOURCES, FLOODPLAINS AND WATERSHEDS

Allegany County has numerous small surface water supplies used for municipal water purposes. Two large surface water reservoirs are located in Bedford County, Pennsylvania, which supplies municipal water to the City of Cumberland and surrounding suburbs. The Savage River Dam supplies the towns of Westernport and Luke and the Piney Dam serves the City of Frostburg and adjacent areas. The County's Comprehensive Water and Sewerage Plan and numerous other drainage basin studies are available at the County Office Complex and provide a more in-depth description of existing water supplies, water systems, and drainage areas supplying water to the region.

Floodplains exist for all streams and rivers in Allegany County. FEMA has maps on file at the Allegany County Department of Community Services for most of Allegany County. These maps are on a 1:500 scale and delineate most floodplain areas.

4.2.7 EXISTING WATER QUALITY CONDITIONS

Water quality conditions in Allegany County are varied, especially with respect to groundwater quality.

The western portion of Allegany County is influenced strongly by acid mine drainage from old deep mining drainage systems, small seeps, and recent strip mining activities.

The eastern portion of Allegany County is influenced by poor soil conditions and geological conditions that cause high levels of iron and sulfates.

Surface water conditions are found to be in moderate to high quality. Numerous springs and small streams in the eastern undeveloped areas are responsible for the highest water quality found in Allegany County. Both Sideling Hill Creek and Fifteen Mile Creek are examples of high water quality. Town Creek also has high water quality; however, it is influenced by agricultural runoff.

The three primary areas of poor water quality are the North Branch of the Potomac River, Georges Creek and Braddock Run. The Potomac River is influenced by acid mine drainage in the North Branch area above Allegany County. Industrial, domestic and agricultural sources are responsible for both high turbidity levels and high BOD levels from Westernport to the confluence of the North Branch with the South Branch of the Potomac River. Poor water quality in Georges Creek is caused by extremely low water levels at the northernmost end of the stream near Frostburg. This low flow is due to seepage into the Hoffman tunnel. Braddock Run has poor quality water caused by acid mine drainage from the Hoffman Tunnel. Braddock Run is laden with yellow boy, which is a ferric hydroxide precipitate produced from pyrite in association with coal seams located underground. Yellow boy contamination occurs from the Hoffman Tunnel to Wills Creek.

4.2.8 INCOMPATIBLE LAND USE

The Allegany County Department of Planning and Growth is responsible for the control and approval of all development, including the location of solid waste facilities in regard to zoning and incompatible lands.

4.2.9 PLANNED LONG-TERM GROWTH PATTERNS

See Table 2-1 Allegany County, MD Population Actual* and Projected for population data. Figure 2-4 shows the Future Land Use Areas as recommended by the 2014 Comprehensive Plan.

4.2.10 FEDERAL, STATE AND LOCAL LAWS AND AREAS OF CRITICAL STATE CONCERN

Constraints imposed upon the establishment of solid waste facilities are outlined in COMAR Title 26, Department of the Environment, Subtitle 04, Chapter 07, Solid Waste Management. There are no areas of critical State concern within Allegany County.

ASSESSMENT: Information exists to adequately address the geographical considerations for the siting of solid waste management facilities in the County and/or further data could be acquired to evaluate the considerations in conjunction with State law.

4.3 THE USE OF SOURCE SEPARATION AND SOURCE REDUCTION PROGRAMS TO REDUCE THE QUANTITIES OF SOLID WASTE TO BE COLLECTED FOR DISPOSAL

Allegany County acts on the following hierarchy for waste management in regard to source reduction and resource recovery:

- **Reduce Reuse Recycle/Compost Landfill**

To this end, the Allegany County Solid Waste Management Board (SWMB) was established on December 19, 1996 to provide programs and education which implement the Reduce, Reuse, Recycle/Compost, and Landfill solid waste management hierarchy. The SWMB, composed of members appointed by the County Commissioners acting in an advisory capacity, began monthly meetings in January 1997. The Bylaws are found in Appendix D.

Since economic incentive can be an effective means of reducing the per capita waste generation rate, Allegany County should encourage its municipalities to support the use of variable (i.e., pay-as-you-throw) rates for waste disposal. Variable rate structures can allow for equitable payment for service, financial incentive for source reduction and source separation, and the consideration of other issues when establishing the rate structure.

Another economic incentive deals with the avoidance of artificially low tipping fees which may involve subsidization and which hides the true cost of disposal by landfill.

Regarding incineration as a step in the solid waste management hierarchy, the County shall not permit the construction of any incinerators for municipal solid waste for the following reasons:

1. Incinerators compete with recycling programs for resources;
2. Recycling is a repeatable process which saves energy. The energy recovered from a one-time incineration process is less than the repeatable recyclable process; and,
3. Incinerators may create new environmental and health problems with pollution and production of chemically complex or toxic residues.

4.3.1 SOURCE SEPARATION AND REDUCTION PROGRAMS

At this time, the Source Separation programs the Solid Waste Management Board is aware of are for: (1) the seasonal curbside collection of yard material done in the City of Frostburg, (2) the collection of cardboard at the Frostburg Dog Park by Burgmeier's Hauling, Inc., and (3) selected construction demolition recycling by Braddock Construction near Midland.

ASSESSMENT: On February 1, 1998, Allegany County instituted a variable rate sticker program for waste at the refuse disposal sites. While this is a good program, it does not affect the majority of the County's population. The majority of the County's population waste disposal is provided by either municipal/public or commercial/private contracts. In addition to existing operation programs, public education is critical. The County will continue to develop public educational programs on source reduction. The SWMB Reduce/Reuse subcommittee will be instrumental to this end.

4.3.2 RECYCLING PROGRAMS

In January 1994, the State of Maryland mandated that all counties with a population of 150,000 or less divert 15% of municipal waste from the solid waste stream. Effective December 31, 2015, the State required diversion rate increased to 20%. The Recycling Committee, which functioned prior to the County's SWMB, recommended a 25% recycling goal for the County. Subsequently in the 1992/1996 SWM Plan, the County recycling goal was clarified to "25% by the year 2000" and was approved by the Allegany County Commissioners. Since 1997, Allegany County has recycled over 15% of its waste stream, reached the 25% goal in 2002 and reached over 35% in 2015. See Table 3-2 Recyclables Leaving Allegany County. The Recycling Coordinator, in collaboration with the SWMB, is actively monitoring the implementation of this plan and will recommend changes which are deemed economically feasible.

Recyclable materials generated by residents of Allegany County are collected at drop-off facilities. In 2021 fifteen sites are implemented, and collect combined bimetal and aluminum cans, and newspaper. Cardboard, office paper, glass, magazines and plastics were added as targeted materials and special drop-off sites were developed for these materials. The County has also developed mobile drop-off systems for cardboard, and has expanded to other commodities.

4.3.2.1 Recycling Material Drop off Sites

The Riverside Recycling Site, formerly called the County Recycling Center, at the rear of the County Office Complex on Kelly Road in Cumberland, was established in 2001. Operated by Penn-Mar Recycling under contract with the County, the Site provides full-service recycling of cardboard, newspaper, office paper, glass, cans, plastics, magazines, used oil, used antifreeze, and white goods.

In addition to the Riverside Recycling Site, there is a permanent drop-off site for old corrugated cardboard at Mountainview Landfill, LaVale, and a Mulch and Yard Trimmings Recycling site near Mexico Farms. A more detailed assessment of recycling methods is included in this chapter and in Section 3.5.

Permanent County-Operated Sites Accept:

- Used Motor Oil
- Used Anti-Freeze
- Old Corrugated Cardboard (OCC)
- Mixed Office Paper
- #1 and #2 Sorted Plastics
- Clear, Brown and Green Sorted Glass
- Magazines and Catalogs
- Newspaper
- Scrap Tires
- Mixed Metal Cans
- Yard Waste

Other Periodic Programs:

- Too Toxic to Trash events
- Scrap tire collection events
- Electronics collection events

ASSESSMENT: Allegany County has exceeded its own recycling goal of 25% since 2002 and anticipates the current program will continue to exceed the State mandated 20% rate during the planning period. New educational and operational programs are being implemented to increase public participation, as well as maintain and increase the level of recycling while being a cost-effective for the County.

4.3.2.2 Mulch and Yard Trimmings Recycling Site

A Mulch and Yard Trimmings Recycling facility for yard waste material is operated by Allegany County. State law prohibits yard material from entering the solid waste stream and the landfill when dealing with mono-loads of yard material. The cities of Cumberland and Frostburg provide seasonal curbside collection of yard material to their residents. In addition to the municipal curbside collections of Christmas trees and wreaths by Frostburg, Allegany County provides numerous drop-off sites for Christmas tree collections. The trees are then chipped and delivered to the County Mulch and Yard Trimmings Recycling site.

ASSESSMENT: While the County's traditional, centralized mulch and yard trimmings collection site (off MD Rt. 51/Oldtown Road) is well-established and has continued to increase in usage, no satellite sites have been established.

A similar satellite site should be established on the western side of the County at Mountainview Landfill or another site to increase participation and minimize the landfilling of yard waste.

Frostburg continues its seasonal curbside collection of yard material and Cumberland has purchased a vacuum mulcher and has re-established their annual fall leaf collection.

The number of sites for seasonal drop-off collection of Christmas trees and other greens is satisfactory.

4.3.2.3 Curbside Collection of Recyclables

The original Recycling Plan, as adopted in 1990, called for curbside collection programs in selected areas of Allegany County. With the exception of some pilot programs, economic considerations have stymied the implementation of substantial curbside recycling.

Encouragingly, effective July 1, 2014, the City of Cumberland began offering curbside recycling to its residents via its waste hauling contract with Burgmeier's Hauling. As shown on Figure 3-3, the program is successful. Burgmeier's Hauling, Inc. offers selected curbside recycling services to its subscription solid waste customers in Allegany County.

ASSESSMENT: The County should continue to assess the feasibility of curbside recycling, including dual stream recycling, and work with municipalities and haulers to encourage curbside recycling programs.

4.3.2.4 Recycling in Public Schools

On July 1, 2009, Maryland House Bill 1290 required counties to revise recycling plans (inherent to this document) to include the collection, processing, marketing, and disposition of recyclable materials from County public schools. Allegany County schools include fourteen elementary schools, four middle schools, three high schools, one alternative school, and one Center for Career and Technical Education (CCTEC). These facilities are operated by Allegany County Public Schools (ACPS). The only other County public education facility is Allegany College of Maryland (ACM). Current recycling efforts in ACPS facilities include the following materials:

- Corrugated cardboard – All K-12, CCTEC, ACM
- Office paper – Some K-12, CCTEC, ACM
- #1 plastics – Some K-12
- Fluorescent bulbs – All K-12, CCTEC
- Ferrous and non-ferrous metals – All K-12, CCTEC
- Electronics – All K-12, CCTEC, ACM

ASSESSMENT: The current strategy for recycling materials in the schools consists of collection and transport of materials by staff to a County recycling collection site for processing and marketing. Opportunity exists to increase the number of schools which participate in collecting materials as detailed above and to add materials such as cans or other paper products to the suite of materials collected.

Recycling efforts are currently informally coordinated by the schools. For ACPS, it may be beneficial for each school to designate a Recycling Coordinator who reports to an Operations staff member in charge of the ACPS recycling program.

As the volume of recyclable material collected at the schools increases, it would be worthwhile to investigate the economics of using a commercial hauler or processor to collect recyclable materials from the schools rather than performing these operations with ACPS staff.

4.3.3 RESOURCE RECOVERY OPTIONS

The County's Public Recycling Drop-off Sites, together with private sector buy-back and/or recycling programs, are the only resource recovery options provided currently. At past market rates, the potential volume of recoverable materials in Allegany County has not justified a resource recovery facility. The transportation costs associated with the distances we are located from secondary markets are considered in the economic feasibility of adding additional materials. The tipping fee for MSW at the landfill is currently $51.26 per ton, which provides economic incentive for residents to recycle. However, it should be noted that the processing fee under the County's contract with Penn-Mar Recycling to operate the Riverside Recycling Center is currently $54 per ton.

Table 4-1 Maryland Recycling Act Reported Tonnages for Allegany County below shows a comparison of the basic, annual recycling tonnages and percentages for Allegany County. The data presented are derived from the Annual Recycling Reports with updates from the Allegany County Recycling Coordinator.

Table 4-1 Maryland Recycling Act Reported Tonnages for Allegany County

Year	Waste Tons	Recycled Tons	MRA %	Source Reduction Credits (SR)	MRA + SR
2000	60,550	15,290	20.2%		
2001	58,060	15,874	21.5%	0.0%	21.5%
2002	57,017	19,343	25.3%	2.0%	27.3%
2003	58,336	20,578	26.1%	3.0%	29.1%
2004	60,560	21,268	26.0%	3.0%	29.0%
2005	59,260	22,468	27.5%	2.0%	29.5%
2006	60,137	24,686	29.1%	3.0%	32.1%
2007	61,541	23,620	27.7%	3.0%	30.7%
2008	63,271	25,121	31.4%	3.0%	34.4%
2009	63,512	25,954	32.0%	3.0%	35.0%
2010	65,105	21,922	27.2%	2.0%	29.2%
2011	62,184	29,035	33.8%	2.0%	35.8%
2012	66,388	29,203	33.6%	3.0%	36.6%
2013	67,814	35,451	36.3%	2.0%	38.3%
2014	57,744	33,881	39.0%	2.0%	41.0%
2015	69,310	38,028	40.0%	2.0%	42.0%
2016	57,961	45,545	44.0%	2.0%	46.0%
2017	59,881	43,635	42.2%	3.0%	45.2%
2018	63,183	37,761	37.4%	3.0%	40.4%
2019	64,563	30,592	32.2%	4.0%	36.2%

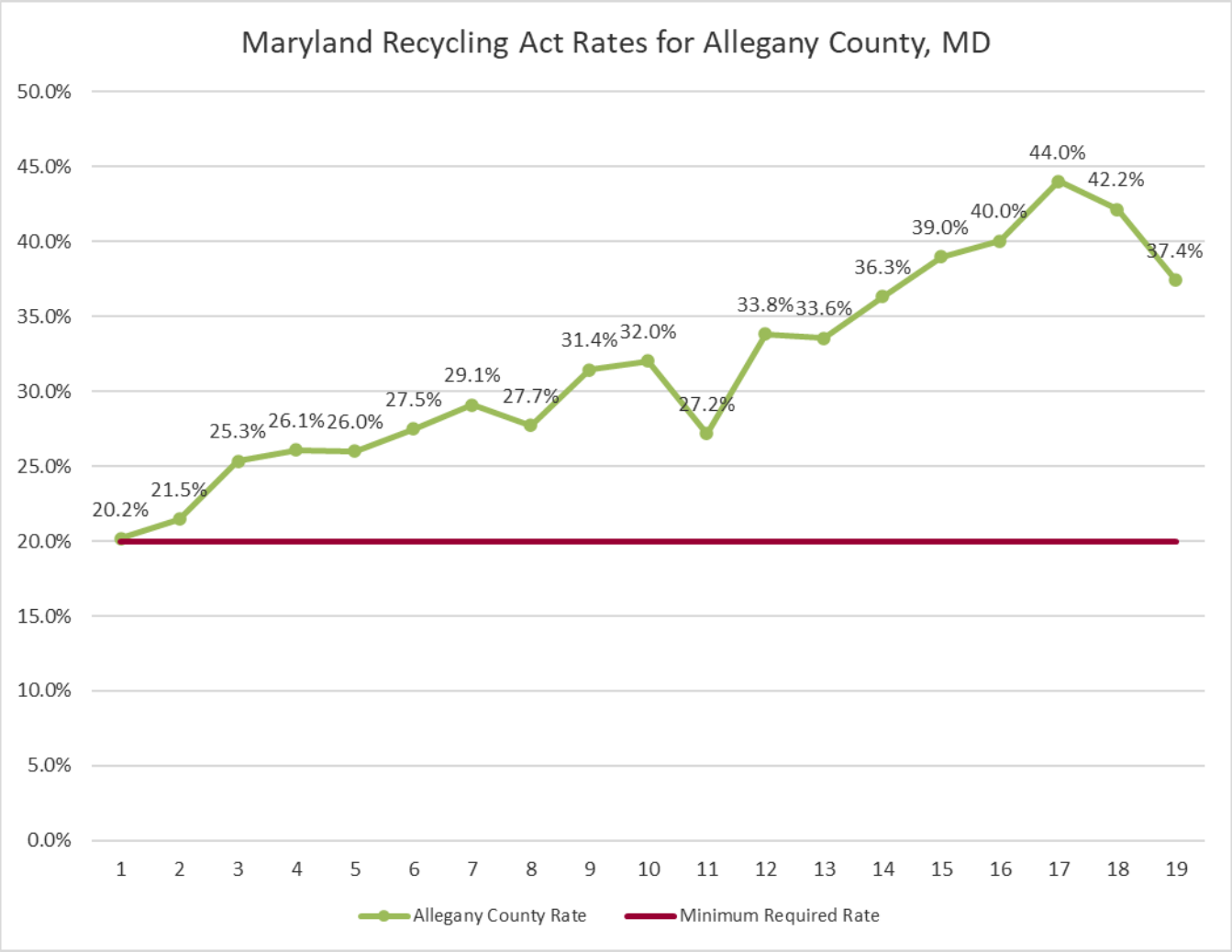

Figure 4-5 Annual MRA Rates for Allegany County

Allegany County, with efforts coordinated by the County Recycling Coordinator, Solid Waste Management Board, and encouraged locally, should set its resource recovery programs on a dynamic course which recognizes and incorporates the following characteristics typical of programs with high recovery levels as identified by Beyond 40%: Record Setting Recycling and Composting Programs (1991):

1. Comprehensive composting programs
   a. Year-round collection of many types of yard material at curbside
   b. Incentives for landscapers to compost their yard material
2. Mandatory participation
3. Recovery of materials from single- and multi-family households, and from commercial and institutional establishments through both curbside and drop-off collection
4. Targeting a wide range of materials for recovery
5. Economic incentives for materials recovery
   a. Volume-based refuse rates
   b. Reduced tipping fees for recyclable or compostable materials at drop-off sites
   c. Higher tipping fees for disposal of non-source separated refuse
6. Weekly pick-up of materials at curbside
7. Provision of adequate containers for setting out materials at curbside
8. Education and publicity

This 8-point executive summary taken from Beyond 40 Percent: Record Setting Recycling and Composting Programs, 1991 by the Institute for Local Self-Reliance has been available to the County with several strategies (1, 4, and 8) being employed at increasing levels, with strategies 5 and 6 being researched. Within all 8 strategies, there is much to be gained to help improve Allegany County's recycling efforts.

In addition to the above strategies the County should consider the following items to further reduce waste:

9. Annual backyard composting workshops, providing low-cost backyard compost bins to residents
10. Encourage large food waste generators such as institutions and cafeterias to compost food scraps
11. Encourage food services and grocery retailers to divert uneaten food to the Western Maryland Food Bank and/or to local farmers

ASSESSMENT: Recycling progress has been made in Allegany County with the County first reaching the mandated 15% goal in 1994 and progressing to more than 30% from 2007 to present. Additionally, the actual tonnage of recycled materials has increased. It should be noted that much of the recycling success has come from the commercial sector and efforts are needed to encourage greater residential recycling.

4.3.4 REUSE OPTIONS

In November 2002, the County assembled its first Reuse Directory, which is updated every three years, as an effort to encourage reuse of materials as a solid waste management practice. The Directory, last updated in 2017, lists items which can be donated for reuse and contact information for agencies or businesses who will accept them. See Appendix E.

Many municipalities within the County coordinate bulk trash pickups annually or biannually. These bulk pickups have become reuse events as residents commonly scavenge for items with reuse potential. In addition, items with ferrous and non-ferrous metal content are commonly scavenged to be sold for scrap, and only a portion of items set out for bulk pickup are ultimately landfilled.

ASSESSMENT: Although creating a minor impact to date, the Reuse Directory is a good start in what is an essentially untapped solid waste management tool in Allegany County. Additional use of social media could be employed to further reuse efforts.

Bulk collection events are an effective, indirect way of increasing reuse. These events should be strongly encouraged and promoted. If landfilling costs for these events are prohibitive, municipalities should coordinate and advertise dates for residents to set items out for scavenging and reuse with guidelines.

4.3.5 CONSUMER EDUCATION, MARKET DEVELOPMENT AND COUNTY RECYCLING COORDINATION

Public (individual, institutional, business, etc.) education programs should occur both on an outreach basis and at the request of Allegany County constituents. The County Recycling Coordinator and the Solid Waste Management Board members responsible for recycling should promote public education programs. This outreach education should take many forms in order to reach all residents of the County and its varied constituent forms.

Much emphasis must be placed on public education to convince all residents to rethink their purchasing habits, reduce purchasing of products and containers which are not made of recycled content or are not recyclable, to reuse existing products, and purchase durable and reusable products. Special emphasis must be given to public education regarding source reduction purchasing principles.

The County Recycling Coordinator needs to maintain public education materials and act as a referral source.

To facilitate the development of markets for recycled materials and products, thus increasing the demand for the collected recyclable materials, the County, through its Recycling Coordinator and SWMB should develop and recommend to the County Commissioners a comprehensive procurement policy designed to support recycled materials and products markets. Additionally, outreach efforts should take place to educate the various County constituents (private, public, institutional, commercial) of the necessity for these purchasing practices to occur wherever possible. The County procurement and education programs should direct purchasing policies toward materials with high recycled and recyclable content.

A key to meeting these and other waste management hierarchy goals is the County Recycling Coordinator. The State's *Recycling Plan Guidelines* (page 6, #9) states:

"In order to oversee the development of the County recycling plans and to assist in the implementation of the County recycling plan, the Department recommends that each County designate an official County Recycling Coordinator. This coordinator should serve as the principal contact for recycling information and should provide oversight for all County recycling activities. The County Recycling Coordinator should have clear responsibility for the County's recycling programs and should be included within the County agency responsible for solid waste management programs."

The Allegany County Recycling Coordinator is an employee of the Public Works Department and is responsible for the following activities:

1. Advocate source recycling and closing the loop as a waste management strategy within the hierarchy of Reduce, Reuse, Recycle/Compost. Composting refers to both the County program and individual/institutional programs.
2. Work as the County's non-voting employee on the Allegany County Solid Waste Management Board to complete its mission and goals. In this capacity, the Coordinator should attend all the Board meetings, be responsible for completing tasks, and report to the appropriate authorities.
3. Respond to the requests of County constituents for information regarding local civic, municipal, institutional, and commercial efforts to source separate, recycle and close the loop. This may involve, but not be limited to, attending meetings, public speaking, providing printed/taped information, and making referrals.
4. Actively work with the County's public and private education systems to facilitate education of the Reduce, Reuse, Recycle/Compost hierarchy and practice.
5. Research current recycling efforts within the County, which are not in the scope of the County's, own formal programs.
6. Promote market development of recycled materials through contact with suppliers, County procurement policies, and consumer education.
7. Represent the County before out-of-County and state-wide groups while working to strengthen the broader based recycling success.
8. Participate in continued education via printed materials, audio/visual materials, conferences, and other methods in order to maintain an updated information base and provide innovative strategies to the County.
9. Seek and apply for funds (grants, etc.) which would financially support recycling programs and education; and to maintain a resource library to support public education.
10. Develop special events for recycling in Allegany County.
11. Assist in developing annual solid waste disposal and recycling budgets for County Commissioner approval.
12. Supervise Recycling and Solid Waste operations and personnel.

ASSESSMENT: There is a need for increased consumer education as well as development of markets for recycled materials and products.

4.3.6 DISPOSAL OF ASBESTOS

Asbestos is accepted by Mountainview Landfill, Inc. under regulations established by the Maryland Department of the Environment as specified in COMAR 26.11.15.04 and in conformance with Mountainview Landfill's approved operating procedures. Asbestos is also accepted at Mostoller Landfill in certain quantities as per its operating permit.

ASSESSMENT: Mountainview Landfill, Inc. has capacity and facilities for the disposal of asbestos provided the disposal meets the applicable State regulations and is in conformance with Mountainview Landfill's operating procedures until the permitted capacity is reached. Then the Mostoller landfill will be utilized for the disposal of asbestos.

4.3.7 EMERGENCY SPILL RESPONSE

The County-wide Hazardous Materials Plan, which was prepared pursuant to Superfund Amendment and Reauthorization Act, 1986 (SARA), Title III, was adopted on January 17, 1995.

Hazardous materials are defined as any material or substance that presents an unusual hazard to life, the environment, or property when burned, spilled, or otherwise released from its normal use, handling, storage, or transportation environment.

For each incident where potential hazardous materials may be involved, the fire company responding calls a Hazardous Material Coordinator to provide support and technical assistance at the scene. If required, the Hazardous Incident Response Team will be called for decontamination and clean up.

ASSESSMENT: The County's Plan, which has been reviewed and approved by the various governmental agencies, contains the appropriate procedures for analysis, containment, handling and disposal of any hazardous material in accordance with applicable regulations.

4.3.8 SITE SELECTION REGULATIONS, CONSTRAINTS AND ASSESSMENT

The 2014 Allegany County Comprehensive Plan specifically addresses solid waste management in the Community Facilities section of the Plan.

The Allegany County Zoning Ordinance adopted in 2018 allow for landfills, solid waste transfer stations, and solid waste processing/resource recovery facilities to be developed in the (I) Industrial District, by permit or in the (G-2) General Urban District, (A) Agriculture, and (C) Conservation District, with Board of Appeals approval. Additionally, landfills must be located at least 500-feet and transfer stations and solid waste processing and resource recovery facilities 300-feet from the nearest residence or Urban District Boundary.

Through the above constraints imposed by County regulations and recourse to the appropriate State agencies, Allegany County has a process for appropriate solid waste facility site selection, which necessarily includes consideration of the following criteria:

1. Land Use Plan
2. Zoning Regulations Neighborhood Impacts
3. Size and Useful Life
4. Geology, Topography and Environmental Impacts
5. Hydrology
6. Water Purification and Access to Treatment
7. Transportation Costs
8. Infrastructure
9. Capital Requirements

ASSESSMENT: The County's Zoning Ordinance and Comprehensive Plan in combination with County and State regulations adequately provides a process for site selection of landfill and solid waste transfer, processing or resource recovery facilities in the County.

4.3.9 FEASIBILITY OF COMPOSTING OF MIXED SOLID WASTES

As required by section 9-1703(b)7 of the Annotated Code of Maryland, the County Plan must address the feasibility of composting of mixed solid wastes. The following discussion is summarized from the *Decision Maker's Guide to Solid Waste Management, Volume II* produced by the US EPA (1995.)

Composting is the aerobic biological decomposition of organic materials to produce a stable product. Up to 70% of MSW is organic material; 20% of MSW is yard waste. MSW may be composted as mixed waste (requiring separation and pre-processing of feedstock prior to composting) or as source-separated material. Source-separated programs offer several advantages over mixed MSW programs including: reduced handling time, less tipping space, and less pre-processing equipment; mixed MSW composting offers fewer advantages over the long term (USEPA, 1995, emphasis added). Source-separated programs typically result in a higher quality finished product with reduced contamination, however they require separate collection and transportation of organic materials.

The feasibility of mixed MSW composting in Allegany County, Maryland is limited due to geographic, climatic, economic, and cultural obstacles. Geographic and economic obstacles include lower population density and lower population for which hauling costs for waste are proportionally higher and economies of scale in solid waste processing facilities are difficult to realize. In addition, lower population density reduces the relative cost of land for landfilling of wastes. These same obstacles have prevented the implementation of curbside collection of recyclables – a program which would receive much greater public support and participation than curbside collection of organics.

Allegany County recycles yard trimmings at the county Mulch and Yard Trimmings Recycling Site located on PPG Road southeast of Cumberland and encourages backyard composting by residents.

ASSESSMENT: Composting of mixed MSW is determined to be infeasible at this time but will be re-examined periodically with future revisions to this plan.

Chapter 5 Plan of Action

5.1 SOLID WASTE DISPOSAL SYSTEM AND ACCEPTANCE FACILITIES

5.1.1 EXISTING SOLID WASTE DISPOSAL SYSTEM

The existing solid waste disposal systems are described in Chapter 3 and are anticipated to remain in place, essentially unchanged, until early 2022.

Waste Management notified the County they were not going to expand the landfill beyond 2022. Waste Management has entered into a new Transfer Station Agreement with Allegany County on November 19, 2020 to provide disposal for the County's waste after the landfill closes. At which time, solid waste in Allegany County will be taken to the Western Maryland Transfer Station for transport to and disposal in Waste Management's Mostoller Landfill near Somerset, PA. This contract provides for disposal until 2035. The contract provides that prior to January 2029, the County and Waste Management shall meet to discuss extension of the contract beyond 2035. If an extension is not preferable or available to the County, other options, such as development of a landfill in Allegany County, joint landfill development with another nearby jurisdiction or transfer of waste to another out-of- County landfill will be evaluated and pursued. This course of action will meet the County's solid waste disposal needs through this ten-year planning period.

5.1.1.1 Existing Solid Waste Acceptance Facilities

The existing solid waste acceptance facilities are described in Chapter 3 and are anticipated to safely and economically handle the County's projected solid waste stream throughout the ten-year planning period.

In the early 2000's, the County was notified of an expression of interest from private sector firms to develop a land clearing landfill and a solid waste transfer station. These facilities are not seen as inconsistent with the Solid Waste Management Plan as long as County zoning ordinances established to regulate their location and operation are adhered to. The constraints on such facilities as detailed in Appendix B are satisfied, and these facilities are constructed in accordance with all Local, State, and Federal requirements.

In 2009, Western Maryland Waste Systems, LLC was granted a permit from MDE to construct a solid waste processing facility and transfer station in Allegany County. Operation of this transfer station began in September 2013 and the current permit period for the facility expires on November 15, 2024. As of October 2020, the Western Maryland Transfer Station is owned and operated by Waste Management.

5.1.1.2 Planned Solid Waste Acceptance Facilities

None planned at this time.

5.1.2 MECHANISMS FOR MANAGING ITEMS IN THE WASTE STREAM

All of the following mechanisms for managing items in the waste stream are deemed to be adequate for the planning period. Modifications and revisions to these mechanisms will be made as feasibility, efficiency, legislative mandates, and economics dictate.

5.1.2.1 Residential Waste

The current system for household waste management uses a combination of curbside pickup and County-operated residential refuse drop-off sites. Private companies, as well as municipalities, provide waste pick-up and transportation to the current landfill and/or transfer station disposal sites. Individual residents may take their waste to one of the County's four large drop box sites, the landfill and/or the transfer station.

5.1.2.2 Commercial Waste

The primary system for the management of commercial waste utilizes the large dumpster-style containers. Numerous companies providing this service are privately-owned and operated, and also provide the needed transportation to disposal sites as well as maintenance on the dumpster units. Some commercial waste generators collect their own wastes (independent of any commercial waste disposal system) and transport directly to disposal facilities.

5.1.2.3 Industrial (Non-Hazardous) Solids, Liquids, and Sludges

Industrial waste in Allegany County has steadily decreased since the 1970's with the loss of several large manufacturing companies. Industrial wastes are handled as follows:

(a)

5.1.2.3.1 Solids

Solid waste management for industrial waste is handled very similarly to that of commercial waste disposal listed above.

5.1.2.3.2 Liquids

Liquid waste disposal for all of the area industrial waste generators have Maryland Department of the Environment approved waste facilities, with discharge permits to the Potomac River or an indirect discharge through sewage treatment plants.

5.1.2.3.3 Sludges

The production of industrial sludge occurred primarily at one large plant located on the Potomac River in Westernport. This industry, which is now closed, has utilized strip mines for its sludge disposal as part of the mine reclamation process. Sludge produced from the County-operated wastewater treatment plants, which serve industrial uses, are landfilled at the Mountainview Landfill, and after 2022 at the Mostoller Landfill.

5.1.2.4 Institutional (Schools, Hospitals, Government Buildings) Waste

5.1.2.4.1 Schools

All Allegany County schools, including Allegany College of Maryland (ACM) and Frostburg State University (FSU), utilize a similar solid waste collection process to that listed above in Institutional (Schools, Hospitals, Government Buildings) Waste Schools however, generate hazardous waste normally in liquid forms from science laboratories which are handled separately. The procedure for handling this laboratory waste is to contract with an approved hazardous waste hauler. These materials are contained and stored under current Maryland Department of the Environment regulations within the school property. Frostburg State University and the University of Maryland Center for Environmental Sciences, Appalachian Laboratory (UMCES-AL) each generate approximately 500 Kg of liquid hazardous wastes annually, utilizing the services of licensed hazardous waste haulers for removal. Many schools have implemented basic recycling programs as detailed in Section 3.7.1.

5.1.2.4.2 Hospitals

UPMC Western Maryland disposes of solid waste in much the same way as listed under commercial waste. The primary exception is the use of MDE approved contractors to dispose of red bag (biohazard) medical wastes.

5.1.2.4.3 Government Buildings

Numerous government buildings exist in Allegany County. Federal, State, and local government buildings primarily use the same solid waste management as other commercial waste generators in the County. Some government buildings, such as the County Office Complex and Allegany College, offer multi-product recycling programs.

5.1.2.5 Land Clearing and Demolition Debris (Rubble)

The current mechanism for managing rubble in Allegany County is the use of landfill or transfer station sites. While the mechanism to handle demolition debris is adequate, development of a separate land clearing debris landfill is viewed as desirable. Such a facility is permitted by a company along Maryland Route 36 north of Midland, although it is not available to residents.

5.1.2.6 Controlled Hazardous Substance (CHS)

Hazardous materials are generated at all levels including, but not limited to, residential, commercial, and government agencies. Residential generators are exempt from most EPA and MDE regulations, which allows for hazardous waste disposal at the current landfill disposal site. Commercial generators of hazardous wastes use private companies from Pittsburgh, Baltimore, and Washington, D.C. to handle and haul for proper disposal. Government buildings follow similar mechanisms for disposal as that of commercial generators of CHS. Both Mountainview Landfill and Mostoller Landfill accept asbestos waste in accordance with regulations issued by their respective permitting agencies.

5.1.2.7 Dead Animals

Dead animals are primarily generated by the Allegany County Animal Shelter. The State, County, and City roads departments also dispose of animals killed on the road. Historically, animals from the animal shelter are frozen and picked up by a rendering company. Plans for an animal crematorium are being considered, but as of 2013 the Animal Shelter adopted a no-kill policy. Dead animals from the State and County roads are normally buried on various State and County rights-of-way. Dead animals from the Department of Natural Resources are placed in a deer pit located at the eastern end of the County. Dead animals from most of the veterinarians are picked up by a private business and are buried or incinerated.

5.1.2.8 Bulky or Special Waste

Large, bulky items such as automobiles and large appliances are not accepted at the landfill. They are instead taken to an in-County scrap and salvage business. Penn- Mar Recycling and Allegany Scrap accept select items for recycling.

5.1.2.9 Tires

Scrap tires are accepted at various locations within the County for a fee and hauled to an out-of-County scrap tire disposal facility. See Section 3.5.6.

Additionally, MDE has issued permits to numerous tire collectors and transporters in Allegany County. Allegany County has participated with Maryland Department of the Environment and Maryland Environmental Service to implement very successful scrap tire collection days for County residents.

As the continued availability of State grant funding for scrap tire collection is questionable, County implementation of a fee-based annual or biennial scrap tire disposal day program is recommended in addition to ongoing by-appointment tire collection program for County residents at the County Complex.

5.1.2.10 Wastewater Treatment Plant Sludge

The two primary generators of municipal sludge in Allegany County are the City of Cumberland and the Allegany County Department of Public Works. The City of Cumberland produces a Class A sludge by way of a sludge heat drying and pelletizing facility. The sludge heat drying facility is operated for the City under contract with New England Fertilizer Company (NEFCO). The sludge is treated and distributed for uses approved by the Maryland Department of the Environment via Sewage Sludge Utilization permits. NEFCO distributes the pelletized products in Maryland, Virginia, and Pennsylvania for uses such as land application to agricultural and marginal land (bulk fertilizer,) fertilizer blenders/manufacturers, and as an industrial fuel source. The City and its contractor dispose of pelletized and/or activated sludge to landfills on an as-needed basis. Allegany County Department of Public Works disposes of treatment plant sludge at the current landfill under MDE permits. Beginning in 2022, County sludge will be transported to the Mostoller Landfill for disposal.

5.1.2.11 Septage

Septage is collected by private haulers and can be transported to the Upper Potomac River Commission Wastewater Treatment Plant in Westernport for treatment and disposal for a fee.

5.1.2.12 Construction Waste

Construction waste, most notably wood waste, drywall, and shingles are currently landfilled. As motivated by LEED and interest in greener building techniques, the County should work with the waste industry and building industry to identify and pursue opportunities to collect and recycle these materials. Upon closure of Mountainview Landfill in 2022, construction waste will be received at the Western Maryland Transfer Station and transported to the Mostoller Landfill for disposal.

5.1.2.13 Oil

Numerous recycling collection facilities, including the Riverside Recycling Site and Mountainview Landfill, accept waste oil for reclamation. Several area service stations also accept waste motor oil. These are alongside bins for the disposal of oil filters.

5.1.2.14 Antifreeze

Numerous recycling collection facilities, including the Riverside Recycling Site and Mountainview Landfill, accept used ethylene glycol for reclamation. Several area service stations accept this material as well.

5.1.2.15 Household Hazardous Waste

The Allegany County Commissioners conducted one-day household hazardous waste collections in 1994, 1995, 1996, 1998, 2000, 2002, 2004, 2006, 2008, 2015, 2017, 2019, and 2021. Wastes are collected, handled, and disposed of by a licensed company. This effort will continue on a biennial basis provided funding and public support remain available. Development of a publicly available website or brochure on proper disposal of Household Hazardous Waste should be considered.

5.1.2.16 Fluorescent Bulbs

Fluorescent bulbs have been collected in the past at household hazardous waste collection events and can be taken to Penn-Mar Recycling for proper disposal for a fee. In addition, at least one local retailer of CFLs (ex. Lowes, LaVale, MD) collects CFLs for recycling.

5.1.2.17 Medicine

As of 2012, unused prescription medications may be dropped off at local Law Enforcement agencies for disposal.

5.1.3 SIZING, STAGING AND CAPACITY OF SOLID WASTE FACILITIES

All of the following solid waste facilities are deemed to be adequate for the planning period. Modifications and revisions of these facilities will be made as feasibility, efficiency, legislative mandates, and economics dictate.

5.1.3.1 Mountainview Landfill

The original Phase III permit area for the Mountainview Landfill was based on a 39.9-acre footprint. The total site area of 500 acres would provide additional future capacity.

A revised usable life projection based on recent tonnages, increased net airspace capacity due to improved compaction methods and a redesigned footprint that improved use of the permitted acreage now extends into the year 2022. The source of this projection is from data generated for Mountainview Landfill's 2019 Annual Operating Report to MDE and discussion with the Landfill Operator. Consideration of future provision of landfill capacity via landfill development at the Mountainview or another site has not been ruled out by the County.

A wide range of County-operated recycling containers are available at the Mountainview Refuse Site, including cardboard collection, newspaper, magazines, office paper, waste oil, antifreeze, #1 and #2 plastics, cans, and glass. In 2013, the recycling drop-off area was reconfigured to improve efficiency of traffic flow in the recycling area. Under terms of the Landfill contract with Green for Life, Inc., which has been assumed by Noble Environmental as part of their purchase of Mountainview Landfill, the refuse and recycling drop-off area will remain in place for the term of the landfill post-closure period (or until approximately 2052).

5.1.3.2 Mostoller Landfill

Waste Management's Mostoller Landfill is permitted by the Pennsylvania Department of Environmental Programs in 10-year increments. The landfill is permitted for a fifty-year life at 2,000 tons per day with current intake being approximately half of that amount.

5.1.3.3 Western Maryland Transfer Station

Waste Management's transfer station is permitted by MDE. It currently is permitted with adequate capacity for handling the waste generated in Allegany County. Modification of the transfer station is anticipated to more efficiently handle the increased solid waste volume and traffic and to handle waste from private citizens once Mountainview Landfill is closed in early 2022.

5.1.3.4 County Residential Refuse Sites

The system for disposal of solid waste in the outlying areas of the County is adequate. The facilities are staffed and fenced, and recycling is available at these sites. The installation of compactor units at the Eastern sites should be analyzed, taking economics and site operations into consideration.

5.1.3.5 Recycling

Allegany County is recycling 30%+ of the total waste stream via MRA-eligible recycling activities. In, 2012 the Maryland General Assembly passed the Recycling Rate and Waste Diversion – Statewide Goals Act. The Act revises the Maryland Recycling Act (1988) by increasing the mandated recycling rates for all Maryland jurisdictions to at least 35% or 20%, depending on population. Allegany County continues to meet the 20% requirement and anticipates doing so in the future.

5.1.3.6 Household Recyclables

Drop boxes located throughout the County should be adequate to handle the collection needs for recyclables (cans, glass bottles, plastics, office paper, magazines, cardboard, and newspapers) during the planning period, with the addition of new boxes and sites as the need requires. In May 2012, a plan to reorganize the recycling sites was approved by the County Commissioners; the goal being to collect a more comprehensive suite of materials at each site, better secure sites to minimize contamination, ADA-accessible and safe sites, and maximize hourly/daily availability and participation. This plan was implemented and is being revised as needs dictate.

5.1.3.7 Yard Trimmings

The County operates a yard trimmings acceptance facility on County property in Mexico Farms. Based on the success at this site and demand in other parts of the County, the establishment of a satellite yard trimmings collection site in the western region of the county should be pursued. In addition, backyard composting should continue to be encouraged with education and outreach. In that regard, in 2012, 2017, and 2018 the Solid Waste Management Board sponsored the sale of backyard composters and rain barrels to the public accompanied by appropriate education/training.

5.1.3.8 Commercial Recycling

Eighty percent of the County's recycling tonnage is generated by the commercial sector from recycled paper, cardboard, batteries, textiles, renderings, residuals, and metals. This area presents the greatest potential for increasing recycling tonnages and should be expanded. Allegany County should provide incentive for commercial recycling through the establishment of a green business designation or by publicizing the recycling rates of businesses as reported in annual MRA surveys.

5.1.3.9 Curbside Recycling

Burgmeier's Hauling Inc. offers curbside recycling of selected materials to its subscription waste disposal customers in Allegany County. The City of Cumberland offers curbside recycling to its residents through a contract with Burgmeier's Hauling. In Frostburg, Burgmeier's offers a subscription curbside recycling service to residents. Subscribers receive a $3/month rebate on their quarterly utility bill (which includes monthly trash disposal fees.) Expansion of curbside recycling to other areas is unlikely during the planning period due to its cost.

5.1.3.10 Electronics Recycling

Fee-based electronics recycling is provided on a year-round basis by Penn-Mar Recycling and local retailers. Allegany Electronics has also conducted on-site e-cycling events within the City of Frostburg and Allegany County in past years. Market conditions will dictate any changes in electronics recycling during the planning period.

5.1.3.11 Rubble Fill

Mountainview Landfill and Mostoller Landfill both accept rubble and demolition wastes. Since rubble tonnage is included with the various wastes listed on Table 3-3 Mountainview Landfill Details Annual Landfill Total Tonnages (Mountainview Landfill,) Mountainview Landfill and Mostoller Landfill should be adequate for the County's rubble disposal needs.

The types of wastes which may be disposed at a rubble landfill site are: trees, land clearing debris, and demolition debris that is not a controlled hazardous substance as defined by the Annotated Code of Maryland.

5.1.3.12 Household Hazardous Waste (Too Toxic to Trash Waste)

No permanent facilities exist for the collection or storage of household hazardous waste. In 1994, the County initiated an annual household hazardous waste (HHW) collection day. Given the expense and coordination involved, a continuation of the HHW collection day event on a biennial basis is considered adequate.

5.1.3.13 Residential Red Bag Wastes

No adequate facilities or procedures exist for effectively controlling the disposal of residential red bag medical wastes. These wastes, which can include needles, bandages, and body fluids, are being discarded with regular household refuse and can pose a threat to refuse collection and landfill operations personnel.

The disposal of residential red bag waste generated in Allegany County is not covered by any special management program. Health care providers are educating their patients as to the proper disposal of residential red bag wastes. Needles and unused medicine may be dropped off at the Allegany County Sheriff's Office at the County Office Complex in Cumberland.

5.1.4 SCHEDULE FOR PLACING NEW SOLID WASTE DISPOSAL SYSTEMS AND ACCEPTANCE FACILITIES INTO OPERATION

In issuing a permit for the 39.9-acre Mountainview Landfill site at Vale Summit in February 1992, the Maryland Department of the Environment has made a determination that the Mountainview Landfill complies with pertinent Federal and State laws regulating municipal waste sanitary landfills. Its permitted capacity meets Allegany County's needs through the year 2022. After the capacity is reached at the Mountainview Landfill, Allegany County's waste will be disposed of at the Western Maryland Transfer Station to provide adequate disposal capacity throughout the planning period.

Therefore, with exception of continued operation and possible expansion of the land clearing landfill operated by Braddock Construction and the Western Maryland Transfer Station, it is not envisioned that any major, new solid waste disposal systems or acceptance facilities will be placed into operation during the ten-year planning period covered by this current Plan.

Interest has been expressed by a private hauler concerning construction of a second transfer station in Allegany County. To date, no details, plans or applications have been submitted. However, the development of additional transfer stations in the County is not seen as inconsistent with this Solid Waste Management Plan.

Noble Environmental has expressed interest in possibly expanding the capacity of Mountainview Landfill, though no details, plans, or applications have been submitted. However, development of additional landfill capacity is not seen as inconsistent with this Solid Waste Management Plan.

5.1.5 FINANCING SOLID WASTE SYSTEMS

Since the Mountainview Landfill and the Western Maryland Transfer Station are private facilities, Allegany County is not responsible for the cost of their design, construction, operation, closure, or post-closure. Similarly, since most trash collection in the unincorporated areas of the County is contracted on a subscription basis with private firms, the County is not responsible for these costs. Municipalities either provide collection service, contract for their residents, or require the residents to contract privately with no cost responsibility to County government. While the County is relieved of the above solid waste financial burdens, there are still elements of the solid waste system for which the County is responsible. A brief discussion of each is in the sections below.

5.1.5.1 County Residential Refuse Disposal Sites

In February 1998, the County implemented a tag program for use at their four (4) refuse disposal facilities. Beginning January 1, 2017, the County Commissioners increased the pay-as-you-throw (PAYT) tag fee at Mountainview Landfill and the other County Refuse Disposal Sites from $0.75 per tag (bag) to $1.00 per tag (bag). This increase will generate additional revenue of approximately $50,000 per year to offset the nearly $200,000 per year General Fund subsidy it provides to cover the solid waste disposal costs. In addition, the PAYT system encourages residents to reduce the cost of their solid waste disposal by generating less volume of waste through reduce, reuse, recycle, and compost.

In Fiscal Year 2019, the tag system generated $252,235.75 (71%) toward offsetting a $354,581.42 cost of providing the residential refuse service to collect, transport, and dispose of 3,210 tons of solid waste. The balance is paid from the County's General Fund. To more equitably offset costs, an increase in the tag fee is recommended. These costs, along with those for FY '15 and FY '17, are shown in Appendix G.

5.1.5.2 Solid Waste Host Fee

The County receives a host fee (currently $1.35/ton) for out-of-County waste disposed of at Mountainview Landfill or handled through the Western Maryland Transfer Station. See Landfill and Transfer Station contracts in Appendix A.

5.1.5.3 Recycling Fee

Since 1992, The County has assessed a $1.00 per ton surcharge fee on all County solid waste disposed of in the landfill to help offset the cost of its recycling efforts. In January 2000, that fee was increased to $1.50 per ton. In addition, the County collects a recycling fee of $1.50 from all County-generated waste from the Transfer Station. In Fiscal Year 2019, the $1.50 per ton fee raised $142,124.73, as compared to the County's recycling cost of $196,842.23. See Appendix G.

5.1.5.4 Yard Trimmings and Mulch Site

The County operates a mulch and yard trimmings recycling site. Diverting yard material from the landfill conserves valuable landfill airspace and in turn will extend the available life of the landfill. At nearly $20,000 per year, expenditure on its operation is significant. The sale of compost is a possible source of revenue to offset this cost. However, the liability for quality and administrative issues associated with sale of mulch to the public would result in increased processing costs. Some mulch has been sold to a commercial mulch operation who further processes and packages the mulch for sale, with no liability to the County. Therefore, the sale of mulch is only recommended to commercial processors. County residents can continue to pick-up mulch at the site for no cost.

5.1.5.5 Closure Costs

As the former owner/operator, the County is responsible for closure costs at the Vale Summit (Cabin Run) Landfill and Westernport (Moran) Landfill.

The Vale Summit Landfill was closed with placement of a synthetic cap in 1994 at a cost of $1,150,000. Funds for this work were paid from the County's 1981 and 1988 Public Improvement Bonds and other County funds.

The Westernport Landfill was closed with placement of a synthetic cap in 2004. The cost of that project was $946,000. Of that total, $216,000 was funded by MDE as part of a scrap tire drainage system demonstration grant. The remaining $730,000 was borrowed with a 20-year State Revolving Fund loan, which will be paid back from the County general fund. The Westernport Landfill cap loan from MDE will be paid off in 2023.

After the existing landfills are adequately closed, the County is still responsible for the costs of groundwater monitoring activities which currently total $15,000 per year. It is expected these costs will be included in the Solid Waste budget from general County funds.

The Mountainview Landfill operation, closure, and post-closure is a responsibility of the owner, Noble Environmental.

On October 9, 1991, the U.S. Environmental Protection Agency (EPA) issued its rule, "Solid Waste Disposal Facility Criteria" (40 Code of Federal Regulations [C.F.R.] Parts 257 and 258) as provided for under the Resource Conservation and Recovery Act, Subtitle D. This EPA rule establishes municipal solid waste landfill (MSWLF) closure requirements for all MSWLFs that accept solid waste after October 1, 1991. Financial assurance requirements apply to MSWLFs that receive solid waste after October 9, 1993.

These rules currently do not apply to the County because it's neither an owner nor operator of a municipal solid waste landfill. In the event the County should choose to operate a municipal landfill, the County would assume a significant financial burden in complying with the rule.

5.1.6 CLOSURE OF SOLID WASTE ACCEPTANCE FACILITIES

Allegany County's sanitary landfills ceased receiving wastes on February 3, 1992. Those landfill sites proceeded through a closure procedure in accordance with COMAR 26.04.07.21 and EPA Subtitle D. The EPA Subtitle D regulations require post-closure groundwater monitoring for a 30-year period.

Although the COMAR regulations require that closure efforts begin within twenty-four (24) months of the landfill's last acceptance of waste, Allegany County's efforts lagged behind this requirement.

As discussed in Chapter 3, in summer 1994, Allegany County installed a MDE-approved synthetic cap on the Vale Summit Landfill. In summer 1993, a fly ash and earthen cap was placed over the Westernport Landfill, with a final synthetic cap placed in 2004.

Groundwater monitoring and methane gas probe wells are in place at both sites and required sampling is ongoing, with results being submitted to MDE for review. In 2013, several gas relief trenches were installed at the Westernport site in response to elevated methane readings.

5.1.7 CHANGES IN PROGRAMS, PLANS, REGULATIONS AND PROCEDURES

The following changes are based on the assessment conducted in Chapter 4. This section has been organized according to the municipal solid waste management hierarchy of Reduce, Reuse, Recycle/Compost, and Landfill as detailed in Section 4.3. Sections for education and finance have been added to this list.

5.1.7.1 Solid Waste Management Board

On December 19, 1996, the Allegany County Commissioners formed the Allegany County Solid Waste Management (SWM) Board to serve as an advisory body on matters pertaining to solid waste disposal and recycling, and to prepare updates of the County's Solid Waste Management Plan.

The SWM Board operates under the Bylaws which were approved and have been subsequently amended by the County Commissioners. A copy of the current Bylaws is included in Appendix D of this Plan. It is recommended the Bylaws continue to be revised and amended as needed. It is recommended in its deliberations that the SWM Board remain committed to the Reduce/Reuse/Recycle/Compost/Landfill hierarchy of solid waste management.

5.1.7.2 Reduce

i. Encourage municipalities and other solid waste handlers to develop and implement variable rate pricing systems (aka. Pay-as-You-Throw, PAYT) as financial incentives to those residents who reduce, reuse, recycle, and compost. Paying for solid waste collection based upon the weight or volume has proven successful in reducing the tonnage going to landfills and the dollar cost of tipping fees.
ii. The County should encourage variable rate pricing (VRP) through education of the general public and, more specifically, the municipal, financial and public works officials who oversee the local programs. Sponsoring outside speakers representing successful programs, dissemination of information/articles, and regular meetings of County and local officials are suggested.
iii. Encourage municipalities to annually evaluate cost effectiveness of waste disposal methods as compared to recycling.
iv. In 1994, the State of Maryland banned separately collected yard waste from being disposed of in landfills. As a source reduction technique, yard material should be diverted from the general waste stream and its disposal discouraged/prevented at the landfill. Yard waste can be diverted from the general waste stream by composting at the source in simple composting devices or delivery to the County-operated yard trimmings collection facility.

5.1.7.3 Reuse

This is an educational issue and is addressed in Section 4.3.4.

5.1.7.4 Recycle

1) In 1991, the County mulch and yard trimmings collection site was established as Allegany County's first recycling priority, considered Phase I. It has become an essential part of the County's yard material recycling program as per Sections 3.5.4 and 5.1.3.7.
2) A County-wide drop box program for household recyclables (bimetal cans, clear, brown and green glass bottles, cardboard, magazines, office paper, and newspapers) was implemented under Phase II. However, to date, it is estimated less than 20% of household waste is collected through the drop box program. Development of more efficient and effective ways to collect household recyclables should remain a priority. Similarly, the collection of other recyclable materials should be considered as it becomes economically feasible. Recycling participation has increased since the City of Cumberland started offering dual stream recycling to its residents. In Frostburg a subscription curbside recycling service is offered by Burgmeier's Hauling to City residents. Subscribers receive financial incentive through a $3/month rebate on their quarterly utility bill. The County drop box program needs continual public education.
3) Curbside collection of household recyclables was recommended as Phase III, but due to operational and institutional barriers, has not yet been widely implemented. Frostburg no longer collects newspapers at curbside one day per month. Fortunately, Cumberland's curbside recycling program

has been successful with nearly 30% participation. Ongoing consideration should be given to curbside recycling, especially by municipalities and solid waste handlers who offer curbside trash collection. Collectors and haulers should be encouraged to provide recycling services similar to that being offered by Burgmeier's Hauling.

4) A centralized cardboard recycling program was opened to the public in 1995. The collection of cardboard, magazines, office paper, and other paper products has been minimally decentralized through the development of satellite collection sites. Although a pilot project by the City of Cumberland to pick-up commercially generated cardboard met with minimal success, other potential County/municipal and public/private partnerships with additional decentralization should be explored. One such effort is Burgmeier's Hauling providing public drop-off collection boxes for cardboard at the Frostburg Dog Park and on Liberty Street in Downtown Cumberland.
5) Commercial and institutional generators currently account for about 80% of the County's recycling effort. However, since a much greater percentage of commercial waste is potentially recyclable, continual education of this sector as to current methods in industry and business waste collection and recycling is needed.
6) The County should consider establishing a regular residential (non-commercial,) fee-based tire collection program for Allegany County residents and encourage municipalities to organize clean-up projects.
7) Recycling in the public schools is currently coordinated by staff who collect materials and transport them to a County recycling collection site for processing. Opportunity exists to expand the number of schools involved and the types of materials collected. As these programs expand, it would be worthwhile for ACPS and ACM to investigate the feasibility and economics of contracting some of these efforts as opposed to performing them with staff.

5.1.7.5 Yard Trimmings

Foster an increase in backyard composting through a combination of public education and demonstration projects in cooperation with County Extension Agencies, Soil Conservation District, area garden clubs, County schools, and student environmental clubs. Future efforts to sponsor the sale of backyard composters and rain barrels is also encouraged and to be evaluated each January.

While the County Yard Trimmings Recycling Site in Mexico Farms is a well-known and successful site, consideration should be given to the development of satellite sites to increase County-wide participation.

5.1.7.6 Landfill

5.1.7.6.1 Future Siting of Sanitary Landfills

As outlined in Section 3.4.1, the present 39.9-acre permitted Mountainview Landfill, which is located within a total tract of approximately 500-acres, has projected life until 2022. Although it is believed additional permitted acreage can be developed within the remainder of the 500-acre tract, Noble Environmental, the landfill owner, may have interest in doing so.

5.1.7.7 Education

Methods to educate the public concerning municipal solid waste and the Reduce/Reuse/Recycle/Compost hierarchy need to be continually updated. Methods to pursue include:

- Activities through public and private schools in Allegany County, such as recycling contest, MDE's recycled materials sculpture contests and Green Team presentations
- Distribution of solid waste videos and teacher recycling kits
- Updates to the Allegany County Recycling web page: alleganygov.org/recycle
- Gain subscribers to the digital distribution list for special events like Too Toxic to Trash collections
- Utilize traditional and social media for regular recycling columns in the local newspaper and programs such as Newspaper in Education, and shareable graphics for social media feeds
- Presentations and displays for area organizations and at community functions such as:
    - Leadership Allegany!
    - Allegany County Fair
    - Earth Day and America Recycles Day celebrations and events
    - Larger festivals and other events
- Other forms of outreach include efforts to distribute mass e-mailings of source reduction tips

- The following issues are worthy of public education efforts:
    - Waste stream components
    - Reduce, Reuse, Recycle/Compost, Landfill hierarchy
    - Buy recycled
    - Pre-cycling
    - Closing the loop
    - Pre- vs. post-consumer content
    - Durable vs. disposable purchasing
    - Backyard composting
    - Variable rate pricing vs. flat rate fees
    - Life-cycle analysis of products
    - Allegany County's Reuse Directory

In order to facilitate development of a regional perspective of solid waste management, we should encourage exchange of County Solid Waste Management Plans information, ideas and experiences with Washington and Garrett counties in Maryland and the appropriate contiguous waste management jurisdictions in Pennsylvania and West Virginia.

The Solid Waste Management Board should work with other groups (such as Living Green, Learning Green, LGLG, at Frostburg State University, Allegany County Chamber of Commerce and TGCC, The Greater Cumberland Committee) to promote events and projects that work towards the County's goals of reduce, reuse, recycle, and compost.

5.1.8 FINANCE

The County should continue to implement increased waste disposal fees to fully fund the County's Recycling and Composting programs.

5.2 RECOMMENDED REGULATORY/LEGISLATIVE CHANGES

5.2.1 CONTROL ILLEGAL DUMPING

5.2.1.1 Education

An educational period, during March/April leading up to Earth Day, should be provided by Allegany County Health Department, Soil Conservation District, Allegany County Board of Education, and municipalities within Allegany County.

5.2.1.2 Enforcement

The Litter Control Law, Article 27, Section 468, in the Annotated Code of Maryland, see Appendix B.5, outlines the penalties for littering, illegal dumping, unlawful use of private dumpsters, and illegal use of curbside pickup. This is to be enforced by the County Health Department, State Police, Sheriff's Department, Bureau of Police, Department of Natural Resources, City of Cumberland Police, and City of Frostburg Police in conjunction with the State's Attorney. It is recommended that there be one enforcement person within the County who is responsible for all complaints. Past efforts to prosecute illegal dumpers have not been successful, but the equipment has been upgraded and the effort should not be abandoned.

Many organizations participate in the Maryland State Highway Administration's Adopt-a-Highway cleanup effort. More organizations should be encouraged to participate.

5.2.1.3 Funding

Judges should be encouraged to levy fines for violation of the Litter Control Law, as proceeds are disbursed back to local jurisdictions to defray the cost of removing and controlling litter. Regardless of the punishment assessed following the arrest and conviction for littering, illegal dumping, unlawful use of private dumpsters, or illegal use of curbside pickup, it is recommended that the case be publicized in order to discourage others from the same action.

5.2.2 REDUCE THE SOLID WASTE STREAM THROUGH RECYCLING

Local, state, and federal initiatives are necessary to reduce the solid waste stream through recycling and to improve markets for recycled materials.

a. A job description for the County Recycling Coordinator has been developed and should be kept current. It is recommended this critical position be funded as a full-time effort.
b. Appropriate officials are urged to work with elected representatives and the Maryland Department of the Environment to enact legislation which will increase markets for post-consumer materials.

c. Construction of incinerators for disposal of municipal solid waste should not receive support from the County in the permitting process. See Section 4.3.

5.2.3 COUNTY ORDINANCE ADDRESSING SOLID WASTE DISPOSAL AREA

County ordinances and procedures should be adopted or modified as recommended below to address problems and expected changes in the solid waste disposal area.

- Adopt formal language in the County Zoning Ordinance pertinent to establishment of a "Construction Site Waste Management Statement" for the approval and issuance of permits for commercial, industrial, institutional, and multi-family development to:
  - Ensure that waste generated during construction will be processed and/or managed in a manner that will protect the ambient air, surface water, groundwater, drainageways and soil quality, as well as to minimize on-site and off-site pollution;
  - Ensure compliance with the Allegany County Solid Waste Management Plan and all local, state, and federal regulations and laws;
  - Continue the County's effort to encourage recycling of applicable materials (solid or liquid) in the private, commercial, institutional, and/or industrial sector; and
  - Reduce the quantity of waste generated within the County.
- Adopt formal language in the County Zoning Ordinance pertinent to storage and collection of refuse such that:
  - No materials or wastes should be deposited in such form or manner that these materials or wastes may be transferred off the lot by natural causes or forces; and,
  - No substance which may contaminate a stream or waterway, or render such a stream or watercourse undesirable as a water supply or for recreation, or which will destroy aquatic life, is permitted to enter said stream or waterway; and,
  - Any materials which may cause odors or contribute to the attraction or harborage of animals, rodents, or insects should be stored in enclosed containers or removed immediately from the property and deposited in a refuse container designed for the intended purpose.

5.2.4 LOCAL LAWS FOR COLLECTION AND DISPOSAL OF SOLID WASTE

Local laws or regulations pertaining to the collection and disposal of solid waste should be established as recommended below. At the very least, the County should negotiate a recycling fee in all solid waste disposal contracts.

5.2.4.1 **Recycling fees**

Recycling fees should be required to be collected on all non-recyclable, disposal-bound waste generated in Allegany County regardless of the location of the facility for ultimate disposal.

5.2.4.2 **Hauler Licensing**

A licensing procedure should be implemented for all collectors/haulers of commercial and municipal solid waste and recyclables in Allegany County. This licensing procedure, necessary for the County to accomplish the fee collection in Section 5.2.4.1 above should set forth minimum qualifications. See Appendix F for details on a recommended licensing program.

5.3 RECOMMENDED ORGANIZATIONAL/PROGRAMMATIC CHANGES AND CONSIDERATIONS

5.3.1 LANDFILL MONITORING AND POTENTIAL DEVELOPMENT

Assignment of a qualified individual to monitor the operation of the Mountainview Landfill and the closure and post-closure of existing landfills is recommended. This individual should have basic training and experience in the operation of solid waste facilities and be kept abreast of technological and regulatory changes by attending available schooling opportunities.

In addition to landfill operation, this individual should be knowledgeable and involved in the County's recycling, composting, and waste collection programs in general.

5.3.2 SOLID WASTE AND RECYCLING COST ANALYSIS

At least every three years, County staff should perform a comprehensive review/audit of the County's solid waste disposal and recycling programmatic operations and associated costs including consideration of programmatic changes.

5.3.3 EASTERN REFUSE SITE CONSOLIDATION

As discussed in Section 4.1.5, the Solid Waste Management Board endorses the relocation of the Oldtown Refuse Site and recommends combining of the Flintstone and Little Orleans Refuse Disposal Sites into a single, more comprehensive site located between the two.

5.3.4 WESTERN MULCH AND YARD TRIMMINGS RECYCLING SITE DEVELOPMENT

The County should evaluate developing a Yard Trimmings Recycling Site in western Allegany County. The County operates a Yard Waste Recycling Site southeast of Cumberland and would like to provide a similar site near Frostburg. Currently the County is searching for a suitable site, and hopes to have it operational in the planning period.

5.3.5 CONTINUED REGULAR HOUSEHOLD HAZARDOUS WASTE COLLECTION EVENTS

Allegany County should continue to seek grants and sponsorships to hold a residential Household Hazardous Waste/Too Toxic to Trash event at least biennially. The County should consider higher frequencies for this type of event with a more focused set of materials, or a regular permanent collection site. Public education as to how to avoid and/or manage HHW and available substitutes should continue.

5.3.6 ONGOING TIRE AND ELECTRONICS COLLECTIONS

The last grant received for a tire collection event funded through MDE was in October 2013. Tire collection event funding has not been offered on a consistent basis. The residents of Allegany County were accustomed to saving their tires for free or low-cost collections, and an accumulation of scrap tires has been the result. The County Recycling Office is working on outreach to let residents know about the County's ongoing tire collection at a fee of $3.00 per tire at three permitted residential refuse sites.

In order to clean up the "backlog" of tires, the County Commissioners funded a one-day tire recycling event at the County Fairgrounds, on Saturday, October 5, 2018. Citizens were charged a fee of $1 per tire, and were permitted up to 20 tires. The event traffic totaled 521 vehicles, and 8,799 tires were collected from 8am -1pm. The event cost $9,160.00. The Recycling Office has reached out to the Farm Bureau to encourage them to request Agricultural Tire Funding from MDE to hold Ag Tire Events in partnership with the County Recycling Office.

5.3.7 FOOD WASTE REDUCTION STRATEGIES

Allegany County would like to reduce the amount of food waste disposed of in landfills. Commercial/ large-scale composting is currently not offered or planned. Fortunately, composting is not the only way to reduce food waste. The Allegany County Solid Waste Management Board hopes to partner with the Western Maryland Food Bank and Western Maryland Food Council to write letters to restaurants and markets encouraging them to divert items to the food bank to feed people. We also hope to target large institutional cafeterias to consider purchasing an on-site composter, like formerly used at Frostburg State University's dining hall, to compost their food waste on-site. In addition, as part of the County's overall source reduction outreach, we are encouraging residents to buy less food and eat leftovers to reduce food waste and save money.

5.3.8 OFFERING A WIDER SUITE OF RECYCLABLE MATERIALS

Allegany County looks to provide outlets for the following items for public disposal - cooking oil, propane tanks, plastic film, and polypropylene containers (#5 plastics) when economically feasible. These items are often requested by the public and some other Maryland Counties offer outlets. Any assistance MDE can provide would be appreciated.

5.3.9 CONSOLIDATION OF RECYCLING SITES

Allegany County will consider reducing the number of recycling sites, but provide a more comprehensive list of materials collected at each site. For example, in 2015 there were three recycling sites in LaVale, Maryland within one mile of each other. By the spring of 2017, these sites were consolidated into one site at Staples along National Highway. This site offers collection of newspapers, magazines, office paper, mixed cans, cardboard, #1 PET and #2 HDPE plastic. Further consolidation and relocation of recycling sites should be an ongoing effort based on economics and availability of sites. Those commercial landowners allowing recycling sites on their property should be regularly recognized and thanked for their participation.

Appendix A Contracts

Appendix A.1 Landfill Contract

EXECUTION VERSION

LANDFILL AGREEMENT

THIS LANDFILL AGREEMENT ("Agreement") is made this 19th day of November, 2020 (the "Effective Date"), by and between **Mountainview Landfill, Inc.**, a corporation organized and existing under the laws of the State of Maryland and a wholly owned indirect subsidiary of GFL Environmental Inc. (hereafter the "Company"), and the **Board of County Commissioners of Allegany County, Maryland**, a body corporate and politic of the State of Maryland (hereafter referred to as the "County") (Company and County each a "Party" and jointly referred to as the "Parties").

WHEREAS, Company owns and operates the Mountainview Landfill, a properly permitted solid waste disposal facility located within Allegany County, Maryland (the "Facility"); and

WHEREAS, Company and County were parties to a Landfill Agreement made and entered into on December 18, 2008 (the "Prior Landfill Agreement') which Prior Landfill Agreement has been assigned, with the consent of the County, to Waste Management of Maryland, Inc. ("WM"); and

WHEREAS, prior to the assignment of the Prior Landfill Agreement to WM, Company advised County of its intention to cease operating and close the Facility when the currently constructed cell is full (the "Closure") which Company expects to occur in 2022, depending upon the volume of waste accepted at the Facility;

WHEREAS County is in need of a disposal facility for the proper disposal of nonhazardous solid waste generated by County residents and businesses pending the Closure of the Facility; and

WHEREAS, the Parties by this Agreement wish to establish certain terms and conditions by which Company will operate the Facility and the Facility will provide certain benefits to the County.

NOW THEREFORE, in consideration of the mutual promises, covenants, agreements and conditions set forth herein, the receipt and sufficiency of which are acknowledged, and intending to be legally bound, the Company and County agree as follows:

ARTICLE I
TERM

The Agreement and all benefits and obligations identified herein shall commence on the Effective Date and continue until they expire in accordance with the terms of this Agreement.

ARTICLE II
OPERATION OF THE FACILITY AND ACCEPTANCE OF WASTE

2.1 Operation in Compliance with Applicable Law. Company shall operate the Facility in compliance with all applicable federal, state, and local permits, approvals, statutes, laws, rules and regulations, including but not limited to those relating to the protection of the environment. County shall not be liable for any costs, claims, penalties or fees resulting from Company's failure to do so. Company acknowledges that it shall be responsible for closure and post closure of the Facility at its sole cost and expense in compliance with all applicable laws.

2.2 County Authority. County represents that it has the authority to enter into this Agreement and that it has obtained all necessary approvals of this Agreement under all applicable laws, regulations, ordinances, and resolutions, including any public notice or hearing procedures which may be applicable, and agrees that it will designate the Facility in its Solid Waste Plan.

2.3 Disposal Capacity. Company agrees that, until Closure or such earlier time as County and Company may mutually agree, it will make available sufficient space at the Facility for the receipt, processing and disposal of all non-hazardous solid waste (hereafter "Acceptable County Waste") consisting of municipal solid waste ("MSW") and construction and demolition debris ("C&D") generated by residents and commercial and industrial establishments within Allegany County, Maryland and which can be disposed of legally at the Facility and consistent with all applicable environmental laws, regulations and permits. Company agrees that it will provide County with not less than 90 days prior written notice of the expected date of Closure of the Facility. The current estimated date of Closure of the Facility is the first quarter of 2022.

2.4 Out-of-County Waste. During the period of time in which the Facility is still accepting solid waste for disposal, the Facility may accept and dispose of MSW and C&D from outside Allegany County in accordance with the terms of this Agreement, provided that Company agrees that it will operate the Facility consistent with past practice and contractual commitments in place and binding on Company as of the Effective Date.

2.5 Operating Rules and Rejection of Unacceptable Waste. Company reserves the right to make, amend and enforce reasonable rules and regulations concerning operation of the Facility, including the public Convenience Center Area described in this Agreement hereafter, and any other matters necessary or desirable for the safe, efficient and legal operation of the Facility. The Facility shall have the right to reject any waste from any source that does not conform to applicable permits, approvals, laws, or regulations, or that is hazardous or toxic, even if only part of the waste load is nonconforming. In the event that the Facility detects unacceptable waste being delivered to the Facility, the person(s) or entity(ies) delivering such waste shall be solely responsible for its removal. The Facility shall have the right to refuse to accept deliveries from any person(s) or entity(ies) who knowingly or repeatedly violate the Facility permits and approvals or operating rules.

2.6 Reports. Company shall provide monthly and annual reports to the County showing

the type, amount and origin of all Acceptable County Waste received for disposal at the Facility.

2.7 County Inspection. County shall have the right to have designated employee(s) enter the Facility premises to observe the Facility's operation. Said observations shall be conducted during normal Facility business hours unless the County gives the Facility notice and good cause for an after-hours observation. County employees shall adhere to all safety guidelines implemented at the Facility, and shall not have the right to direct or otherwise interfere with the Facility's employees and operations.

ARTICLE III
DISPOSAL FEES AND OTHER FEES

3.1 Disposal Fee (Tipping Fee). The Disposal Fee charged per ton for Acceptable County Waste shall be determined as follows:

(a) Waste generated within the County. The Disposal Fee charged for the acceptance, processing, transportation and disposal of all Acceptable County Waste shall not exceed the following rates:

2020- $51.26/ton for MSW
$63.32/ton for C &D
2021- $52.39/ton for MSW
$64.71/ton for C &D
2022 - $53.70/ton
$66.33/ton for C & D

(b) Out-of-County waste. The Disposal Fee for waste generated out-of-County shall be established by Company provided that Company agrees that it will not accept out-of-County waste at a rate lower than the rates set out above in this Section 3.1, except in accordance with contractual commitments of Company in place and binding on Company as of the Effective Date.

3.2 Reduced In-County Disposal Fees. In the event Company wishes to offer a lower than posted Disposal Fee to haulers for waste generated within Allegany County, such reduced rate shall be discussed with and approved by the County prior to its implementation.

3.3 Fuel and Environmental Charges. In addition to the Disposal Fees described above, Company may apply fuel and environmental charges according to the standard fuel and environmental charge programs developed by Company and applied uniformly to like customers.

3.4 Changes in Law. The Parties agree that any fees, charges, costs, or assessments imposed upon the collection and/or disposal of waste that result from a change in federal, state, and local law will also be added to the applicable Disposal Fees described above at the time such changes in law are implemented.

3.5 Recycling Fee. In addition to the Disposal Fees described above, Company shall collect a Recycling Fee of One Dollar and Fifty Cents ($1.50) per ton on each ton of waste generated inside Allegany County that is delivered for disposal to the Facility. The Recycling Fee will be forwarded to the County on a monthly basis with payment for the month by the fifteenth (15th) day of the following month. The Recycling Fee shall not apply to any reduced rate or free disposal of waste tons that the Facility may, from time to time, offer to the County. With each monthly payment, Company shall provide County with a statement that demonstrates the total number of tons of waste disposed of within the Facility during the month for which the payment is being remitted.

3.6 Out-of-County Host Fee. In addition to the Disposal Fees described above, Company shall collect an Out-of-County Host Fee of One Dollar and Thirty-Five Cents ($1.35) per ton on each ton of waste generated from sources outside Allegany County that is delivered for disposal to the Facility. The Out-of-County Host Fees will be forwarded to the County on a monthly basis with payment for the month by the fifteenth (15th) day of the following month. With each monthly payment, Company shall provide County with a statement that demonstrates the total number of out-of-county tons of waste disposed of within the Facility during the month for which the payment is being remitted.

3.7 No Unilateral Assessment of Fees. County acknowledges and agrees that during the Term of this Agreement, it shall not seek to impose, or actually impose, any new or additional fees, taxes, excises, charges or assessments of any kind, that are based upon the disposal of waste at the Facility, or based upon any activities or independent services provided by Company at the Facility, or associated with the operation of the Facility and its related infrastructure and systems.

ARTICLE IV
PUBLIC DROP-OFF AREAS FOR MSW AND RECYCLING and RIGHT OF FIRST REFUSAL

4.1 MSW Drop-Off Area. Company shall provide the area at the Facility for disposal of MSW from County residents at the location within the area identified in red on Schedule A to this Agreement and the County shall supply containers for such drop off:

a. Cost of Disposal. Company will provide the County, within five (5) days after the end of each calendar month, with a summary of the total weight and volume of MSW disposal during such month, and the County shall pay Company for such disposal within twenty (20) days after the end of such month at the current Disposal Fee established for the Facility.

b. Guard Service. If requested to do so by the County, Company shall provide guard service at the public drop-off area to ensure compliance with posted rules. The cost of the guard service shall be agreed upon between the Parties and paid by the County. The County shall maintain the right to post an employee at the public drop-off area, at its own expense, in lieu of using Company's guard.

4.2 Recycling Drop-Off Area. Company shall provide the area at the Facility for use by County as a recycling drop-off area for County residents at the location identified in blue within the area identified in red on Schedule A to this Agreement. The drop-off area for recyclables will be located in the same area as previously located, unless the Parties agree to relocate it. Other changes in the drop off recycling area must be mutually agreed upon between the County and Company. The MSW Drop-Off Area and the Recycling Drop-Off Area are collectively referred to in this Agreement as the " Public Convenience Area".

4.3 Drop-Off Area Continued Operation After Closure of the Landfill. Company agrees that it will grant County a fee-free license (the "License") to continue to operate the Public Convenience Area at the Facility after the Facility permanently ceases to accept waste for disposal for a term that will automatically terminate at the end of the post closure care period for the Facility (the " Post Closure Care Period"), unless County and Company mutually agree to extend such date. Company agrees that it will provide County with not less than 90 days prior written notice of the expected date of end of the Post Closure Care Period for the Facility. The conditions of the License described in this Section 4.3 are as follows:

a. Company agrees, at its own expense, following the closure of the Facility, to fence the Public Convenience Area.

b. County acknowledges that it has sole care, custody and control of the equipment while in the Public Convenience Area and accepts responsibility for all costs and damages to the equipment and for its contents. The County shall not change the general use or layout of the Public Convenience Area without the written permission of Company.

c. County shall be responsible for maintaining the Public Convenience Area, keeping same in a neat and clean condition at its sole cost and expense. County shall be solely responsible for ensuring that the containers are emptied on an as-needed basis and such containers shall be maintained in good working order. Company agrees to advise County of any problems they observe concerning use of the Public Convenience Area.

d. County shall to the extent permitted by law, indemnify, defend and shall hold harmless Company and its respective parents, affiliates, officers, partners, employees and agents from and against any and all claims, damages, losses, actions, demands, deficiencies, liabilities, costs and expenses (including, without limitation, attorneys' fees and expenses and interest, penalties, fines, and all amounts paid in investigation, defense or settlement of any of the foregoing) asserted against or incurred by Company, its parents, affiliates, officers, partners, employees, or agents in connection with or arising out of or resulting from: (a) a breach of any covenant or agreement of the County contained in this Section 4.3; (b) the County's failure to comply with any applicable law relating to any activities conducted in the Public Convenience

Area; or (c) any negligence, gross negligence, or willful misconduct of the County or any employee, agent, subcontractor, or invitee of the County while on Company property or arising out of County's activities at the Public Convenience Area. The obligations of County hereunder shall survive termination or expiration of this Agreement.

e. Upon receipt by Company of any notice of a claim, action, or proceeding, made against Company in respect of the County's obligations under this Section 4.3, Company shall give written notice to County within ten (10) days by registered mail of any such claim. Failure to give the notice shall not affect Company's rights to indemnification hereunder except to the extent that County can demonstrate actual prejudice caused by such failure.

f. Upon termination of this Agreement, the County shall immediately remove all equipment, waste and recyclables and restore the Public Convenience Area to its condition as of the Effective Date.

g. County shall be solely responsible for the maintenance of the equipment as well as the maintenance of the Public Convenience Area and shall supervise all operations carried on at the Public Convenience Area. Company shall have no responsibility for any such maintenance or operation. County shall be responsible to obtain all permits, approvals and licenses necessary from any governmental authority with respect to its activities on Company property.

4.4 (a) If at any time during the term of this Agreement including the term of the License, Company receives a bona fide, third party offer to purchase (the "Offer to Purchase") that portion of the property on which the house which is currently used as the Facility office is located (the "House"), Company will provide County with written notice of such Offer to Purchase accompanied by a true and complete copy of the Offer to Purchase (the "Notice"). County shall have twenty (20) days from date of receipt of the Notice to give notice in writing to Company that County will purchase the House for the same purchase price and on the same terms and conditions as set out in the Offer to Purchase, which notice shall be accompanied by County's offer to purchase the House for such purchase price and on such terms and conditions (the "County's Offer"). If County delivers the County's Offer, then Company shall be obligated to accept County's Offer and to sell the House to County in accordance with the County's Offer. If County fails to provide the County's Offer in accordance with this Section 4.4 within such twenty (20) day period, then Company shall be free to sell the House in accordance with the Offer to Purchase.

(b) County acknowledges that Company (as successor to Chambers Development Company, Inc.) is bound by an agreement with Allegany Coal & Land Company ("Allegany Coal") to sell the "unused land" (the "Sale Agreement") as such term is defined in the Sale Agreement to Allegany Coal following the date upon which the Facility is "permanently closed and operation thereof abandoned".

ARTICLE V

LEACHATE TREATMENT AGREEMENT AND SLUDGE DISPOSAL

5.1 The Parties have entered into a Leachate Waste Treatment Agreement dated August 22, 2003, as amended and extended by agreements dated August 22, 2008, February 28, 2013 and July 26, 2018 (the "Leachate Treatment Agreement") for the treatment of leachate from the Facility at County-operated wastewater treatment plants. The Parties will continue to abide by the terms of the Leachate Treatment Agreement and County and Company hereby agree to extend the term of Leachate Treatment Agreement through the end of the Post Closure Care Period of the Facility and to amend the Leachate Treatment Agreement to incorporate the terms set out in this Article 5.

5.2 Company shall pre-treat the leachate as necessary to levels acceptable under the County's Sewer Use Ordinance prior to discharge or delivery to the County's wastewater system.

5.3 Company shall be solely responsible, at its sole cost, to deliver leachate to the North Branch Wastewater Plant.

5.4 Company shall submit monthly reports to the County showing the quantity of leachate delivered and biological and chemical constituents. Company shall pay the County for the leachate treated at the current industrial sewage treatment rate provided that following the expiration of the period during which sewage sludge is disposed at the Facility free of charge, Company agrees to reimburse County for the annual transportation costs reasonably incurred by County to transport up to 3,500 tons per calendar year of sewage sludge from County-owned wastewater treatment plants to a third party facility, not exceeding $25,000 a year, in exchange for County's agreement that Company can continue to dispose of its leachate at the North Branch Wastewater Plant at the prevailing industrial sewage rates per current practice and pricing as of the Effective Date. Company and County confirm that the current industrial sewer rate paid by Company to County pursuant to the Leachate Treatment Agreement (described in Section 11 of the Leachate Treatment Agreement as the "prevailing commercial customers' rate") is $3.42/1,000 gallons. Such reimbursement shall be made by Company quarterly following receipt of an invoice from County for such transportation costs.

5.5 While the Facility is still accepting solid waste for disposal, the County shall receive free disposal of acceptable sewage sludge at the Facility generated at County-owned wastewater treatment plants in a quantity not to exceed three-thousand five-hundred (3,500) tons per calendar year.

ARTICLE VI
MISCELLANEOUS

6.1 Supersede Other Agreements. This Agreement shall supersede and replace the December 18, 2008 Landfill Agreement between Mountainview Landfill, Inc. and the Board of County Commissioners of Allegany County, Maryland which has been assigned, with the consent of the County to Waste Management of Maryland, Inc..

6.2 Severability. The provisions of this Agreement are severable, and if any of its provisions shall be held invalid, such decision shall not affect the validity and effectiveness of the Agreement's remaining provisions.

6.3 Modifications. No modification, release, discharge, or waiver of any provision hereof shall be of any force or effect unless in writing and signed by authorized representatives of both Parties.

6.4 Assignments. This Agreement may not be assigned by either Party without the prior written consent of the other Party, which may not be unreasonably conditioned, delayed or withheld. This Agreement shall be binding upon and inure to the benefit of the Parties and their respective successors and assigns.

6.5 Governing Laws. This Agreement shall be construed in accordance with the laws of the State of Maryland.

6.6 Notices. Notice of any defect in the performance of this Agreement on the part of either of the Parties or any other notice permitted or required to be given pursuant to this Agreement shall be personally served, or sent by nationally-recognized overnight delivery service or certified mail, return receipt requested, addressed as follows:

Notice to Company will be addressed to:
Mountainview Landfill, Inc.
c/o GFL Environmental
3301 Benson Dr #601, Raleigh, NC 27609
Att: V-P, Post Collections

Notice to County will be addressed to:
Board of County Commissioners of Allegany County
County Office Complex
701 Kelly Road, Suite 407
Cumberland, MD 21502

With copy to:
Director of Public Works
Allegany County, MD
701 Kelly Road, Suite 407

Cumberland, MD 21502

And with a copy to:
Attorney
Allegany County, Maryland
Allegany County Complex
701 Kelly Road
Cumberland, Maryland 21502

6.7 Authorized Signatures. As evidenced by the signatures of the authorized representatives set forth below, the Parties represent and acknowledge that the terms of this Agreement have been reviewed by the necessary corporate and public officers, directors and members, and thereafter approved by County at a public meeting duly convened upon proper notice, and that this Agreement therefore is an enforceable obligation binding upon County and Company.

6.8 No Third-Party Beneficiaries. The Parties do not intend to create any third-party beneficiary rights by or in this Agreement, and they do not intend to invest rights, duties, remedies or obligations in any person or entity unless expressly stated herein.

6.9 General Cooperation. The parties agree to cooperate with one another and provide each other reasonable assistance with regard to all necessary permitting, regulatory, and other approvals and compliance matters, including those from the Maryland Department of the Environment necessary to implement the provisions of this Agreement.

6.10 Force Majeure. The term "Force Majeure Event" shall mean any act or event, whether foreseen or unforeseen, occurring after execution of the Agreement, that is beyond the reasonable control and not the fault of the non-performing Party, that prevents a Party, in whole or in material part, from performing its obligations under the Agreement. Force Majeure Events that satisfy the foregoing requirements may include, but shall not be limited to, unusually severe weather events, floods, fires, earthquakes, volcanic eruptions, landslides, strikes and labor actions, epidemics and pandemics and related emergencies declared by federal and state authorities, changes in applicable local, state or federal laws, rules and regulations, acts of terrorism or the public enemy, acts of war, or other occurrences that cause a temporary or permanent halt to Facility operations. If a Force Majeure Event occurs, the non-performing Party is excused from performing those obligations of the Agreement that are actually prevented by the Force Majeure Event. The non-performing Party shall provide prompt notice to the other Party of the occurrence of the Force Majeure Event. When the non-performing Party is able to resume performance of its obligations under the Agreement, it shall provide prompt notice to that effect to the other Party, and resume performance of its obligations after the notice is provided.

[SIGNATURE PAGE TO FOLLOW]

IN WITNESS WHEREOF, the Parties hereto, intending to be legally bound, have signed this Landfill Agreement by officers duly authorized, as of the date and year first written above.

BOARD OF COUNTY COMMISSIONERS OF ALLEGANY COUNTY, MARYLAND

ATTEST: Paul Kahl
Paul F. Kahl

By: _____
Title: President
Jacob Shade

MOUNTAINVIEW LANDFILL, INC.

ATTEST:
_____

By: _____
Title: President – Patrick Dovigi

Schedule A
Allegany County Operated Public Convenience Ce
at Mountainview Landfill
13300 New Georges Creek Road
Frostburg, MD 21502
exit
entrance
MD 36 New Georges Creek Road
MSW containers
MSW containers
gate
landfill scales
N
Feet
0 25 50 100 150 200
MD 1MAP

Appendix A.2 Leachate Agreement

Original to C Com Off.

SWR-14

LEACHATE WASTE TREATMENT AGREEMENT

This Agreement is made this 22nd day of August, 2003, by and between the Board of County Commissioners of Allegany County, Maryland, organized and existing under the laws of the State of Maryland, and its sewerage operation agent known as the Allegany County Department of Public Works Utilities Division, which have an administrative address of County Office Building, 701 Kelly Road, Cumberland, Maryland 21502, hereinafter referred to as the "County", and Mountainview Landfill, Inc., a corporation organized under the laws of the State of Maryland and wholly owned subsidy of Waste Management, Inc., administrative address of P.O. Box 95, Frostburg, Maryland 21532, hereinafter referred to as "Mountainview Landfill, Inc".

WHEREAS, April 2, 2002, Mountainview Landfill, Inc., was issued a refuse disposal permit, number 2001-WMF-0010, by the Maryland Department of the Environment hereinafter referred to as "MDE", to construct and operate a solid waste landfill, now known as Mountainview Sanitary Landfill, hereinafter referred to as "the Landfill", located in Allegany County; and

WHEREAS, pursuant to the construction and operation of the Landfill, certain amounts of "contact water" and leachate will be generated. For the purposes of the Agreement, "contact water" shall mean the precipitation and other water that has not been absorbed into the waste material such that said water does not exceed the applicable standards of the Federal Clean Water Act, of federal, state or local pretreatment regulations, specifically; the Allegany county Commissioners Code Bill 5-00, hereinafter referred to as "Utility Use Regulations". Such water is generated during the early stages of Landfill operation; and

WHEREAS, Mountainview Landfill, Inc., has requested that treatment and/or disposal of its contact water and leachate from the Landfill be provided by the County under the terms and condition hereinafter set forth; and

WHEREAS, the County has agreed to provide such treatment and/or disposal of all contact water and leachate generated by the Landfill in accordance with County's Utility Use Regulations and the terms and condition of this Agreement; and

WHEREAS, Mountainview Landfill, Inc., has submitted the necessary plans to MDE and has constructed an on-site pretreatment facility at the Landfill.

WHEREFORE, in consideration of ten dollars ($10.00) and other good and valuable consideration, the receipt and sufficiency of which is herby acknowledged, and with the mutual intent to be legally bound hereunder, the parties agree to the following terms and conditions:

I. SEWER EXTENSION

1. Mountainview Landfill, Inc., may, at its expense, extend the existing sewer service connection from its closest sewer line discharge point to the landfill along Route 36 to the Landfill so that the Landfill may directly discharge contact water and leachate into the County's sewer system. The design and construction of said sewer service connection shall be subject to the County's approval.

2.After completion of the construction of said sewer extension, Mountainview Landfill, Inc., shall convey the ownership of the system; including lines, pipes and appurtenances thereto and the operation and maintenance thereof, with the exception of that portion of the system which is on the Landfill property, to the County, under a separate agreement.

3. A sewage flow meter with recorder acceptable to the County shall be installed and maintained in working condition by Mountainview Landfill, Inc., at a point where the sewer extension leaves the Landfill property. This meter shall be checked and calibrated annually at Mountainview Landfill, Inc., expense and its accuracy certified to the County. Inaccuracies greater then 2% shall be sufficient grounds to adjust the charges for the annual flow based on a previous year with accurate flow record.

4. All leachate flow discharged from the Landfill to the sewer extension shell first receive pretreatment plant at the Landfill.

II. CONTACT WATER AND LEACHATE DISCHAGE

5. Mountainview Landfill, Inc., shall construct and maintain a pre-treatment facility consisting of at least two (2) aerated wastewater containment tanks with not less then 1,200,000 gallons capacity at the Landfill.

6. By use of diversion structures and other means, Mountainview Landfill, Inc., shall take measures to minimize the amount of surface water which comes into contact with the municipal solid waste so as to minimize the amount of liquid that must be discharged from the Landfill into the County's system. Discharge of the contact water and/or leachate into the County's sewer system is expected to average up to 70,000 gallons per day. The parties agree to coordinate their respective schedules so as to accommodate capacity limitations at the County's plants as well as Mountainview Landfill, Inc's., need for treatment and/or disposal of it's contact water and leachate. In such coordination of the parties schedules, both parties agree to use their best efforts to anticipate their respective needs on an ongoing basis and provide the other party with as much advance notification as possible of such needs.

7. The parties understand and agree that this is not an exclusive agreement, i.e., Mountainview Landfill, Inc., shall have the right to contract for the disposal of the Landfill's contact water and/or leachate with any other person, party, or entity without liability to the County.

8. Until construction of the sewer connection service has been completed and the same becomes operational, Mountainview Landfill, Inc., shall transport such contact water or leachate by truck, at Mountainview Landfill, Inc., cost, to the County at it's Georges Creek plant located in Barton, Maryland or its Celanese plant located in Cresaptown, Maryland.

III. REPORTING REQUIREMENTS

9. In addition to the requirements specified in Paragraph 4 above, Mountainview Landfill, Inc., shall submit, on a monthly, to the County, a report indicating the nature and concentration of pollutants in the contact water and/or leachate. The required test perimeters for the report is included in Appendix A.

The County reserves the right to request Mountainview Landfill, Inc. to submit additional test results for other priority pollutants, on not greater than a semi-annual basis, should the County determine this information is necessary.

The County shall also have the right to sample and test the contact water and/or leacheate at any time at County expense.

10. Further, Mountainview Landfill will provide the County with a copy of the monthly leachate volume report which is required to be submitted to the MDE pursuant to Special Condition F (2) of Refuse Disposal Permit Number 2001-WMF-0010.

IV. RATES

11. The rate charged by the County for the treatment and disposal of the contact water and/or leachate shall be at the prevailing commercial customers' rate (currently $1.75/1,000 gallons).

Mountainview Landfill, Inc., agrees to pay any additional operation and maintenance costs of County facilities which are demonstrated to be directly and solely attributable to the handling or treatment of leachate or contact water from the Landfill. However, if the effect of such additional operation and maintenance costs are required to benefit the County with respect to its other customers, then the County and/or its customers including Mountainview Landfill, Inc., shall pay such additional costs in proportion to the amount that the County and/or its customers including Mountainview Landfill, Inc., are benefited by such additional costs.

V. SLUDGE DISPOSAL

12. For the duration of this Agreement as provided herein, and any extension(s) thereof, Mountainview Landfill, Inc. agrees, specifically conditioned upon receipt of proper regulatory approval, and only in accordance with all applicable laws and regulations, to dispose of sludge generated by the County for disposal at the Landfill.

13. In order to effectuate the provisions of the previous paragraph, the County shall make all reasonable attempts to acquire from the MDE, Sewage Sludge Division, a sewage utilization permit.

14. Upon approval of the same, and any other permits, approvals, etc. which may be necessary prior to such acceptance, the County in any given year may dispose an average of 2,000 tons/year (166 tons/month) at the Landfill at no cost to the County,

provided however, that the volumes of such sludge disposed at the Landfill is not included within, or otherwise made a part of, the annual volume limitation required by Allegany County upon the Landfill.

15. Mountainview Landfill, Inc., agrees to allow such amount of sludge disposal at no cost to the County in consideration of the acceptance and reasonable discharge and treatment charge assessed against Mountainview Landfill, Inc., for its contact water and/or leachate as previously set forth in this Agreement. Mountainview Landfill, Inc., specifically reserves the right to reasonably modify the provisions of this section a) in concurrence with any increase to the rate in paragraph 9 by the County, of b) if the County of Allegany determines that the amount of sludge disposed of at the Landfill by the County will count against the annual volume limitations imposed upon the Landfill.

VI. INSURANCE

16. Mountainview Landfill, Inc., shall maintain all insurance as required by the MDE with respect to the handling and disposal of leachate; in addition Mountainview Landfill, Inc., shall provide evidence of insurance coverage for comprehensive general liability coverage in the amount of $1,000,000 and workers compensation coverage.

VII. INDEMNIFICATION

17. Mountainview Landfill, Inc., shall indemnify and hold harmless the County and its officers, employees and agents, from and against claims, losses, damages and expenses to the extent of and in proportion to its negligence relating to the disposal of the contact water and/or leachate that results in injury to persons or damage to the property of the County.

VIII. FORCE MAJEURE

18. Neither party shall be liable for failure to perform its obligation hereunder as the result of any event not its fault and beyond its control, including but not limited to acts of God, fire, changes in laws, severe weather of like causes.

IX. TERM OF AGREEMENT, SPECIAL PROVISIONS

19. The duration of this Agreement is for a period of five (5) years from the date of execution hereof, and shall be renewable by Mountainview Landfill, Inc., for successive five (5) years intervals upon mutual consent and written notice to the County thirty (30) days prior to the expiration date.

20. This Agreement shall become null and void if treatment of leachate at the County's plants is not permitted by a requirement of the state or federal government or if significant capital expenditures to modify the treatment plant are required by the state or federal government to permit the County to accept and treat leachate from the landfill. Mountainview Landfill, Inc., shall have the option of paying for such expenditures, i.e. modifications, upgrades or improvements to the County treatment facilities which are directly and solely required as a result of the County's acceptance and treatment of leachate or contact water from the Landfill.

21. This Agreement constitutes the entire understanding between the parties, replacing and amending any prior agreement between the parties, and shall be binding upon the parties hereto, their successors, heirs, representative, and assigns.

IN WITNESS WHEREOF, and intending to by legally bound hereby, the parties hereto have caused these presents to be duly executed the day and year first above written.

ATTEST:

MOUNTAINVIEW LANDFILL, INC.

ATTEST:

BOARD OF COUNTY COMMISSIONERS
OF MARYLAND

Ronald K. Snyder, P.E.
Utilities Division Chief

James J. Stakem
President

COMMONWEALTH OF PENNSYLVANIA

COUNTY OF ALLEGHENY

On _____, before me, the undersigned Notary, personally appeared _____, who acknowledged himself to be the Vice President of _____, a corporation, and that he, as such officer, being authorized to do so, executed the foregoing instrument on behalf of the said corporation and desires that this instrument be recorded.

(SEAL) _____
NOTARY PUBLIC

My Commission Expires: _____
DATE

STATE OF MARYLAND

COUNTY OF ALLEGANY

On August 22, 2003 before me, the undersigned Notary, personally appeared James J. Stakem, who acknowledged himself to be the President of Allegany county Commissioners, and that he, as such official being authorized to do so, executed the foregoing instrument on behalf of the said corporation and desires that this instrument be recorded.

(SEAL) Cathy E. Blank
NOTARY PUBLIC

My Commission Expires: 11/1/03
DATE

STATE OF MARYLAND

COUNTY OF ALLEGANY

On August 29, 2003, before me, the undersigned Notary, personally appeared Kevin Roy, who acknowledged himself to be the District Manager of Mountainview Landfill, Inc., and that he, as such official being authorized to do so, executed the foregoing instrument on behalf of the said corporation and desires that this instrument be recorded.

(SEAL) Alisa L Kaler
NOTARY PUBLIC

My Commission Expires: 2/16/2004
DATE

APPENDIX A

MONTHLY TEST PARAMETERS

pH

Chloride

Specific conductance

Total suspended solids

CBOD – 5 day

COD

Total Organic Carbon

ALLEGANY COUNTY
DEPARTMENT OF PUBLIC WORKS

701 Kelly Road, Suite 300
Cumberland, MD 21502-2803
301-777-5933 FAX 301-777-2001
www.allconet.org

BOARD OF COMMISSIONERS
James J. Stakem, *President*
Robert M. Hutcheson
Barbara B. Roque

Vance C. Ishler
County Administrator
W. Stephen Young, P.E.
Director of Public Works
Kevin T. Beachy, P.E.
County Engineer

TO: Mountainview Landfill, Inc.
P.O. Box 95
Frostburg, MD 21532

DATE: August 26, 2003

RE: Leacheate Wastewater Treatment Agreement

Attention: **Mr. Kevin Roy**

We are enclosing herewith X **Sending under separate cover** ____

the following: Two (2) copies of the Leacheate Wastewater Treatment Agreement.

REMARKS: Please sign both and return the County's copy to me.

Yours truly,

W. Stephen Young, P.E.
Director of Public Works

cc: **File**

ALLEGANY COUNTY
DEPARTMENT OF PUBLIC WORKS

701 Kelly Road, Suite 300
Cumberland, MD 21502-2803
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Director of Public Works
Kevin T. Beachy, P.E.
County Engineer

STAFF REPORT

TO: Vance C. Ishler, County Administrator
FROM: W. Stephen Young, P.E., Director of Public Works
DATE: August 7, 2003
RE: **Leacheate Wastewater Treatment Agreement with Mountainview Landfill, Inc.**

For the Agenda of: August 22, 2003 Public Meeting

---

1. BACKGROUND

Since April 1992, the County and Mountainview Landfill, Inc. (formerly Chambers of Maryland) have had a continuing agreement concerning treatment of landfill leacheate at the County's Georges Creek and Celanese Wastewater Treatment Plants. Both parties now wish to update and re-sign that agreement.

2. ISSUES

A. As in the past, in consideration of this agreement, the County Utilities Division can dispose of up to 2,000 tons/year of dried sewage sludge at the landfill free of charge. This sludge volume does not count against the 125,000 ton/year cap of waste taken in by landfill.

B. Subject to County approval, the Agreement gives Mountainview Landfill, Inc. the right, at their cost, to construct an extension of the Georges Creek sewer system to serve the landfill. This extension would become the property of the County.

3. FINANCIAL IMPACT

The County is paid for the leacheate treated ($1.75/1,000 gallons) and receives free dumping of up to 2,000 tons of dried sewage sludge. This represents about a $85,000 per year income/savings for the County Utilities Division.

4. ALTERNATIVES

Decline to renew the agreement. This would result is a loss of economic value to the County Utilities Division and create greater leacheate disposal costs for Mountainview Landfill, Inc., which would likely be reflected in a higher landfill tipping fee.

5. OTHER CONSIDERATIONS

All leacheate receives pre-treatment prior to hauling to the wastewater plants and must meet the stipulations of the County "Utility Use Regulations". The treatment of leacheate has not had a detrimental impact on the operation of the County's wastewater treatment plants.

6. CONFORMITY TO COUNTY POLICY

This is a continuation of an existing contract which has worked well for both the County and Mountainview Landfill, Inc.

7. RECOMMENDATION

Approve and authorize the President to sign the Leacheate Waste Treatment Agreement with Mountainview Landfill, Inc.

cc: William Rudd
Ronald K. Snyder, P.E.

Steve

MOTION

By motion duly carried of the County Commissioners of Allegany County, Maryland the following action was authorized as part of the Consent Agenda for the August 22, 2003 public meeting:

Authorized the President to sign the Leacheate Waste Treatment Agreement with Mountainview Landfill, Inc.

VOTE: Yes JJS Yes RMH Yes BBR

County Commissioners of Allegany County, Maryland

CERTIFICATION

I, Carol A. Gaffney, Clerk to the County Commissioners of Allegany County, Maryland, hereby certify that the above action of the Commissioners is a part of the formal, written record of the public meeting held on 22nd day of August 2003.

BY Carol A. Gaffney
Carol A. Gaffney, Clerk

S E A L

Dept.: Public Works
Account No.:
Contact: W. Stephen Young, P.E.

MOTION

By motion duly carried of the County Commissioners of Allegany County, Maryland the following action was authorized as part of the **Action/Consent** Agenda for the July 26, 2018 public meeting:

Approved and execute Amendment #3 to the existing Leachate Waste Treatment Agreement with Mountainview Landfill, Inc., extending the agreement until August 1, 2023 and adding additional testing requirements.

VOTE: Yes JCS Yes CVB Yes WRV

County Commissioners of Allegany County, Maryland

CERTIFICATION

I, Brandon S. Butler, County Administrator of Allegany County, Maryland, hereby certify that the above action of the Commissioners is a part of the formal, written record of the public meeting held on the 26th day of July 2018.

BY: _____
Brandon S. Butler, County Administrator

SEAL

Dept: Public Works
Account No:

AMENDMENT #3 TO AGREEMENT

THIS AMENDMENT TO AGREEMENT, made and entered into this 26th day of July 2018 by and between **MOUNTAINVIEW LANDFILL, INC.**, a Maryland Corporation, hereinafter referred to as "Mountainview" and the **BOARD OF COUNTY COMMISSIONERS OF ALLEGANY COUNTY, MARYLAND,** a body corporate and politic of the State of Maryland, hereinafter referred to as "County".

WITNESS:

WHEREAS, the County and Mountainview entered into a Leachate Waste Treatment Agreement dated August 22, 2003, and Amendment #2 to Agreement, dated February 28, 2017, concerning the handling, treatment and disposal of contact water and leachate from Mountainview Landfill in Frostburg, Maryland; and

WHEREAS, the parties wish to again amend the Agreement to extend its term.

NOW THEREFORE, in consideration of the premises and for other good and valuable consideration, the parties hereto, intend to be legally bound and agree as follows:

1. Appendix A – Monthly Test Parameters

   a. Add the following additional test parameters
      1. TKN
      2. Ammonia Nitrogen
      3. Nitrate Nitrogen
      4. Nitrite Nitrogen
      5. Total Phosphorus

2. Section IX: Term of Agreement, Special Provisions, Item 19 is hereby deleted and the following language is substituted.

   19. The duration of this Agreement is until August 1, 2023.

3. That all the other terms and conditions of the Agreement dated August 22, 2003 and as previously amended, with Amendment #2 to Agreement dated February 28, 2013, shall remain in full force and effect.

WHEREFORE, the parties have executed this Agreement the day and year first above written.

WITNESS:

MOUNTAINVIEW LANDFILL, INC.

ATTEST:

Paul F. Kahl, P.E.
Director of Public Works

BOARD OF COUNTY COMMISSIONERS OF ALLEGANY COUNTY, MARYLAND

Brandon S. Butler, Esq.
County Administrator

Appendix A.3 Transfer Station Contract

TRANSFER STATION AGREEMENT
[Western Maryland Transfer Station]

THIS TRANSFER STATION AGREEMENT ("Agreement") is made this 19th day of November, 2020 (the "Effective Date"), by and between **Western Maryland Waste Systems, LLC**, a [limited liability company organized and existing under the laws of the State of Maryland] and a wholly-owned Waste Management subsidiary (hereafter the "Company"), and the **Board of County Commissioners of Allegany County, Maryland**, a body corporate and politic of the State of Maryland (hereafter referred to as the "County") (Company and County each a "Party" and jointly referred to as the "Parties").

WHEREAS, Company owns and operates a properly permitted solid waste transfer station known as the Western Maryland Transfer Station located at 13810 Hazmat Drive, Cumberland, Maryland, located within Allegany County, Maryland (the "Facility"); and

WHEREAS, County believes that the continued operation of the Facility would provide significant and demonstrable benefits to the County, its residents and businesses; and

WHEREAS, the Parties by this Agreement wish to establish certain terms and conditions by which Company will operate the Facility and the Facility will provide certain benefits to the County.

NOW THEREFORE, in consideration of the mutual promises, covenants, agreements and conditions set forth herein, the receipt and sufficiency of which are acknowledged, and intending to be legally bound, the Company and County agree as follows:

ARTICLE I
TERM

The Agreement and all benefits and obligations identified herein shall commence on the Effective Date and continue until December 31, 2035, unless otherwise noted. The Parties by written agreement may extend the Term at any time. The Parties further agree that on or before January 1, 2029, the Parties shall meet and in good faith discuss the potential to extend the Agreement beyond December 31, 2035, based upon business conditions known at that time and upon terms and conditions that must be agreed upon mutually by the Parties.

ARTICLE II
OPERATION OF THE FACILITY AND ACCEPTANCE OF WASTE

2.1 Operation in Compliance with Applicable Law. Company shall operate the Facility in compliance with all applicable federal, state, and local permits, approvals, statutes, laws, rules and regulations, including but not limited to those relating to the protection of the environment. County shall not be liable for any costs, claims, penalties or fees resulting from Company's failure to do so.

2.2 County Authority. County represents that it has the authority to enter into this Agreement and that it has obtained all necessary approvals of this Agreement under all applicable laws, regulations, ordinances, and resolutions, including any public notice or hearing procedures which may be applicable, and agrees that it will designate the Facility in its Solid Waste Plan.

2.3 Disposal Capacity. Company agrees that during the Term of this Agreement it will make available sufficient space at the Facility for the receipt, processing and disposal of all non-hazardous solid waste (hereafter "Acceptable County Waste") consisting of municipal solid waste ("MSW") and construction and demolition debris ("C&D") generated by residents and commercial and industrial establishments within Allegany County, Maryland and which can be disposed of legally at the Facility and consistent with all applicable environmental laws, regulations and permits.

2.4 Out-of-County Waste. Company may accept at the Facility MSW and C&D from outside Allegany County.

2.5 Operating Rules and Rejection of Unacceptable Waste. Company reserves the right to make, amend and enforce reasonable rules and regulations concerning operation of the Facility, including the public Convenience Center areas described in this Agreement hereafter, and any other matters necessary or desirable for the safe, efficient and legal operation of the Facility. The Facility shall have the right to reject any waste from any source that does not conform to applicable permits, approvals, laws, or regulations, or that is hazardous or toxic, even if only part of the waste load is nonconforming. In the event that the Facility detects unacceptable waste being delivered to the Facility, the person(s) or entity(ies) delivering such waste shall be solely responsible for its removal. The Facility shall have the right to refuse to accept deliveries from any person(s) or entity(ies) who knowingly or repeatedly violate the Facility permits and approvals or operating rules.

2.6 Reports. Company shall provide monthly and annual reports to the County showing the type, amount, and origin of waste (both in-County and out-of-County) received for disposal at the Facility.

2.7 County Inspection. County shall have the right to have designated employee(s) enter the Facility premises to observe the Facility's operation. Said observations shall be conducted during normal Facility business hours unless the County gives the Facility notice and good cause for an after-hours observation. County employees shall adhere to all safety guidelines implemented at the Facility, and shall not have the right to direct or otherwise interfere with the Facility's employees and operations.

2.8 Waste Management Landfills as Back-Up. In the event of a condition affecting the Facility or the ability of the County to deliver waste to, or Company to accept waste at, the Facility, or if continued acceptance of an existing waste stream would result in a violation of an environmental law, regulation, or ordinance, Company shall make arrangements to dispose of

Acceptable County Waste at other regional sites operated by Waste Management. Should the cause of the need for back-up disposal facility use be related to conditions caused by Force Majeure or the County, the cost of transportation of County waste to back-up disposal facilities shall be borne by the County; should the cause of the need for back-up disposal facility use be related to conditions caused by Company, the cost of transportation of County waste to back-up disposal facilities shall be borne by Company.

ARTICLE III
DISPOSAL FEES AND OTHER FEES

3.1 Disposal Fee (Tipping Fee). Upon permanent closure of the Mountainview Landfill, the Disposal Fee charged per ton for solid waste delivered to the Facility shall be determined as follows:

(a) Waste generated within the County. Upon permanent closure of the Mountainview Landfill, the Disposal Fee charged for the acceptance, processing, transportation and disposal of waste generated within Allegany County shall not exceed the following:

- The 2020 baseline rate for the Disposal Fee as of the Effective Date of this Agreement shall be: MSW $52.39; C&D $64.71
- Starting on January 1, 2021, and on January 1 of each calendar year thereafter, the baseline Disposal Fee rates described above shall be increased, but never decreased, in an amount equal to the proportionate year-over-year increase in the Consumer Price Index, All Urban Consumers, US Cities Average, calculated by comparing the most recent November CPI value with the November CPI value from 12 months prior. The CPI shall be modified to eliminate the effects of the price of diesel fuel as a percentage of the CPI because Company may include a fuel charge in addition to the Disposal Fee as discussed in this Agreement hereafter. Company will notify the County of the price increase each year and meet with the County to provide and review necessary details if the County requests such meeting(s).

(b) Out-of-County waste. The Disposal Fee for waste generated out-of-County shall be established by Company but shall not be less than the fees for waste generated within Allegany County.

3.2 Reduced In-County Disposal Fees. In the event the Facility decides to offer a lower than posted Disposal Fee to haulers for waste generated within Allegany County, such reduced rate shall be discussed with and approved by the County prior to its implementation. Such reduced rates will only be considered for high volume haulers.

3.3 Fuel and Environmental Charges. In addition to the Disposal Fees described above, Company may apply fuel and environmental charges according to the standard fuel and

environmental charge programs developed by Company and applied uniformly to like customers.

3.4 Changes in Law. The Parties agree that any fees, charges, costs, or assessments imposed upon the collection and/or disposal of waste that result from a change in federal, state, and local law will also be added to the applicable Disposal Fees described above at the time such changes in law are implemented.

3.5 Recycling Fee. In addition to the Disposal Fees described above, Company shall collect a Recycling Fee of One Dollar and Fifty Cents ($1.50) per ton on each ton of waste generated inside Allegany County that is delivered for disposal to the Facility. The Recycling Fee will be forwarded to the County on a monthly basis with payment for the month by the fifteenth (15th) day of the following month. The Recycling Fee shall not apply to any reduced rate or free disposal of waste tons that the Facility may, from time to time, offer to the County. With each monthly payment, Company shall provide County with a statement that demonstrates the total number of tons of waste disposed of within the Facility during the month for which the payment is being remitted.

3.6 Out-of-County Host Fee. In addition to the Disposal Fees described above, Company shall collect an Out-of-County Host Fee of One Dollar and Thirty-Five Cents ($1.35) per ton on each ton of waste generated from sources outside Allegany County that is delivered for disposal to the Facility. The Out-of-County Host Fees will be forwarded to the County on a monthly basis with payment for the month by the fifteenth (15th) day of the following month. With each monthly payment, Company shall provide County with a statement that demonstrates the total number of out-of-county tons of waste disposed of within the Facility during the month for which the payment is being remitted.

3.7 Periodic Adjustments to Recycling Fee and Out-of-County Host Fee. The County utilizes a third-party hauler to transport for disposal at the Mountainview Landfill the acceptable waste collected at the Mountainview Landfill convenience center, and the sewage sludge generated by the North Branch and Georges Creek WWTPs. According to the most recent hauling contract (for FY 2020 through 2022), the FY22 rate for the waste hauling will be $70.57 per haul, and the FY22 rate for sludge hauling will be $176.43 per haul. These rates shall be considered the baseline rates for hauling.

Upon closure of the Mountainview Landfill, the rates for transportation of the waste from the Mountainview Landfill convenience center to the Facility, and for the sludge from the WWTPs to the Mostoller Landfill through February 1, 2033, will increase. When such increases occur, the Parties agree that the transportation increases will be offset by proportionate adjustments in the Recycling Fee and Out-of-County Host Fees as described herein. Such increases shall be calculated as follows: at the time of the increase, the total number of hauls from the convenience center and from the WWTPs during the trailing twelve month period shall be determined, and the total tonnage of in-County and out-of-County waste received at the Facility during the trailing twelve month period shall be determined. Based upon that data, the fees shall be adjusted. By way of example only:

- New waste rate per haul: $200
- New sludge rate per haul: $350
- Total Mountainview Landfill convenience center hauls trailing 12 months: 800
- Total WWTP hauls trailing 12 months: 140
- Total in-county tons trailing 12 months: 50,000 (55.56% of total)
- Total out-of-county tons trailing 12 months: 40,000 (44.44% of total)
- Projected increased waste hauling cost: $200.00 - $70.57 = $129.43 x 800 = $103,544
- Projected increased sludge hauling cost: $350.00 - $176.43 = $173.57 x 140 = $24,300
- Total projected transportation cost increase: $103,544 + $24,300 = $127,844

- Total projected transportation cost increase allocated to Recycling Fee: $127,844 x .5556 = $71,030
- Adjustment to Recycling Fee: $71,030/50,000 = $1.42 + existing $1.50 fee = New Recycling Fee of $2.92
- Total projected transportation cost increase allocated to Out-of-County Host Fee: $127,844 x .4444 = $56,814
- Adjustment to Out-of-County Host Fee: $56,814/40,000 = $1.42 + existing $1.35 fee = New Out-of-County Host Fee of $2.77

The new Recycling Fee and Out-of-County Host Fee rates shall recalculated each time the hauling rate changes during the term of the waste hauling contract (ordinarily scheduled to occur on July 1 to coincide with the start of the County's new fiscal year), including any time a new contract is awarded for the hauling work, with the last hauling rates in existence at the time of the hauling rate adjustment being used as the baseline rates for the next calculation. Waste Management shall be permitted to bid for any new hauling contract to be awarded by the County.

3.8 No Unilateral Assessment of Fees. County acknowledges and agrees that during the Term of this Agreement, it shall not seek to impose, or actually impose, any new or additional fees, taxes, excises, charges or assessments of any kind, that are based upon the disposal of waste at the Facility, or based upon any activities or independent services provided by Company at the Facility, or associated with the operation of the Facility and its related infrastructure and systems.

ARTICLE IV
ADDITIONAL AGREEMENTS

4.1 Sludge Disposal. Until February 1, 2033, Company shall accept for disposal free of charge at the Mostoller Landfill in Somerset, PA, up to three thousand five hundred (3,500) tons per calendar year (prorated for any partial calendar years) of acceptable waste-water treatment plant sludge from the County-owned waste water treatment plants.

4.2 Acceptance of MSW delivered from County Convenience Centers. The facility shall accept for disposal the delivery by County of roll-off boxes from the public convenience centers. The Facility will provide the County, within five (5) days after the end of each calendar month, with a summary of the total weight and volume of MSW disposal received from the

convenience centers during such month, and the County shall pay Facility for such disposal within twenty (20) days after the end of such month at the current Disposal Fee established at the Facility.

4.3 Public Access to the Transfer Station Facility.

(a) Tipping Floor. Subject to all safety rules and operational guidelines applicable to Facility customers, County residents may cross the Facility scale and deliver acceptable waste for disposal at the Facility in their own vehicles.

(b) Convenience Area. Waste Management hereby grants to the County all right and title to the four (4) roll-off containers in place at the County-operated convenience center area at the Mountainview Landfill as of the Effective Date of this Agreement. If at any time during the Term of this Agreement the public convenience center operated by the County at the Mountainview Landfill ceases to operate, the Parties agree to work in good faith to open a future convenience center area at the Facility, if requested by the County.

(c) Electronic Waste Drop-Off Area. The Facility shall designate an area to receive for disposal or recycling electronic waste items delivered by County residents. The Facility may charge residents for this disposal or recycling.

4.4 Right of First Refusal to Purchase the Facility. If at any time during the Term of this Agreement Company decides to sell the Facility to an unaffiliated third-party entity, or if Company decides to close the Facility permanently at the end of the Agreement's Term, Company hereby grants County a right of first refusal to purchase the Facility at the then-current market price as established by an independent appraiser selected by mutual agreement of the Parties. Company shall provide County no less than three hundred sixty-five (365) days' advance notice of its intention to sell the Facility or close the Facility permanently at the end of the Term so that the Parties may select an independent appraiser to establish a value for the Facility. Within ninety (90) days of the appraised value being established and provided to the Parties, County shall inform Company whether it intends to purchase the Facility at the appraised price. If County elects to purchase the Facility, the Parties shall proceed promptly to arrange for and complete the sale of the Facility to County. If County provides written notice that it elects not to exercise its purchase right, or if County fails to provide notice of its decision within the 90-day period, the right of first refusal shall be deemed waived, and Company can proceed to sell the Facility to another person or entity, or close the Facility permanently at the end of the Term.

ARTICLE V
MISCELLANEOUS

5.1 Supersede Other Agreements. This Agreement shall supersede and replace the December 18, 2008 Landfill Agreement between Mountainview Landfill, Inc. and the Board of County Commissioners of Allegany County, Maryland. This Agreement also shall supersede and replace any agreements between the County and any affiliate of Advanced Disposal Services with respect to the operation of the Facility; to the extent such previous agreements exist they

shall be deemed terminated and replaced immediately upon execution of this Agreement.

5.2 Severability. The provisions of this Agreement are severable, and if any of its provisions shall be held invalid, such decision shall not affect the validity and effectiveness of the Agreement's remaining provisions.

5.3 Modifications. No modification, release, discharge, or waiver of any provision hereof shall be of any force or effect unless in writing and signed by authorized representatives of both Parties.

5.4 Assignments. Subject to the County's right of first refusal to purchase the Facility as described elsewhere in this Agreement, this Agreement may not be assigned by either Party without the prior written consent of the other Party, which may not be unreasonably conditioned, delayed or withheld. This Agreement shall be binding upon and inure to the benefit of the Parties and their respective successors and assigns.

5.5 Governing Laws. This Agreement shall be construed in accordance with the laws of the State of Maryland.

5.6 Notices. Notice of any defect in the performance of this Agreement on the part of either of the Parties shall be personally served, or sent by nationally-recognized overnight delivery service or certified mail, return receipt requested, addressed as follows:

Notice to Company will be addressed to:
Western Maryland Transfer Station
13810 Hazmat Drive
Cumberland, MD 21502
Attention District Manager

With copy to:
Waste Management Legal Department
Attention: General Counsel
100 Brandywine Boulevard, Suite 300
Newtown, PA 18940

Notice to County will be addressed to:
Board of County Commissioners of Allegany County
County Office Complex
701 Kelly Road, Suite 407
Cumberland, MD 21502

With copies to:
Director of Public Works
Allegany County, MD
701 Kelly Road, Suite 300
Cumberland, MD 21502

-and-

Attorney
Allegany County, MD
County Office Complex
701 Kelly Road
Cumberland, Maryland 21502

5.7 Authorized Signatures. As evidenced by the signatures of the authorized representatives set forth below, the Parties represent and acknowledge that the terms of this Agreement have been reviewed by the necessary corporate and public officers, directors and members, and thereafter approved by County at a public meeting duly convened upon proper notice, and that this Agreement therefore is an enforceable obligation binding upon County and Company.

5.8 No Third-Party Beneficiaries. The Parties do not intend to create any third-party beneficiary rights by or in this Agreement, and they do not intend to invest rights, duties, remedies or obligations in any person or entity unless expressly stated herein.

5.9 General Cooperation. The parties agree to cooperate with one another and provide each other reasonable assistance with regard to all necessary permitting, regulatory, and other approvals and compliance matters, including those from the Maryland Department of the Environment necessary to implement the provisions of this Agreement.

5.10 Force Majeure. The term "Force Majeure Event" shall mean any act or event, whether foreseen or unforeseen, occurring after execution of the Agreement, that is beyond the reasonable control and not the fault of the non-performing Party, that prevents a Party, in whole or in material part, from performing its obligations under the Agreement. Force Majeure Events that satisfy the foregoing requirements may include, but shall not be limited to, unusually severe weather events, floods, fires, earthquakes, volcanic eruptions, landslides, strikes and labor actions, epidemics and pandemics and related emergencies declared by federal and state authorities, changes in applicable local, state or federal laws, rules and regulations, acts of terrorism or the public enemy, acts of war, or other occurrences that cause a temporary or permanent halt to Facility operations. If a Force Majeure Event occurs, the non-performing Party is excused from performing those obligations of the Agreement that are actually prevented by the Force Majeure Event. The non-performing Party shall provide prompt notice to the other Party of the occurrence of the Force Majeure Event. When the non-performing Party is able to resume performance of its obligations under the Agreement, it shall provide prompt notice to that effect to the other Party, and resume performance of its obligations after the notice is provided.

[SIGNATURE PAGE TO FOLLOW]

IN WITNESS WHEREOF, the Parties hereto, intending to be legally bound, have signed this Transfer Station Agreement by officers duly authorized, as of the date and year first written above.

BOARD OF COUNTY COMMISSIONERS OF ALLEGANY COUNTY, MARYLAND

ATTEST:

Paul Kahl

Paul F. Kahl

By: _____

Title: President

Jacob Shade

WESTERN MARYLAND WASTE SYSTEMS, LLC

ATTEST:

Lisa Magee

By: Michael Magee

Title: VP ASST SECRETARY

Appendix A.4 Recycling Contract

AGREEMENT BETWEEN THE BOARD OF COUNTY COMMISSIONERS OF ALLEGANY COUNTY AND PENN-MAR RECYCLING FOR RECOVERY, PROCESSING, REPORTING AND MARKETING RECYCLABLE MATERIALS

THIS AGREEMENT, made this 30th day of April 2015 by and between the Board of County Commissioners of Allegany County, (hereinafter "the County") and Penn-Mar Recycling, LLC, (hereinafter "the Recycler").

1. WHEREAS: The County operates a State-mandated recycling program and on January 9, 2001, issued a Request for Proposal, (hereinafter "RFP"), a copy of which is attached to this Agreement as Exhibit A, for firms to provide recovery, processing, reporting and marketing of recyclable materials collected in Allegany County; and

2. WHEREAS: The Recycler, who were originally known as the independent firms of Miller Quality Recycling and Howell Trucking, Inc. (in 2003, Miller's Quality Recycling purchased Howell Trucking Inc.'s interest and became the sole owner of Penn-Mar Recycling, LLC), responded to the RFP with a February 8, 2001 Proposal, (hereinafter "Proposal"), a copy which is attached to this Agreement as Exhibit B; and

3. WHEREAS: The County and Recycler further defined their understanding of the RFP and Proposal and entered into an Agreement dated June 22, 2001, and in a subsequent agreements dated February 5, 2004, May 10, 2007,January 14, 2010 and July 2014; and

4. WHEREAS: The Recycler entered into a Lease/Purchase agreement with the Board of County Commissioners of Allegany County on October 6th, 2011 to lease real property known as Building 24 and 25 Riverside Industrial Park at 975 Kelly Road, Cumberland, Maryland and has moved their operations from the former Recycling Building (201 Riverside Avenue, Cumberland, MD) to the aforementioned property; and

5. WHEREAS: The parties wish to extend their relationship by entering into a fifth agreement for the Recycler to provide recovery, processing, reporting and marketing of recyclable materials subject to the terms and limitations set forth in this Agreement; and

6. WHEREAS: The Recycler provided notice of his desire to extend the current agreement for up to six (6) additional years (July 1, 2015 to June 30, 2021)to approximately correspond with the terms of his Lease/Purchase Agreement with the County.

NOW THEREFORE, and in consideration of the mutual covenants herein contained be it agreed by and between the parties as follows:

1. PURPOSE OF THIS AGREEMENT

The purpose of this Agreement is to define the duties and the responsibilities of the County and the Recycler relative to the recovery, processing, reporting and marketing of recyclable materials collected in Allegany County and the allocation of costs associated with same.

This Agreement shall supersede and replace the May 10, 2007 Agreement between the parties.

2. DEFINITIONS

The following items shall have meaning hereafter set forth for the purpose of this Agreement:

A. Contaminated Materials - dissimilar materials or trash which have been collected along with recyclable materials which must be removed and disposed of as trash.

B. County Baler - the existing vertical baler owned by the County and located in the Recycling Building.

C. Plastic - #1 PET or #2 HPDE plastic bottles & jugs which are collected for recycling.

D. Drop Boxes - the compartmentized metal containers which the County leases or owns and are used to collect recyclable materials throughout Allegany County and deliver said materials to the Recycling Building.

E. Electronics - Electronic devices including but not limited to: Televisions, Computers, Computer Monitors, Computer Peripherals, Printers, Radios, VCR/DVD Players, Phones, Cellular Phones, Fluorescent light bulbs (tube and CFL type), and batteries.

F. Magazines - miscellaneous forms and sizes of glossy paged magazines which are collected for recycling purposes.

G. Marketing - the process whereby the Recycler seeks out, contracts with and delivers for a price or payment, processed recyclable materials to licensed, end user firms for reuse.

H. Mixed Cans - aluminum and bi-metal cans which are collected separately or jointly for recycling purposes.

I. OCC/paperboard - old cardboard containers and paperboard which is collected for recycling purposes.

J. ONP - standard newsprint and newspaper inserts which are collected for recycling and processed into ONP Grade No. 8 for marketing purposes.

K. Office Paper - loose or shredded bond, writing, or computer paper; envelopes; folders and drawings which are collected for recycling purposes.

L. Processing - the acts of sorting, baling, compacting or otherwise transforming the accumulated recyclable materials into a marketable form.

M. Recovery - the acceptance and storage of recyclable materials delivered to the Recycler either by the County, its contractors or general public.

N. Recyclable Materials - ONP, OCC/paperboard, mixed cans, separated glass, white goods, office paper, magazines, telephone books, and #1 & #2 plastic bottles and jugs as defined herein as well as any future recyclable materials the County and Recycler may agree to make part of this Agreement.

O. Recycler - Penn-Mar Recycling, LLC, owned by Kimberly S. and Steven D. Miller with a business address of 975 Kelly Road, Cumberland, Maryland.

P. Recycling Building - Building 24 and 25 Riverside Industrial Park, 975 Kelly Road, Cumberland, MD.

Q. Reporting - formal written monthly reports supplied by the Recycler to the County showing an individual breakdown of the tonnage of each type of recyclable

material processed, the compensation to be received from the end user for each and the compensation due to the County from the Recycler or vice versa.

R. Separated Glass - clear, brown and/or green glass which is collected in separate bin containers for recycling purposes.

S. Telephone Books - standard printed telephone books which are collected for recycling purposes.

T. White Goods - household appliances (such as stoves, refrigerators, air conditioners, dryers, washers, dehumidifiers, etc.) which are collected for recycling purposes.

U. School Office Paper - loose or shredded bond, writing, or computer paper; envelopes; folders and drawings which are collected for recycling purposes from Allegany County schools.

3. DUTIES AND RESPONSIBILITIES OF THE COUNTY

The County agrees to accept and comply with the following duties and responsibilities:

A. Permit the Recycler to use, operate and maintain the County Baler.

B. Arrange and pay for the delivery of drop boxes to the Recycling Building.

C. Provide payment of all funds due to the Recycler for each month within thirty (30) days of receiving the recycling report for that month.

4. DUTIES AND RESPONSIBILITIES OF THE RECYCLER

The Recycler agrees to accept and comply with the following duties and responsibilities:

A. Provide all labor, materials and equipment necessary for the recovery, processing, marketing and reporting of recyclable materials as set forth in the RFP, Proposal and Correspondence, and as previously defined and described. Specifically, those recyclable materials covered under this Agreement include:

(1) ONP
(2) OCC/paperboard
(3) Mixed Cans
(4) #1 & #2 Plastic Bottles and Jugs
(5) White Goods
(6) Office Paper
(7) Magazines
(8) Electronics

B. Operate and maintain the Recycling Building and associated site in a manner which is pest free, neat, clean, sanitary and generally not considered to create a nuisance by the County, neighboring businesses or general public.

C. Establish and post regular operating hours, subject to County approval, for:

(1) public access to the Recycling Building for drop-off of recyclable materials (not less than 40 hours per week).

(2) special times to purchase aluminum cans.

(3) other special collections which may be implemented.

County approval will not be unreasonably denied.

D. Provide the following insurance coverage on the Recycling Building and contents and Recycler's employees with copies of same provided to the County:

(1) liability insurance for damage claims through public use of, or arising out of accidents occurring in or around the Recycling Building of:

(a) a minimum of One Million Dollars ($1,000,000) for bodily injury each occurrence and aggregate, and

(b) a minimum of Three Hundred Thousand Dollars ($300,000) for property damage, each occurrence and aggregate

(2) Workers Compensation coverage as required by law.

E. Operate the Recycling Building and associated facilities in accordance with all Federal, State and local laws and regulations which may pertain to the fulfillment of the terms of the Agreement and in a manner which does not detrimentally affect the

operation of other activities in the Riverside Industrial Park.

F. Apply for and/or pay all applicable permits, taxes, license or other fees associated with fulfillment of the terms of this Agreement.

G. Maintain the County Baler as long as it is used by the Recycler.

H. Dispose of up to six cubic yards per week of Contaminated Materials at no cost to the County.

I. Provide on-site personnel during periods when the Recycling Building is open to the public. Insure the Recycling Building is locked and secured during non-operating hours.

J. Allow reasonable and timely access to the Recycling Building for the County, its employees, its contractors and the public for delivery and off-loading of recyclable materials.

K. Provide to the County, complete, thorough and timely, monthly recycling reports of recyclables processed and funds due either the County or the Recycler within thirty (30) days of the end of each month.

L. Provide payment of all funds due the County for each month within thirty (30) days of the end of that month.

M. The recycler shall provide a roll-off style container for the collection of residential white goods from Allegany County residents. All costs associated with processing of white goods including but not limited to provision of a suitable container, removal of refrigerants or hazardous materials in accordance with applicable regulations (e.g. 40 CFR part 82, Subpart F), labor to load the container, and hauling shall be at the recycler's expense. White goods shall not be stored on the site outside of the container for longer than two business days.

N. The recycler may charge fees for the handling, collection and disposal of electronics. Electronics shall be transported to and processed by an appropriately permitted and certified Electronics Recycler. The Electronics Recycler utilized by the

Recycler shall be subject to the approval of the County. Approval of Electronics Recycler shall not be unreasonably withheld by the County.

5. PAYMENTS BY THE COUNTY TO THE RECYCLER

A. The County shall compensate the Recycler the difference between a processing fee of $54.00 per ton for FY 2016 and any lesser price the Recycler shall receive by marketing of the following recyclable materials:

(1) ONP (No. 8 Grade)
(2) Mixed Cans
(3) #1 & #2 Plastic Bottles and Jugs
(4) School Office Paper Collection

B. Compensation for future years shall be negotiated between the parties on an annual basis to reflect market cost fluctuation.

6. PAYMENTS BY THE RECYCLER TO THE COUNTY

A. The Recycler shall compensate the County at a rate of one-half (50%) of the price received in excess of the basic processing fee of $54.00 per ton for FY 2016 the Recycler shall receive by marketing the following recyclable materials:

(1) ONP (No. 8 Grade)
(2) Mixed Cans
(3) #1 & #2 Plastic Bottles and Jugs
(4) School Office Paper Collection
(5) OCC/paperboard delivered to the Penn-Mar Recycling Center by County staff including the Department of Public Works and the Allegany County Board of Education.

B. Compensation for future years shall be negotiated between the parties on an annual basis to reflect market cost fluctuation.

7. OTHER COSTS AND PAYMENTS

A. The County shall neither pay nor be compensated for the recovery, processing, reporting or marketing of the following recyclable materials:

(1) OCC/paperboard delivered to the Penn Mar Recycling Center by the public
(2) Separated Glass
(3) Office Paper
(4) Magazines
(5) Telephone Books
(6) White Goods
(7) Electronics

B. The Recycler agrees that should the volume of any recyclable materials increase significantly, thereby lowering the basic per ton processing fees stated previously for that recyclable material, the Recycler will lower the basic processing fee to the County for that recyclable material.

C. The Recycler agrees to consider the addition of other recyclable materials and services to this Agreement at the request of the County. Should such other recyclable materials be added to this Agreement in the future, the parties agree to negotiate a basic processing fee on which payments to the County and/or Recycler will be computed. Possible additions currently under consideration are hauling glass to a recycler and fluorescent bulb recycling.

D. The Recycler shall pay for other utility services (e.g. water, sewer, gas, electric) which may be installed in the Recycling Building for the benefit of the Recycler during the term of this Agreement.

8. TERM

A. This Agreement shall become effective on July 1, 2015 and extend through June 30, 2016. The Agreement shall be renewable on a year-to-year basis if agreed upon by the parties.

B. The Recycler must submit a written request to extend this Agreement to the County no later than December 31 of the year preceding the start of the next fiscal year.

C. Upon receipt of request to extend the Agreement, the County shall negotiate with the Recycler and indicate whether it is willing to extend the Agreement by March 1 of the succeeding year. Extension of the Agreement shall not be unreasonably denied.

D. This Agreement shall not extend beyond June 30, 2021.

9. DEFAULT/PENALTIES

Should the Recycler default on any of the terms of this Agreement, it shall be subject to payment of the following penalties to the County:

A. Reimbursement of the cost of all labor, equipment, materials or services incurred by the County in excess of those which the County would have normally expected to incur under the terms of this Agreement for recovery, processing, reporting and marketing of recyclable materials for a period until: (1) the default is remedied; (2) six (6) months from the date of default; or (3) the County secures an Agreement with another recycler, whichever is less.

B. A late payment penalty of one percent (1%) per month shall be assessed and paid by the Recycler to the County for all payments which are more than thirty (30) days overdue from the end of the month for which the payment is based.

C. Should the Recycler fail to keep the Recycling Building and associated site in neat, clean and non-nuisance manner as set forth in Section 4B of this Agreement, the County shall have the right, after written notice to the Recycler, to have the area exterminated, cleaned and/or sanitized with the cost of same being deducted from any funds due the Recycler.

10. FORCE MAJEURE

Neither party shall be considered to be in default with respect to any obligations under this contract by reason of uncontrollable forces. The term "uncontrollable forces" being deemed, for the purposes of this contract, to mean any cause beyond the control of the party affected, including but not limited to flood, earthquake, storm lightning, fire, epidemic, war, riot, civil disturbance, labor disturbance, sabotage, and restraint by a court of public authority, which, by exercise of due diligence and foresight, such party could not reasonably have been expected to avoid. Either party rendered unable to fulfill any obligations by reason of uncontrollable forces shall exercise due diligence to remove such inability with all reasonable dispatch.

11. MISCELLANEOUS

A. It is recognized that this Agreement involves the handling of used materials and that appropriate precautions will be taken to protect workers, visitors, area homes and businesses and the environment. Both parties agree to promptly notify each other in the event they encounter problems or difficulties affecting its performance under the terms of this Agreement. Each party also agrees to take appropriate action to resolve such problems as quickly and as reasonably as possible.

B. Each party will provide all licenses, easements and rights-of-way reasonably necessary to implement the purposes of this Agreement.

C. Each party will provide all reasonable cooperation and execute all documents as may be reasonably required and use all reasonable diligence to fully consummate and carry out the purposes of this Agreement.

D. This Agreement shall be governed by and interpreted in accordance with the laws of the State of Maryland.

E. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns provided, however, that neither party will assign this Agreement without the prior written consent of the opposite party.

F. Official notices or communications pursuant to this Agreement shall be sent to the respective parties by first class mail at the following address:

County Commissioners of Allegany County
701 Kelly Road
Cumberland, Maryland 21502
Attn: County Administrator

Penn-Mar Recycling, LLC
Attn: Kim and Steve Miller
167 Warmuth Lane
Bedford, PA 15522

In addition, each party designates the following person as its representative for the purposes of coordination and communications pursuant to this Agreement. Copies of all notices pursuant to this Agreement shall also be sent to the designated representatives at the following addresses:

For County Commissioners of Allegany County
Recycling Coordinator
Allegany County Department of Public Works
County Office Complex
701 Kelly Road
Cumberland, Maryland 21502

For Penn-Mar Recycling, LLC
Mr. Steven Miller
167 Warmuth Lane
Bedford, PA 15522

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their respective representatives hereunder duly authorized, all of the day and year first above written.

BOARD OF COUNTY COMMISSIONERS OF ALLEGANY COUNTY

WITNESS

William R. Valentine, PRESIDENT

Creade V. Brodie, COMMISSIONER

Jacob C. Shade, COMMISSIONER

PENN-MAR RECYCLING, LLC

WITNESS

KIMBERLY S. MILLER

WITNESS

STEVEN D. MILLER

ALLEGANY COUNTY
DEPARTMENT OF PUBLIC WORKS

701 Kelly Road, Suite 300
Cumberland, MD 21502
301-777-5933 FAX 301-777-2001
www.gov.allconet.org

BOARD OF COUNTY COMMISSIONERS
Jacob C. Shade, *President*
Creade V. Brodie, Jr.
William R. Valentine

David A. Eberly
County Administrator
Paul F. Kahl, P.E.
Director of Public Works
Adam Patterson, P.E.
County Engineer

February 17, 2016

Steven D. Miller
Penn-Mar Recycling, LLC
167 Warmuth Lane
Bedford, PA 15522

Re: Extend Recycling Contract July 1, 2016- June 30, 2017

Dear Kimberly and Steven Miller:

In reference to the Agreement between the BOARD OF COUNTY COMMISSIONERS OF ALLEGANY COUNTY AND PENN-MAR RECYCLING FOR RECOVERY, PROCESSING, REPORTING, AND MARKING RECYCLABLE MATERIALS dated April 30, 2015, the term which is due to expire June 30, 2016.

As per page eight, Penn-Mar Recycling LLC requested to extend the contract for another year from July 1, 2016 through June 30, 2017, in a letter dated January 19, 2016.

Allegany County accepts to extend the Agreement under its current terms and processing fee. We appreciate the extension ensuring no disruption to this service.

If you have any questions, please do not hesitate to contact me.

Regards,

Siera Wigfield
Planner
Allegany County

Cc: David Eberly, County Administrator
Paul Kahl, Director of Public Works
Steve Young

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Paul F. Kahl, P.E.
Director of Public Works
Adam Patterson, P.E.
County Engineer

February 24, 2017

Steven D. Miller
Penn-Mar Recycling, LLC
167 Warmuth Lane
Bedford, PA 15522

Re: Extend Recycling Contract July 1, 2017- June 30, 2018

Dear Kimberly and Steven Miller:

In reference to the Agreement between the BOARD OF COUNTY COMMISSIONERS OF ALLEGANY COUNTY AND PENN-MAR RECYCLING FOR RECOVERY, PROCESSING, REPORTING, AND MARKING RECYCLABLE MATERIALS dated April 30, 2015, the term which is due to expire June 30, 2017.

As per page eight, Penn-Mar Recycling LLC requested to extend the contract for another year from July 1, 2017through June 30, 2018, in a letter dated December 30, 2016.

On February 3, 2017 Penn-Mar and Allegany County Public Works staff met to negotiate the processing fee increase. And on February 23, 2017 the Board of County Commissioners of Allegany County Approved to extend the contract for the period July 1, 2017through June 30, 2018, increasing the processing fee from $54.00/ton to $58.00/ton.

Allegany County accepts to extend the Agreement under its current terms and increased processing fee. We appreciate the extension ensuring no disruption to this service.

If you have any questions, please do not hesitate to contact me.

Regards,

Siera Wigfield

Siera Wigfield
Planner
Allegany County

Cc: David Eberly, County Administrator
Paul Kahl, Director of Public Works
Steve Young

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David A. Eberly
County Administrator
Paul F. Kahl, P.E.
Director of Public Works
Adam Patterson, P.E.
County Engineer

January 5, 2018

Steven D. Miller
Penn-Mar Recycling, LLC
167 Warmuth Lane
Bedford, PA 15522

Re: Extend Recycling Contract July 1, 2018- June 30, 2019

Dear Kimberly and Steven Miller:

In reference to the Agreement between the BOARD OF COUNTY COMMISSIONERS OF ALLEGANY COUNTY AND PENN-MAR RECYCLING FOR RECOVERY, PROCESSING, REPORTING, AND MARKING RECYCLABLE MATERIALS dated April 30, 2015, the term which is due to expire June 30, 2017.

As per page eight, Penn-Mar Recycling LLC requested to extend the contract for another year from July 1, 2018 through June 30, 2019, in a letter dated November 13, 2017.

On January 4, 2018 the Board of County Commissioners of Allegany County Approved to extend the contract for the period July 1, 2018 through June 30, 2019.

Allegany County accepts to extend the Agreement under its current terms. We appreciate the extension ensuring no disruption to this service.

If you have any questions, please do not hesitate to contact me.

Regards,

Siera Wigfield
Planner
Allegany County

Cc: David Eberly, County Administrator
Paul Kahl, Director of Public Works
Steve Young

ALLEGANY COUNTY
DEPARTMENT OF PUBLIC WORKS

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BOARD OF COUNTY COMMISSIONERS
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William R. Valentine

Brandon S. Bulter
County Administrator
Paul F. Kahl, P.E.
Director of Public Works
Adam Patterson, P.E.
Deputy Director

November 30, 2018

Steven D. Miller
Penn-Mar Recycling, LLC
167 Warmuth Lane
Bedford, PA 15522

Re: Extend Recycling Contract July 1, 2019- June 30, 2020

Dear Kimberly and Steven Miller:

In reference to the Agreement between the BOARD OF COUNTY COMMISSIONERS OF ALLEGANY COUNTY AND PENN-MAR RECYCLING FOR RECOVERY, PROCESSING, REPORTING, AND MARKING RECYCLABLE MATERIALS dated April 30, 2015, the term which is due to expire June 30, 2019.

As per page eight, Penn-Mar Recycling LLC requested to extend the contract for another year from July 1, 2019 through June 30, 2020, in a letter dated November 19, 2018.

On November 29, 2018 the Board of County Commissioners of Allegany County Approved to extend the contract for the period July 1, 2019 through June 30, 2020.

Allegany County accepts to extend the Agreement under its current terms. We appreciate the extension ensuring no disruption to this service.

If you have any questions, please do not hesitate to contact me.

Regards,

Siera Wigfield

Siera Wigfield
Planner
Allegany County

Cc: David Eberly, County Administrator
Paul Kahl, Director of Public Works
Steve Young

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DEPARTMENT OF PUBLIC WORKS

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Creade V. Brodie, Jr.
David J. Caporale

Brandon S. Butler
County Administrator
Paul F. Kahl, P.E.
Director of Public Works
Adam Patterson, P.E.
Deputy Director

January 22, 2020

Steven D. Miller
Penn-Mar Recycling, LLC
167 Warmuth Lane
Bedford, PA 15522

Re: Extend Recycling Contract July 1, 2020- June 30, 2021

Dear Kimberly and Steven Miller:

In reference to the Agreement between the BOARD OF COUNTY COMMISSIONERS OF ALLEGANY COUNTY AND PENN-MAR RECYCLING FOR RECOVERY, PROCESSING, REPORTING, AND MARKING RECYCLABLE MATERIALS dated April 30, 2015, the term which is due to expire June 30, 2020.

As per page eight, Penn-Mar Recycling LLC requested to extend the contract for another year from July 1, 2020 through June 30, 2021, in a letter dated December 30, 2019.

On January 16, 2020 the Board of County Commissioners of Allegany County Approved to extend the contract for the period July 1, 2020 through June 30, 2021.

Allegany County accepts to extend the Agreement under its current terms. We appreciate the extension ensuring no disruption to this service.

If you have any questions, please do not hesitate to contact me.

Regards,

Siera Wigfield

Siera Wigfield
Planner
Allegany County

Cc: Brandon Butler, County Administrator
Paul Kahl, Director of Public Works
Steve Young

Appendix B Laws and Regulations on Solid Waste
Appendix B.1 Summary of Federal Statutes

The following information was adapted from the Carroll County, Maryland Solid Waste Management Plan. The use of this material is both acknowledged and appreciated.

Summary of Federal Statues affecting Solid Waste Management (General)

Resource Conservation and Recovery Act (RCRA):

A primary objective of RCRA is promotion of recycling and reuse of recoverable materials. RCRA also provides guidelines for environmentally sound handling and disposal of both hazardous and nonhazardous solid waste. Subtitle D of RCRA specifies criteria for Municipal Solid Waste landfills.

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), or Superfund:

CERCLA establishes programs for the identification and remediation of waste disposal sites containing hazardous substances; establishes standards for clean-up efforts and disposal of wastes and provides a mechanism for assigning liability for contaminated sites.

Clean Water Act (CWA):

Section 402 of the CWA establishes the National Pollutant Discharge Elimination System (NPDES) program which regulates effluent limitations for the discharge of wastewater and runoff from solid waste management facilities into bodies of water. The construction of facilities which may impact waters of the United States is regulated by Section 404 which is administered by the US Army Corps of Engineers. Section 405 addresses the disposal of wastewater treatment sludge.

Clean Air Act (CAA):

The CAA regulates emissions from landfill gas management systems and combustion facilities. Landfill operators must comply with the requirements of the state implementation plan established under section 110.

Safe Drinking Water Act (SDWA):

The SDWA establishes maximum contaminant levels (MCLs) for parameters included in groundwater monitoring programs.

Federal Emergency Management Act:

The Federal Emergency Management Act prohibits the siting of solid waste facilities within the 100-year floodplain.

Endangered Species Act (ESA):

The ESA prohibits construction or operation of facilities that would result in the "taking' of an endangered or threatened wildlife species, or in the destruction of their critical habitat.

Appendix B.2 Summary of Federal Regulations

Summary of applicable Federal Regulations (CFR, Title 40, Chapter I, Subchapter I)

Part 258: Criteria for Municipal Solid Waste Landfills (Subtitle D Regulations)

Establishes minimum national criteria for the design and operation of municipal solid waste landfills. Includes location restrictions, operating criteria, design criteria, groundwater monitoring and corrective action, closure and post-closure care, and financial assurance criteria. Design standards apply only to new landfills and lateral expansions of existing facilities.

Part 260: Hazardous Waste Management System – General

Provides definitions of terms and a general overview of parts 260 through 265.

Part 261: Identification and Listing of Hazardous Waste

Provides identification of those materials which are subject to regulation as hazardous wastes under Parts 270, 271, and 124.

Part 262: Standards Applicable to Generators of Hazardous Waste

Establishes standards for generators of hazardous wastes including EPA identification numbers, manifest, pre-transportation requirements, record-keeping, and reporting.

Part 263: Standards Applicable to Transporters of Hazardous Waste

Establishes regulations for transporters of materials requiring a manifest as defined in Part 262.

Part 264: Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities

Establishes minimum national standards for the management of hazardous waste.

Part 265: Interim Status Standards for Owners and Operators of hazardous Waste Treatment, Storage and Disposal Facilities.

Establishes minimum national standards that define the management of hazardous waste during the period of interim status and until the certification of post-closure or closure of the facility.

Part 266: Standards for the Management of Specific hazardous Wastes and Specific Types of Hazardous Waste Management Facilities

Establishes minimum national standards for the recyclable materials used in a manner constituting disposal, hazardous waste burned for energy recovery, used oil burned for energy recovery, recyclable material used for precious metal recovery and spent batteries being reclaimed.

Part 268: Land Disposal Restrictions

Identifies a schedule to evaluate listed wastes for prohibition of land disposal and establishment of treatment standards for these wastes.

Part 270: EPA Administered Permit Programs: The Hazardous Waste Permit Program

Application requirements, standard permit conditions, monitoring, and reporting requirements for EPA permitting for the treatment, storage, and disposal of hazardous waste.

Part 271: Requirements for Authorization of State Hazardous Waste Programs

Identifies the requirement that state programs must meet to fulfill interim and final authorization as well as the procedures EPA uses to approve, revise and withdraw approval of state programs.

Part 272: Approved State Hazardous Waste Programs

Establishes the applicable state hazardous waste management programs.

APPENDIX B.3 SUMMARY OF MARYLAND TITLES OF STATUTES

SUMMARY OF MARYLAND LAWS AFFECTING SOLID WASTE MANAGEMENT

- Maryland State Implementation Plan (SIP): Limits emissions from specific pollutant sources to prevent air quality from falling below National Ambient Air Quality Standards (NAAQS).
- Non-tidal Wetland Regulations: Prevents net loss of non-tidal wetlands by establishing a stringent permitting process.
- Chesapeake Bay Critical Area Protection Program (1984): Controls human intervention in the Bay area.
- Maryland Recycling Act (1988): Establishes a requirement for Maryland counties to plan and implement a recycling system by 1994 to reduce a county's waste stream by 15%, or 20%, based upon that county's population.
- Asbestos Control - Asbestos Hazard Emergency Response Act (1990): Deals with asbestos controls and requires completion of a teaming program by those who do asbestos related work within schools.
- Land Clearing Debris Landfills - Amount of Security (1990): Addresses the amount of security required for each acre of land clearing debris landfills.
- Newsprint Recycled Content Act (1991): Regulates newsprint recycling by imposing specified recycling content percentage requirements on the Maryland newspaper industry.
- Telephone Directory Recycling Act (1991): Regulates telephone directory publishers to meet specified recycling content percentage requirements for telephone directories.
- Plastic Material Code (1991): Rigid plastic containers or bottles may not be distributed for sale in the state unless appropriately labeled indicating the plastic resin used to produce them.
- Natural Wood Waste Recycling Facilities (1991): Wood waste recycling facilities must be appropriately permitted and operated, and may accept only NWW.
- Scrap Tire Recycling Act (1991): Regulates the storage of scrap tires, including prohibition against landfill disposal or scrap tires after January 1, 1994.
- Composting Act (1992): Includes composting in the definition of recycling. Requires that county recycling plans address composting issues, and bans yard waste from landfills effective in 1994.
- Mercury Oxide Battery Act (1992): Makes battery manufacturers responsible for collection, transportation, and recycling or disposal of batteries sold or offered for promotional purposes in the state.
- Statewide Computer Recycling Pilot Program (2005): Act establishing statewide Computer Recycling pilot program and computer manufacturer registration fee.
- Sale of Mercury Containing Thermostats (2008): Prohibits sale of mercury containing thermostats by October 2007.
- Maryland Greenhouse Gas Reduction Act (2009): Required the Greenhouse Gas Reduction Plan to have a positive impact on job creation and economic growth in Maryland. The Plan was required to reduce greenhouse gases by 25% by year 2020.
- Public School Plans (2009): An Act requiring a county recycling plan to address the strategy for the collection, processing, marketing, and disposition of recyclable materials from county public schools.
- Fluorescent and Compact Fluorescent Light Recycling (2010): An Act requiring a county recycling plan to address the strategy for the collection and recycling of fluorescent and compact fluorescent lights that contain mercury.
- Recycling – Apartment Buildings and Condominiums (2012): An Act requiring a county recycling plan to address the collection and recycling of recyclable materials from residents of apartments and condominiums that contain 10 or more dwelling units by property owners or managers of apartment buildings and councils of unit owners of condominiums. Also, if applicable, a method for implementing a reporting requirement for recyclable materials generated at apartment buildings and condominiums that contain 10 or more dwelling units.
- Recycling Rate and Waste Diversion-Statewide Goals Act (2012): Requires counties to reduce its solid waste stream through recycling by at least 35% (populations over 150,000) or 20% (population under 150,000), by December 31, 2015.
- Environment – Recycling – Special Events (2014): An Act requiring a county recycling plan to address the collection and recycling of recyclable materials from special events by October 1, 2015.

- Office Building Recycling Plan (2019): An Act requiring the collection of recyclable materials from office buildings that have 150,000 square feet or greater of office space and requiring owners of the office buildings to provide recycling receptacles by October 1, 2021.
- Recycling Rates and Waste Diversion – Statewide Voluntary Goals (2020): The State of Maryland implemented a voluntary waste diversion goal of 60% and a voluntary recycling rate of 55% by 2020.
- Sewage Sludge Application: Land application procedures are strictly regulated to maintain the public health.
- Medical Waste Legislation: Regulates identification, record-keeping, treatment, transport, and disposal of special medical wastes; infectious wastes are prohibited in solid waste landfills in the state.

ANNOTATED CODE OF MARYLAND

- Title 2 - Ambient Air Quality Controls
- Title 5 - Water Management
- Title 6 - Toxic, Carcinogenic, and Flammable Substances
- Title 7 - Hazardous Materials and Hazardous Substances
- Under Title 9 - Water, Ice and Sanitary Facilities; MDE regulates the location, design, and operation of sanitary landfills through refuse disposal permits issued and enforced under authority of the following subtitles and sections of the Environment Article:
- Subtitle 5 County Water and Sewerage Plans
- Subtitle 17 Office of Recycling
- Section 204 Installing, Altering, or Extending Water Supply Systems, Sewerage Systems, or Refuse Disposal Systems
- Section 204.1 Installing, Altering, or Extending Incinerators
- Section 204.2 Installing, Altering, or Extending Landfill Systems
- Section 209 Landfill System Hearings
- Section 210 Prerequisites for Issuance of Permit
- Section 211 Landfills, Incinerators, and Transfer Stations; Requirements for Security
- Section 212 Landfill Systems - Options to Purchase
- Section 212.1 Denial of Permit to Non-government Person
- Section 213 Term of Permit (5 years)
- Section 214 Revoking or Refusal to Renew a Permit
- Section 215 Closure and Cover when Operation Ends
- Section 225 Landfills near Hospital Prohibited (1/2-mile radius)
- Section 226 Certification of Public Necessity Required for Hazardous Waste Landfill System
- Section 227 Infectious Waste in Landfill System Prohibited

Appendix B.4 Summary of Maryland Regulations

COMAR REGULATIONS

- Under Title 08 (Department of Natural Resources), the following sections must be considered in the siting of solid waste management facilities:
  - Subtitle 3, Chapter 8, Threatened and Endangered Species
  - Subtitle 9, Chapters 1-6, Forest Conservation
- Title 26, Subtitle 3, Water Supply, Sewerage, Solid Waste, and Pollution Control Planning and Funding, Chapter 3, Development of County Comprehensive Solid Waste Management Plans: Requires that each county maintain a current solid waste management plan and establishes the format for these plans.
- Title 26, Subtitle 3, Chapter 10, Financial Assistance for the Constructing of Solid Waste Processing and Disposal Facilities: Stipulates the requirements, priority listing criteria, and ranking system for counties to receive financial assistance from the state.
- Title 26, Subtitle 4, Regulation of Water Supply, Sewage Disposal and, Solid Waste, Chapter 7 Solid Waste Management: Regulations for permitting, designing, construction, operating and closing municipal, land clearing debris, rubble, and industrial waste landfills, processing facilities, transfer stations, and incinerators. Other regulations under Title 26 that are important to solid waste management include:
  - Subtitle 4, Chapter 6, Sewage Sludge Management
  - Subtitle 4, Chapter 8, Scrap Tire Regulations
  - Subtitle 4, Chapter 9, Natural Wood Waste Recycling Facilities
  - Subtitle 8, Water Pollution
  - Subtitle 9, Chapter 1, Erosion and Sediment Control
  - Subtitle 9, Chapter 2, Stormwater Management
  - Subtitle 11, Air Quality
  - Subtitle 13, Disposal of Controlled Hazardous Substances
- Title 26, Subtitle 5
- Chapter 3, Construction on Non-tidal Waters and Floodplains
- Chapter 4, Non-tidal Wetlands
- Chapter 7, Wetlands Regulations

Appendix B.5 Maryland Litter Control Laws

2016 Maryland Code Criminal Law
Title 10 - Crimes Against Public Health, Conduct, and Sensibilities
Subtitle 1 - Crimes Against Public Health and Safety
Part I - General Provisions
§ 10-110. Litter Control Law

Universal Citation: MD Crim Law Code § 10-110 (2016)

(a) Definitions. --

(1) In this section the following words have the meanings indicated.

(2) "Bi-county unit" means:

(i) the Maryland-National Capital Park and Planning Commission; or

(ii) the Washington Suburban Sanitary Commission.

(3) "Litter" means all rubbish, waste matter, refuse, garbage, trash, debris, dead animals, or other discarded materials of every kind and description.

(4) "Public or private property" means:

(i) the right-of-way of a road or highway;

(ii) a body of water or watercourse or the shores or beaches of a body of water or watercourse;

(iii) a park;

(iv) a parking facility;

(v) a playground;

(vi) public service company property or transmission line right-of-way;

(vii) a building;

(viii) a refuge or conservation or recreation area;

(ix) residential or farm property; or

(x) timberlands or a forest.

(b) Declaration of intent. -- The General Assembly intends to:

(1) prohibit uniformly throughout the State the improper disposal of litter on public or private property; and

(2) curb the desecration of the beauty of the State and harm to the health, welfare, and safety of its citizens caused by the improper disposal of litter.

(c) Prohibited. -- A person may not:

(1) dispose of litter on a highway or perform an act that violates the State Vehicle Laws regarding disposal of litter, glass, and other prohibited substances on highways; or

(2) dispose or cause or allow the disposal of litter on public or private property unless:

(i) the property is designated by the State, a unit of the State, or a political subdivision of the State for the disposal of litter and the person is authorized by the proper public authority to use the property; or

(ii) the litter is placed into a litter receptacle or container installed on the property.

(d) Presumption of responsibility. -- If two or more individuals are occupying a motor vehicle, boat, airplane, or other conveyance from which litter is disposed in violation of subsection (c) of this section, and it cannot be determined which occupant is the violator:

(1) if present, the owner of the conveyance is presumed to be responsible for the violation; or

(2) if the owner of the conveyance is not present, the operator is presumed to be responsible for the violation.

(e) Property owner not in court. -- Notwithstanding any other law, if the facts of a case in which a person is charged with violating this section are sufficient to prove that the person is responsible for the violation, the owner of the property on which the violation allegedly occurred need not be present at a court proceeding regarding the case.

(f) Penalty. --

(1) A person who violates this section is subject to the penalties provided in this subsection.

(2)

(i) A person who disposes of litter in violation of this section in an amount not exceeding 100 pounds or 27 cubic feet and not for commercial gain is guilty of a misdemeanor and on

conviction is subject to imprisonment not exceeding 30 days or a fine not exceeding $ 1,500 or both.

(ii) A person who disposes of litter in violation of this section in an amount exceeding 100 pounds or 27 cubic feet, but not exceeding 500 pounds or 216 cubic feet, and not for commercial gain is guilty of a misdemeanor and on conviction is subject to imprisonment not exceeding 1 year or a fine not exceeding $ 12,500 or both.

(iii) A person who disposes of litter in violation of this section in an amount exceeding 500 pounds or 216 cubic feet or in any amount for commercial gain is guilty of a misdemeanor and on conviction is subject to imprisonment not exceeding 5 years or a fine not exceeding $ 30,000 or both.

(3) In addition to the penalties provided under paragraph (2) of this subsection, a court may order the violator to:

(i) remove or render harmless the litter disposed of in violation of this section;

(ii) repair or restore any property damaged by, or pay damages for, the disposal of the litter in violation of this section;

(iii) perform public service relating to the removal of litter disposed of in violation of this section or to the restoration of an area polluted by litter disposed of in violation of this section; or

(iv) reimburse the State, county, municipal corporation, or bi-county unit for its costs incurred in removing the litter disposed of in violation of this section.

(4)

(i) If a person is convicted of a violation under this section and the person used a motor vehicle in the commission of the violation, the court shall notify the Motor Vehicle Administration of the violation.

(ii) The Chief Judge of the District Court and the Administrative Office of the Courts, in conjunction with the Motor Vehicle Administration, shall establish uniform procedures for reporting a violation under this paragraph.

(g) Enforcement. -- A law enforcement unit, officer, or official of the State or a political subdivision of the State, or an enforcement unit, officer, or official of a commission of the State, or a political subdivision of the State, shall enforce compliance with this section.

(h) Receptacles to be provided; notice of provisions. -- A unit that supervises State property shall:

(1) establish and maintain receptacles for the disposal of litter at appropriate locations where the public frequents the property;

(2) post signs directing persons to the receptacles and serving notice of the provisions of this section; and

(3) otherwise publicize the availability of litter receptacles and the requirements of this section.

(i) Disposition of fines. --

(1) Fines collected for violations of this section shall be disbursed:

(i) to the county or municipal corporation where the violation occurred; or

(ii) if the bi-county unit is the enforcement unit and the violations occurred on property over which the bi-county unit exercises jurisdiction, to the bi-county unit.

(2) Fines collected shall be used to pay for litter receptacles and posting signs as required by subsection (h) of this section and for other purposes relating to the removal or control of litter.

(j) Authority of local governments. --

(1) The legislative body of a municipal corporation may:

(i) prohibit littering; and

(ii) classify littering as a municipal infraction under Title 6 of the Local Government Article.

(2) The governing bodies of Prince George's County, Calvert County, and Montgomery County may each adopt an ordinance to prohibit littering under this section and, for violations of the ordinance, may impose criminal penalties and civil penalties that do not exceed the criminal penalties and civil penalties specified in subsection (f)(1) through (3) of this section.

(k) Short title. -- This section may be cited as the "Illegal Dumping and Litter Control Law".

Appendix B.6 City of Frostburg Solid Waste Ordinance

Article 5 - MUNICIPAL SOLID WASTE ORDINANCE

Sec. 5-1. - Title.

This article shall be known and may be cited as the "Municipal Solid Waste Ordinance of the City of Frostburg."

(Ord. No. 2010-14, art. IV, § I, 3-17-2011)

Sec. 5-2. - Definitions.

The following words, terms and phrases, when used in this article, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning. When inconsistent with the context, the words used in the present tense include future; words in the plural number include singular number; and words in the singular number include the plural number. The term "shall" is always mandatory and not merely directory.

Allegany County Solid Waste Management means and includes the Solid Waste Management Plan as required by the State and the Solid Waste Management Board as appointed by the Allegany County Commissioners.

Bag means any commercially produced bag, designed for solid waste, regardless of size, and sold as a garbage or trash bag.

Bulk items means materials that are not considered normal household waste such as furniture, construction materials, carpeting, appliances not containing Freon-based refrigerants or any accumulation of solid waste in excess of the limits set forth in this article or not properly prepared for pickup as set forth in this article. The term "bulk items" shall not include any appliances with Freon-based refrigerants, tires, batteries, paint or other chemicals or materials prohibited as set forth in section 5-4.

Commercial waste means and includes materials generated from nonresidential home activities including for-profit businesses and construction waste or materials.

Construction materials means and includes those materials generated by a contractor and/or a homeowner and shall include items such as dry wall, carpet, doors, pipes, kitchen and bathroom fixtures and other wood items.

Dumpster means a commercial container designed for solid waste that is sited on a property and serviced by a private solid waste hauler. For all new construction, dumpsters must be sited within the requirements of section 6.8 of the Zoning Ordinance of the City. For existing structures, siting will be based on a case-by-case determination.

Residential customer means and includes all residential home units including single-family homes and multi-tenant facilities of four (4) units or less.

Solid waste means materials commonly known as garbage, refuse and rubbish that are generated in the normal course of life in a residential home setting and shall not include any commercial waste or construction waste or materials.

(Ord. No. 2010-14, art. IV, § II, 3-17-2011)

Sec. 5-3. - Collections.

The City shall collect the permitted amount and types of solid waste from residential locations once each week. Collection routes shall be planned so that approximately one-third (1/3) of the City will be collected on Tuesday, Wednesday and Thursday, respectively. When a holiday occurs during one (1) of the three (3) collection days, the City shall collect solid waste for that portion of the City on either Monday or Friday. Solid waste may be placed at the curb or other designated location for pickup not before 8:00

p.m. of the night before the set collection day and must be in place by 7:00 a.m. of the set collection day. For any solid waste placed out for collection after the City truck has passed that address will not be collected until the following week and shall be removed from the curb by the property owner or resident, or other designated location.

(Ord. No. 2010-14, art. IV, § III, 3-17-2011)

Sec. 5-4. - Types of solid waste subject to pickup.

The City's solid waste collection services are for residential solid waste materials only and not bulk items, furniture or construction materials. These types of materials may be collected during the City's annual bulk pickup. Any materials or substances listed as prohibited from being placed in a sanitary landfill by State or Federal law or regulation or by the provisions of the Allegany County Solid Waste Management Plan or by the owner and/or operator of the sanitary landfill used for solid waste in Allegany County shall not be collected by the City. Persons knowingly placing such materials out for City collection shall be deemed to be violating the provisions of this article.

(Ord. No. 2010-14, art. IV, § IV, 3-17-2011)

Sec. 5-5. - Bag use mandated.

All solid waste must be properly prepared for pickup by being placed in commercially produced bags, intended for household solid waste, which are securely closed. The bags may be placed in cans to prevent them from being torn open by animals or weather. Loose materials placed in cans will not be collected. One exception to the requirement of commercially produced bags is the use of plastic bags from retail stores or grocery stores. These bags may only be used if they are secured and placed in a can, as they are not designed to be exposed to the weather.

(Ord. No. 2010-14, art. V, § I, 3-17-2011)

Sec. 5-6. - Amount of solid waste.

Each household may set out no more than eight (8) bags of solid waste for the weekly collections. Any bag or can of solid waste shall not exceed forty (40) pounds in total weight. For cans, this shall include the weight of the can. Cans shall not exceed a volume capacity of fifty (50) gallons. Cans that require two (2) workers to lift them shall not be permitted.

(Ord. No. 2010-14, art. IV, § VI, 3-17-2011)

Sec. 5-7. - Multi-tenant buildings.

Any established multi-tenant buildings with five (5) or more units at the same address shall be required to contract with a private hauler for the removal of the solid waste and its collection in a dumpster. The City will work with the owners of properties where dumpsters are not permitted due to either the lack of side or rear yard space or where the private hauler has indicated that it is unable to access the property to set and service a dumpster. On a case-by-case basis, the City may determine that it is not feasible no locate dumpsters at particular properties.

(Ord. No. 2010-14, art. IV, § VII, 3-17-2011)

Sec. 5-8. - Storage of solid waste.

No person shall place any solid waste in any street, alley or other public place within the City unless it is in bags or cans as set forth within the provisions of this article for collection. All solid waste being stored between City collections shall be placed in leak-proof containers as set forth in section 308.3.2 of the International Property Maintenance Code. Stored solid waste may not be visible from the street and shall be placed either in the rear of the property or, when stored on the side, must be screened. No person shall cast, place, sweep or deposit anywhere within the City any solid waste in such a manner that it may be carried or deposited by the elements upon any street, sidewalk, alley, sewer, parkway or other public place, or into any occupied or unoccupied premises in the City. Any unauthorized accumulation of solid waste on any premises is hereby declared to be a nuisance and is prohibited. Failure to remove any existing accumulation shall be deemed a municipal infraction and subject to the penalties provided within the Code.

(Ord. No. 2011-08, art. IV, § VIII, 12-15-2011)

Sec. 5-9. - Recycling, cardboard.

(a) *Recycling.* The Council is committed to the goal of increasing the amount of recycling as part of its ongoing effort to reduce the amount of solid waste generated within the City and/or on a per-household basis. The City shall cooperate with the Allegany County Solid Waste Management Board on the siting and marketing of a recycling location inside the City for all materials, including a dedicated cardboard trailer and a dedicated plastics trailer.

(b) *Cardboard.* It is the City's intent that residents make every effort to recycle cardboard solid waste generated from their homes. However, the City will permit cardboard that is unable to be recycled to be placed in residential cans along with the other bagged solid waste. Larger amounts of this type of cardboard may be placed at the curb along with the bagged solid waste for pickup. However, these larger amounts of cardboard must be broken down into the smallest size possible and securely bundled with rope or tape. These larger bundles will count towards the maximum eight (8)-bag weekly limit.

(Ord. No. 2010-14, art. IV, § IX, 3-17-2011)

Sec. 5-10. - Yard waste.

Yard waste, such as grass clippings, garden materials and leaves may be placed at the curb for pickup on those days and dates approved by the Commissioner of Public Works. No bag or can may exceed fifty (50) gallons or forty (40) pounds. Brush and tree branches must be tied in bundles not longer than six (6) feet in length. Each property is limited to twenty-five (25) bags, cans or bundles per pickup. Special pickups may be arranged for a fee of $50.00. All yard waste collected will be deposited in an operational facility that recycles the yard waste or uses it to produce mulch or other natural materials. Yard waste will not be collected for residents who do not use biodegradable paper yard/garden bags or reusable cans.

(Ord. No. 2010-14, art. IV, § X, 3-17-2011; Ord. No. 2011-04, 5-19-2011; Ord. No. 2015-01, 3-19-2015)

Sec. 5-11. - Bulk pickups.

The City may hold an annual bulk pickup where residents may place out for collection larger amounts of materials. Each residential unit may place out for pickup an amount of materials equal to the volume of a pickup truck bed or the hopper of the City's rear-loaded garbage truck. Materials and items which are not eligible for the bulk pickup include any appliances with Freon-based refrigerants, tires, batteries, paint or other chemicals or materials prohibited as set forth in section 5-4. There shall be no additional fee for the annual bulk pickup, unless the amount set out by a resident exceeds the volume set

forth above. If a residence has more than the amount permitted, a special pickup charge shall be billed to the property owner.

(Ord. No. 2010-14, art. IV, § XI, 3-17-2011)

Sec. 5-12. - Budgeting.

Revenues derived from and expenses incurred for solid waste collection shall be accounted for in a separate fund, addressed in the annual budget for the City as the Garbage Fund. It is the City's policy that the Garbage Fund shall be self-sufficient, with revenues covering operating expenses without financial support from the Corporate Fund. It shall be the policy of the City to maintain budget line item levels into the future in order to provide for future equipment purchases. All quarterly charges and special pickup fees for solid waste collection shall be established in the Schedule of Municipal Fees in the annual budget ordinance.

(Ord. No. 2010-14, art. IV, § XII, 3-17-2011)

Sec. 5-13. - Curbside recycling plan.

(a) *Purpose.* The purpose of this section is to establish a curbside recycling plan and to regulate the services provided by third-party contractors engaged in the business of transporting recyclable materials from residences and businesses to recycling facilities, regardless of whether the contractors are engaged in the actual process of recycling the materials so transported.

(b) *License required.* No person or entity may be engaged in the business of curbside recycling without first obtaining a license from the City, said license being subject to renewal on an annual basis. All applications for such licenses shall be submitted to the City Administrator for approval. Such applications shall be made on forms provided by the City which forms shall:

(1) Require the applicant to produce the information required under subsection (c)(7) and (9) of this section;

(2) Produce certificates of insurance evidencing the coverages and requirements set forth in subsection (c)(15) of this section; and

(3) Include a statement whereby the applicant acknowledges, accepts and agrees to fulfill its obligations under this article.

(c) *Licensees' obligations.* All curbside recycling licensees shall be required to comply with the following terms and provisions:

(1) Licensees shall be responsible for billing their customers directly, without assistance from the City. Invoices for services which have already been provided shall be remitted to customers no less frequently than semi-annually. Licensees requiring payment in advance for services rendered may not require customers to prepay for more than three (3) months of recycling services.

(2) Licensees shall be responsible for providing their customers with containers which shall be used to set out non-paper recyclable materials for pickup. Said containers and, if applicable, paper recyclable containers shall include markings identifying the types of materials that may be deposited therein and shall be labeled with the licensee's name. Licensees may, but are not required to, provide customers with containers for paper recyclables.

(3) In the event a licensee encounters any recyclable materials which are improperly prepared for pickup or commingled with materials other than those which the licensee has agreed to pick up in accordance with the terms of its contract with its customer, the licensee shall not be required to pick up the materials in the subject container. However, the licensee must place a tag or other

notice on the container or the packaging for the unacceptably set out materials advising the customer of the reasons why the materials were not picked up.

(4) After being emptied, recycling containers shall be left in the approximate place where they were found. Containers shall not be placed in front of mailboxes, in streets, on sidewalks, or in any other manner which interferes with traffic or mail delivery service.

(5) Collection services shall be made between the hours of 7:00 a.m. and 4:00 p.m.

(6) Licensees shall coordinate their pickup dates and times so as not to interfere with the City's solid waste pickup.

(7) Each licensee shall be responsible for providing the City with a list of the motor vehicles that the licensee uses for the purpose of providing curbside recycling services in the City. At a minimum, that list shall contain the following information as to each vehicle: vehicle identification number; license plate number; state in which the vehicle is titled; name of the title holder; make; model; and model year. The list shall be updated whenever there are any changes regarding the vehicles used in the provision of the aforesaid services.

(8) All vehicles used by a licensee in the performance of curbside recycling services shall have appropriate safety equipment, including, but not limited to, flashing lights, warning lights and backup alarms. Both sides of all such vehicles shall be prominently labeled with the licensee's name, telephone number and vehicle number.

(9) Each licensee shall be responsible for providing the City with current contact information, including, but not limited to, the address and telephone number of its principal place of business and the name, business telephone number and e-mail address of the individual who is primarily responsible for the provision of curbside recycling services in the City. Said information shall be provided to customers when they contract with a licensee for the provision of curbside recycling services and at such other times, upon request.

(10) Each licensee shall maintain a computerized database containing a complete listing of the names and addresses of all City residents and businesses presently receiving and who formerly received curbside recycling services from that licensee and the inclusive dates said services were provided. Present and former customers shall be separately segregated in the database. Such information shall be provided to the City, from time to time, upon request, but no less frequently than annually.

(11) Each licensee shall maintain a computerized database setting forth the tonnage of materials recycled on a monthly basis. If possible, the database shall include separate amounts for each type of material recycled. Such information shall be provided to the City, from time to time, upon request, but no less frequently than annually.

(12) Each licensee shall comply with any and all Federal, State and local laws and regulations in effect as of the date of licensure or thereafter enacted, which are applicable to the licensee, its employees, agents or subcontractors, if any, with respect to the curbside recycling services provided by that licensee.

(13) Each licensee shall indemnify and hold the City harmless from and against any and all costs, losses, expenses, liabilities, damages, or claims for damage arising out of, as an incident to, or resulting from any curbside recycling services provided by the licensee, its agents, employees, representatives, subcontractors or any combination of the foregoing, including, but not limited to, attorneys' fees, expenses and costs of defending any action, whether on account of any injury (including death) to any person, damage to or destruction of property or for any other reason.

(14) In the performance of curbside recycling services, each licensee shall be an independent contractor and not an agent, servant or employee of the City. Each licensee shall have exclusive control over the details of the service and work performed and over all persons performing such service and work. Each licensee shall be solely responsible for the acts and omissions of its officers, agents, employees, contractors and subcontractors, if any.

(15) Each licensee shall be required to maintain the insurance coverages in the minimum amounts set forth below:

a. Commercial general.

1. General aggregate: $1,000,000.00.

2. Each occurrence: $1,000,000.00.

b. Automotive - for all owned, non-owned, hired and leased vehicles.

1. Each occurrence combined single limit: $1,000,000.00.

2. Bodily injury.

(i) Each person: $1,000,000.00.

(ii) Each accident: $1,000,000.00.

3. Property damage - each occurrence: $1,000,000.00.

c. Workers' compensation.

1. Bodily injury by accident (each accident): $500,000.00.

2. Bodily injury by disease (policy limit): $500,000.00.

3. Bodily injury by disease (each employee): $500,000.00.

Each policy shall include endorsements or similar provisions naming the City as an additional insured and providing the City with no less than fifteen (15) days' advance written notice of cancellation, change or nonrenewal.

(d) *Customers' obligations.* All curbside recycling customers shall be required to comply with the following terms and provisions:

(1) Notwithstanding the terms of section 5-5, paper products shall be set out for pickup in licensee-provided containers or closed paper bags. Alternatively, they may be tightly bound by string.

(2) Curbside recycling customers shall be responsible for complying with the terms and provisions of the other sections of this article in that recyclables are solid waste.

(e) *Revocation/nonrenewal.* In addition to the remedies set forth in section 5-14, the City Administrator shall have the right to revoke or refuse to renew the license of any licensee who repeatedly fails to comply with the terms of this section.

(1) *Notice of revocation/nonrenewal.* The City shall provide advance notice of the revocation or nonrenewal of a license by mailing or hand-delivering a written notice to the licensee which identifies the sanction to be imposed, summarizes the basis for the sanction, provides that the effective date of the imposition of the sanction will be fourteen (14) days from the date of the notice, and advises the licensee of its appeal rights as set forth hereinafter.

(2) *Appeal to Council.* Any licensee aggrieved by the decision of the City Administrator shall be afforded the opportunity to appeal that decision before the Council by delivering written notice of the appeal to the City Administrator no later than fourteen (14) days from the date of the notice of the revocation or nonrenewal. The appeal hearing shall be held at the next regular meeting of the Council, provided the notice of appeal is delivered to the City Administrator no later than ten (10) days prior to that meeting. Otherwise, the appeal hearing shall be held at the next meeting thereafter. In the event an appeal is noted, the proposed sanction will be stayed pending the Council's ruling on the appeal. At the appeal hearing, the City Administrator shall present his or her case and may call witnesses to testify in support thereof. The licensee shall be afforded the opportunity to testify and to call witnesses on its behalf. Witnesses shall be subject to cross-examination. Following the taking of testimony and the consideration of the evidence presented, the Council shall render their decision on the record.

(3) *Appeal to circuit court.* In the event the licensee is aggrieved by the decision of the Council, it may note an appeal to the Circuit Court for Allegany County, Maryland within thirty (30) days of the date of that decision in accordance with the terms of subtitle 2 of title 7 of the Maryland Rules of Procedure.

(Ord. No. 2013-04, art. IV, § XII, 7-18-2013)

Sec. 5-14. - Enforcement.

It shall be the policy of the City to enforce the provisions of this article through the office of the Code Enforcement Inspector, Police Department and Street Department. Any person who violates the provisions of this article shall be guilty of a municipal infraction and shall be subject to the penalties provided in this Code.

(Ord. No. 2010-14, art. IV, § VIII, 3-17-2011; Ord. No. 2013-04, art. IV, § XIII, 7-18-2013)

ORDINANCE NO. 2010 – 14; As Amended

AN ORDINANCE OF THE MAYOR AND CITY COUNCIL OF THE CITY OF FROSTBURG TO AMEND THE CITY CODE OF THE CITY OF FROSTBURG TO PROVIDE FOR MUNICIPAL SOLID WASTE MANAGEMENT

WHEREAS: Article 5, Section 5.02 of the City Charter authorizes the Mayor and Council of the City of Frostburg, " to require, regulate, and/or provide for the collection and removal of filth, garbage, or any matter or thing that is or may become injurious to the health or comfort of the inhabitants of the City of Frostburg, and to provide whether the expense, if any, shall be borne by individual property owners or tenants or shall be paid for in whole or in part by the City"; and

WHEREAS: Article IV of the City Code for the City of Frostburg provides for Municipal Refuse Collection and the Mayor and City Council desire to improve the efficiency of the collection of solid waste and encourage the citizens to increase their efforts at Reduce, Reuse, Recycle and Compost.

NOW, THEREFORE, in consideration of the foregoing, the Mayor and Council of the City of Frostburg do hereby amend the City Code of the City of Frostburg to repeal the Article IV Municipal Refuse Collection; and reenact with amendments and rename Article IV Municipal Solid Waste, as set forth in the following document which is incorporated herein and made a part hereof.

Introduced:	December 16, 2010
Public Hearings:	January 20, 2011
	February 17, 2011
Adopted:	March 17, 2011
Effective:	July 5, 2011

MAYOR AND CITY COUNCIL OF FROSTBURG

BY _____
Arthur T. Bond, Mayor

Attest:

_____
John R. Kirby, Jr.
City Administrator

ARTICLE IV: MUNICIPAL SOLID WASTE

SECTION I

Title: This ordinance shall be known and may be cited as the "Municipal Solid Waste" Ordinance of the City of Frostburg.

SECTION II

Definitions: For the purposes of this Ordinance, the following terms, phases, words and their derivations shall have the meaning given herein. When inconsistent with the context, the words used in the present tense include future; words in the plural number include singular number, and words in the singular number include the plural number. The word "shall" is always mandatory and not merely directory:

Allegany County Solid Waste Management – shall include the Solid Waste Management Plan as required by the State of Maryland and the Solid Waste Management Board as appointed by the Allegany County Commissioners.

Bags – shall mean any commercially produced bag, designed for solid waste, regardless of size and sold as a "garbage or trash" bag.

Bulk Items – Materials that are not considered normal household waste such as furniture, construction materials, carpeting, appliances not containing Freon based refrigerants or any accumulation of "Solid Waste" in excess of the limits set forth in the Ordinance or not properly prepared for pickup as set forth in this Ordinance. The definition of Bulk Items shall not include any appliances with Freon based refrigerants, tires, batteries, paint or other chemicals or materials prohibited as set forth in SECTION IV.

Commercial Waste – shall include materials generated from non-residential home activities including for-profit businesses and construction waste or materials.

Construction Materials – shall include those materials generated by a contractor and/or a homeowner and shall include items such as dry wall, carpet, doors, pipe, kitchen and bathroom fixtures and other wood items.

Dumpster – shall mean a commercial container designed for solid waste that is sited on a property and serviced by a private solid waste hauler. For all new construction, dumpsters must be sited within the requirements of SECTION 320 of the Zoning Ordinance for the City of Frostburg. For existing structures, siting will be based on a case by case determination

Residential Customer – shall include all residential home units including single family homes and multi-tenant facilities of four (4) units or less.

Solid Waste – shall include materials commonly known as garbage, refuse and rubbish that are generated in the normal course of life in a residential home setting and shall not include any commercial waste or construction waste or materials.

SECTION III

Collections: The City shall collect the permitted amount and types of solid waste from residential locations once each week. Collection routes shall be planned so that approximately one third (1/3) of the City will be collected on Tuesday, Wednesday and Thursday. When a Holiday occurs during one of the three collection days, the City shall collect solid waste for that portion of the City on either Monday or Friday. Solid waste may be placed

at the curb or other designated location for pickup not before 8:00 p.m. of the night before the set collection day and must be in place by 7:00 a.m. of the set collection day. For any solid waste placed out for collection after the City truck has passed that address will not be collected until the following week and shall be removed from the curb by the property owner or resident, or other designated location.

SECTION IV

Types of Solid Waste: The City reaffirms that its Solid Waste collection services are for residential solid waste materials only and not bulk items, furniture or construction materials. These types of materials may be collected during the City's Annual Bulk Pickup. Any materials or substances listed as prohibited from being placed in a sanitary landfill by State or Federal law or regulation or by the provisions of the Allegany County Solid Waste Management Plan or by the owner and/or operator of the sanitary landfill used for solid waste in Allegany County shall not be collected by the City of Frostburg. Persons knowingly placing such materials out for City collection may be considered as violating the provisions of this Ordinance.

SECTION V

Bags Mandated: All solid waste must be properly prepared for pick up by being placed in commercially produced bags, intended for household solid waste and be securely closed. The bags may be placed in cans to prevent being torn open by animals or weather. Lose materials placed in cans will not be collected. One exception to the requirement of commercially produced bags is the use of plastic bags from retail stores or grocery stores. These bags may only be used if they are secured and placed in a can as they are not designed to be exposed to the weather.

SECTION VI

Amount of Solid Waste: The maximum amount of solid waste that each household would be permitted to set out for the Weekly Collections would be set ***at*** 8 bags. Any bag or can of solid waste shall not exceed 40 pounds in total weight. For cans, this shall include the weight of the can. Cans shall not exceed a volume capacity of 50 gallons. Cans that require two workers to lift shall not be permitted.

SECTION VII

Multi-Tenant Buildings – Any established multi-tenant buildings with five (5) or more units at the same address shall be required to contract with a private hauler for the removal of the solid waste and its collection in a dumpster. The City will work with each property owner to addresses circumstances where the properties do not permit a dumpster to be located either due to the lack of side or rear yard space or where the private hauler has indicated that they can not access the property to set and service a dumpster. On a case by case basis the City may determine that it is not feasible for a specific property to have a dumpster located on their property.

SECTION VIII

Storage of Solid Waste – No person shall place any solid waste in any street, alley or other public place within the City unless it is in proper containers for collection. All solid waste must be kept on private property in keeping with the provisions of the Property Maintenance Code and the Rental Housing Code. No person shall cast, place, sweep or deposit anywhere within the City any solid waste in such a manner that it may be carried or deposited by the elements upon any street, sidewalk, alley, sewer, parkway or other public place, or into any occupied or unoccupied premise in the City. Any unauthorized accumulation of solid waste on any premises is

hereby declared to be a nuisance and is prohibited. Failure to remove any existing accumulation shall be deemed a Municipal Infraction and subject to the penalties provide within the City Code.

SECTION IX

Recycling – The Mayor and City Council are committed to the goal of increasing the amount of recycling as an ongoing part of the effort to reduce the amount of solid waste generated within the City and/or on a per household basis. The City shall cooperate with the Allegany County Solid Waste Management Board on the siting and marketing of a recycling location inside the City for all materials including a dedicated cardboard trailer and a dedicated plastics trailer.

Cardboard – It is the City's intent that residents make every effort to recycle cardboard from their home solid waste. However the City will permit cardboard that is unable to be recycled to be placed in residential cans along with the other bagged solid waste. Larger amounts of this type of cardboard may be placed at the curb along with the bagged solid waste for pickup. However these larger amounts of cardboard must be broken down into the smallest size possible and securely bundled with rope or tape. These larger bundles will count towards the maximum 8 bag weekly limit.

SECTION X

Yard Waste – The City will assess the use of a dedicated compost site at the Mountain View Landfill for yard waste. Collections shall be done weekly on either Monday or Friday, in season, with additional collection days during October and November. Yard waste, such as grass clippings, garden materials and leaves, must be contained in the same manner as household solid waste. Brush and tree branches must be tied in bundles not longer than six (6) feet in length.

SECTION XI

Bulk Pick Ups – The City may hold an annual Bulk Pick Up where residents may place out for collection larger amounts of materials. Each residential unit may place out for pick up an amount of materials equal to the volume of a pick up truck bed or the hopper of the City's rear-loaded garbage truck. Materials excluded include any appliances with Freon based refrigerants, tires, batteries, paint or other chemicals or materials prohibited as set forth in SECTION IV. There shall be no additional fee for the annual bulk pick up, unless the amount set out by a resident exceeds the volume set forth above. If a residence has more that the amount permitted, a Special Pickup Charge shall be billed to the property owner.

SECTION XII

Budgeting – Solid Waste Collection ***is*** a business like activity undertaken by the City government, similar to water and sewer. It is addressed in the annual City Budget in the Garbage Fund. It shall be the policy of the City of Frostburg to have the Garbage Fund self-sufficient without financial support for operating expenses from the Corporate Fund. At the time of the adoption of this Ordinance, the Garbage Fund is providing for the repayment of the financing for the garbage truck. It shall be the policy of the City of Frostburg to maintain budget line item levels into the future in order to provide for future equipment purchases. The setting of all Quarterly Charges and Special Pick up Fees for Solid Waste Collection shall be done in the annual Budget Ordinance.

SECTION XIII

Enforcement – It shall be the policy of the City of Frostburg to enforce the provisions of this Ordinance through the office of the Code Enforcement Inspector, Police Department and Street Department. Violations of any portion of this Ordinance shall be deemed as a Municipal Infraction and a Fine may be imposed of $100 for the first offense and $250 for the second and subsequent offenses, amending the provisions of Ordinance 2010-9 as adopted on November 18, 2010.

ORDINANCE NO. 2011 - 04

AN ORDINANCE OF THE MAYOR AND CITY COUNCIL OF THE CITY OF FROSTBURG TO AMEND CERTAIN PROVISIONS OF ORDINANCE 2010 – 14 MUNICIPAL SOLID WASTE MANAGEMENT

WHEREAS: Article IV of the City Code for the City of Frostburg provides for Municipal Refuse Collection and the Mayor and City Council desire to improve the efficiency of the collection of solid waste and encourage the citizens to increase their efforts at Reduce, Reuse, Recycle and Compost; and

WHEREAS, the Mayor and Council did Adopt Ordinance 2010-14, As Amended on March 17, 2011 to provide for the reorganization of the City's collection and management of solid waste; and

WHEREAS, subsequent to the passage of Ordinance 2011-14, As Amended, the Council determined that SECTION X of the Ordinance did not represent the desires of the Council regarding the collection of Yard Waste.

NOW, THEREFORE, in consideration of the foregoing, the Mayor and Council of the City of Frostburg do hereby amend the City Code of the City of Frostburg to repeal SECTION X of Ordinance 2010-14, As Amended; reenact SECTION X as follows:

SECTION X

Yard Waste *– The City will assess the use of a dedicated compost site at the Mountain View Landfill for yard waste. Collections shall be done once a month on the second Monday, in season, with additional collection days during October and November to be determined. Yard waste, such as grass clippings, garden materials and leaves, must be contained in the same manner as household solid waste. No bag or can may exceed 50 gallons or 40 pounds, including the weight of the can. Brush and tree branches must be tied in bundles not longer than six (6) feet in length. Each property shall be limited to 25 bags or bundles per pick up.*

Introduced:	April 21, 2011
Public Hearings:	May 19, 2011
Adopted:	May 19, 2011
Effective:	June 8, 2011

MAYOR AND CITY COUNCIL OF FROSTBURG

BY _____
Arthur T. Bond, Mayor

Attest: _____
John R. Kirby, Jr.
City Administrator

ORDINANCE NO. 2011 - 08

AN ORDINANCE OF THE MAYOR AND CITY COUNCIL OF THE CITY OF FROSTBURG TO AMEND CERTAIN PROVISIONS OF ORDINANCE 2010 – 14 MUNICIPAL SOLID WASTE MANAGEMENT

WHEREAS: Article IV of the City Code for the City of Frostburg provides for Municipal Refuse Collection and the Mayor and City Council desire to improve the efficiency of the collection of solid waste and encourage the citizens to increase their efforts at Reduce, Reuse, Recycle and Compost; and

WHEREAS, the Mayor and Council did Adopt Ordinance 2010-14, As Amended on March 17, 2011 to provide for the reorganization of the City's collection and management of solid waste; and

WHEREAS, subsequent to the passage of Ordinance 2011-14, As Amended, the Council determined that SECTION VIII of the Ordinance did not sufficiently address the issues of Waste Storage.

NOW, THEREFORE, in consideration of the foregoing, the Mayor and Council of the City of Frostburg do hereby amend the City Code of the City of Frostburg to repeal SECTION X of Ordinance 2010-14, As Amended; reenact SECTION VIII as follows:

SECTION VIII

Storage of Solid Waste *– No person shall place any solid waste in any street, alley or other public place within the City unless it is in bags or cans as set forth within the provisions of this Ordinance for collection. All solid waste being stored between City collections shall be placed in leak proof containers as set forth in Section 308.3.2 of the International Property Maintenance Code. Stored solid waste may not be visible from the street and shall be placed either in the rear of the property or when stored on the side must be screened.*
No person shall cast, place, sweep or deposit anywhere within the City any solid waste in such a manner that it may be carried or deposited by the elements upon any street, sidewalk, alley, sewer, parkway or other public place, or into any occupied or unoccupied premise in the City. Any unauthorized accumulation of solid waste on any premises is hereby declared to be a nuisance and is prohibited. Failure to remove any existing accumulation shall be deemed a Municipal Infraction and subject to the penalties provide within the City Code.

Introduced:	November 17, 2011
Public Hearings:	December 15, 2011
Adopted:	December 15, 2011
Effective:	January 4, 2012

MAYOR AND CITY COUNCIL OF FROSTBURG

BY _____
W. Robert Flanigan, Mayor

Attest: _____
John R. Kirby, Jr.
City Administrator

Appendix B.7 Cumberland Solid Waste Ordinances

Chapter 21 - SOLID WASTE[1]

Footnotes:

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Editor's note— Ord. No. 3102, § 1, adopted Sept. 23, 1991, repealed ch. 14 of the city's 1966 Code, as the same was amended by Ord. No. 3084, § 1, adopted June 7, 1991, and by Ord. No. 3085, § 1, adopted June 18, 1991, which pertained to solid waste. Ord. No. 3102 reenacted similar new provisions as set out in §§ 21-1—21-8.

Charter reference— Authority to regulate solid waste, § 72; dumping in streams, § 76.

Cross reference— Nuisances, Ch. 14; water, sewers and sewage disposal, Ch. 24.

State Law reference— Litter control, Ann. Code of Md. art. 27, § 468; recycling of solid waste, Ann. Code of Md. art. Environment, § 9-1701 et seq.

Sec. 21-1. - Definitions.

Unless the context specifically indicates otherwise, the following terms and phrases, as used in this chapter, shall have the meanings hereinafter designated.

City means the mayor and city council of Cumberland.

City ash tag means a tag sold by the city which must be attached to an acceptable ash container for the purpose of ash collection.

Commercial customer means any person who owns or occupies any building within the city which is primarily used for the conduct of any activity with the intent of realizing a profit from the sale of goods or services.

Construction and demolition debris means refuse which is incidental to construction, renovation or demolition of buildings, other structures or appurtenances.

Garbage means putrescible animal and vegetable wastes resulting from the handling, preparation, cooking and consumption of food.

Industrial customer means any person who owns or occupies any building within the city which is used primarily for the manufacture or production of any product.

Person means any person, firm, partnership, association, corporation, company or organization of any kind.

Refuse means all putrescible and nonputrescible solid waste (excluding bodily waste), including garbage, rubbish, ashes, street cleanings and dead animals. Refuse does not include ashes, demolition and construction debris, white goods, furniture, household appliances, large tree limbs and other items that are unsuitable for regular refuse collection services.

Residential customer means any person who owns or occupies a dwelling or dwelling unit.

Rubbish means nonputrescible solid waste consisting of both combustible and noncombustible waste, such as paper, cardboard, tin cans, yard clippings, wood, glass, bedding and crockery.

Tax exempt customer means any person who owns or occupies a property which is exempt from real estate tax under the laws of the State of Maryland or the United States.

Yard waste means grass clippings, weeds, hedge clippings, garden waster, leaves, twigs and brush.

(Ord. No. 3102, § 1, 9-23-91; Ord. No. 3111, § 1, 4-14-92; Ord. No. 3140, § 1, 12-8-92; Ord. No. 3371, § 1, 6-19-01)

Sec. 21-2. - Authority of city council to contract for refuse removal.

The city council may contract with some responsible person, from time to time, for periods of not less than one (1) year nor more than five (5) years in any one (1) contract, for the removal of all refuse and ashes from commercial customers, industrial customers, tax exempt customers and residential customers within the city. If the city council should deem expedient, at any time, they may employ a sufficient number of vehicles for the removal by the city directly of such material. The person with whom such contract may be made, before the same shall be effective, shall execute and deliver to the city council a bond conditioned for the faithful performance of such contract in such penalty and with such security as the city council deems sufficient.

(Ord. No. 3102, § 1, 9-23-91; Ord. No. 3111, § 1, 4-14-92; Ord. No. 3140, § 1, 12-8-92; Ord. No. 3371, § 2, 6-19-01)

Sec. 21-3. - Requirements for collection vehicles.

All vehicles employed by the city or any contractor in the removal of refuse and ashes or other materials pursuant to section 21-2 shall be tightly closed and shall be covered with an impervious substance so as to prevent dust or effluent from falling from such vehicle while being hauled through the streets of the city.

(Ord. No. 3102, § 1, 9-23-91; Ord. No. 3111, § 1, 4-14-92; Ord. No. 3140, § 1, 12-8-92)

Sec. 21-4. - Garbage, etc., to be placed in authorized receptacles; collection of garbage.

(a) *Placement of refuse for collection.*

(1) *Generally.*

a. *Refuse in containers.* Property owners shall place bagged refuse in tight covered containers. This refuse may be placed in commercially-produced plastic bags which are intended for the disposal of household refuse and have a capacity of no more than thirty-two (32) gallons or it may be placed in grocery store or similar plastic bags.

b. *Refuse outside of containers.* Refuse need not be placed in tight covered containers if it is placed in the commercially produced plastic bags described in subsection a.

c. *Draining of refuse.* All refuse must be drained and wrapped in paper before being placed in such containers.

d. *Prohibition of loose refuse in containers.* Loose refuse may not be placed in containers set out for pickup.

(2) *Yard waste; tree branches.* Subsections (1)a. and (1)b. do not apply to yard waste and tree branches. Yard waste must be placed in tight covered containers or commercially-produced plastic bags which are intended for the disposal of yard waste and have a capacity of no more than sixty-five (65) gallons with the exception of tree branches. Tree branches must be cut up or folded to a length not to exceed forty-eight (48) inches and securely tied with stout cord in suitable bundles.

(3) *Tying of bags.* All bags storing refuse of any kind, including yard waste, must be securely tied so as to prevent refuse from falling out.

(4) *Recyclables.* Recyclables shall be stored for collection in the manner required by the city's solid waste removal contractor. As [of] May 1, 2020, the aluminum, tin, glass and plastic set out for recycling must be placed in totes supplied by the contractor and newspapers, magazines, office paper and cardboard set out for recycling must be set out in bundles measuring no more than twenty-four (24) inches by twenty-four (24) inches. No plastic other than containers used for household purpose which are made of number 1, 2, 4, 5 or 7 plastic may be set out for recycling.

(5) *Placement for pickup; weight limit.* The foregoing containers and bundles shall be placed in a convenient place for pickup. Refuse containers and bundles of branches placed for collection may not weigh in excess of forty (40) pounds.

(6) *Third party refuse prohibition.* Third parties may not place their refuse in other persons' containers or on their property. Property owners shall not permit third parties to place their refuse in the property owners' containers.

(b) *Prohibited containers.* Oil drums, chemical containers, shortening cans, railroad spike cans, carbide cans, unsuitable plastic containers, kitchen and bathroom waste paper cans, shall not be permitted for the disposal of garbage, ashes, or rubbish.

(c) *Time of placement for collection.* No garbage ashes or refuse may be placed for collection before dusk of the day before collection. Empty containers must be removed prior to 6:00 p.m. on the day of collection.

(d) *Responsibility of customer.* The customer will be responsible for picking up garbage, ashes, or refuse scattered or littered about as a result of upset cans, torn bags, etc.

(Ord. No. 3102, § 1, 9-23-91; Ord. No. 3111, § 1, 4-14-92; Ord. No. 3248, § 1, 12-10-96; Ord. No. 3371, § 3, 6-19-01; Ord. No. 3874, § 1, 8-4-20)

Sec. 21-5. - Ashes.

It shall be the duty of persons having ashes to be disposed of to place the same in suitable watertight metal, rubber or plastic containers holding not in excess of forty (40) pounds in weight. All ashes must be dry and may not be mixed with garbage.

(Ord. No. 3102, § 1, 9-23-91; Ord. No. 3111, § 1, 4-14-92)

Sec. 21-6. - City ash tags; specifications.

City ash tags shall be of a distinctive color and printed with the city seal or other appropriate words which indicate to the garbage collector that when the tag is affixed to an ash container, it is intended for collection. The price for an ash tag shall be fifty cents ($0.50) each.

(Ord. No. 3140, § 1, 12-8-92)

Sec. 21-7. - Limitation on quantity.

(a) No customer shall place for collection an amount of refuse or ashes more than that which would be reasonable for one in his circumstances. The city shall have the authority to refuse the collection of unreasonable amounts. Notwithstanding the foregoing, no customer shall place for pickup, at any one (1) time, more than two (2) bags of yard waste nor more than four (4) containers of ashes; provided, however, that a customer may place in excess of four (4) containers of ashes for collection if such additional containers have affixed to them an ash tag.

(b) Notwithstanding the provisions of subsection (a), no customer shall, during the months of April through October, place for pickup any yard waste on regular collection days. Rather, yard waste shall be placed

for collection on such days as determined by order of the mayor and city council. During such special collection periods, a customer may place more than two (2) bags of yard waste for collection so long as the amount placed is not unreasonable.

(Ord. No. 3102, § 1, 9-23-91; Ord. No. 3111, § 1, 4-14-92; Ord. No. 3140, § 1, 12-8-92; Ord. No. 3169, § 1, 4-19-94)

Sec. 21-8. - Enforcement of chapter.

It shall be the duty of the department of community development to watch over the collection of refuse and to report to the city council and the county health officer all cases of neglect of duty on the part of the solid waste collection contractor, any driver of a garbage vehicle or of any customer, as provided by this chapter. The city's code enforcement officers shall be responsible for the enforcement of the terms of this chapter.

(Ord. No. 3102, § 1, 9-23-91; Ord. No. 3111, § 1, 4-14-92; Ord. No. 3140, § 1, 12-8-92; Ord. No. 3371, § 4, 6-19-01; Ord. No. 3874, § 2, 8-4-20)

Sec. 21-8.1. - Setting and collection of rates for refuse collection.

(a) (1) The following fees shall be charged by the city for garbage collection:

Per Month

Residential customers .....$ 15.00

Commercial customers 28.54

Industrial customers 28.54

Tax exempt customers 15.00

(2) The following monthly fee schedule be and is hereby adopted for the industrial/commercial users who exceed the standard garbage collection amount:

Number of bags per pickup:

1—8 .....$ 28.54

9—16 .....57.08

17+ 85.61

(3) The following fee schedule be and is hereby adopted for the bulk item program:

Category 1: $ 4.33	(40—50 lbs.)
Category 2: $ 8.66	(50—150 lbs.)
Category 3: $26.00	White goods

(b) Refuse collection fees shall be due and payable at the same time that the water and sewer charges are due and payable with respect to said customers and partial payment on any bill will first be credited to amounts for refuse collection services and the balance to outstanding charges for water and sewer services.

(c) Commercial, industrial or tax exempt customers with a valid dumpster permit issued by the director of administrative services shall be exempt from paying the trash fee contained in this section.

(Ord. No. 3371, § 5, 6-19-01; Ord. No. 3405, § 1, 6-18-02; Ord. No. 3452, § 1, 6-17-03; Ord. No. 3530, §§ 1, 2, 6-14-05; Ord. No. 3558, § 1, 6-13-06; Ord. No. 3585, §§ 1, 2, 6-12-07; Ord. No. 3643, §§ 1—3, 6-9-09; Ord. No. 3671, §§ 1—3, 6-22-10; Ord. No. 3838, §§ 1—3, 6-19-18; Ord. No. 3854, §§ 1—3, 6-4-19)

Sec. 21-9. - Penalties.

Any violation of any provision of this chapter shall be a municipal infraction and the violator shall be fined fifty dollars ($50.00). Each day a violation occurs shall constitute a separate offense.

(Ord No. 3248, § 2, 12-10-96)

Sec. 21-10. - Dumpsters.

(a) Any person, company, or corporation, prior to placing a dumpster on public or private property in the city for any period of time, shall first obtain a permit from the director of administrative services. Said permit shall specify the size and location of the dumpster and the length of time that said dumpster may be used on said property. The Mayor and City Council of Cumberland is hereby authorized to set a fee for such permits by order.

(b) Any person having placed a dumpster on public or private property shall be responsible, either in the event of the termination prior to the expiration of the permit or removal of the dumpster, to notify the director of administrative services of said action.

(c) In the event of multiple users of the dumpster, a permit for each user shall be required to be obtained from the director of administrative services by the person placing said dumpster on public or private property.

(d) Dumpsters used in the course of construction activity shall be governed by this section.

(e) A dumpster used in the city shall meet the following standards:

(1) The dumpster shall be painted so as to be reasonably resistant to rust and corrosion.

(2) The name and telephone number of the dumpster owner shall be clearly painted on at least two (2) sides of the dumpster.

(3) Dumpsters less than twenty (20) cubic yards in size shall be capable of being closed on all sides, except when opened for deposit or servicing.

(4) Dumpsters greater than twenty (20) cubic yards in size shall be capable of being secured so as to prevent the spillage of refuse, waste or garbage from the container.

(5) No dumpster located within two hundred (200) feet of a residential property shall be serviced between the hours of 11:00 p.m. and 5:00 a.m.

(f) Any dumpster used in the city shall be maintained and serviced with a frequency sufficient to prevent spillage from overflow, to prevent the buildup of offensive odors, and to prevent a public hazard. The responsibility for the maintenance and servicing of dumpsters shall rest with the user or renter of the dumpster. The maintenance of dumpsters shall include the clean-up and removal of all litter thrown or left on the dumpster premises to prevent litter from drifting or blowing onto adjacent premises.

(g) All commercial garbage and/or trash containers or dumpsters located within the City of Cumberland on any part or portion of the public right-of-way, that is, sidewalk, pedestrian footpath, or roadway, shall be illuminated with flashing beacon lights affixed thereto, or in the absence of beacons, sheeted/affixed with high intensity reflectorized orange and silver construction or work zone sheeting pursuant to regulations specified by the director of public works. All dumpsters shall be illuminated or reflectorized twenty-four (24) hours daily. The director of public works shall cause to be printed and have available for inspection and distribution the regulations cited in this subsection concerning specifications for beacon illumination or reflectorized sheeting.

(h) Any person who shall violate any provision of this section, or any provision of any rule or regulations adopted pursuant to authority granted by this section, shall be guilty of a municipal infraction punishable by a fine in the amount of five hundred dollars ($500.00).

(i) The provisions of this section shall be enforced by the director of public works.

(Ord. No. 3526, §§ 1—9, 5-31-05)

Appendix B.8 City of Cumberland Regulations

CITY OF CUMBERLAND
SOLID WASTE COLLECTION
Rules and Regulations

1. Containers shall be of a capacity not to exceed FORTY POUNDS in weight, and must have securely fitted lids. Paper or plastic garbage bags of suitable gauge and strength may be used in place of metal, rubber or plastic cans. When used, such bags must be securely fastened at the top. The number of bags per pickup is limited to eight (8) for residential customers, sixteen (16) for commercial customers (*1st tier*), and thirty (30) for commercial customers (*2nd tier*).

2. All ashes must be placed in suitable watertight, metal, rubber or plastic containers and not be in excess of FORTY POUNDS in weight. All ashes must be dry, cool enough for handling, and may not be mixed with garbage.

3. Oil drums, chemical containers, shortening cans, railroad spike cans, carbide cans, unsuitable plastic containers, kitchen and bathroom waste paper cans shall not be permitted for the disposal of garbage, ashes or rubbish.

4. All garbage and ash cans must have a handle that will extend down over the side of the can, or two suitable side handles, and must have securely fitted lids.

5. Place receptacles away from parked vehicles to insure pickup.

6. All boxes, brush, or similar items placed out for disposal must be cut down and/or folded to a length not to exceed forty-eight inches and must be tied and secured in suitable bundles before being placed at the curb. The weight of each bundle must not exceed FORTY POUNDS.

7. Magazines shall be tied and secured in bunches not to exceed FORTY POUNDS. Newspapers, if not recycled, shall also be tied and secured in bundles not to exceed FORTY POUNDS.

8. Collections will be made in accordance with the schedule mutually agreed upon by the City of Cumberland and the successful bidder.
   SCHEDULE:
   MONDAY AND THURSDAY: East Side, West Side
   TUESDAY AND FRIDAY: South Cumberland
   WEDNESDAY AND FRIDAY: Downtown
   WEDNESDAY AND SATURDAY: North Cumberland

9. No garbage, ashes, refuse, etc., may be placed at the curb before dusk the day before collection, and empty containers must be removed prior to 6:00 p.m. on the day of collection.

10. The responsibility for picking up garbage, ashes or refuse scattered or littered about, as a result of upset cans, torn bags, etc., is that of the homeowner or property owner from whom such garbage, etc., is to be collected.

11. A penalty of Fifty Dollars ($50.00) is prescribed for violating any of the rules and regulations pertaining to the disposal of garbage and other household refuse. THERE ARE SEVERAL PENALTIES FOR THROWING OR DUMPING GARBAGE, ASHES, OR REFUSE IN OR UPON ANY PROPERTY IN THE CITY LIMITS.

12. Nothing is to be placed at the curb in cardboard boxes, as they tend to break up and deteriorate when wet.

13. Construction material, at the discretion of the City of Cumberland, should not be placed at the curb for pickup.

14. Rocks and dirt are not acceptable as yard waste and will not be picked up.

BULK ITEM PICKUP PROGRAM

SCHEDULING

To schedule a collection, please call the Public Works Office at 301-759-6620 between the hours of 8:00 a.m. and 3:00 p.m., Monday – Friday.

All collections must be scheduled by the 20th of each month for collection the following month.

FEES

Category 1: $3.00 per item
Small chairs, tables, sinks, toilets, small televisions, and other items weighing under 50 pounds.

Category 2: $6.00 per item
Mattresses, box springs, couches, carpeting, padding, large televisions dressers, cabinets, bathtubs, and other items weighing between 50 and 150 pounds.

Category 3: $18.00 per item
White goods (stoves, refrigerators, washers, dryers, air conditioners, freezers, etc.)

Appendix C Bibliography

Soil Survey of Allegany County, Maryland, United States Department of Agriculture, Soil Conservation Service.

Allegany County Comprehensive Water and Sewerage Plan, 2017.

Allegany County Solid Waste Management Plan, February, 2015.

Institute for Local Self Reliance (1991), Beyond 40 Percent: Record Setting Recycling and Composting Programs, Island Press, Washington, DC, 280pp.

Skumatz, L. (1995), *Continued Growth for Variable Rates*, Biocycle, November 1995, pg 36-38.

O'Leary, P.R. and P.W. Walsh (1995), Decision Maker's Guide to Solid Waste Management, Volume II. EPA/600, USEPA, Washington DC, 348pp.

"Managing Residential Municipal Solid Waste: The Unit-pricing Approach", Resource Recycling, November 1993.

USEPA Pay-As-You-Throw (PAYT) Research
http://www.epa.gov/waste/conserve/tools/payt/research.htm

State of Maryland Recycling Directory
http://www.mdrecycles.org/recyclingDirectory.php

Appendix D Bylaws of the Solid Waste Management Board of Allegany County

ALLEGANY COUNTY SOLID WASTE MANAGEMENT BOARD
BYLAWS

August 6, 1997
Revised May 27, 1998
Revised September 21, 2000
Revised December 10, 2009
Revised April 12, 2012
Revised May 28, 2021

ARTICLE I
Name

The name of this Board shall be the Allegany County Solid Waste Management Board (hereafter referred to as the Board.)

ARTICLE II
Mission

The mission of this Board is to implement the Allegany County Solid Waste Management Plan (hereafter referred to as the Plan,) address solid waste issues, and provide guidance to the Allegany County Commissioners or other citizens and jurisdictionas appropriate in all matters of solid waste management.

ARTICLE III
Purpose

The purpose of this Board is to review solid waste management issues in Allegany County and to participate in planning for solid waste management by:

- Establishing a Board structure which emphasizes the Reduce/Reuse/Recycle/Compost/Landfill hierarchy for solid waste management as outlined in Chapter IV of the Plan;

- Prioritizing and implementing measurable program goals;

- Researching local, regional, state, national, and global trends and strategies related to solid waste management;

- Developing and recommending programs based on solid waste management research;

- Continually monitoring and evaluating the County's solid waste management programs in relationship to the Board established objectives;

- Facilitating public education of research findings and suggested programs, program outcomes and evaluations;

- Preparing updates of the County's Plan in accordance with Maryland Department of the Environment mandates, including other members as needed for this task;

- Serving as the Plan's advisory body, including additional members as needed, when the County next has need to site a landfill;

- Reviewing legislative requirements, demographic data, and the existing solid waste management system;

- Presenting periodic reports to the Allegany County Commissioners, and

- Performing other activities as needed.

ARTICLE IV
Members

Section 1: The membership of this Board shall be fifteen (15) members.

Section 2: Appointed by the Allegany County Commissioners, Board members shall be chosen from residents, businesses, non-profits, and county and municipal governments of Allegany County with reference to "Decision Makers Guide to Solid Waste Management (EPA.530-SW-89-072). County residency is only required for Citizens-at-large.

Section 3: Representation and terms shall be as follows:

The following 6 entities shall have a permanent seat on the Board:

Allegany County Board of Education
Allegany County Government
Allegany County Health Department
Chamber of Commerce
City of Cumberland
City of Frostburg

Representatives of the following 8 groups shall serve 2-year terms on the Board with re-appointments to additional terms permitted. Each group shall have one

representative with the exception of citizens-at-large (2 representatives.)

Citizen Advocate Group
Citizens-at-large - Two (2) representatives
Environmental Group
Environmental/Technical
Institutional
Solid Waste Hauler/Recycler
Waste Industry
Industry

Section 4: Each representative shall identify one additional person to serve as the alternate in the absence of the primary representative. The alternate shall be appointed by the Allegany County Commissioners as described in Article IV, Section 2, and shall be afforded voting privileges when acting in a substitute capacity.

Section 5: An entity or group absent for three (3) consecutive meetings may have their representative and alternate replaced at the discretion of the Allegany County Commissioners.

Section 6: The County shall provide general staff support.

Section 7: The Allegany County Recycling Coordinator, or Designee, shall function as secretary to the Board.

Section 8: The members shall serve without compensation.

ARTICLE V
Officers

Section 1: The officers of this Board shall be Chair and Vice-chair. These officers shall perform the duties prescribed in Article VII of these bylaws.

Section 2: The Chair and Vice-chair shall be elected by majority vote biennially (beginning 2010) at the January meeting and shall serve for two (2) years or until their successors have been elected. Officers shall be representatives described in article IV with

due consideration for conflicts of interest as discussed in Article IX.

Section 3: The duties of Secretary shall be performed by County government staff.

Section 4: In the event of resignation of the Chair, the Vice-chair shall assume the role of Chair for the remainder of the term and a special election will be held at the next Board meeting to elect a replacement Vice-chair. In the event of resignation of the Vice- chair, a special election will be held at the nextBoard meeting to elect a replacement Vice-chair.

Section 5: Four (4) months prior to the next regularly scheduled election, officers shall advise the Board if they intend to run for re-election.

ARTICLE VI
Meetings

Section 1: The regular meetings of the Board shall be held quarterly, or more often, at the call from the Chair, at a time and place approved by a majority of the Board members.

Section 2: An annual meeting shall be held in January of each year and shall be used for election of officers, receiving reports, preparing the annual report, and presenting the budget request for the upcoming year (to the County Commissioners).

Section 3: Special meetings may be called by the Chair as needed. At least three (3) business days' notice shall be given.

Section 4: A simple majority of the Board shall constitute a quorum.

Section 5: In accordance with the State of Maryland "Open Meeting Act", all meetings shall be publicly announced and opened to the public.

Section 6: All meetings shall be conducted in accordance with the current edition of Robert's Rules of Order.

ARTICLE VII
Duties of Officers

Duties of Chair:

- Chairs and conducts all meetings of the Board; may establish ad hoc committees, and

- Appoints members and monitors committees assigned to address specific areas of concerns;

- Performs such other duties as designated by the Board.

Duties of Vice-chair:

- Acts in the absence of the Chair.

ARTICLE VIII
Committees

Section 1: Standing committees include (a) Reduce/ Reuse, (b) Recycle/Compost, (c) Landfill/Transfer Station, and (d) Education and Public Relations.

Section 2: Other committees may be established as deemed appropriate by the Board.

ARTICLE IX
Conflicts of Interest

Section 1: When a member recognizes he/she has an obvious conflict of interest with an issue or item presented for discussion, the member shall be excused from the meeting during such discussion and/or refrain from voting on that issue, at the Chair's discretion and direction.

Section 2: Additional legal questions concerning conflicts of interest shall be referred to the Allegany County Attorney for advice and legal opinion.

ARTICLE X
Amendments

Section 1: These bylaws may be amended at any meeting of the Board by two-thirds vote of the total membership. Any such amendment is not effective until ratified by the Allegany County Commissioners.

Section 2: The proposed amendment must be introduced and discussed at a prior meeting and a written copy of the proposed amendment must be sent to each member prior to the meeting at which it will be voted upon.

Appendix E Reuse Directory

REDUCE

prevent waste

The most effective way to reduce waste is to not create it in the first place, this is called source reduction. Making a new product requires a lot of materials and energy - raw materials must be extracted from the earth, and the product must be fabricated then transported to wherever it will be sold.

Taking steps to reduce, impedes an item's entry into the waste stream - to be recycled, composted, incinerated, landfills.

- Save money, buy less
- Avoid packaging
- Allow products to be used to their fullest extent

TALKING TRASH

Over the last few decades, the generation, recycling, composting ,and disposal of *MSW has changed substantially. While solid waste generation has increased, from 3.66 to 5.98 pounds per person per day between 1980 and 2014, the recycling rate has also increased from less than 10 percent of *MSW generated in 1980 to over 43.5 percent in 2015 in Maryland.

Source:

http://mgaleg.maryland.gov/Pubs/LegisLegal/2017-Waste-Management.pdf

*Municipal Solid Waste

REUSE

better than recycling

One person's trash is another person's treasure. Instead of discarding unwanted appliances, tools, or clothes, try selling or donating them. Not only will you be reducing waste, you'll be helping others. This Reuse Directory can help you locate where to donate and purchase good used items that would otherwise end up in the landfill.

- Prevent usable goods from going into landfills
- Helps your community and those in need
- Tax benefits may be available
- Remember, yard sales, pawn shops, classified ads, auctions, and antique stores are also good sources for buying or selling reusable items.

TRY THESE small STEPS!

- Buy used, its often less expensive
- Take a reusable mug to work
- Use rechargeable batteries
- Reuse bags, bottles, & jars
- Purchase refillable printer cartridges, pens, & pencils
- Use the back of one-sided copy paper as note pads or print duplex
- Buy reusable over disposable items
- Consider cloth diapers
- Use cloth napkins and silverware at meal times
- Take reusable bags to the market
- Purchase serviceable appliances
- Repair clothing & other items
- Stop the junk mail, be removed from mailing lists
- Reduce toxicity, use natural and/or homemade cleaning products
- Request electronic bills and statements
- Compost food waste in your backyard

RECYCLE

when you can

When you've done all you can do to avoid waste, recycle.

In Allegany County you can recycle: glass, alumi-num and steel cans, #1 & #2 plastic containers, cardboard, newspaper, magazines, office paper, tires, oil, antifreeze, yard waste, electronics, major appliances, plastic film (at retailers), and batteries.

- Choose products made from recycled materials they typically consumes less energy and conserves raw materials.

Special recycling events are held for tires, household hazardous waste, and electronics. Sign up for event notifications at alleganygov.org.

The Allegany County **Mulch & Yard Waste Recycling Site** on 11700 PPG Road, Cumberland, MD accepts grass, leaves, and limbs (no larger than 4" in diameter). **DO NOT DUMP** stumps, roots, rubble, demolition, railroad ties, pallets, plastic bags, or garbage. Free mulch may be removed at no charge, no guarantee on quality or quantity.

How do I get rid of this?

Questions can be directed to Allegany County Recycling

301-777-5933 x 210 ✪ recycling@alleganygov.org

REUSE DIRECTORY

ALLEGANY COUNTY, MARYLAND

www.alleganygov.org

Allegany County

Reduce • Reuse • Recycle

Allegany County Commissioners and Solid Waste Management Board

December 2017

Printed on 30% Post-Consumer Recycled Paper

REUSE DIRECTORY

***** donations MUST be CLEAN, in GOOD condition, and in WORKING ORDER *****

accepted items	organization code
Accessories (hats, gloves, etc.)	3,5, 6, 8, 14, 16
Antiques & Collectables	3, 5, 6, 16
Appliances (large - washers, dryers, refrigerators, stoves)	2, 9, 15
Appliances (small, coffee pots, toasters, irons)	3, 14, 15, 16
Art Items (pictures, frames, pottery)	3, 5, 6, 14, 16
Art Supplies	3, 8, 16
Baby Items (cribs, playpens, etc. - NO car seats)	3, 16
Bicycles	3, 4, 6
Books	3, 5, 15, 16
Buckets	1, 3, 7, 15, 16
Building Materials	1, 7, 15
Cleaning Supplies	3, 7 10, 15, 16, 17, 20
Clothing - Adult	3, 6, 14, 16
Clothing - Children's (preemie - teen)	3, 6, 9, 13, 14, 16, 19
Computers, Electronics, & Copy Machines	1, 7
Craft Supplies	3, 8, 9, 16
Curtains & Rugs	5, 6, 7, 14, 16
Dishes	3, 5, 6, 14, 16
Exercise Equipment	3, 6, 9
Eyeglasses	3, 11
Food -Non-Perishable	10, 16, 20
Food - Perishable	20
Furniture	3, 5, 6, 7, 9, 16

accepted items	organization code
Garden Equipment, Landscape Tools, & Plant Containers	1, 3, 5, 7
Hangers	16
Holiday Decorations	6, 7, 16
Household Items	3, 5, 6 , 14, 16
Linens	3, 5, 6, 7, 14, 16
Medical Equipment & Supplies	1, 7, 11
Music (CD, Records) & Movies (DVD)	3, 8, 16
Musical Instruments	3, 16
Office Supplies & Equipment	1, 3, 7
Packing Material (bubble wrap, air pillows, packing peanuts)	12, 16, 18
Paint	1, 3, 15, 16
Paper Products (paper towels, toilet paper)	1, 3, 8, 10, 15, 16, 17, 20
Pet Supplies (food, kennels, carriers, litter boxes)	1, 3, 7, 15
Printer Cartridges	1
School Supplies	9
Sewing Machines	3, 4, 16
Sports Equipment	3, 16
Stuffed Animals	1, 3, 6, 7, 16
Toiletries	3, 10, 16, 17
Tools	1, 3, 7
Toys (games, puzzles, plastic toys)	3, 6, 7, 16
Vehicles	1, 6, 7
Video Games	3, 8, 16

y Please call ahead to be sure your items are needed at the time of donation. y

	Organization Name	Telephone	Website	Notes
1	Allegany County Animal Shelter	301-777-5930	www.alleganyanimalshelter.com	
2	Archway Station	301-724-2582	archwaystation.net	
3	Barkin' Basement	301-777-0826	barkinbasementthriftshop.com	
4	Bikes for the World			Saturday before Memorial Day at Canal Place - small dontation required
5	Funky Repurps and More	301-876-0790		Wanted unique & interesting decorative pieces; they are given a second life
6	Goodwill	301-729-9404	horizongoodwill.org	
7	Heart Of The Earth Sanctuary and Rescue Inc.	240-727-6004	www.hotesanctuaryandrescue.com	
8	Hope Station	240-362-7168		
9	HRDC Head Start & Early Head Start	301-783-1730	alleganyhrdc.org	
10	Interfaith Food Panty Cumberland	301-777-7882		
11	LaVale Lion's Den	301-729-4166	www.lavalelions.com	
12	Mail Room	301-729-8622		
13	Our Lady of the Mountains Parish	301-777-1750	www.olmcumberland.org	ONLY children's clothing in very good condition and clean is accepted. Free Children's Clothing Room open every Wednesday morning.
14	Past Perfect	240-964-8051	www.wmhs.com/foundation/auxiliary.html	
15	Safe Shelter Inc.	301-478-3206		
16	Salvation Army	301-777-7600	www.salvationarmyusa.org	
17	St Paul's Lutheran Church	301-722-6604	www.stpaulscumberland.com	
18	UPS Store	301-724-4200		
19	Welsh Baptist Church	301-689-6332	www.welshbaptist.com	Free clothing aviable to the public on the first Thursday evening of the month, or by appt. Call to arrange for a drop-off or pick-up
20	Western Maryland Food Bank	301-722-2797	mdfoodbank.org	

If an organization or business would like inclusion in the next edition or is interested in being added, please request a questionnaire from the Recycling Office

Allegany County Recycling Office 301-777-5933x210 recycling@alleganygov.org

Appendix F Proposed Solid Waste Haulers Licensing Program

CONCEPTUAL OUTLINE FOR
RECOMMENDED REFUSE COLLECTION/HAULER
LICENSING PROGRAM

PURPOSE:

To protect the citizens and environment of Allegany County by ensuring refuse collectors/haulers are reputable and responsible business entities. The licensing procedure will also be a resource to residents wishing to contract for refuse collection and help curb abuse of the ten-bag limit currently in effect for residential trash at the County's refuse disposal box sites.

PROGRAM OUTLINE:

(1) No person or company shall engage in the business of collecting or hauling garbage, municipal waste, recyclables or other refuse from sites within the County without first procuring a license to do so through the Allegany County Department of Public Works.

(2) Allegany County shall prepare and make available to all haulers an application form for vehicle license. The application shall require payment of a nominal fee and include the following information:

a. Company Name
b. Year Company Formed
c. President Name
d. Contact Information (Office #, Cell #, Fax #)
e. Mailing Address
f. Business Hours
g. Number of Employees
h. Number of Vehicles Used for Hauling
i. VIN Number(s)
j. Registration Number(s)
k. Payment Methods and Rates
l. Tax ID Number
m. Bonded/Registered
n. Workmen's Compensation Information (Coverage must include all employees entering private property.)
o. Vehicle Insurance (Coverage must be at a commercial rate to cover minimum commercial requirements for refuse facilities.)

(3) Any changes in the information listed above must be reported to the County in writing within 30 days of change.

(4) Any licensed hauler who violates any provisions of this Article shall be subject to a penalty (amount to be determined).

Appendix G FY 2019 Program Costs

Allegany County Solid Waste Disposal
FY 2019

July 1 2018- June 30, 2019

		Oldtown Refuse Site	Flintstone Refuse Site	Little Orleans Refuse Site	Mountainview Drop-Off Site	Total	%
Refuse Box	Hauls	135	90	31	969	1225	
	MSW (tons)	545.68	290.48	113.76	2,260.40	3,210.32	
	Average tons/haul	4.04	3.23	3.67	2.33	3.32	
	% of County MSW	17.0%	9.0%	3.5%	70.4%		
				$ 5,838.16			
Costs	Cost per Haul	$ 146.90	$ 146.90	$ 183.68	$ 39.10		
	Total Hauling Costs	$ 19,831.50	$ 13,221.00	$ 5,694.08	$ 37,887.90	$ 76,634.48	22%
	Landfill Fees @$51/ ton	$ 27,829.68	$ 14,814.48	$ 5,801.76	$ 115,280.40	$ 163,726.32	46%
	Trash Stickers & Misc					$ 5,684.10	2%
	Personnel	$ 13,582.40	$ 13,582.40	$ 6,791.20	$ 33,955.99	$ 67,911.98	19%
	Site Rental	$ 3,600.00	$ -	$ -	$ -	$ 3,600.00	1%
	Communications	$ 560.29	$ 565.80	$ 200.00	$ 606.45	$ 1,932.54	1%
	Closed Landfill Testing	$ -	$ -	$ -	$ -	$ 17,998.60	5%
	Property Maint	$ 493.16	$ 493.16	$ 246.58	$ 1,232.90	$ 2,465.79	1%
	Utilities	$ 185.84	$ 185.84	$ 92.92	$ -	$ 464.61	0%
	Other Shared Costs	$ 2,407.38	$ 1,281.51	$ 501.88	$ 9,972.23	$ 14,163.00	4%
	Total Cost	**$ 68,637.15**	**$ 44,291.09**	**$ 19,512.10**	**$ 198,974.96**	**$ 354,581.42**	100%
	Cost/Ton	*$ 125.78*	*$ 152.48*	*$ 171.52*	*$ 88.03*	*$ 110.45*	
	Cost/Ton FY 2015	$ 148.10	$ 161.90	$ 208.31	$ 94.23	$ 112.39	
	Sticker Sale Revenue	$ (42,874.23)	$ (22,823.10)	$ (8,938.16)	$ (177,600.27)	$ (252,235.75)	
	Cost	$ 25,762.92	$ 21,468.00	$ 10,573.94	$ 21,374.70	$ 102,345.67	
	Cost/Ton	$ 47.21	$ 73.91	$ 92.95	$ 9.46	$ 31.88	
NET	Cost FY 2015	$ 45,089.71	$ 30,308.06	$ 17,576.49	$ 94,778.31	$ 187,550.97	
	Cost/Ton 2015	$ 95.70	$ 109.50	$ 155.92	$ 41.83	$ 59.99	
NET	Cost FY 2017	$ 45,038.85	$ 32,044.70	$ 17,452.07	$ 71,186.20	$ 171,061.03	
	Cost/Ton 2017	$ 89.70	$ 107.67	$ 131.76	$ 29.95	$ 51.70	

1 Tag = 40 gal bag or 40 lbs.

		Oldtown Refuse Site	Flintstone Refuse Site	Little Orleans Refuse Site	Mountainview Drop-Off Site	Total	
Per Bag	40lbs	0.02	0.02	0.02	0.02	0.02	
	~ Bags / Box	202	161	183	117	166	$ 2.69
	Cost per Haul	$ 508.42	$ 492.12	$ 629.42	$ 205.34	$ 289.45	
	County Cost/ Bag	**$ 2.52**	**$ 3.05**	**$ 3.43**	**$ 1.76**	**$ 1.74**	
	Subsidy per Bag -$1	$ 1.52	$ 2.05	$ 2.43	$ 0.76	$ 0.74	

Tag Fee Increase	Jan-17	$0.75 to $1.00
	January 2012	$0.50 to $0.75
	May 2002	$0.25 to $0.50
	February 1998	enacted $0.25

Allegany County Recycling

FY 2019 *July 1 2018- June 30, 2019*

		All Recycling Sites	Mulch Site	Total	%
Hauls	Recycling Boxes	110		110	
	Tires	16		16	
	Tons Recycled	855.0	2,300.0	3,155.0	
Costs	Bin Rental	$ 13,756.07	$ -	$ 13,756.07	7%
	Total Hauling Costs	$ 15,799.53	$ -	$ 15,799.53	8%
	Personnel	$ 114,133.90	$ -	$ 114,133.90	58%
	Mulch Grinding		$ 20,400.00	$ 20,400.00	10%
	Other Shared Costs	$ 25,252.73	$ -	$ 25,252.73	13%
	Tire Recycling	$ 7,500.00		$ 7,500.00	4%
	Tire Event Costs	$ 16,686.27		$ 16,686.27	8%
	Total Cost	**$ 193,128.50**	**$ 20,400.00**	**$ 196,842.23**	100%
	% of Total Cost	98.1%	10.4%		
	Cost/Ton	***$ 225.87***	***$ 8.87***	***$ 62.39***	
Revenue	Recycling Fee	$ (142,124.73)		$ (142,124.73)	88%
	Recycling Revenue	$ (16,128.78)	$ (2,345.00)	$ (18,473.78)	12%
	Tire Event Revene	$ (10,278.80)		$ (10,278.80)	6%
	Mis Revenue	$ (4,672.01)		$ (4,672.01)	3%
	Total Revenue	*$ (158,253.51)*	*$ (2,345.00)*	*$ (160,598.51)*	100%
NET	Cost	$ 34,874.99	$ 18,055.00	$ 36,243.72	
	Cost/Ton	$ 40.79	$ 7.85	$ 11.49	
NET	Cost FY 2015	$ 547.85	$ 5,235.88	$ 5,783.73	
	Cost/Ton FY 2015	$ 0.45	$ 2.28	$ 1.65	
NET	Cost FY 2017	$ (8,790.08)	$ 3,795.00	$ (4,995.08)	
	Cost/Ton FY 2017	$ (12.03)	$ 1.65	$ (1.65)	

Appendix H Solid Waste Disposal and Recycling Chronology

1975	•	First Solid Waste Management Plan is adopted.
1980	•	Updated Solid Waste Management Plan is adopted as part of Comprehensive Water and Sewer Plan.
1986	•	Allegany County issues RFP to build and operate a landfill. Chambers Development of Pittsburgh is selected.
1987	•	Allegany County signs contract with Chambers Development (aka Chambers of Maryland) to handle County and other solid waste for 20 years (1992 – 2012) at a total not to exceed 125,000 tons/year at an initial cost of $30/ton.
1988	•	Maryland Recycling Act is established.
1990	•	Recycling Plan for Allegany County is prepared per State requirements.
1991	•	County Mulch and Yard Waste Site is established near Cresaptown.
	•	Special committee is formed to prepare 1992 Solid Waste Management Plan.
1992	•	Chambers of Maryland opens Mountainview Landfill.
	•	County closes Vale Summit and Westernport Landfills (both in operation since 1970.)
	•	Recycling fee of $1.00/ton is established for County trash entering Mountainview Landfill.
	•	Updated Solid Waste Management Plan is adopted.
1993	•	Permit is issued for Rubble Landfill near Cresaptown to be used for demolition at future prison site.
1994	•	Synthetic cap is installed on Vale Summit Landfill.
	•	Maryland enacts 15% recycling goal for Allegany County.
	•	First Household Hazardous Waste drop-off event is held.
1995	•	Household hazardous waste drop-off event is held.
1996	•	Allegany County Solid Waste Management Board is established.
	•	Household hazardous waste drop-off event is held.
	•	Updated Solid Waste Management Plan is adopted.
1998	•	First Pay-as-You-Throw (PAYT) sticker fee of $0.50/bag is established for waste deposited at public drop-off sites.
	•	First scrap tire drop-off event is held.
	•	Household hazardous waste drop-off event is held.
1999	•	Scrap tire drop-off event is held.
2000	•	Solid Waste Management Plan is adopted.
	•	The recycling fee is increased to $1.50/ton.
	•	Household hazardous waste drop-off event is held.
	•	Scrap tire drop-off event is held.
	•	Gas monitoring programs are established at closed Vale Summit and Westernport Landfills.
2001	•	Penn-Mar Recycling Center opens in Cumberland under contract with Allegany County.
	•	Amcelle Rubble Landfill ownership is transferred from Allegany County to State of Maryland.
2002	•	Allegany County recycling rate exceeds 25% for the first time.
	•	Household hazardous waste drop-off event is held.
	•	Scrap tire drop-off event is held.
	•	First e-cycling drop-off event is held.
2003	•	Synthetic cap installed is on Westernport Landfill.
	•	E-cycling drop-off event is held.
2004	•	Revised Solid Waste Management Plan is adopted.
	•	Household hazardous waste drop-off event is held.
	•	Scrap tire drop-off event is held.
	•	E-cycling drop-off event is held.
2005	•	Mulch and Yard Waste Site is moved to Mexico Farms.
	•	E-cycling drop-off event is held.
2006	•	Household hazardous waste drop-off event is held.

	•	Scrap tire drop-off event is held. • E-cycling drop-off event is held.
2007	•	Howell Trucking opens Transfer Station near Cresaptown. Collected waste is hauled to Mostoller Landfill in Somerset, PA. • E-cycling drop-off event is held.
2008	•	Allegany County signs contract with Waste Management to extend use of Mountainview Landfill from 2013 – 2033. • Household hazardous waste drop-off event is held. • Scrap tire drop-off event is held. • E-cycling drop-off event is held.
2009	•	Maryland enacts a public school recycling requirement • Advanced Disposal acquires Howell Trucking and its Transfer Station. • E-cycling drop-off event is held. • Scrap tire drop-off event is held.
2010	•	Revised Solid Waste Management Plan is adopted. • Synthetic cap is placed on Amcelle Rubble Landfill by the State of Maryland. • E-cycling drop-off event is held. • Scrap tire drop-off event is held.
2011	•	E-cycling drop-off event is held.
2012	•	MRA is updated to require 25% recycling rate for Allegany County. • PAYT sticker fee is increased to $0.75/bag. • Maryland enacts an apartment and condominium recycling requirement. • E-cycling drop-off event is held.
2013	•	Host fee of $1.00/ton is established on all out-of-County waste disposed of in Mountainview Landfill. • E-cycling drop-off event is held. • Scrap tire drop-off event is held.
2014	•	City of Cumberland begins curbside recycling. • Allegany County recycling rate exceeds 40% for the first time.
2015	•	Maryland enacts Special Events recycling requirement. • Revised Solid Waste Management Plan adopted. • E-cycling drop-off event is held. • Household hazardous waste drop-off event is held.
2016	•	E-cycling collection event is held.
2017	•	PAYT sticker fee is increased to $1.00/bag. • E-cycling drop-off event is held. • Household hazardous waste drop-off event is held.
2018	•	Scrap tire drop-off event is held.
2019	•	Waste Management advises Allegany County that they plan to close Mountainview Landfill in early 2022 because it is too costly to expand for the volume of waste it receives. • Too Toxic to Trash (HHW) drop-off event is held.
2020	•	Waste Management and Advanced Disposal merge. • Mountainview Landfill is transferred to Green for Life to operate until 2022 and then close. • Allegany County signs contracts with: a) Green for Life to operate Mountainview Landfill until 2022 and grant use of public drop-off area until end of Post Closure Care period (approximately 2052.) b) Waste Management to provide Transfer Station facility near Cresaptown to collect Allegany County waste and transport it to Mostoller Landfill near Somerset, PA for disposal until 2035.
2021	•	Green for Life sold Mountainview Landfill and other western PA landfills to Noble Environmental. Noble will assume the GFL contract with Allegany County and has expressed interest in expanding Mountainview Landfill. • Too Toxic to Trash (HHW) drop-off event is held.

2022	●	New, improved Solid Waste and Recycling site opened at County Roads Garage in Oldtown to replace the former Oldtown site (January 26, 2022.)
	●	*Solid Waste Management Plan is adopted.*
	●	*New, improved Solid Waste and Recycling site opened at County Roads Garage on MV Smith Road in Flintstone to replace the former Flintstone and Little Orleans sites.*

Appendix V: Site Photographs

1 - Abandoned outbuilding near Moran Coal Company

2 - Platform behind abandoned outbuilding on Moran property

3 - 1,550-gallon water storage tank on Moran property

4 - Cemetery behind Moran Airfield

5 - Milky white coloration in stream on Moran property

6 - Barn in cow fields adjoining farmhouses on Moran property

7 - Bottom floor of barn in cow fields adjoining farmhouses on Moran property

8 - Top floor of barn in cow fields adjoining farmhouses on Moran property

9 - Workshop adjoining farmhouse residences on Moran property

10 - Interior of workshop adjoining farmhouse residences on Moran property

11 - Abandoned barn on western portion of property on Moran property

12 - Ground flood of abandoned barn on western portion of property on Moran property

13 - Seep with pipe emptying into a bathtub associated with farmhouse residences on Moran property

14 - Abandoned house on western portion of site on Moran property

15 - Vent and fill port associated with abandoned house on Moran property

16 - Crawlspace under abandoned house on Moran property

17 - Shed associated with abandoned house on Moran property

18 - Miscellaneous debris in outbuilding associated with abandoned house on Moran property

19 - Dilapidated shed associated with abandoned house on Moran property

20 - Container of unknown substance next to abandoned house on Moran property

21 - Dumping of tires in wooded portion of Moran property

22 - Hydraulic oil label on barrel on Moran property

23 - Barrels reportedly containing hydraulic fluid on Moran property

24 - Cell Tower Off-site

25 - Michael Cemetery on Moran property

26 - Abandoned Modular Unit on Moran adjacent to subject property.

27 - Abandoned structures that are suspected to be used for equipment storage adjacent to subject property.

28 - Engine oil in abandoned storage area adjacent to subject property.

29 - Propane tanks observed outside abandoned storage area adjacent to subject property.

30 - 55-Gallon drum with unidentified substance and AST observed outside abandoned storage area adjacent to subject property.

31 - Abandoned substation adjacent to subject property.

32 - Hangar 1 at Moran Airfield

33 - Barrels and drums of various contents located outside Hangar 1 at Moran Airfield

34 - Miscellaneous machine parts in Hangar 1

35 - Miscellaneous machine parts in Hangar 1

36 - Grease observed in Hangar 1

37 - 15,000-gallon tank of unknown contents in Hangar 1

38 - 5-gallon bucket of hydraulic fluid located in Hangar 1

39 - Hangar 2 at Moran Airfield (Inaccessible)

40 - Hangar 3 at Moran Airfield (Inaccessible)

41 - 1,000-gallon tank of diesel fuel in secondary containment on the Moran Airfield

42 - Diesel fuel leaking in secondary containment on the Moran Airfield

43 - Equipment leaking unknown fluid causing staining at the Moran Airfield

44 - Equipment leaking unknown fluid causing staining at the Moran Airfield

45 - Discarded ASTs at the Moran Airfield

46 - Tanks of unknown contents located at the Moran Airfield

47 - Generator located at Moran Airfield

48 - Diesel fuel truck located on the lot of Moran Airfield

49 - Anti-freeze at Moran Airfield

50 - 55-gallon drum of hydraulic fluid located at Moran Airfield

51 - 55-gallon drums containing multi-purpose grease that appear to be damaged

52 - Tires on Moran Airfield

53 - Well at Moran Airfield

54 - Landing strip at Moran Airfield

55 - Suspect generator along landing strip at Moran Airfield

56 - Tank of unknown contents along landing strip at Moran Airfield

57 - Diesel fuel truck located along landing strip at Moran Airfield

58 - Piles of rubble at Moran Airfield

59 - Machinery associated with the coal operations

60 - Discarded household appliance

61 - Evidence of logging activity.

62 - Empty barrel observed in pasture area of Moran parcel

63 - Forested portion

64 - Pasture area on Moran property

65 - Pole-mounted transformers observed behind Moran Airfield

66 - Potentially jurisdictional feature observed in pasture area in Moran property

67 - Savage Mountain Minerals

68 - Utility ROW

69 - Dilapidated house off subject property.

70 - Dilapidated house off the property.

71 - Observed monitoring well off Mill Run Road

72 - Concrete structure discharging water into suspect stream-wetland complex off Mill Run Road

73 - Logging road

74 - Access road in wooded portion

75 - 55-gallon drums on Tri-Star property

76 - Abandoned UST and monitoring well on Moran property

77 - Dilapidated house on Moran property

78 - Monitoring well on Moran property

79 - Water tower neighboring Moran property

80 - Suspect drainage point or mine access point located on Moran property

81 - Parked mining equipment on Moran property

82 - Parked mining equipment on Moran property

83 - Train car in creek on Moran property

84 - View of Grove cemetery on Moran property

85 - Half full storage tote along mine road on Moran property

86 - Overview of Moran property mine

87 - Pole mounted transformer near Moran property mine

88 - Fuel storage AST on Moran property mine

89 - Fuel storage AST on Moran property mine

90 - Fuel storage AST on Moran property

91 - Backup generator located on the coal storage yard in the south eastern portion of the subject property.

92 - 55-gallon drums near Moran airfield and mine

93 - Abandoned cistern or well on Moran property

94 - Forested area on Moran property

95 - 300-gal Antifreeze Tank Adjacent to BTC Workshops

96 - Seven drums observed in the vicinity of the BTC Workshops on the adjacent property.

97 - 1,000-gal Off-Road Diesel Tank adjacent to subject property.

98 - Plastic totes of unknown contents and 55-gallon drums adjacent to subject property.

99 - De minimis staining in association with equipment adjacent to the Tri-Star workshops. Not present within LOD

100 - Compressed gas tanks in the vicinity of the workshops on BTC property adjacent to subject property.

101 - 6,000-gal waste oil AST adjacent to subject property.

102 - Burned down residence on the southeastern portion of the Moran property

103 - Presumed heating oil ASTs located in the basement of the burned down house

104 - Weigh station located on the eastern portion of the Moran property

105 - Multiple ASTs and a plastic tote with unknown contents

106 - Suspect derelict diesel fuel truck in the northernmost portion of the site on BTC property

107 - Syrup storage tanks

108 - Seep area in western portion of the site on Moran property.

109 - Artesian well

110 - Abandoned sap and syrup processing equipment.

111 - Water storage tank by seep area in western portion of site.

Appendix VI: Additional Documents

Permit Number	PIN associated	Permitee	Permit Status	Map	Release Letter
143	1211000118	Beener	Released	Completion	No
	1211001483				
	1211001564				
161	1204003683	Buffalo	Released	Completion	No
	1211001602				
193	1211000118	Wilhelm	Released	Completion	Letter
	1211000193				
	1211000231				
20	0108012989	Moran Coal	Released	77 Annual	No
	0109005080				
	1204004019				
	1204004043				
	1204004051				
	1204004094				
	1204004108				
	1204004116				
	1204004124				
	1204004132				
	1204004159				
	1204004167				
	1204004175				
	1204004183				
	1204004426				
	1204005309				
	1204005317				
	1204006658				
	9999999999				
218	1204003683	Buffalo	Released	No	No
	1211001602				
332	1204003918	Seneca	Released	80 Annual	No
	1204004124				
	1204004140				
333	0108012989	Westvaco	Released	Completion	Letter
	0109005080				
	1204003918				
	1204004000				
	1204004019				
	1204004051				
	1204004094				
	1204004116				
	1204004124				
	1204004132				
	1204004140				
	1204004175				
	1204005317				

	1204006658 9999999999				
349	1211001424 1211001483	Wilhelm	Forfeited	Original	No
364	1204004043 1204004183	John Duckworth	Released	Completion	Letter
417	1211001483	Tri-Star	Released	Completion	Letter
419	0109005064 0109005072 0109005080 0109006230 0109006346 0109008500 0109008926 1211001602	Tri-Star	Active	N/A	N/A
424	1211001602	Pine Mountain	Active	N/A	N/A
426	1211001602	Tri-Star	Released	Completion	Letter
429	1211000118 1211000231 1211001483 1211001564	Tri-Star	Released	Original	Letter
434	1211001564	Tri-Star	Released	Original	Letter
444	1211001483	Tri-Star	Released	Original	Letter
445	1204004051 1204004132 1204004167	Savage Mountain	Active	N/A	N/A
446	0108013721 1204004051 1204004078 1204004116 1204004167 1204004175 1204005317	Savage Mountain	Active	N/A	N/A
448	1211001564	Savage Mountain	Active	N/A	N/A
461	1204004019	Savage Mountain	Active	N/A	N/A
463	1204004043 1204004108 1204004183	ARJ Construction	Active	N/A	N/A
467	1204004159 1204004426	JX5	Active	N/A	N/A
DM111	1204003918 1204004000 1204004019 1204004094 1204004116 1204004124 1204004132	ARJ Construction	Active	N/A	N/A

	1204004140				
DM114	0108013721	ARJ Construction	Active	N/A	N/A
	0109005080				
	1204003918				
	1204004000				
	1204004019				
	1204004043				
	1204004051				
	1204004094				
	1204004116				
	1204004124				
	1204004132				
	1204004140				
	1204004159				
	1204004167				
	1204004175				
	1204005309				
	1204005317				
	1204006658				
	9999999999				
OPA-09-01	1211000118	Western MD Lumber	Cancelled	N/A	N/A
	1211000193				
	1211000231				
	1211001424				
	1211001483				
	1211001564				
SC111	0108013721	Westvaco	Released	Completion	Letter
	1204004051				
	1204004426				
SC116	9999999999	Franklin	Active	N/A	N/A

KEY:

Active Permits

Released/Cancelled

JOHN J. McMULLEN, Jr., Chairman
WENDELL R. BEITZEL, Jr., Member

R. NEIL WILLIAMS, Treasurer
WILLIAM R. NEFF, Superintendent

THE UPPER POTOMAC RIVER COMMISSION
Waste Treatment Facilities, 528 Maryland Ave., Westernport, Maryland 21562
Telephone 359-3944

UPPER POTOMAC RIVER COMMISSION

Phoenix Hill

S-91-11-1766-ABE

Sample Date	Sample Type	Constituent	Location	Result
9/3-9/4/97	9 well composite	2,3,7,8-TCDD	Phoenix Hill wells	ND

2,3,7,8-TCDD was not found in the sample analyzed. The detection limit was lower than the target analytical detection limit of 0.01 ppt.

The sample was analyzed by a contract laboratory (Alta Analytical Laboratory, Inc.) using an isomer specific, high resolution gas chromatography-mass spectrometry method based on EPA Method 1613 A (EPA/API Study-Tetras only). The Method 1613 A minimum level specifications for liquid samples is 0.01 ppt.

Method 1613 A requires that each set of samples be accompanied by analysis of a blank, spiked with ^{13}C-labeled 2378-TCDD, ^{13}C labeled 2378- TCDF, and ^{37}Cl-2378-TCDD and by a blank that has been spiked with a known amount of unlabeled 2378-TCDD and 2378-TCDF in addition to the labeled analyses. The latter is called an "OPR" for On-going Precision and Recovery. One blank and one OPR is required for each sample matrix.

wpdocs\dioxin\phoenix.i97

Maryland
Department of the Environment

Larry Hogan
Governor

Boyd Rutherford
Lieutenant Governor

Ben Grumbles
Secretary

EH

Please file
Upper Potomac River Commission
Sludge

July 24, 2017

Mr. Rodney Mangold
Upper Potomac River Commission
528 Maryland Avenue
Westernport, MD 21562

Dear Mr. Mangold:

This is in response to your July 11, 2017 letter requesting authorization to apply sewage sludge at the Bakerstown Highwall Mine Site. This site is regulated by Sewage Sludge Utilization Permit No. 2015-SRC-5924, which has a total permitted area of 152 acres.

The Maryland Department of the Environment is authorizing the application of sewage sludge subject to the following additional conditions:

1. This authorization applies only to the designated 26.2-acre area of Field CT of the Bakerstown Highwall Mine Site as indicated on the site plans and maps submitted with your request.

2. Sediment and erosion control devices, including all perimeter dikes indicated on the site plans submitted with your request, shall be in working condition prior to the application of sewage sludge on Field CT.

3. Final grading of all topsoil stockpiles shall be completed prior to sewage sludge application. Any erosion gullies located in the fields shall be filled with soil and graded prior to start-up of operations.

Should you have any questions concerning this matter, please contact me at (410) 537-3314.

Sincerely,

Allison P Marong

Allison P. Marong, Chief
Biosolids Division

cc: Paul C. Edwards, Chairman, Garrett County Board of Commissioners
Rodney B. Glotfelty, Garrett County Health Department
Shaun L. Sanders, Garrett County Soil Conservation District
Donald E. Moran, Moran Coal Company, Inc.
Hilary Miller
Brian Coblentz

RECEIVED
JUL 27 2017
Garrett County Health Dept

Sewage Sludge Utilization Permit Application Form

LICANT INFORMATION

Applicant / Contractor: Upper Potomac River Commission

Mailing address (Street Address, City, State, Zip Code): 528 Maryland Ave., Westernport, MD 21562

INFORMATION

Legal site name: Westvaco Resources, Inc. (WRI)

Location (Street Address, City, State, Zip Code):

County: Garrett Bay tributary watershed code: 02-14-10-04

Latitude: 39 (DEG) 31 (MIN) 08 (SEC) Longitude: 79 (DEG) 02 (MIN) 55 SEC

State legislative district: 1A Local council / election district: Bloomington/4

STEWATER TREATMENT PLANT INFORMATION

Name: Upper Potomac River Commission

Sludge percent solids: 25%

Sludge type:

- ☐ anaerobic digestion ☐ aerobic digestion
- ☐ lime stabilized ☐ unstabilized
- ☒ other Pulp and Paper Sludge

IVITY TYPE

☐ **NEW PERMIT**

☐ Transportation (out of state, to another WWTP)	$45.00
☐ Agricultural land application	175.00
☒ Marginal land application	350.00
☐ Permanent facility (construct and operate)*	350.00
☐ Incinerator (construct and operate)*	750.00
☐ Disposal at a sanitary landfill (with trash or as cover)	350.00
☐ Utilization at a sanitary landfill (for closure cap)	175.00
☐ Research	25.00
☐ Distribution	750.00
☐ Innovative	TO BE SET

☐ **PERMIT RENEWAL** (permit #)

☐ Transportation (out of state, to another WWTP)	$45.00
☐ Agricultural land application	175.00
☐ Marginal land application	350.00
☐ Permanent facility (construct and operate)*	350.00
☐ Incinerator (construct and operate)*	750.00
☐ Disposal at a sanitary landfill (with trash or as cover)	350.00
☐ Utilization at a sanitary landfill (for closure cap)	175.00
☐ Research	25.00
☐ Distribution	750.00
☐ Innovative	TO BE SET

Reason for renewal:

0711

3705 / OBJECT 5655 / SUFFIX 606

* may require Air and Radiation Management Administration permit

☐ PERMIT MODIFICATION (permit # _____)

☐ Minor $40.00

- ☐ crop change
- ☐ adjust application rates for different crops
- ☐ adjust application rates based on current sludge analyses
- ☐ add other sludges from the same source, also PSRP or PFRP
- ☐ change haul route
- ☐ change application method
- ☐ change application vehicles
- ☐ adjust application rates

☐ Major (All modifications not listed above) 130.00

Reason for modification: The wastewater treatment sludge will be delivered to the site by UPRC dump trucks and will be deposited on the marginal surface. The application of the sludge to these areas will include the spreading of the sludge over the surface with bulldozers followed by disking the sludge into the surface in preparation for seeding.

SCRIPTION OF PROJECT: _____

_____

_____

RFORMANCE BOND:

Except for sanitary landfills under a separate bond, PFRP sludge distributors, or government entities, as a irement for a permit any utilizer shall file with the Department a bond or other security on a form prescribed by Department. The bond shall be payable to the Department and the obligation of the bond shall be conditioned n the fulfillment of any requirement related to the Sewage Sludge Utilization Permit.

YMENT:

One photocopy of this application form, accompanied by a check made out to the **SEWAGE SLUDGE LIZATION FUND** for the full amount due, shall be sent to:

Maryland Department of the Environment
P.O. Box 1417
Baltimore, Maryland 21203-1417

PLICATION PACKAGE SUBMITTAL:

A complete application shall consist of this completed form with an original signature, plus all the information required in COMAR 26.04.06 for the type of permit desired. Six copies of a new or major modification permit application package are required, or four copies for a renewal or minor permit modification.

Please send permit application packages to:

Maryland Department of the Environment
Environmental Permits Service Center
2500 Broening Highway
Baltimore, Maryland 21224
(410) 631-3772

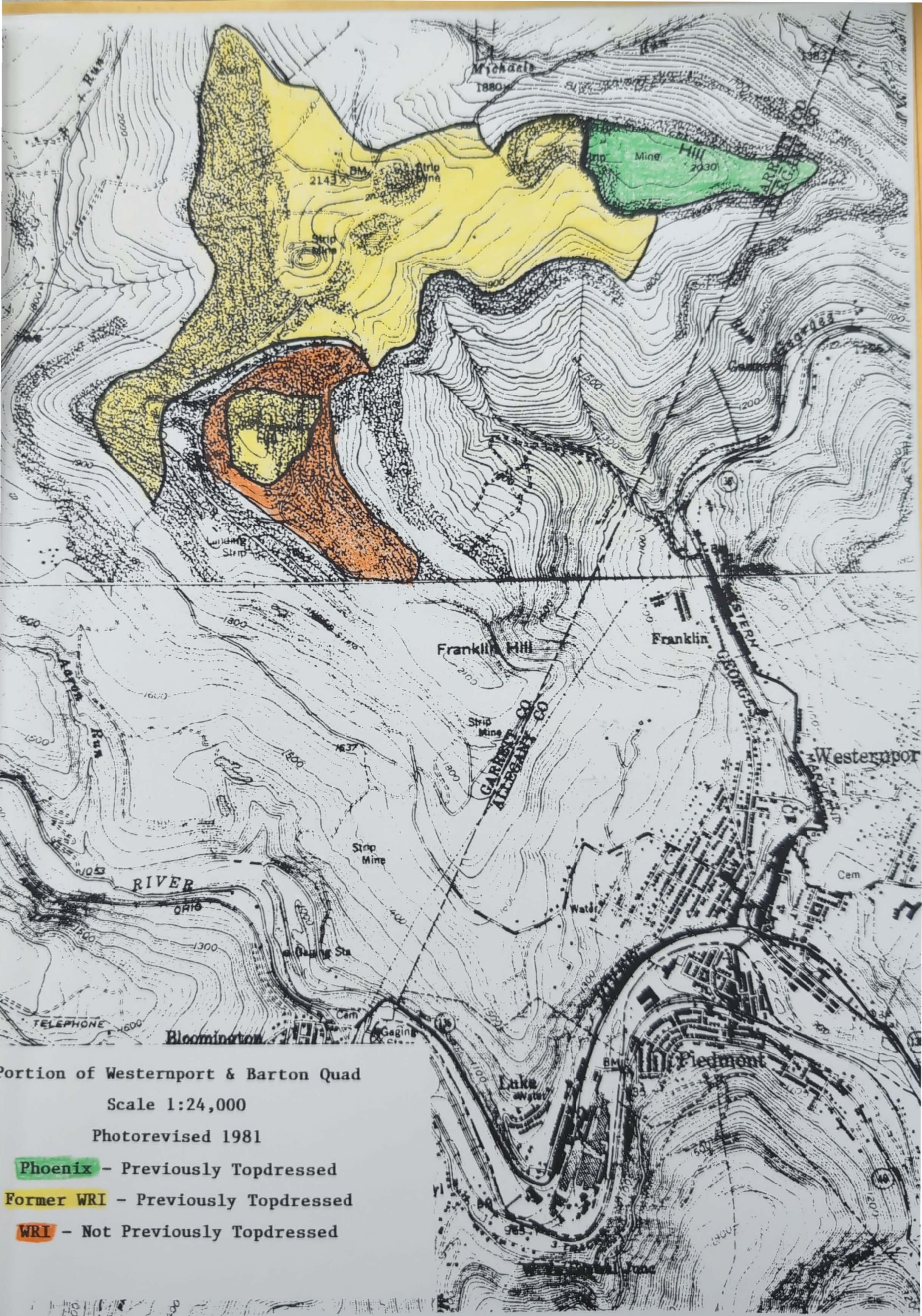
condition of issuance of this permit, I, the applicant, or his duly authorized representative, agree to comply the provisions of the Environment Article sections 9-230 through 9-249 and 9-269 through 9-270 otated Code of Maryland and COMAR 26.04.06, and verify that the information on this form is correct and plete to the best of my knowledge.

NAME: William R. Neff EMPLOYER: Upper Potomac River Commission

SIGNATURE: William R. Neff DATE: 11/26/97

PHONE NUMBER: 301-359-3944

6/95



Portion of Westernport & Barton Quad

Scale 1:24,000

Photorevised 1981

Phoenix - Previously Topdressed

Former WRI - Previously Topdressed

WRI - Not Previously Topdressed

June 2, 1997

Mr. William R. Neff
Upper Potomac River Commossion
528 Maryland Avenue
Westernport, Md. 21562

Dear Bill,

This letter will serve as evidence of our approval for the Upper Potomac River Commission to use UPRC sludge to topdress approximately 950 acres of our property located on Franklin Hill, formerly leased by Westvaco Resources,Inc. This includes the 90 acre area permitted as the Phoenix Hill site (permit number S-91-11-1766-ABE) the 767 acre WRI site, called the Robert Moran site in permit, (S-91-11-702-ABE) and a 90 acre area adjacent to both sites.

Sincerely,

E. S. Moran & Sons

Donald E. Moran
Donald E. Moran
Partner

cc; S. Shoemaker
J. Walsh
G. Shoemaker
M. Wilkinson
K. Wendell

Sturm Environmental Services

JOHN W. STURM, PRESIDENT

CEC and Total Metal Analysis

Company: Upper Potomac River Commission
Site: WRI Areas 1-10
Date: 05/27/94

Sample Number		CEC (mg/100 g)	Total Metal Analyses (mg/kg) Cadmium	Copper	Nickel	Lead	Zinc
Area	1	27.4	4.04	26.0	19.7	13.5	118
	2	21.9	6.04	28.4	30.4	18.5	138
	3	38.4	3.03	27.8	18.9	9.44	115
	4	26.3	2.05	25.5	22.0	36.5	139
	5	29.5	2.71	25.2	12.6	16.0	228
	6	35.3	2.44	27.9	19.4	8.97	118
	7	24.4	6.06	23.9	19.0	17.1	124
	8	22.8	3.69	26.2	12.1	11.6	118
	9	25.1	3.22	26.5	11.1	11.1	193
	10	21.5	5.94	27.0	24.5	16.5	170

Approved: _____

MAIN OFFICE — POST OFFICE BOX 650 • BRIDGEPORT, WEST VIRGINIA 26330 • (304) 623-6549
CHARLESTON BRANCH — POST OFFICE BOX 8337 • SOUTH CHARLESTON, WEST VIRGINIA 25303-0337 • (304) 744-9864

Sturm Environmental Services

JOHN W. STURM, PRESIDENT

TEXTURE ANALYSIS

COMPANY: Upper Potomac River Commission
SITE: WRI Areas 1-10
DATE: 05/27/94

SAMPLE NUMBER	SAND (%)	SILT (%)	CLAY (%)	CLASSIFICATION
1	44.8	25.6	29.6	Clay Loam
2	46.8	25.6	27.6	Sandy Clay Loam
3	52.8	30.4	16.8	Sandy Loam
4	50.8	27.6	21.6	Sandy Clay Loam
5	58.8	24.4	16.8	Sandy Loam
6	52.8	21.6	25.6	Sandy Clay Loam
7	38.8	28.4	32.8	Clay Loam
8	40.8	30.4	28.8	Clay Loam
9	44.8	30.4	24.8	Loam
10	54.8	23.6	21.6	Sandy Clay Loam

Approved

MAIN OFFICE — POST OFFICE BOX 650 • BRIDGEPORT, WEST VIRGINIA 26330 • (304) 623-6549
CHARLESTON BRANCH — POST OFFICE BOX 8337 • SOUTH CHARLESTON, WEST VIRGINIA 25303-0337 • (304) 744-9864

Garrett County Health Department
Environmental Health Services
Courthouse Room 104
Oakland, Maryland 21550

FILE COPY

GARRETT COUNTY SLUDGE DISPOSAL PERMIT

This permit is issued under the authority of the Garrett County Sewage Sludge Regulation adopted by the Garrett County Commissioners on March 29, 1983.

PERMIT NUMBER 2 Renewal

Date of Issuance 11/4/91
Date of Expiration 3/31/92

Permit issued to: Upper Potomac River Commission
528 Maryland Avenue, Westernport, MD 21562

This permit is for a renewal of permit #2 issued 9/21/88 for the deep filling of sludge generated at the Westernport wastewater treatment plant into currently open strip mine pits on land owned by Moran Coal Company at Phoenix Hill in Garrett County as detailed in permit application September 11, 1991. Sludge will be filled in alternating layers with spoil material at a rate not exceeding one part sludge to seven parts spoil. Once the filling operation is complete soil pH at surface will be adjusted to a greater than 6.5 and area will be topdressed with 100 DT/acre of sludge and seeded with 50 lbs./acre Kentucky 31 fescue, 5 lbs./acre oats, 5 lbs./acre clover vetch, 5 lbs./acre birdsfoot trefoil, and 5 lbs./acre red clover. Soil pH of at least 6.2 shall be maintained during the course of the permit.

This permit pertains to the portion of the 95 acre tract which is located in Garrett County.

The Garrett County Health Department recognizes that this project has also been permitted by the MD Department of the Environment under Permit #5-88-11-1766-ABE with subsequent modifications. For reasons of conformity the specific conditions of the MDE permit for this site must also be met under this permit as they apply to the Garrett County portion of the project.

Additional conditions of permit:

1. All groundwater monitoring reports must also be submitted to the Garrett County Health Department on a quarterly basis. Submission of all other monitoring reports such as soil pH, sludge analysis, etc. must also be submitted to Garrett Co. Health Department as they become available.

2. Two homes located on Aaron Run Road in Garrett County must be sampled on a quarterly basis during this project. In addition to the 34 parameters set forth under condition 12b of the State permit these wells must also be monitored for coliform bacteria, fecal coliform bacteria, ammonia nitrogen, and kjeldahl nitrogen.

3. Samples must be collected and analyzed from the groundwater monitoring network semiannually for three years after the completion of the project. Analytical results must continue to be submitted to the Garrett County Health Department on a semiannual basis during this period.

4. Records of the amount of sludge applied to the site must be submitted to the Garrett County Health Department quarterly. The next report shall be due January 15, 1992. Permittee will be responsible for the payment to the Treasurer of Garrett County on a quarterly basis $.50 per ton of sludge disposed of at this site on a dry weight basis plus $.05 per ton (total weight basis) of sludge hauled each mile on a Garrett County maintained road.

5. Garrett County Health Department Personnel have the right to enter upon the property to insure adherence to conditions of permit in accordance with Article V of the Garrett County Sludge Ordinance.

Permit issued 11-5-91
(Date)

Edgar H. Harman

Edgar H. Harman, R.S.
Director/Environmental Health Services

GARRETT COUNTY SLUDGE ADVISORY COMMITTEE

UPPER POTOMAC RIVER COMMISSION INFORMATION SHEET

Phoenix Hill Site - Garrett County Sludge Disposal Permit # 2
Maryland D.O.E. Permit # S-88-11-1766-ABE

The first truckload of sludge was delivered to the site on December 6, 1988.

From December 6, 1988 thru October 31, 1989 a total of **26,063** dry tons of sludge was delivered to the site for utilization/reclamation.

Cut # 1	received	4,447 dry tons
Cut # 4	received	17,406 dry tons
Cut # 5A	received	2,448 dry tons
Cut # 5B	received	1,762 dry tons

Groundwater sampling has been performed quarterly.

This sampling includes four homes in Allegany County and two homes in Garrett County.

WRI Site - Maryland D.O.E. Permit # S-87-11-702-ABE

This is our topdressing operation which began in 1982. Since 1982 we have topdressed a total of **555** acres of land at the WRI Site.

Under our current permit we have **75** acres of land available for topdressing and are in the process of preparing a sludge modification permit application (Amendment 8) for an additional **137** acres of land.

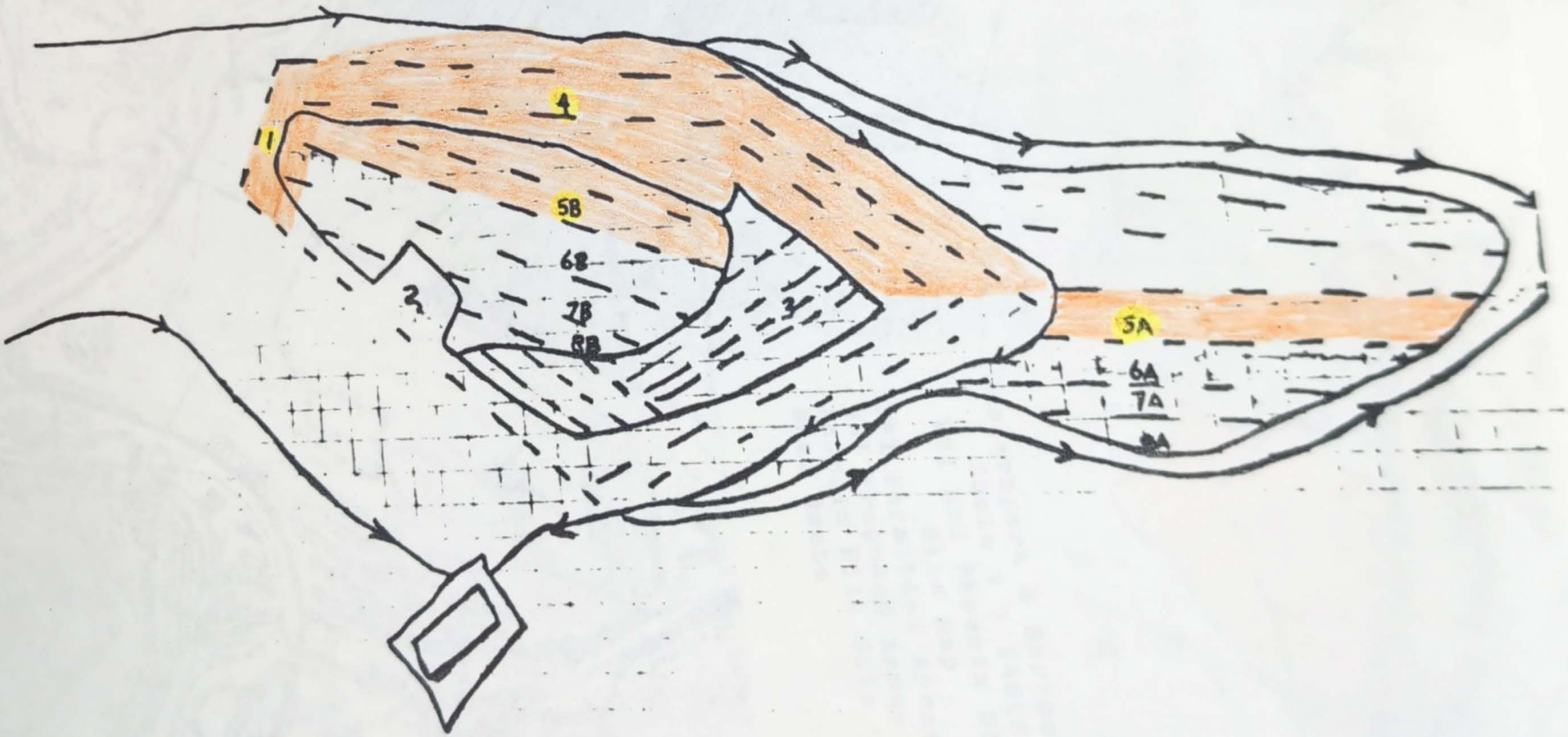
During a 1989 total of **3,849** dry tons of sludge was delivered to the WRI Site for use in topdressing.

During 1988, a total of **1,473** dry tons of sludge was delivered to the WRI site for use in topdressing.

The sludge disposal fee paid to Garrett County in 1989 by the UPRC was **$21,047.50**. This payment was for calendar year 1988 and January 1 thru October 31, 1989.

Since 1975, the UPRC has paid a total of **$91,808.42** in sludge disposal fees to Garrett County.

UPPER POTOMAC RIVER COMMISSION
S-88-11-1766-ABE
Cut Designation Map (for permit reports)



Westernport & Barton Quad
Scale 1 : 24000
WRI and Phoenix Hill
Site Map
WRI Permitted Areas
WRI Proposed Areas
Phoenix Hill Site
Haul Route

Michaels
1880
Run
1383
Mine
Hill
2030
Strip
Mine
BM
2143
Strip
Mine
Peanut
Hill
Franklin Hill
Strip Mine
GARRETT CO
ALLEGANY CO
Franklin
GEORGES
Westernport
MARYLAND
CR
Cem
Aaron
Run
RIVER
OHIO
Water
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Gas Sta
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Maryland
Department of
the Environment

Larry Hogan, Governor
Boyd K. Rutherford, Lt. Governor

Ben Grumbles, Secretary
Horacio Tablada, Deputy Secretary

Please File
UPRC
Sludge

June 15, 2018

Mr. Rodney Mangold
Upper Potomac River Commission
528 Maryland Avenue
Westernport, MD 21562

Dear Mr. Mangold:

Enclosed is Maryland Sewage Sludge Utilization (SSU) Permit No. **2016-SRC-5927**, which is issued in accordance with your application of December 14, 2015, and all subsequent revisions and addenda, including your most recent submittal, dated April 11, 2018.

This permit may be appealed by filing a written request for a hearing within thirty (30) days of receipt of this permit. The request should be addressed to Ms. Hilary Miller, Director, Land and Materials Administration, at the Department's address. You will subsequently be contacted regarding a hearing date. All permit hearings will be conducted in accordance with the Administrative Procedure Act. If no appeal is received within the specified time period, this constitutes acceptance of the terms and conditions of this permit.

Please note that this permit is subject to the enclosed terms and conditions. If you have any questions, please call Mr. M. Jerry Egbegbadia, Regulatory and Compliance Engineer Senior, Biosolids Division, at (410) 537-3314.

Sincerely,

C John Sullivan III

C. John Sullivan III
Program Manager
Resource Management Program

Enclosure

cc: Donald E. Moran, Moran Coal Company, Inc. (w/encl.)
Jenelle Mayer, Health Officer, Allegany County Health Department (w/encl.)
Adam Heavner, District Manager, Allegany County Soil Conservation District (w/encl.)
Robert T. Stephens, Health Officer, Garrett County Health Department (w/encl.)
Shaun L. Sanders, District Manager, Garrett County Soil Conservation District (w/encl.)
Hilary Miller, Director, Land and Materials Administration
Brian Coblentz, Chief, Solid Waste Program Compliance Division (w/encl.)

JUN 20 2018
Garrett County
Health Department

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Land and Materials Administration • Resource Management Program
1800 Washington Boulevard • Suite 610 • Baltimore, Maryland 21230-1719
410-537-3314 • 800-633-6101 x3314 • www.mde.maryland.gov

Larry Hogan
Governor

Ben Grumbles
Secretary

Sewage Sludge Utilization Permit
Number: 2016-SRC-5927

ISSUE DATE: June 15, 2018 ***EXPIRATION DATE:*** June 14, 2023

Issued to: Upper Potomac River Commission

Authorizing: The land application of sewage sludge as specified in this permit

From: The Upper Potomac River Commission Wastewater Treatment Plant as authorized in Part II of this permit

At: The 2016 WRI Mine site located in the vicinity of Franklin and Phoenix Hills, approximately 2.6 miles northwest of Westernport in Allegany and Garrett Counties, Maryland

This permit is issued pursuant to the provisions of Title 9 of the Environment Article, Annotated Code of Maryland, and regulations promulgated thereunder, and is subject to the attached terms and conditions, and compliance with all applicable laws and regulations.

Kathy Cather (for Hilary Miller)

Hilary Miller, Director
Land and Material Administration

This permit is granted in accordance with the referenced documents in Part I, and subject to the terms and conditions specified in Parts II and III of this permit as follows:

Part I: Referenced Documents - Permit application, plans and specifications and other pertinent documents submitted to the Department.

1. Sewage Sludge Utilization (SSU) Permit Application and supporting documents submitted by the Upper Potomac River Commission, dated December 14, 2015 and received on March 30, 2016.

2. Additional information consisting of contingency plan and haul route submitted by the Upper Potomac River Commission, dated April 18, 2016 and received on April 19, 2016.

3. Environmental evaluation of the Upper Potomac River Commission topdressing sites in support of proposed permit loading rate submitted by the Upper Potomac River Commission, dated July 13, 2016 and received on July 15, 2016.

4. Revised site plan submitted by the Upper Potomac River Commission, dated August 4, 2016 and received on August 5, 2016.

5. 2016 WRI Mine site areas ready for sewage sludge application submitted by the Upper Potomac River Commission, dated and received on August 29, 2016.

6. Nutrient Management Plan (NMP) submitted by the Upper Potomac River Commission, dated April 11, 2017 and received on April 13, 2017.

7. Revised NMP submitted by the Upper Potomac River Commission, dated June 12, 2017 and received on June 15, 2017.

8. Revised site plan consisting of 17.3- acre area of the Moran tract which is ready for sewage sludge application submitted by the Upper Potomac River Commission, dated and received on April 11, 2018.

Part II: Site Specific Conditions (Applicable to Sewage Sludge Marginal Land Application) - conditions which amend all other permit conditions applicable to this facility/site should any discrepancies or conflicts exist.

Marginal Land Authorization:

1. This permit applies only to the 1353-acre area of the 2016 WRI Mine Site consisting of the original WRI site, the Phoenix Hill site, the 1999 WRI site, and the Moran tract located in the vicinity of Franklin and Phoenix Hills, approximately 2.6 miles northwest of Westernport in Allegany and Garrett Counties, Maryland. The permittee shall obtain from the Department separate written authorization for all reclaimed fields on this site prior to the land application of sewage sludge.

2. This permit authorizes only the transportation and land application of Class B digested sewage sludge generated by the Upper Potomac River Commission (UPRC) Wastewater Treatment Plant.

3. The permittee may only surface apply as a liquid or cake or subsurface inject the sewage sludge on this site as specified by the conditions of this permit.

4. The permittee shall ensure that only the following crops are grown on this site: Green mountain seed mixture of Kentucky 31 tall fescue, rye (various types), perennial ryegrass, empire bird's foot trefoil, orchard grass, and mammoth red clover.

5. The permittee shall contact the Department at (410) 537-3315 to record a voice mail message before the application of sewage sludge on the permitted site. Except for Mondays, the permittee shall contact the Department at least 24 hours before the application of sewage sludge. For land application on Mondays, the permittee shall contact the Department on the previous Friday, Saturday, or Sunday. The voice mail message shall include the name of the caller, the permittee's name, the name of the site by name of owner, the locations of the site by county, and the anticipated date of application.

6. The permittee shall contact the Allegany and Garrett Counties Health Departments, Environmental Health Divisions, prior to the application of sewage sludge on the permitted fields. Except for Mondays, the permittee shall contact the Allegany and Garrett Counties Health Departments, Environmental Health Divisions, at least 24 hours prior to the application of sewage sludge. For land application on Mondays, the permittee shall contact the Allegany and Garrett Counties Health Departments, Environmental Health Divisions on the previous Friday, Saturday, or Sunday. The permittee shall provide the name of the caller, the permittee's name, the name of the fields by name of owner, the locations of the fields by county, and the anticipated date of application.

7. During land application of sewage sludge, the permittee shall have a copy of this permit on the site.

8. In the event of odor problems, the permittee is directed to implement correctional measures such as, but are not limited to, the temporary cessation of sewage sludge application, incorporation of the sewage sludge into the soil, or the application of odor control agents such as lime, potassium permanganate, or other odor control agents. Upon notice from the Department, the permittee shall implement the correctional measures as soon as possible. For the purpose of this condition, an "odor problem" is defined as the receipt of at least one odor complaint regarding the sewage sludge application followed by verification of the objectionable off-site odors by the Department.

9. The permittee shall add lime to each field either before or at the time of the sewage sludge application in order to raise the soil pH initially to 6.0. The permittee shall maintain a soil pH at a minimum of 6.0, and test the soil pH every six months for the life of this permit and report the results to the Department. The permittee is not required to retest the soil pH of a field until sewage sludge has been applied to that field.

10. The permittee shall not land apply lime amended sewage sludge on a field where the soil pH is greater than 7.5 until the soil pH levels drop to 7.5 or below.

11. Final grading of all topsoil stockpiles shall be completed prior to sewage sludge application. Any erosion gullies located in the fields shall be filled with soil and graded prior to start-up of operations.

12. The Department is authorizing the application of sewage sludge subject to the following additional conditions:

a. This authorization applies only to the designated 660-acre area of the 2016 WRI Mine site consisting of the original WRI site, the Phoenix Hill site, the 1999 WRI site, and part of the Moran tract as indicated on the site plans and maps submitted with the permittee's request. This authorization shall be for two years starting from the issuance date of this permit. The Department's authorization to land apply sewage sludge on the remaining acreage of the site will be determined pending the outcome of the 10-acre area pilot/investigative project (the "Project") that will be conducted by the UPRC or its representatives. Specifics related to the Project must be approved by the Department prior to land application of sewage sludge on this site.

b. The 10-acre area of the Project shall be divided into equal strips of land with sewage sludge land application of various application rates that include a control parcel, and 25, 50, 75, and 100 dry tons per acre rates.

c. Sediment and erosion control devices, including all perimeter dikes indicated on the site plans submitted with the SSU Permit Application, shall be in working condition prior to the application of sewage sludge on the 2016 WRI Mine site consisting of the original WRI site, the Phoenix Hill site, the 1999 WRI site, and part of the Moran tract.

d. No later than 90 days from the date of issuance of this permit, the permittee shall submit a detailed implementation plan for this Project to the Department for review and approval. The Department may reject or modify any of the Project proposals if warranted and as necessary to protect human health and the environment.

13. The approved rate of application is based on the initial sewage sludge application and is dependent on the moisture content of the sewage sludge. Sewage sludge with a moisture content of less than 90% may be applied at rates up to 100 dry tons per acre with maximum application rate of 600 wet tons of sewage sludge per day.

14. The UPRC shall submit to the Department a Comprehensive Operation Plan (COP) for the Project.

15. The COP shall include a map of the site delineating each of the two parcels and Project strips. It shall include the type of crop that will be utilized in the seeding process, amount of seeding, and method of application. The COP shall include Quarterly Monitoring Progress (QMP) Reports. The QMP Reports shall provide a narrative description of the vegetation growth, supported by photos for each of the two parcels. The UPRC is required to perform periodic soil sampling events. The soil sampling process shall be representative of the Project land area, and samples analyzed for metals, nutrients, and biomass, and any other parameter identified by the Department. The sampling and testing shall be performed for the duration of this Project, or until the entire rate of application has been satisfied.

16. Project results shall be submitted to the Department for review in conjunction with the University of Maryland, College of Agriculture and Natural Resources once the Project is complete no later than two years from the issuance date of this permit.

17. The permittee is restricted from applying further nutrients or seeding on this site once the application of sewage sludge has concluded and the application rates have been satisfied, without prior written approval from the Department.

18. The permittee shall analyze the UPRC Class B treated sewage sludge for the following parameters utilizing the suggested analytical methods:

Priority Pollutant Metals – SW-846 EPA Method 6020
Acid Volatile Sulfides/Simultaneously Extracted Metals (AVS/SEM) with EPA Method 821-R-100
Total Cyanide – SW-846 EPA Method 9014
Total Sulfides – SW-846 EPA Method 9030
Volatile Organic Compounds (VOCs) – TCL – SW-846 EPA Method 8260
Semivolatile Organic Compounds (SVOCs) – TCL, including Polycyclic **Aromatic Hydrocarbons (PAHs)** – SW-846 EPA Method 8270
Pesticides – SW-846 EPA Method 8081
Dioxins/Furans – SW-846 EPA Methods 8280 & 8290
Total Sulfates – SW-846 EPA Method 9035

19. In the event that the analytical results for samples collected from the sewage sludge generated by the UPRC exceed the allowable levels or other health standard, the

permittee shall notify the Department at (410) 537-3315 within 24 hours of receipt of the analytical data indicating this occurrence.

20. Upon detection of an exceedance of an allowable level or other health standard, the permittee shall investigate this exceedance within 48 hours following notification of the permittee of the exceedance of the standard by the analytical laboratory performing the original analysis of the sample which indicated the exceedance. The permittee shall also reanalyze within 7 calendar days the sewage sludge that exceeded the allowable level or other health standard to verify the initial detection.

21. Pending the outcome of the Project and sewage sludge analysis results outlined in Site Specific Condition 18 of this permit, the Department may require groundwater monitoring upgradient and downgradient of this site. Qualified independent laboratories certified by the Department or which are otherwise acceptable to the Department shall perform the required analyses. Analysis results must be submitted to the Department for review and evaluation.

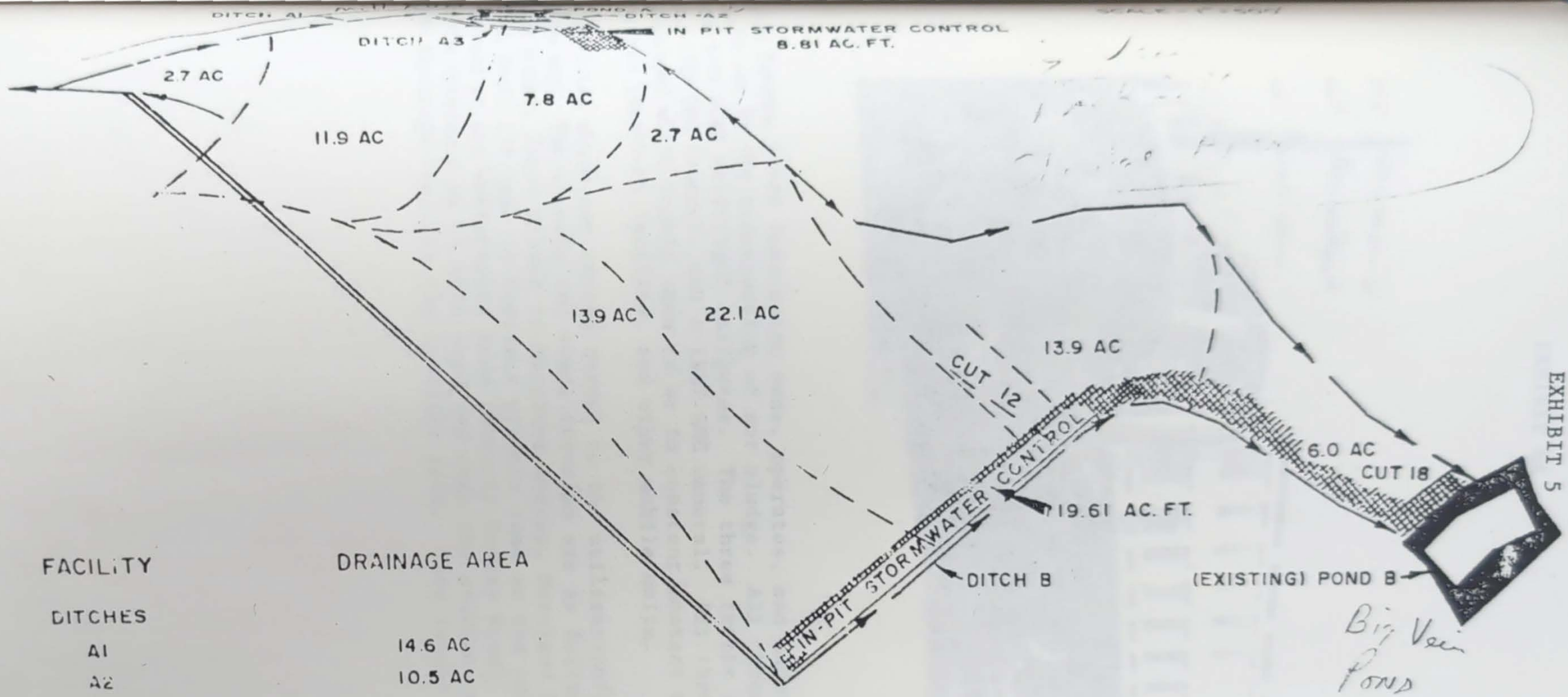


EXHIBIT 5

FACILITY	DRAINAGE AREA
DITCHES	
A1	14.6 AC
A2	10.5 AC
B	55.9 AC
PONDS	
A	25.1 AC
B	184.4 AC
DITCH A3	22.4 AC

Big Vein Ponds

WESTVACO RESOURCES, INC.
STORMWATER PLAN ATTACHMENT IV-3.2

Exhibit 6B

Portion of: WESTERNPORT & BARTON QUADRANGLES

7.5 Minute Series

Scale 1 :24000

Indicates route of Upper Potomac River Commission trucks from the Waste Treatment Facility to the WESTVACO RESOURCES SITE.

GE UTILIZATION DISPOSAL SITE

Franklin Hill

Franklin

Strip Mine

GARRETT CO

ALLEGANY CO

WESTERN GEORGES

MARYLAND

Westernport

Run

Georges

Gannon

Cree

RIVER

OHIO

Gaging Sta

Cem

Water

Bloomington

(BM 1049)

Luke

Piedmont

BM

935

POTOMAC

Beryl

Hampshire

ROAD

WTF

State of Maryland

DEPARTMENT OF THE ENVIRONMENT

2500 Broening Highway, Baltimore, Maryland 21224

Robert Perciasepe
Secretary

SEWAGE SLUDGE DIVISION
SEWAGE SLUDGE UTILIZATION PERMIT

Permit No.: S-91-11-702-ABE

Issue Date: January 9, 1991

Expiration Date: January 8, 1994

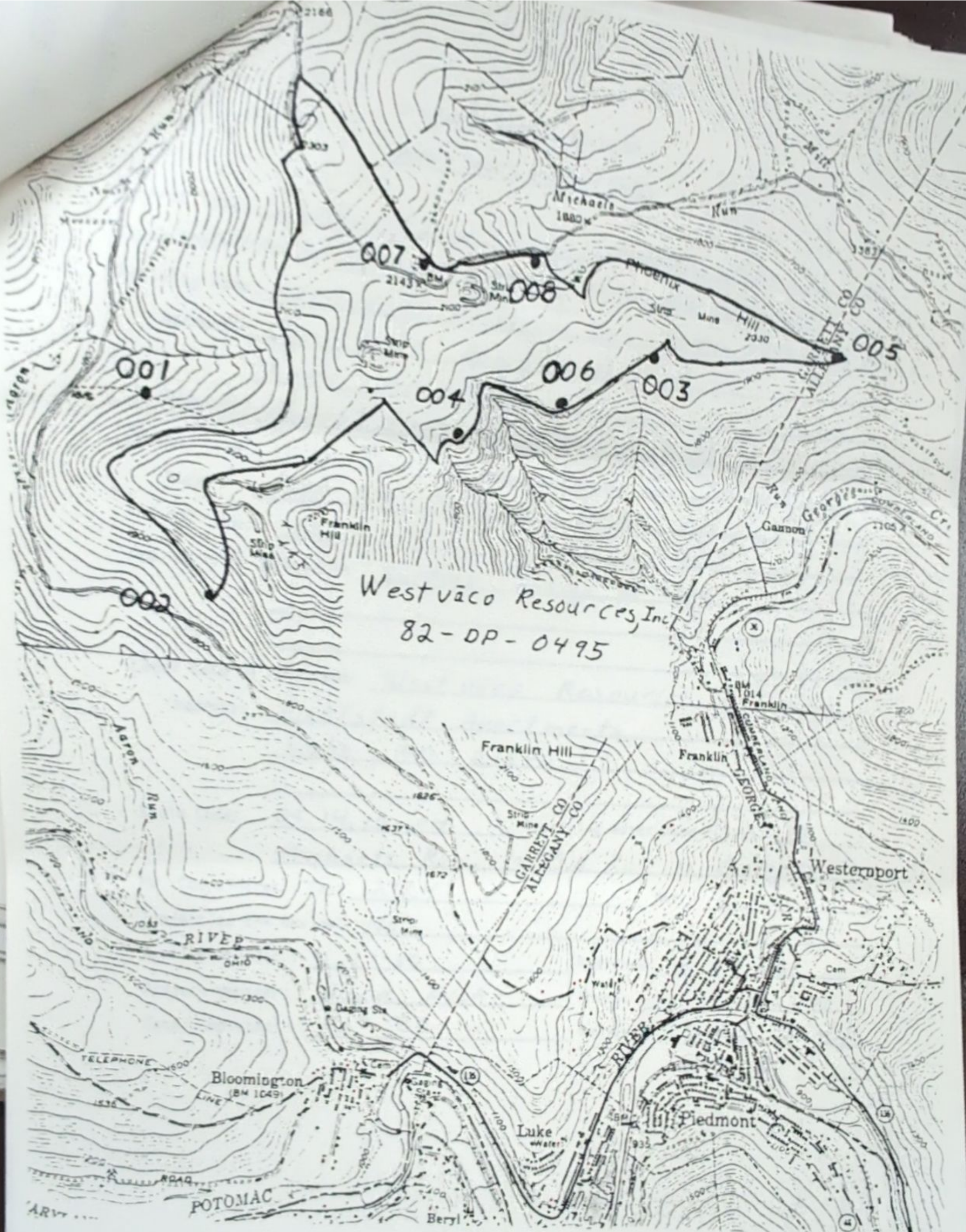
This permit is issued to the Upper Potomac River Commission

and authorizes the collection, transportation, and handling of sewage sludge/paper mill mixture from the Upper Potomac River Commission Wastewater Treatment Plant to the Westvaco Resources, Inc. site (Moran strip mine property) located in Garrett County, Maryland.

THIS PERMIT ISSUED SUBJECT TO THE ATTACHED SPECIFIICATIONS AND CONDITIONS

CTING ADMINISTRATOR, SOLID WASTE PROGRAM

ACTING DIRECTOR, HAZARDOUS AND SOLID WASTE MANAGEMENT ADMINISTRATION


001
002
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Westvaco Resources, Inc
82-DP-0495
Franklin Hill
Michaels
Phoenix
Mine Hill
Franklin
Garrett Co
Allegany Co
Aaron Run
Georges Creek
Gannon
Westernport
Piedmont
Bloomington
Luke
POTOMAC RIVER
Beryl

UPRC SLUDGE Project.
FRANKLIN H:11

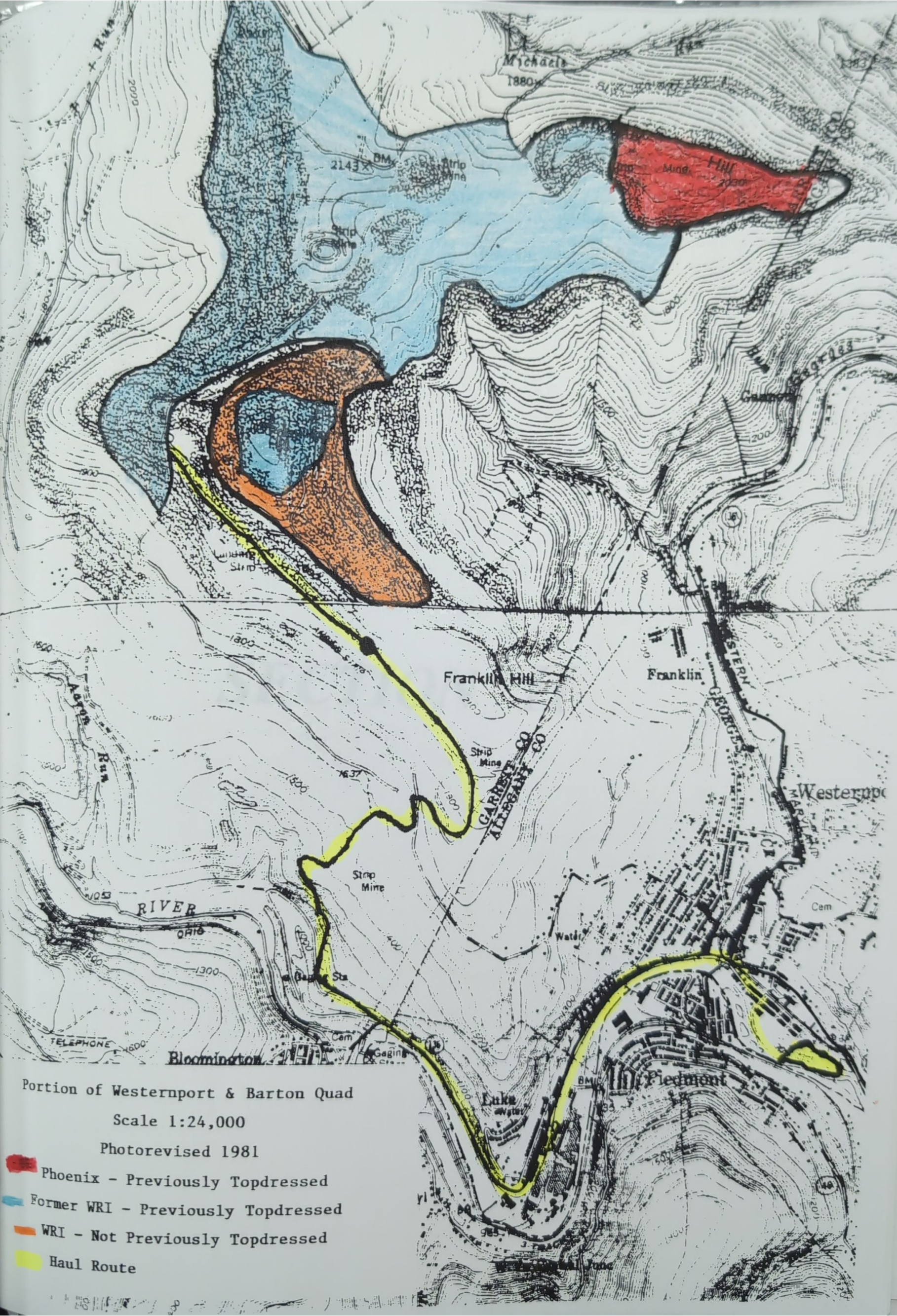
Seeding mixture
for MORAN SITE

40 lb/acre #31 Fescue
10 lb/acre RYE GRASS
5 lb RED CLOVER
5 lb Birdfoot Treefoil
5 lb CROWN Vetch

↑

150 lb Nitrogen
80 lb phosphorous
160 lb potash

EXTENSION Recommendation
for this mixture of seed.



Portion of Westernport & Barton Quad

Scale 1:24,000

Photorevised 1981

Phoenix - Previously Topdressed

Former WRI - Previously Topdressed

WRI - Not Previously Topdressed

Haul Route

JOHN J. McMULLEN, Jr., Chairman
WENDELL R. BEITZEL, Jr., Member

R. NEIL WILLIAMS, Treasurer
WILLIAM R. NEFF, Superintendent

THE UPPER POTOMAC RIVER COMMISSION
Waste Treatment Facilities, 528 Maryland Ave., Westernport, Maryland 21562
Telephone 359-3944

February 3,1999

Certified Mail
Z 458 238 611
Return Receipt

Mr. Ed Dexter
Field Operations & Compliance Division
Maryland Department of the Environment
Waste Management Administration
2500 Broening Highway
Baltimore, Maryland 21224

Ref: Phoenix Hill
Permit #S-91-11-1766-ABE
Water Quality Monitoring
Program Report

Dear Mr. Dexter:

Enclosed please find a corrected result sheet for the Round 1-98 Phoenix Hill Well Composite sample for Dioxin.

The Dioxin result sheet enclosed in Section 10 of the original report were the results of our quarterly sludge sample.

Please insert the new sheet into Section 10 of the UPRC's Round 1-98 Phoenix Hill Water Quality Monitoring Program Report.

If any additional information is required, please contact our office.

Sincerely,

James H. Taylor

James H. Taylor
Superintendent

cc: S. Shoemaker
M. Welsh
W. Finster
E. Harmon

JOHN J. McMULLEN, Jr., Chairman
WENDELL R. BEITZEL, Jr., Member
R. NEIL WILLIAMS, Treasurer
WILLIAM R. NEFF, Superintendent

THE UPPER POTOMAC RIVER COMMISSION
Waste Treatment Facilities, 528 Maryland Ave., Westernport, Maryland 21562
Telephone 359-3944

UPPER POTOMAC RIVER COMMISSION

S-91-11-1766-ABE

PHOENIX HILL

Sample Identification	Constituent	Result
Phoenix Hill Well Comp. Sample	2,3,7,8, -TCDD	ND

2,3,7,8-TCDD was not found in the sample analyzed. The detection limit was lower than the target analytical detection limit of 1.0 ppt.

The sample was analyzed by a contract Laboratory (Alta Analytical Laboratories, Inc.) using an isomer specific, high resolution gas chromatography-mass spectrometry method based on EPA Method 1613 A (EPA/API Study-Tetras only). The method 1613 A minimum level specifications for solid samples in 1.0 ppt.

Method 1613 A requires that each set of samples be accompanied by analysis of a blank, spiked with ^{13}C-labeled 2378-TCDD, ^{13}C-labeled 2,3,7,8-TCDF, and ^{37}Cl -2378-TCDD and by a blank that has been spiked with a known amount of unlabeled 2378-TCDD and 2378-TCDF in addition to the labeled analysis. The latter is called an "OPR" for On-going Precision and Recovery. One blank and one OPR is required for each sample matrix.

JOHN J. McMULLEN, Jr., Chairman
WENDELL R. BEITZEL, Jr., Member

R. NEIL WILLIAMS, Treasurer
WILLIAM R. NEFF, Superintendent

THE UPPER POTOMAC RIVER COMMISSION
Waste Treatment Facilities, 528 Maryland Ave., Westernport, Maryland 21562
Telephone 359-3944

October 15, 1998

Certified Mail
Z 458 238 605
Return Receipt

Mr. Ed Dexter
Field Operations & Compliance Division
Maryland Department of the Environment
Waste Management Administration
2500 Broening Highway
Baltimore, Maryland 21224

Ref: Phoenix Hill
Permit #S-91-11-1766-ABE
Water Quality Monitoring
Program Report

Dear Mr. Dexter:

The Phoenix Hill Monitoring Wells were sampled on September 15 and 16, 1998, Phoenix Hill Seeps on September 16, 1998 and Phoenix Hill Homes on October 5, 1998.

We have not received any results from RECRA Labnet. We have contacted the Lab on several occasions, as soon as we receive the results our report for Phoenix Hill Site (Round 1-98) will be forwarded to your office.

If any additional information is required, please contact our office.

Sincerely,

James H. Taylor

James H. Taylor
Assistant Superintendent

cc: S. Shoemaker
M. Welsh
W. Finster

JOHN J. McMULLEN, Jr., Chairman
WENDELL R. BEITZEL, Jr., Member

R. NEIL WILLIAMS, Treasurer
WILLIAM R. NEFF, Superintendent

THE UPPER POTOMAC RIVER COMMISSION
Waste Treatment Facilities, 528 Maryland Ave., Westernport, Maryland 21562
Telephone 359-3944

January 10, 1998

Certified Mail
P 430 680 152
Return Receipt

Mr. Ed Dexter
Field Operations & Compliance Division
Maryland Department of the Environment
Waste Management Administration
2500 Broening Highway
Baltimore, Maryland 21224

Ref: Phoenix Hill
Permit #S-91-11-1766-ABE
Water Quality Monitoring
Program Report

Dear Mr. Dexter:

Enclosed please find the results from our Phoenix Hill Well Composite Dioxin Sample.

The Phoenix Hill Monitoring Wells were sampled on September 3 and 4 1997.

If any additional information is required, please contact our office.

Sincerely,

G. Scott Shoemaker
Landfill Supervisor

cc: W. Neff
M. Welsh
W. Finster
E. Harmon

Appendix VII: Statement of Qualifications

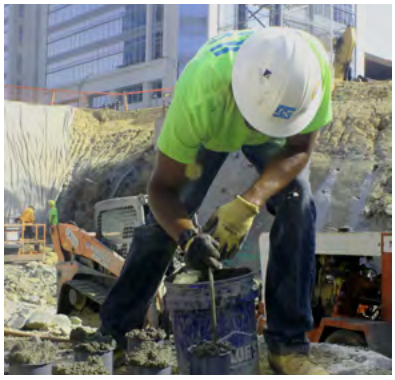
ECS Group of Companies

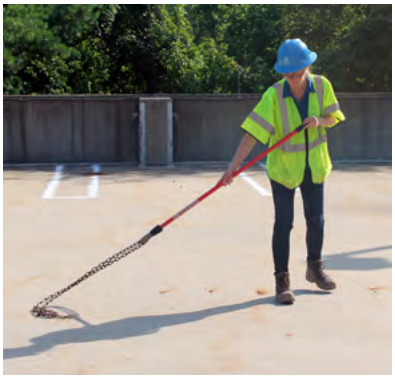
Statement of Qualifications

2023

CONSTRUCTION MATERIALS

FACILITIES





GEOTECHNICAL

ENVIRONMENTAL

COMPANY OVERVIEW

2,200
employees

80+
locations

30+
years' experience

ABOUT OUR COMPANY

Engineering Consulting Services (ECS) is one of the largest and most rapidly growing engineering and consulting companies in the US. Founded in 1988, ECS is a leader in geotechnical, environmental, construction materials and facilities engineering. We are currently ranked 64 in *Engineering News-Record's* Top 500 Design Firms (April 2022) and 38 in Zweig Group's 2022 Hot Firms.

ECS CORE SERVICES

- Geotechnical
- Construction Materials

ECS FOOTPRINT

Whether your project requires local project management, specialty expertise or both, we have you covered. ECS provides the best of both worlds - the attention your projects deserve from our local team, coupled with abundant staffing and technical resources. With 2,200 employees, ECS has grown to more than 80 locations spread across the Mid-Atlantic, Midwest, Southeast and Southwest.

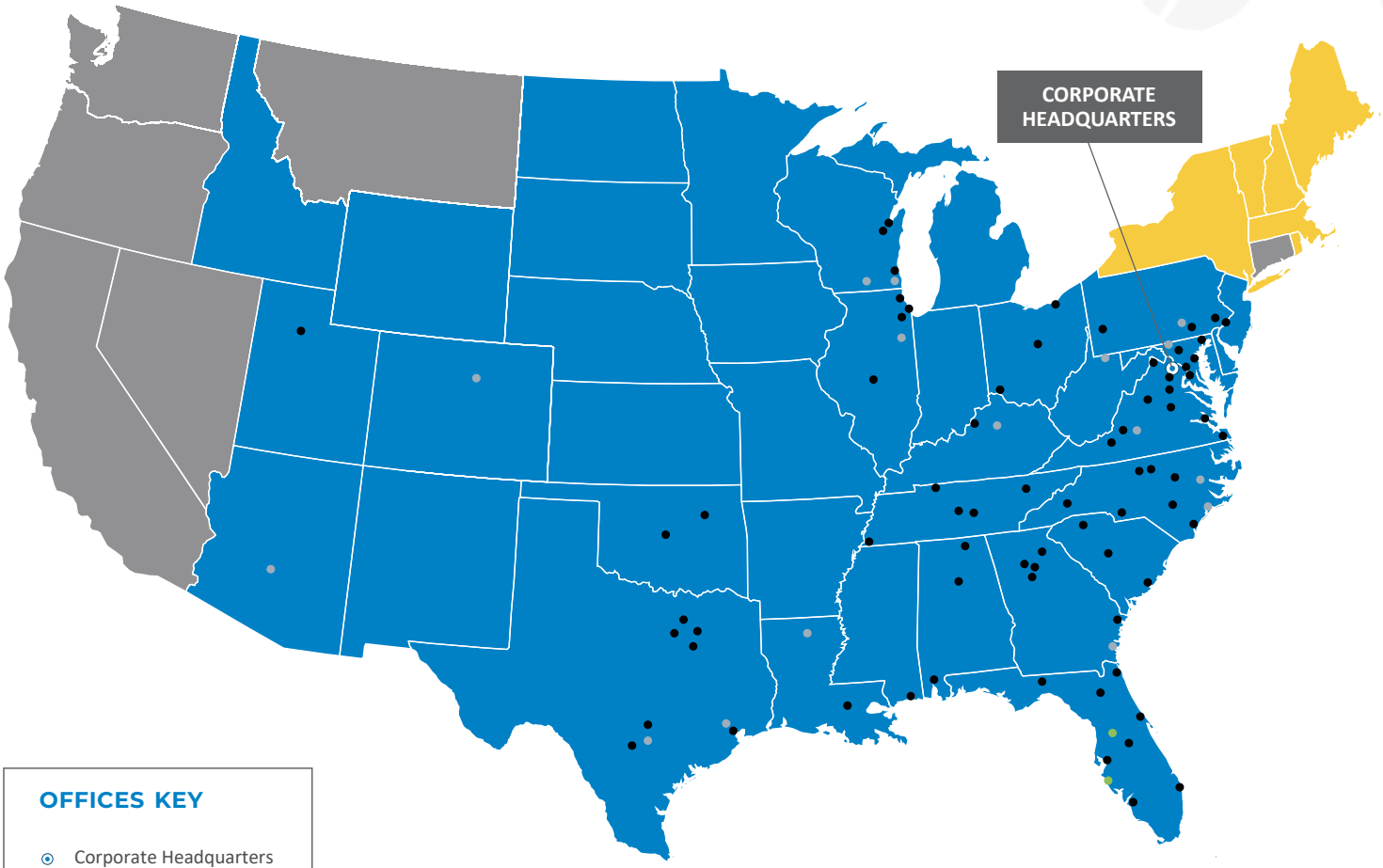
WHY ECS? WE HAVE GRIT.

What does that mean for you? That one descriptive word defines our company culture. It sets just the right tone for what our clients can expect our team to deliver each and every day. At ECS, GRIT is made up of four characteristics: guts, resilience, initiative and tenacity. Our boots are made for working. Click here for an inside look at what we do, who we are and why we have GRIT.

As a culture of doers, we roll up our sleeves and use our skills to help solve problems. We hustle.

WHEREVER YOUR PROJECT TAKES YOU, ECS HAS...

BOOTS ON THE GROUND



OFFICES KEY

- Corporate Headquarters
- Full Service Office
- Testing Services Office
- Drilling Services Office

SERVICES KEY

Materials Testing Service Area is approximately a 75-mile radius around each office.

- Environmental and Facilities
- Geotechnical, Environmental, Materials Testing, and Facilities
- Geotechnical, Environmental, and Facilities

DUE DILIGENCE

As part of typical commercial, industrial and residential real estate transactions, many services need to be completed prior to closing that should not be overlooked. ECS provides environmental and engineering due diligence services common to real estate transaction-driven work, including:

Environmental Due Diligence Services:

- Phase I Environmental Site Assessments (ESAs)
- Wetland and Stream Determination and Delineation Services
- Phase II Environmental Site Assessments (ESAs)
- Underground Storage Tank (UST) Assessments and Closures
- Environmental Transaction Screens (ETS)
- Regulatory Record Reviews
- HUD Assessments
- Endangered Species Assessments
- Historical and Cultural Surveys/Assessments
- Radon Assessment
- Asbestos Surveys and Abatement Design
- Lead-Based Paint Surveys and Abatement Design
- Microbial and Indoor Air Quality Assessments
- Vapor Intrusion Assessments
- Fannie Mae and Freddie Mac Assessments
- Contaminated soil management plans

Facilities Due Diligence Services:

- Accessibility Consulting
- Bank Draw Review
- Pre and Post Construction Surveys
- Property Condition Assessments (PCAs)
- Forensic Investigations
- GPR Surveys
- EIFS Services

Engineering Due Diligence Services:

- Subsurface Geotechnical Explorations
- Test Pit Evaluations
- Seismic Studies
- Cost estimating for construction
- Geologic Assessments

MICHAEL BACON II

ENVIROMENTAL STAFF PROJECT MANAGER

CERTIFICATIONS

US Army Corps of Engineers Wetland **Delineation**

Maryland Asbestos Inspector

West Virginia Asbestos Inspector

SKILLS

Environmental Assessments

Soil and Groundwater Sampling

ACM and Mold Monitoring

Stream and Wetland Delineations

Forest Stand Delineations

Rare, Threatened, and Endangered Species Review and Conservation

Migratory Bird Evaluations

EDUCATION

Bachelor of Science, 2016, Environmental Science with Concentration in Biology, Towson University, Towson, MD

PROFESSIONAL PROFILE

Mr. Bacon is an Environmental Staff Project Manager for ECS Mid-Atlantic, LLC Environmental Group. His role includes conducting and managing wetland, natural resources studies, and Phase I Environmental Site Assessments throughout the Mid-Atlantic area for the public and private sector. He has performed stream and wetland delineations per national and state regulatory guidance and utilized various natural resource assessment techniques and methodologies. Mr. Bacon is responsible for writing daily reports on the environmental testing and observation work completed in the field to provide clients, contractors, engineers, architects, and code officials a clear audit trail for projects.

Additionally, Mr. Bacon's experience includes forest stand delineations in Maryland. Mr. Bacon's experience also includes rare, threatened, and endangered species project coordination and reviews. Mr. Bacon is experienced in GPS collection and data manipulation with Trimble products and software. Lastly, Mr. Bacon has conducted over 500 migratory bird evaluations throughout the United States.

PROJECT EXPERIENCE

- JLB - RidgeRoad P1ESA, Hanover, MD
- Sawyer Flats P1ESA, Gaithersburg, MD
- Auto Spa Express P1ESA, Ellicott City, MD
- Deerpath Road Property, Elkridge, MD
- Town of Warrenton DPW Complex Site A, Warrenton, VA
- DuPont Horse Farm P1ESA, Chesapeake City, MD
- Town of Warrenton DPW Complex Site B, Warrenton, VA
- Crestwood Manor Wetland Delineation, Frederick,MD
- Project Crestone Natural Resource Services, Harrington, DE
- OER Viceroy Solar P1ESA, Sykesville, MD
- Gibson Island Maintenance Facility P1ESA, Gibson Island, MD
- Ashford Woods (Egan Property) Wetland Delineation, Clarksburg, MD
- Najoles Road Property P1ESA, Millersville, MD
- Stonewall Industrial Park, Winchester, VA
- Brandywine Sand & Gravel Solar P1ESA Update, Brandywine, MD
- Cross Road Trail Solar Site P1ESA, Brandywine, MD
- Simmons Property Natural Resources, Fredericksburg, VA
- Carmax Hagerstown Environmental Services, Hagerstown, MD

EMILY GRIMES

ASSISTANT STAFF PROJECT MANAGER

CERTIFICATIONS

US Army Corps of Engineers Wetland Delineation Certification

Erosion and Sediment Control

WACEL: Soils level I

American Concrete Institute: Concrete level I

Nuclear Gauge Safety

40-Hour HAZWOPER

SKILLS

Environmental Site Assessments

Stream and Wetland Delineations

Environmental Site Assessments

Migratory Bird Evaluations

EDUCATION

Bachelor of Science, 2021, Materials Science and Engineering, Pennsylvania State University, University Park, PA

PROFESSIONAL PROFILE

Ms. Grimes is an Assistant Staff Project Manager for ECS Mid-Atlantic, LLC Environmental Group. Her role includes conducting and managing natural resources studies, NEPAs and Phase I Environmental Site Assessments throughout the Mid-Atlantic area for the public and private sector. She has performed stream and wetland delineations per national and state regulatory guidance and utilized various natural resource assessment techniques and methodologies. Ms. Grimes is responsible for writing daily reports on the environmental testing and observation work completed in the field to provide clients, contractors, engineers, architects, and code officials a clear audit trail for projects, and also has experience with wetland permitting in Virginia. Ms. Grimes is experienced in GPS collection and data manipulation with Trimble products and software. She also has experience with migratory bird evaluations throughout the United States. Lastly, Ms. Grimes has experience performing field observation, testing, sampling and inspection of soils and concrete; working daily on active construction sites and assist in soils laboratory tests; and analyzing and interpreting results from nuclear gauge. Technical report writing for engineering clients.

PROJECT EXPERIENCE

- Trammel NEPA, Trammel, VA
- Shenandoah NEPA, Star Tannery, VA
- Benedictine NEPA, Ridgely, MD
- Rockland Road Environmental Impact Statement, Front Royal, VA
- Northern Virginia Science Center Environmental Impact Report, Ashburn, VA
- Blackwell Road WOUS Joint Permit Application, Warrenton, VA
- Maries Road WOUS Joint Permit Application, Sterling, VA
- Redstone WOUS Joint Permit Application, Manassas, VA
- Logmill Solar Environmental Constraints Analysis, Haymarket, VA
- Simmons Property Waters of the U.S. Report, Fredericksburg, VA

Ryan J. Croyle, REM

Regional Environmental Manager

Education

Bachelor of Science, 1998, Environmental Science/Biology, Edinboro University, Edinboro, PA

Certifications

National Registry of Environmental Professionals, Registered Environmental Manager

38-Hour Army Corps of Engineers Wetland Delineation Training Program

OSHA HAZWOPER 40 Hour Certification & Refreshers

New Jersey DEP Subsurface Evaluator License, Reg. No. 207176

EPA AHERA Asbestos Building Inspector Certification (Multiple states)

NIOSH 582 Certification (Collecting and Analyzing Asbestos Air Samples)

Mr. Croyle is the Regional Environmental Manager/ Principal Reviewer for the ECS Mid-Atlantic Northern Region. His responsibilities include managing the environmental staff, as well as coordinating, preparing, and reviewing environmental programs and services.

Environmental Manager – Mr. Croyle provides principal review of Phase I and II Environmental Site Assessments, site characterization and remedial investigation reports, underground storage tank removal and remediation, State Voluntary Cleanup Programs, wetland determinations, risk assessments and hazardous materials surveys, health and safety plans (HASPs) environmental impact statements, and wetlands delineation studies.

Sample Project Experience

- Department of the Navy, Polychlorinated Biphenyl (PCB) Impacted Soil Removal, Mechanicsburg, PA
- Fairpoint Communications, Bentleyville, PA
- MD State Highways Environmental Contract, Multiple Locations, MD
- Direct To You Gas, Adams County, PA
- Queensgate Plaza, York, PA
- Tanger Property, Hanover PA
- PNC Financial Services Group, Environmental, National Account Manager, Multiple Locations, US
- PNC Financial Services Group, Mercantile Bank, MD and PA
- Commercial Shopping Center, Brewers Hill, MD
- Cintas West Philadelphia Brownfields Redevelopment, Philadelphia, PA
- Center Point Baltimore, MD
- Bank of America, Environmental, Multiple Locations, PA
- Broadway Arts, Long Branch, NJ
- Bell Telephone Laboratory Consultation, Chester, NJ
- Broadway Arts Redevelopment, Long Branch, NJ
- Tractor Supply Company, Multiple Locations, MD, PA, NJ, MA
- AutoZone, Multiple Locations, PA, NJ, NH, MA, ME
- Millersville University, Millersville, PA
- BELCO Corporate Headquarters, Harrisburg, PA

MIA LENZENWEGER

ENVIRONMENTAL STAFF PROJECT MANAGER

CERTIFICATIONS

U.S. Army Corps of Engineers Wetland Delineation Certification

SKILLS

Data Analysis

Field Work

Report Writing

Laboratory Techniques

Water Quality Testing

EDUCATION

Bachelor of Science, Marine Biology/Environmental Science, 2022, University of North Carolina Wilmington, Wilmington, NC

PROFESSIONAL PROFILE

Ms. Lenzenweger serves as an Environmental Staff Project Manager for ECS Mid-Atlantic, LLC. She assists with all aspects of a project from marketing, proposal preparation, project management, field work, data analysis, numerical modeling, map preparation, and technical reporting. Her field work typically involves wetland assessments and delineations, forest stand delineations and tree surveys, and biological and habitat monitoring. Additionally, she manages stream and wetland permit projects. Ms. Lenzenweger also writes Phase I Environmental Site Assessment reports.

PROJECT EXPERIENCE

- Brick Kiln Road Phase I Environmental Site Assessment, Salisbury, MD
- HO93 Phase I Environmental Site Assessment, Clarksville, MD
- Orchard Hill Phase I Environmental Site Assessment and Waters of the U.S. Report, Sudlersville, MD
- Jade Meadows III Phase I Environmental Site Assessment and Wetland Determination Report, Westernport, MD
- Spencer Road Property Forest Stand Delineation and Waters of the U.S. Delineation Report, Glen Burnie, MD
- Carmax Waldorf Waters of the U.S. Delineation Report, Waldorf, MD
- Green Road Property Forest Stand Delineation and Waters of the U.S. Delineation Report, Baldwin, MD
- Greta Energy Center Waters of the U.S. Delineation Report, Atlantic, VA
- South Park West Dwarf Iris Survey, Waldorf, MD
- Courthouse West Property Permitting Project, Stafford, VA
- 8th Street Bridge Replacement Permitting Project, Front Royal, VA
- 360 Solar Property Permitting Project, Halifax, VA

Appendix VIII: Acronyms

List of Common Acronyms

AULs	Activity and Use Limitations
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
ACM	Asbestos Containing Materials
BER	Business Environmental Risk
CORRACTS	CERCLA Corrective Action List
NPL	CERCLA National Priorities List
NFRAP	CERCLA No Further Remedial Action Planned
CERCLA	Comprehnsive Environmental Response Cleanup Liability Act
CESQG	Conditionally Exempt Small Quantity Generator
CREC	Controlled Recognized Environmental Condition
ERNS	Emergency Response Notification System
EC	Engineering Controls
HIST LF	Historical Landfill
HREC	Historical Recognized Environmental Condition
IC	Institutional Controls
LQG	Large Quantity Generator
LBP	Lead Based Paint
LTANKS	Leaking Tanks
LUST	Leaking Underground Storage Tank
REC	Recognized Environmental Condition
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
SQG	Small Quantity Generator
SWF/LF	Solid Waste Facility/Landfill
SHWS	State Hazardous Waste Sites
UST	Underground Storage Tank
USGS	United States Geological Survey